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ASX Announcement – Petroleum Tenements

29 MARCH 2019

PETROLEUM TENEMENTS HELD

Pursuant to ASX Listing Rules 5.37 and 5.4.3, Empire Energy Group Limited is required to provide a listing of petroleum tenements held by Empire Energy Group Limited and its subsidiaries.

Attached is a report listing all petroleum tenements held by Empire Energy Group Limited and its subsidiaries as at 31 December 2018. Given the size of the report (56 pages), Empire Energy Group Limited has elected to disclose this report as a separate announcement and will reference this announcement in Empire Energy Group Limited's future Annual and Quarterly Reports.

ABOUT EMPIRE ENERGY GROUP LIMITED

Empire Energy Group Limited is a conventional oil and natural gas producer with operations in Appalachia (New York and Pennsylvania) and the MidCon Kansas and Oklahoma).

In early 2010, Empire Energy Group Limited was one of the industry's first-movers in recognising and securing shale petroleum exploration acreage in Australia's Northern Territory. Today it has over 14.5 million acres in the McArthur & Beetaloo Basins, Northern Territory, both of which are considered highly prospective for large shale oil and gas resources. Work undertaken by Empire Energy Group Limited over the past 8 years demonstrates that the Central Trough of the McArthur Basin, of which Empire Energy Group Limited holds around 80%, is highly prospective for petroleum. The prospective shale formations are very ancient and have key similarities to those extending through Oman, Siberia and Southern China where they contain conventional and unconventional resources of billions of barrels of oil equivalent.

IMPERIAL OIL & GAS

TENEMENT REGISTER

AS AT 29 March 2019

Lease	Holder	Status	Current Area	Area Units	SqKm	Applied Date	Grant Date	Expiry Date	Next Renewal Due	Annual Reporting Due Date	Expenditure Report Due Date	Rent Due Date	Moratorium End Date	Notes
EP180	Imperial Oil & Gas	Application	199	blocks	14810	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Negotiating period ended 31/10/18- consent re-issued	ALRA proposals lodged 04/02/19- now in negotiation
EP181	Imperial Oil & Gas	Application	182	blocks	14423	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Negotiating period ended 31/10/18- consent re-issued	ALRA proposals lodged 04/02/19- now in negotiation
EP182	Imperial Oil & Gas	Application	172	blocks	12502	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Negotiating period ended 31/10/18- consent re-issued	ALRA proposals lodged 04/02/19- now in negotiation
EP183	Imperial Oil & Gas	Application	22	blocks	857	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Negotiating period ended 31/10/18- consent re-issued	ALRA proposals lodged 04/02/19- now in negotiation
EP184	Imperial Oi & Gas	Granted	173	blocks	11170	12/04/10	21/08/13	20/08/20	20/05/20	17/09/20	17/09/20	20/08/19	NA	work program suspended to 19/03/19
EP187	Imperial Oil & Gas	Granted	52	blocks	2988	12/04/10	20/03/15	19/03/22	19/12/21	17/02/21	17/02/21	21/03/19	NA	work program suspended to 20/08/19
EP188	Imperial Oil & Gas	Application	27	blocks	1448	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP319	Imperial Oil & Gas	Application	4	blocks	88	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP320	Imperial Oil & Gas	Application	2	blocks	4	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP321	Imperial Oil & Gas	Application	4	blocks	7	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP322	Imperial Oil & Gas	Application	1	blocks	10	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP323	Imperial Oil & Gas	Application	8	blocks	287	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP324	Imperial Oil & Gas	Application	1	blocks	4	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP325	Imperial Oil & Gas	Application	4	blocks	31	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP326	Imperial Oil & Gas	Application	2	blocks	23	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP327	Imperial Oil & Gas	Application	2	blocks	6	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP328	Imperial Oil & Gas	Application	1	blocks	5	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP329	Imperial Oil & Gas	Application	1	blocks	15	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP330	Imperial Oil & Gas	Application	1	blocks	7	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP331	Imperial Oil & Gas	Application	1	blocks	8	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP332	Imperial Oil & Gas	Application	2	blocks	5	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP333	Imperial Oil & Gas	Application	1	blocks	7	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP334	Imperial Oil & Gas	Application	4	blocks	66	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP335	Imperial Oil & Gas	Application	4	blocks	6	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP336	Imperial Oil & Gas	Application	2	blocks	24	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP337	Imperial Oil & Gas	Application	2	blocks	12	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP338	Imperial Oil & Gas	Application	2	blocks	3	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP339	Imperial Oil & Gas	Application	2	blocks	2	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP340	Imperial Oil & Gas	Application	4	blocks	4	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP341	Imperial Oil & Gas	Application	2	blocks	25	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation
EP342	Imperial Oil & Gas	Application	5	blocks	29	12/04/10	N/A	N/A	N/A	N/A	N/A	N/A	Ended 21/11/18- now in negotiation	ALRA proposals lodged 17/12/18- now in negotiation

2018 Land Holdings

State	Contracts/Deed Type	Operator	Empire ID	NRI	WI	Acres	Maturity	Status	Formation
NY	Minerals	Empire Energy E&P, LLC	310030025	1.0000	1.0000	44.3	N/A	Fee	All Horizons
NY	Minerals	Empire Energy E&P, LLC	310030026	1.0000	1.0000	9.3	N/A	Fee	All Horizons
NY	Minerals	Empire Energy E&P, LLC	310030027	1.0000	1.0000	0.7	N/A	Fee	All Horizons
NY	Minerals	Empire Energy E&P, LLC	310030033	1.0000	1.0000	16	N/A	Fee	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090002	0.8488	1.0000	185.16	9/02/1985	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310090003	0.8488	1.0000	127.85	13/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090004	0.8488	1.0000	55.83	16/08/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090005	0.8488	1.0000	241.04	12/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090006	0.8488	1.0000	73.3	5/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090011	0.8488	1.0000	255	18/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090014	0.8488	1.0000	335	28/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090015	0.8488	1.0000	1.71	22/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090017	0.8488	1.0000	480	24/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090018	0.8222	1.0000	7.13	12/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090019	0.8222	1.0000	51.65	28/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090020	0.8100	1.0000	320	28/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090021	0.8222	1.0000	8.14	13/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090023	0.8222	1.0000	110	12/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090024	0.8222	1.0000	917.35	13/09/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090025	0.8488	1.0000	7.37	15/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090026	0.8488	1.0000	79.5	3/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090027	0.8488	1.0000	13.16	28/12/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090028	0.8222	1.0000	66.95	1/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090029	0.8222	1.0000	106.9	26/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090030	0.8222	1.0000	189	1/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090031	0.8222	1.0000	11.14	28/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090032	0.8222	1.0000	201	9/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090034	0.8222	1.0000	51.72	30/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090035	0.8488	1.0000	54	20/08/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090036	0.8488	1.0000	1.47	16/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090038	0.8488	1.0000	2	23/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090039	0.8488	1.0000	6.2	23/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090040	0.8488	1.0000	4.7	26/04/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090041	0.8488	1.0000	33.88	11/01/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090042	0.8488	1.0000	5.5	23/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090044	0.8222	1.0000	102.11	2/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090045	0.8488	1.0000	3.36	24/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090047	0.8488	1.0000	130	9/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090048	0.8488	1.0000	55.88	18/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090049	0.8488	1.0000	11.24	17/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090052	0.8488	1.0000	1.49	22/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090075	0.8184	1.0000	70	19/09/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090076	0.8488	1.0000	63	30/09/2000	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090077	0.8488	1.0000	160	14/01/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090078	0.8488	1.0000	220	28/10/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090079	0.8488	1.0000	275	10/10/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090080	0.8488	1.0000	65.15	12/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090081	0.8488	1.0000	5.87	8/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090082	0.8488	1.0000	2.11	27/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090083	0.8488	1.0000	40	19/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090084	0.8488	1.0000	15	29/04/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090085	0.8488	1.0000	150.79	21/04/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090086	0.8488	1.0000	98	2/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090087	0.8488	1.0000	16.85	6/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090088	0.8488	1.0000	74	19/05/1982	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310090089	0.8488	1.0000	38	22/05/1982	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310090090	0.8488	1.0000	80.3	1/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090091	0.8488	1.0000	4	1/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090092	0.8488	1.0000	7	2/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090093	0.8488	1.0000	32	9/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090094	0.8488	1.0000	102.2	18/04/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090095	0.8488	1.0000	76.74	18/04/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090096	0.8488	1.0000	5	16/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090097	0.8488	1.0000	82.1	21/04/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090098	0.8488	1.0000	11.87	1/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090099	0.8488	1.0000	2.57	28/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090100	0.8488	1.0000	121	21/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090101	0.8488	1.0000	130	16/11/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090102	0.8488	1.0000	152.38	3/09/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090103	0.8488	1.0000	44.33	19/10/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090105	0.8488	1.0000	95	16/07/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090106	0.8488	1.0000	48	23/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090107	0.8488	1.0000	92.6	30/09/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090108	0.8488	1.0000	75	30/09/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090109	0.8488	1.0000	80	16/07/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090110	0.8488	1.0000	100	10/07/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090111	0.8488	1.0000	188.46	5/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090113A	0.8488	1.0000	260.18	30/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090115	0.8488	1.0000	106	27/07/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090116	0.8488	1.0000	179.26	27/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090118	0.8488	1.0000	108	5/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090119	0.8488	1.0000	4.85	5/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090121	0.8488	1.0000	0.683	11/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090122	0.8488	1.0000	1.78	5/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090123	0.8488	1.0000	1.49	8/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090125	0.8488	1.0000	106.06	17/04/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090127	0.8488	1.0000	143	11/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090128	0.8488	1.0000	63	16/02/1994	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310090130	0.8488	1.0000	117.69	20/06/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090132	0.8488	1.0000	107	21/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090133	0.8488	1.0000	156	17/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090134	0.8488	1.0000	177	16/03/1982	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310090135	0.8488	1.0000	263	16/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090136	0.8488	1.0000	158	27/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090148	0.8184	0.2125	158.25	17/07/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090149	0.8184	0.2125	63.86	3/08/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090150	0.8184	1.0000	61	5/08/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090151	0.8184	0.2125	137.24	12/08/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090152	0.8184	0.2125	140.62	12/08/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090153	0.8184	0.2125	100	28/08/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090154	0.8184	0.2125	90	24/08/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090155	0.8488	0.2125	349	31/08/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090156	0.7760	0.2125	125	16/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090157	0.7760	0.2125	103	16/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090158	0.7760	0.2125	35	10/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090159	0.7760	0.2125	4.27	18/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090160	0.7796	1.0000	121	26/09/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090161	0.7796	0.2125	169.8	26/01/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090162	0.7760	0.2124	52.73	5/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090163	0.7796	1.0000	160	6/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090164	0.7760	0.2125	112.25	8/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090165	0.7760	1.0000	126	6/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090166	0.7760	1.0000	135	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090167	0.7919	1.0000	75	6/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090168	0.7760	1.0000	135.44	10/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090169	0.7760	0.2125	107	10/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090170	0.8488	1.0000	237	12/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090171	0.7760	0.2125	134	15/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090172	0.7760	0.2125	110	15/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090173	0.7919	1.0000	97	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090174	0.7796	1.0000	97	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090175	0.7796	1.0000	53	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090176	0.7922	1.0000	170	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090177	0.7922	1.0000	144	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090178	0.7760	1.0000	99	21/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090179	0.7760	0.2125	53.84	20/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090180	0.7760	1.0000	163	9/11/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090181	0.7796	1.0000	109	20/11/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090182	0.7760	0.2125	102	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090183	0.8184	1.0000	475.61	29/01/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090184	0.7922	1.0000	35.09	1/04/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090185	0.7796	1.0000	4	27/04/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090186	0.7922	1.0000	120	29/06/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090188	0.8222	1.0000	12.4	22/12/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090189	0.8222	1.0000	4	22/12/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090190	0.7760	0.2125	15	18/07/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090191	0.7760	0.2124	3.3	29/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090192	0.7760	0.2124	3.3	28/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090193	0.7834	1.0000	606	27/03/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090194	0.8488	1.0000	160	1/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090195	0.8100	1.0000	54.5	3/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090196	0.8100	1.0000	179	2/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090197	0.8100	1.0000	136	9/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090198	0.7796	0.2125	100	9/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090200	0.8100	1.0000	140	13/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090201	0.8100	1.0000	175	13/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090202	0.7796	1.0000	69.6	13/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090203	0.7796	1.0000	33	14/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090204	0.8100	1.0000	54.5	14/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090205	0.7760	0.2125	160	15/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090206	0.8100	1.0000	160	15/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090207	0.7796	1.0000	74	15/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090208	0.7796	1.0000	72	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090209	0.8100	1.0000	171	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090210	0.8100	1.0000	117	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090211	0.7796	1.0000	100	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090212	0.7760	0.2125	445	21/03/1975	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090213	0.7919	1.0000	137	28/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090214	0.8100	1.0000	147	28/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090215	0.7796	1.0000	205	8/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090216	0.7796	1.0000	118	16/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090217	0.7916	1.0000	17.6	4/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090218	0.7796	1.0000	88	3/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090219	0.7916	1.0000	74	2/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090220	0.7796	1.0000	142	3/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090221	0.7919	1.0000	94	9/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090222	0.7796	1.0000	97	8/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090223	0.8222	0.1250	160	15/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090224	0.7922	1.0000	6	15/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090225	0.8222	1.0000	70.5	18/09/1977	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090226	0.7952	1.0000	97	31/01/1989	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090227	0.7916	1.0000	26	11/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090228	0.7760	0.2125	164	12/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090229	0.7919	1.0000	21	12/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090230	0.7919	1.0000	37	12/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090231	0.8122	1.0000	10	30/09/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090232	0.8100	1.0000	160	10/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090233	0.8184	1.0000	122	1/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090243	0.8488	1.0000	114.73	10/06/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090244	0.8488	1.0000	255.88	1/06/2004	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310090247	0.8488	1.0000	3.65	20/11/1982	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090248	0.8488	1.0000	97	28/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090249	0.8488	1.0000	42	22/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090251	0.8488	1.0000	706.9	19/10/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090252	0.9700	1.0000	256	6/02/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090253	0.9700	1.0000	110	6/02/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090254	0.9700	1.0000	223	28/04/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090255	0.8488	1.0000	91	12/11/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090256	0.8488	1.0000	21	9/12/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090257	0.8488	1.0000	1	9/12/1993	HBP, Producing	Shallow Only Unspcfd
NY	O&G	Empire Energy E&P, LLC	310090258	0.8488	1.0000	8	2/06/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090259	0.8488	1.0000	4.89	5/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090260	0.8488	0.2500	8.83	24/09/1995	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090261	0.8488	1.0000	353	27/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090262	0.9700	1.0000	155	12/10/2099	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090263	0.8488	1.0000	35.5	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090264	0.8488	1.0000	105.35	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090265	0.8488	1.0000	153.15	31/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090266	0.8488	1.0000	66.3	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090267	0.8488	1.0000	131.9	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090268	0.8488	1.0000	27	10/07/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090269	0.8488	1.0000	415	6/07/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090270	0.8488	1.0000	159.05	19/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090271	0.9700	1.0000	215	25/10/2099	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090272	0.8488	1.0000	2.75	4/12/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090273	0.8924	0.5000	41	28/09/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090274	0.8924	0.5000	30.28	27/09/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090275	0.8488	0.5000	4.59	21/06/2003	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090276	0.8488	0.5000	237	16/05/2006	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090277	0.8924	1.0000	9.5	26/09/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090278	0.8924	1.0000	6.25	3/10/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090280	0.8488	1.0000	103	25/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090495	0.8488	1.0000	139.85	29/11/2026	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090536	0.8488	1.0000	54	27/03/2071	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090538	0.7760	0.2125	2.75	28/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090539	0.7760	0.2125	3	29/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090540	0.7760	0.2125	4.2	29/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090541	0.8488	1.0000	101	28/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090552	0.8750	1.0000	196	5/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090554	0.8750	1.0000	143	11/02/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090555	0.8750	1.0000	151	18/04/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090556	0.8750	1.0000	42	16/02/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090557	0.8750	1.0000	297.00	13/07/1935	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090558	0.8750	1.0000	203.04	23/06/1999	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090559	0.8750	1.0000	308.00	2/08/1998	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090560	0.8750	1.0000	98.00	18/09/1998	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090561	0.8750	1.0000	88.00	2/06/1997	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090562	0.8750	1.0000	140.00	4/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090563	0.8750	1.0000	8.45	10/06/1997	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090564	0.8750	1.0000	10.27	24/09/1998	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090565	0.8750	1.0000	60.00	28/10/1996	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090566	0.8750	1.0000	60.90	6/08/1999	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090567	0.8750	1.0000	76.20	15/03/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090568	0.8750	1.0000	65.04	15/09/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090569	0.8750	1.0000	117.96	28/08/1996	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090570	0.8750	1.0000	84.00	29/05/1997	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090571	0.8750	1.0000	5.86	29/05/1997	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090572	0.8750	1.0000	140.00	24/06/1999	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090573	0.8750	1.0000	72.00	10/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090574	0.8750	1.0000	230.00	10/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090575	0.8750	1.0000	151.00	4/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090576	0.8750	1.0000	217.00	24/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090577	0.8750	1.0000	46.98	24/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090578	0.8750	1.0000	200.00	29/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090579	0.8750	1.0000	114.00	29/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090580	0.8750	1.0000	202.00	1/12/1973	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090581	0.8750	1.0000	236.00	5/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090582	0.8750	1.0000	56.00	4/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090583	0.8750	1.0000	69.00	3/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090584	0.8750	1.0000	95.93	7/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090585	0.8750	1.0000	2.63	7/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090586	0.8750	1.0000	192.00	28/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090587	0.8750	1.0000	184.00	28/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090588	0.8750	1.0000	106.00	24/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090589	0.8750	1.0000	227.00	30/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090590	0.8750	1.0000	4.00	12/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090591	0.8750	1.0000	200.00	18/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090592	0.8750	1.0000	98.00	18/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090593	0.8750	1.0000	378.00	16/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090594	0.8750	1.0000	88.88	18/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090595	0.8750	1.0000	210.00	3/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090596	0.8750	1.0000	2.00	3/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090597	0.8750	1.0000	119.28	25/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090598	0.8750	1.0000	11.28	21/12/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090599	0.8750	1.0000	225.00	29/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090600	0.8750	1.0000	80.00	25/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090601	0.8750	1.0000	83.76	3/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090602	0.8750	1.0000	106.21	30/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090603	0.8750	1.0000	15.08	14/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090604	0.8750	1.0000	41.00	29/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090605	0.8750	1.0000	372.00	12/07/1973	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090606	0.8750	1.0000	172.00	21/10/1980	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310090607	0.8750	1.0000	99.00	26/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090608	0.8750	1.0000	202.00	29/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090609	0.8750	1.0000	212.78	1/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090610	0.8750	1.0000	11.25	21/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090611	0.8750	1.0000	129.00	29/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090612	0.8750	1.0000	75.00	29/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090613	0.8750	1.0000	153.00	16/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090614	0.8750	1.0000	177.00	24/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090615	0.8750	1.0000	192.00	31/07/1967	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090616	0.8750	1.0000	147.02	5/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090617	0.8750	1.0000	75.00	5/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090618	0.8750	1.0000	57.83	20/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090619	0.8750	1.0000	100.00	2/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090620	0.8750	1.0000	160.00	28/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090621	0.8750	1.0000	111.58	6/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090622	0.8750	1.0000	45.50	29/11/1976	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090623	0.8750	1.0000	184.78	7/08/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090624	0.8750	1.0000	95.69	25/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090625	0.8750	1.0000	200.00	14/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090626	0.8750	1.0000	123.50	30/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090627	0.8750	1.0000	64.47	25/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090628	0.8750	1.0000	250.00	15/05/1976	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090629	0.8750	1.0000	191.00	8/12/1961	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090630	0.8750	1.0000	401.00	28/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090631	0.8750	1.0000	160.00	5/04/1973	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090632	0.8750	1.0000	109.50	1/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090633	0.8750	1.0000	240.00	25/10/1960	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090634	0.8750	1.0000	143.00	27/07/1967	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090635	0.8750	1.0000	100.00	12/06/1973	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090636	0.8750	1.0000	204.68	18/08/1999	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090637	0.8750	1.0000	138.24	30/06/1999	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090638	0.8750	1.0000	211.00	4/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090639	0.8750	1.0000	8.65	28/09/1998	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090640	0.8750	1.0000	250.00	15/05/1976	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090641	0.8750	1.0000	90.00	3/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090642	0.8750	1.0000	4.20	20/05/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090643	0.8750	1.0000	155.00	24/08/2000	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090644	0.8750	1.0000	118.00	26/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090645	0.8750	1.0000	412.00	9/05/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090646	0.8750	1.0000	141.60	17/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090647	0.8750	1.0000	24.19	28/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090648	0.8750	1.0000	344.00	21/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090649	0.8750	1.0000	234.17	3/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090650	0.8750	1.0000	250.00	14/02/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090651	0.8750	1.0000	262.50	25/05/1964	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090652	0.8750	1.0000	85.27	20/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090653	0.8750	1.0000	200.00	2/06/1926	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090654	0.8750	1.0000	47.30	11/01/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090655	0.8750	1.0000	64.00	11/07/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090656	0.8750	1.0000	1.50	26/09/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090657	0.8750	1.0000	250.00	14/02/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090658	0.8750	1.0000	160.00	23/08/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090659	0.8750	1.0000	131.42	27/08/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090660	0.8750	1.0000	6.60	9/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090661	0.8750	1.0000	401.00	7/01/1974	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090662	0.8750	1.0000	4.98	6/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090663	0.8750	1.0000	17.83	21/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090664	0.8750	1.0000	11.25	21/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090665	0.8750	1.0000	77.01	11/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090666	0.8750	1.0000	4.35	19/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090667	0.8750	1.0000	11.58	10/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090668	0.8750	1.0000	6.86	29/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090669	0.8750	1.0000	6.30	29/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090670	0.8750	1.0000	262.00	12/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090671	0.8750	1.0000	132.00	28/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090672	0.8750	1.0000	184.00	28/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090673	0.8750	1.0000	12.50	9/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090674	0.8750	1.0000	122.00	23/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090675	0.8750	1.0000	15.61	1/02/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090676	0.8750	1.0000	37.45	12/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090677	0.8750	1.0000	94.95	30/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090678	0.8750	1.0000	2.49	16/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090679	0.8750	1.0000	1.23	6/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090680	0.8750	1.0000	34.01	27/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090681	0.8750	1.0000	16.34	24/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090682	0.8750	1.0000	85.27	20/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090683	0.8750	1.0000	4.44	28/11/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090684	0.8750	1.0000	105.00	7/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090685	0.8750	1.0000	9.30	23/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090686	0.8750	1.0000	132.00	28/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090687	0.8750	1.0000	23.35	22/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090688	0.8750	1.0000	375.00	29/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090689	0.8750	1.0000	415.00	9/05/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090690	0.8750	1.0000	127.00	25/07/1967	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090691	0.8750	1.0000	31.08	24/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090692	0.8750	1.0000	94.95	26/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090693	0.8313	1.0000	130	23/05/1972	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090694	0.8313	1.0000	370	23/05/1972	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090695	0.8313	1.0000	122	25/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090696	0.8313	1.0000	100	25/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090697	0.8313	1.0000	153	25/07/2018	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090698	0.8313	1.0000	116.63	22/05/1987	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310090699	0.8313	1.0000	120	28/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090700	0.8313	1.0000	61	19/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090701	0.8313	1.0000	74	19/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090702	0.8313	1.0000	73	25/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090703	0.8313	1.0000	39	25/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090704	0.8313	1.0000	120	13/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090705	0.8313	1.0000	212	21/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090706	0.8313	1.0000	190	25/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090707	0.8313	1.0000	38	24/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090708	0.8313	1.0000	145.4	11/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090709	0.8313	1.0000	192	26/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090710	0.8313	1.0000	23	6/08/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090711	0.8313	1.0000	55	28/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090712	0.8313	1.0000	72	28/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090713	0.8313	1.0000	17	28/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090714	0.8313	1.0000	120	8/05/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090715	0.8313	1.0000	88.95	27/12/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090716	0.8313	1.0000	84	21/11/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090717	0.8313	1.0000	10	13/06/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110073	0.8488	1.0000	113.4	11/12/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110128	0.8488	1.0000	4	11/12/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110238	0.8148	1.0000	327.3	10/06/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110254	0.8488	1.0000	63.02	12/06/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110255	0.8488	1.0000	122.3	19/06/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110262	0.8488	1.0000	97	16/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110263	0.8488	1.0000	7.9	17/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110264	0.8488	1.0000	15	18/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110266	0.8488	1.0000	1.8	18/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110267	0.8488	1.0000	4	20/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110268	0.8488	1.0000	2.1	24/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110269	0.8488	1.0000	152.62	1/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110270	0.8488	1.0000	1.2	5/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110295	0.8488	1.0000	12.6	27/04/2024	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110299	0.8488	1.0000	66.31	25/01/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110304	0.8488	1.0000	122	24/05/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110334	0.8488	1.0000	1	19/06/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110343	0.8488	1.0000	1.05	9/07/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110358	0.8488	1.0000	10.15	31/07/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110361A	0.8488	1.0000	50	27/07/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110465	0.8488	1.0000	119	1/04/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110502	0.8488	1.0000	1	24/05/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110503	0.8488	1.0000	30.24	28/06/2105	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110504	0.8488	1.0000	1.8	28/06/2105	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110506	0.8488	1.0000	1.01	28/06/2105	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110516	0.8488	1.0000	65.4	28/04/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110526	0.8488	1.0000	2.4	22/05/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110529	0.8488	1.0000	2.09	20/06/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110532	0.8488	1.0000	1.01	5/06/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130001	0.8488	1.0000	87.5	8/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130002	0.8488	1.0000	11.1	25/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130003	0.8488	1.0000	4.4	24/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130004	0.8488	1.0000	63	21/09/1989	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130005	0.8488	1.0000	107	20/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130006	0.8488	1.0000	3.12	22/10/1989	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130007	0.8222	1.0000	150	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130008	0.8488	1.0000	205	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130009	0.8222	0.5500	88	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130010	0.8488	0.5500	105	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130011	0.7970	0.1250	4	4/05/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130012	0.8488	0.2125	85	1/03/1986	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130013	0.7967	0.1250	254	5/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130014	0.7957	0.1250	178.5	23/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130015	0.7970	0.1250	100	23/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130016	0.7957	0.1250	150	23/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130017	0.7957	0.1250	110	24/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130018	0.7970	0.1250	85	4/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130019	0.8488	1.0000	178.2	4/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130020	0.7957	0.1250	103	4/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130021	0.8488	1.0000	100	7/08/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130023	0.8083	0.0242	30	15/12/1989	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130024	0.8083	0.0242	25	15/12/1989	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130025	0.8488	1.0000	50.2	9/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130026	0.8488	1.0000	101.1	2/05/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130027	0.8488	1.0000	6.2	27/10/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130028	0.8488	1.0000	102	10/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130029	0.8488	1.0000	34.6	10/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130030	0.8488	1.0000	52.9	20/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130031	0.8488	1.0000	124	31/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130032	0.8488	1.0000	216	7/11/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130033	0.8488	1.0000	35.6	16/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130034	0.8488	1.0000	129	19/06/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130035	0.7881	1.0000	365	6/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130036	0.8488	1.0000	32.5	19/12/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130037	0.8488	1.0000	133.9	1/08/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130038	0.8488	1.0000	68.8	29/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130039	0.8488	1.0000	13.5	15/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130040	0.8488	1.0000	61.4	1/06/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130041	0.8488	1.0000	27.7	24/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130042	0.8488	1.0000	84.5	22/07/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130043	0.8488	1.0000	164.6	13/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130044	0.8488	1.0000	114.3	13/02/1981	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130045	0.8488	1.0000	117.8	15/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130046	0.8488	1.0000	198.6	3/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130047	0.8488	1.0000	119	15/09/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130048	0.8488	1.0000	108.9	12/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130049	0.8488	1.0000	100		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130050	0.8488	1.0000	38.5	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130051	0.8488	1.0000	52.3	29/11/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130052	0.8488	1.0000	45	18/05/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130053	0.8488	1.0000	85.5	3/05/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130054	0.8488	1.0000	35	18/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130055	0.8488	1.0000	31	27/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130056	0.8488	1.0000	127.2	15/08/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130057	0.8488	1.0000	38.4	16/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130058	0.8488	1.0000	115.9	23/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130059	0.8488	1.0000	72	19/10/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130060	0.8488	1.0000	4.5	1/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130062	0.8488	1.0000	65.5	4/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130063	0.8488	1.0000	160	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130064	0.8488	1.0000	15.77	20/08/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130065	0.8222	1.0000	47.07	14/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130066	0.8222	1.0000	35	11/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130067	0.8488	1.0000	100	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130068	0.7881	1.0000	212.6	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130069	0.8488	1.0000	178.9	7/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130070	0.8488	1.0000	102	6/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130071	0.8488	1.0000	47.4	17/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130072	0.8488	1.0000	64	3/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130073	0.8488	1.0000	97	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130074	0.8488	1.0000	80.2	7/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130075	0.8488	1.0000	180	9/08/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130076	0.8488	1.0000	98	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130077	0.8488	1.0000	2.2	17/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130078	0.7275	1.0000	36.8	14/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130079	0.8488	1.0000	1	24/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130080	0.8488	1.0000	9.4	21/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130081	0.8488	1.0000	2.7	23/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130082	0.8488	1.0000	52.7	21/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130083	0.8488	1.0000	13.3	22/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130084	0.8488	1.0000	29.2	22/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130085	0.8488	1.0000	7.9	24/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130086	0.8488	1.0000	15.6	10/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130087	0.8488	1.0000	34.5	16/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130088	0.8488	1.0000	30	4/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130089	0.8488	1.0000	38.3	27/08/1981	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130090	0.8488	1.0000	11.7	6/02/1982	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130091	0.8488	1.0000	27.7	30/06/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130092	0.8488	1.0000	1	17/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130093	0.8488	1.0000	65.2	15/06/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130094	0.8488	1.0000	20.1	3/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130095	0.7275	1.0000	25	15/06/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130097	0.8488	1.0000	328	28/02/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130098	0.7881	1.0000	147	3/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130099	0.8488	1.0000	12.9	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130100	0.7881	1.0000	91	12/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130101	0.8488	1.0000	96.5	2/12/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130102	0.8222	1.0000	200	20/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130103	0.7275	1.0000	56.4	10/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130104	0.8488	1.0000	25	10/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130105	0.8488	1.0000	9.6	26/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130106	0.8488	1.0000	1	3/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130107	0.8488	1.0000	65.5	9/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130108	0.8488	1.0000	7	16/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130109	0.7881	1.0000	1.5	15/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130110	0.7881	1.0000	10	15/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130111	0.7881	1.0000	28.9	14/11/1975	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130112	0.8488	1.0000	2.6	27/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130113	0.7881	1.0000	8.5	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130114	0.8488	1.0000	3.1	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130115	0.8488	1.0000	11.5	20/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130116	0.7881	1.0000	2.9	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130117	0.8488	1.0000	59	28/05/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130118	0.8488	1.0000	72	14/04/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130119	0.8488	1.0000	70.3	11/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130120	0.8488	1.0000	65	16/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130121	0.8488	1.0000	5	12/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130122	0.8488	1.0000	1	10/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130123	0.8488	1.0000	93.6	25/08/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130124	0.8488	1.0000	18.5	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130125	0.8488	1.0000	15	11/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130126	0.8488	1.0000	42	25/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130127	0.8488	1.0000	113.2	30/12/1976	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130128	0.8488	1.0000	20	30/09/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130129	0.8488	1.0000	1.1	27/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130130	0.8488	1.0000	2.8	27/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130131	0.8488	1.0000	1	24/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130132	0.7881	1.0000	23.1	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130133	0.7881	1.0000	1	24/05/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130134	0.8488	1.0000	41.3	30/04/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130135	0.8222	1.0000	138.9	29/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130136	0.8488	1.0000	4.58	1/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130137	0.7275	1.0000	19.6	29/11/1981	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130138	0.8488	1.0000	41.06	20/05/1985	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130139	0.8222	1.0000	97	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130140	0.8488	1.0000	6	23/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130141	0.8488	1.0000	46.9	20/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130142	0.8488	1.0000	39.6	21/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130143	0.8488	1.0000	20.3	26/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130144	0.8488	1.0000	62.6	26/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130145	0.8488	1.0000	18.4	26/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130146	0.8488	1.0000	3.8	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130147	0.8488	1.0000	3	30/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130148	0.8488	1.0000	10	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130149	0.8488	1.0000	69.6	8/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130150	0.8488	1.0000	106	2/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130151	0.7881	1.0000	139	10/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130153	0.7881	1.0000	194	6/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130154	0.7275	1.0000	80	9/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130155	0.8488	1.0000	75	26/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130157	0.7881	1.0000	111	3/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130158	0.7881	1.0000	25	4/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130159	0.7881	1.0000	211	3/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130160	0.7881	1.0000	100	10/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130161	0.8488	1.0000	4.7	23/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130162	0.8488	1.0000	45.6	13/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130163	0.8488	1.0000	45	11/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130164	0.8222	1.0000	50	17/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130165	0.7881	1.0000	98	16/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130166	0.7881	1.0000	105	18/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130167	0.7881	1.0000	1.5	5/05/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130168	0.7881	1.0000	96	6/01/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130169	0.8488	1.0000	168	12/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130170	0.8488	1.0000	29.4	22/07/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130171	0.8488	1.0000	2.9	26/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130172	0.8488	1.0000	21.1	10/11/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130173	0.8488	1.0000	43.8	20/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130174	0.8488	1.0000	3	27/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130175	0.8488	1.0000	40.2	6/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130177	0.7881	1.0000	62	15/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130179	0.7881	1.0000	148	15/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130180	0.8488	1.0000	1.5	21/10/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130181	0.7881	1.0000	77	16/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130182	0.8488	1.0000	81.7	18/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130183	0.7881	1.0000	265	4/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130184	0.7881	1.0000	227	25/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130185	0.8488	1.0000	5.9	24/02/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130186	0.7881	1.0000	197	26/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130187	0.8488	1.0000	14	13/04/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130188	0.8488	1.0000	14	31/03/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130189	0.7881	1.0000	132	10/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130190	0.8488	1.0000	10	4/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130191	0.8488	1.0000	14	15/12/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130192	0.8488	1.0000	4.2	20/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130193	0.8488	1.0000	2.7	20/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130194	0.8488	1.0000	3.7	7/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130195	0.7881	1.0000	203.05	5/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130196	0.7881	1.0000	82.6	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130197	0.8488	1.0000	200	5/04/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130198	0.8488	1.0000	0.53	9/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130199	0.8488	1.0000	2.5	26/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130200	0.7881	1.0000	50	23/02/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130201	0.8184	1.0000	1416	20/08/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130202	0.8488	1.0000	52	8/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130203	0.8488	1.0000	66	12/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130204	0.8488	1.0000	10	17/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130205	0.8488	1.0000	18	6/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130206	0.8488	1.0000	4	15/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130207	0.8488	1.0000	9	5/12/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130208	0.7881	1.0000	124	26/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130209	0.7881	1.0000	10	28/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130210	0.8488	1.0000	76	12/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130211	0.8488	1.0000	273.1	21/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130212	0.8488	1.0000	49	22/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130213	0.8222	1.0000	50	7/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130214	0.8222	1.0000	30	26/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130215	0.8488	1.0000	103.6	22/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130216	0.8184	1.0000	76	7/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130217	0.8488	1.0000	25.6	22/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130218	0.8488	1.0000	50	3/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130219	0.7881	1.0000	196	21/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130220	0.8488	1.0000	1.7	23/04/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130221	0.7275	1.0000	40	14/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130222	0.8222	1.0000	10	19/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130223	0.8222	1.0000	173	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130224	0.8222	1.0000	87	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130225	0.8222	1.0000	5.7	21/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130226	0.7881	1.0000	100	11/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130227	0.8222	1.0000	42	20/06/1974	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130228	0.8488	1.0000	4.6	15/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130229	0.8488	1.0000	35.8	25/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130230	0.8488	1.0000	24.5	18/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130231	0.8488	1.0000	36.7	22/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130232	0.8488	1.0000	41	6/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130233	0.8488	1.0000	1.5	9/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130234	0.8184	1.0000	61.4	25/06/1985	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130235	0.8488	1.0000	16	14/03/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130236	0.8488	1.0000	1.6	10/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130237	0.8222	1.0000	271	26/07/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130238	0.7881	1.0000	89	13/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130239	0.8222	1.0000	77	28/06/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130240	0.8488	1.0000	108.6	10/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130241	0.8488	1.0000	59.4	10/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130242	0.8224	1.0000	456	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130243	0.8488	1.0000	5.9	20/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130244	0.8488	1.0000	125.3	10/07/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130245	0.7881	1.0000	252	12/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130246	0.8488	1.0000	137	29/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130247	0.8488	1.0000	50	22/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130248	0.8488	1.0000	93.4	31/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130249	0.7881	1.0000	225	15/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130250	0.8488	1.0000	4.7	12/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130251	0.8488	1.0000	28	22/03/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130252	0.8488	1.0000	22	18/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130253	0.8488	1.0000	5	4/11/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130254	0.8488	1.0000	0.77	18/10/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130255	0.8488	1.0000	4.4	5/11/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130256	0.8488	1.0000	5.7	5/11/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130257	0.7881	1.0000	58	28/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130258	0.8488	1.0000	35.2	11/08/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130259	0.8488	1.0000	18	21/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130260	0.8488	1.0000	1.4	21/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130262	0.8222	1.0000	142	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130263	0.8488	1.0000	2.9	10/07/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130264	0.8488	1.0000	73	18/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130265	0.8488	1.0000	128	30/11/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130266	0.8488	1.0000	71.5	15/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130267	0.8222	1.0000	27.3	7/12/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130268	0.8488	1.0000	87	28/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130269	0.8222	1.0000	2.9	22/12/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130270	0.8488	1.0000	72	16/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130271	0.8488	1.0000	85	9/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130272	0.8222	1.0000	102.5	15/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130273	0.8488	1.0000	33.8	29/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130274	0.8488	1.0000	4.7	30/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130275	0.8488	1.0000	5.3	29/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130276	0.8488	1.0000	9.3	17/03/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130277	0.8488	1.0000	201.4	20/12/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130278	0.8488	1.0000	1	23/05/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130279	0.8488	1.0000	1.64	25/08/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130280	0.8488	1.0000	14.84	28/12/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130281	0.8488	1.0000	72.87	31/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130282	0.8222	1.0000	60	15/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130283	0.8488	1.0000	37.7	8/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130284	0.8488	1.0000	48.3	8/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130285	0.8488	1.0000	17.8	28/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130286	0.8488	1.0000	126.5	15/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130287	0.7881	1.0000	165	15/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130288	0.8488	1.0000	50	28/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130289	0.8488	1.0000	31.3	10/04/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130290	0.8488	1.0000	34	24/04/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130291	0.8488	1.0000	25	31/08/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130292	0.8488	1.0000	43	20/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130293	0.8488	1.0000	55	7/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130294	0.8488	1.0000	133.3	22/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130295	0.7881	1.0000	62.5	24/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130296	0.7881	1.0000	136	21/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130297	0.8488	1.0000	32.4	28/04/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130298	0.8488	1.0000	19.6	17/08/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130299	0.8488	1.0000	2	2/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130300	0.8488	1.0000	10	27/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130301	0.8488	1.0000	1	4/12/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130304	0.8222	1.0000	60		HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130305	0.8222	1.0000	215	31/05/1974	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130306	0.8488	1.0000	3.5	18/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130307	0.8488	1.0000	2	10/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130308	0.8488	1.0000	19.8	25/03/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130309	0.7881	1.0000	191	28/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130310	0.7881	1.0000	90	8/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130311	0.8488	1.0000	3	7/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130312	0.8488	1.0000	10.6	16/06/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130313	0.8488	1.0000	1.7	16/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130314	0.8488	1.0000	116	11/04/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130315	0.7881	1.0000	135	14/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130316	0.8488	1.0000	96.879	18/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130317	0.8488	1.0000	3	5/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130318	0.8488	1.0000	2	3/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130319	0.8222	1.0000	242	31/05/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130320	0.8222	1.0000	20	19/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130321	0.8222	1.0000	50	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130322	0.8184	1.0000	146	7/05/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130323	0.8488	1.0000	281.7	12/02/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130324	0.8222	1.0000	250	14/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130325	0.8222	1.0000	38.2	20/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130326	0.8488	1.0000	2.3	22/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130327	0.8488	1.0000	257	16/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130328	0.8488	1.0000	53.4	7/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130329	0.8488	1.0000	75	11/01/1990	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130330	0.7957	1.0000	56	11/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130331	0.8488	1.0000	5	16/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130332	0.8488	1.0000	30	10/02/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130333	0.8488	1.0000	12		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130334	0.8488	1.0000	15.9	3/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130335	0.8488	1.0000	77.9	2/07/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130336	0.8488	1.0000	5.1	23/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130337	0.8488	1.0000	116	24/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130338	0.7881	1.0000	109	18/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130339	0.7275	1.0000	1.32	12/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130340	0.8095	1.0000	16.7	6/01/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130341	0.8488	1.0000	29.9	18/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130342	0.8488	1.0000	9.2	31/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130343	0.8488	1.0000	9	2/06/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130344	0.8488	1.0000	22.3	9/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130346	0.8488	1.0000	25	15/09/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130347	0.8488	1.0000	185.5	12/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130348	0.8488	1.0000	50	8/09/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130349	0.8488	1.0000	33.5	11/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130350	0.8488	1.0000	92.6	28/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130351	0.8488	1.0000	15.2		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130353	0.8488	1.0000	160	20/06/1974	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130354	0.8222	1.0000	183.5	31/05/1974	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130355	0.7881	1.0000	40	1/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130356	0.7881	1.0000	50	2/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130357	0.7926	1.0000	6.1	13/03/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130358	0.8488	1.0000	1.9	13/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130359	0.8488	1.0000	0.4	13/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130360	0.8488	1.0000	1.9	13/03/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130361	0.8488	1.0000	4	13/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130362	0.7881	1.0000	31	2/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130363	0.7881	1.0000	87	31/07/1974	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130364	0.8488	1.0000	36	11/06/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130365	0.8222	1.0000	60	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130366	0.8488	1.0000	49	16/04/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130367	0.8488	1.0000	85	28/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130368	0.7881	1.0000	100	21/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130369	0.7881	1.0000	78	4/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130370	0.8222	1.0000	215	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130371	0.8488	1.0000	162	16/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130372	0.8488	1.0000	6.1	14/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130373	0.8488	1.0000	20	8/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130374	0.8488	1.0000	7	9/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130375	0.8222	1.0000	77	26/06/1974	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130376	0.8357	1.0000	11.3	31/01/1991	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130377	0.8488	1.0000	9.3	13/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130378	0.8488	1.0000	4.6	12/11/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130379	0.8488	1.0000	1	4/05/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130380	0.8488	1.0000	1	9/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130381	0.8488	1.0000	1.3	9/05/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130382	0.7881	1.0000	13	14/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130383	0.7881	1.0000	60	6/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130384	0.8488	1.0000	314.5	18/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130385	0.7881	1.0000	135	9/01/1976	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130386	0.7881	1.0000	40.3	4/02/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130387	0.8488	1.0000	3.2	15/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130388	0.8488	1.0000	2.9	15/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130389	0.8488	1.0000	35	15/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130390	0.8488	1.0000	103	15/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130391	0.7881	1.0000	920.2	30/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130392	0.8488	1.0000	170	20/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130393	0.8488	1.0000	125.4	19/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130394	0.8488	1.0000	15.4	10/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130395	0.8488	1.0000	12.7	31/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130396	0.8488	1.0000	40	7/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130397	0.8222	1.0000	62.8	15/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130398	0.7275	1.0000	135	15/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130399	0.8488	1.0000	135.3	14/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130400	0.8488	1.0000	16	9/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130401	0.8488	1.0000	8	27/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130402	0.8488	1.0000	8	3/03/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130403	0.8488	1.0000	50.5	6/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130404	0.8488	1.0000	42	11/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130405	0.8488	1.0000	13.63	5/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130406	0.8488	1.0000	7.06	5/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130407	0.8488	1.0000	41	26/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130408	0.8222	1.0000	317	28/05/2035	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130410	0.7881	1.0000	89.2	21/01/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130411	0.8488	1.0000	37	13/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130414	0.8488	1.0000	43	29/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130415	0.8488	1.0000	0.49	31/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130416	0.8488	1.0000	321.3	26/10/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130417	0.8488	1.0000	20.2	16/06/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130418	0.8488	1.0000	50	17/04/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130419	0.8488	1.0000	17.8	10/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130420	0.8488	1.0000	85	15/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130421	0.8488	1.0000	3	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130422	0.8488	1.0000	1.5	8/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130423	0.8488	1.0000	31.2	10/07/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130424	0.8488	1.0000	126	20/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130425	0.8488	1.0000	15	31/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130426	0.8488	1.0000	11	28/02/1987	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130427	0.8222	1.0000	204	14/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130428	0.8222	1.0000	36	14/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130429	0.7881	1.0000	201	19/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130430	0.8488	1.0000	79.3	15/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130431	0.8488	1.0000	80	28/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130432	0.8222	1.0000	50	5/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130433	0.8488	1.0000	7	4/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130434	0.8488	1.0000	8.7	23/02/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130435	0.8488	1.0000	24	7/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130436	0.8488	1.0000	43.8	8/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130437	0.7881	1.0000	174	3/11/1981	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310130438	0.8488	1.0000	27.9	19/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130439	0.8488	1.0000	4.3	24/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130440	0.8488	1.0000	7.9	9/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130441	0.8488	1.0000	5.9	6/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130442	0.8488	1.0000	2	3/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130443	0.8488	1.0000	5.1	26/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130444	0.8488	1.0000	3.6	25/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130445	0.8488	1.0000	24.4	28/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130446	0.7881	1.0000	44	24/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130447	0.8222	1.0000	170	14/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130449	0.7881	1.0000	68	18/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130450	0.8488	1.0000	0.3	30/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130451	0.8488	1.0000	18	4/10/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130452	0.8488	1.0000	31	11/06/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130453	0.8488	1.0000	71.5	30/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130454	0.8488	1.0000	20	21/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130455	0.8488	1.0000	160	23/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130456	0.8488	1.0000	6	14/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130457	0.8488	1.0000	70	5/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130458	0.8488	1.0000	107	5/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130459	0.8488	1.0000	2	19/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130460	0.8488	1.0000	2.8	27/09/1979	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130461	0.8488	1.0000	10	1/06/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130462	0.8488	1.0000	361	28/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130463	0.8488	1.0000	268.8	30/05/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130464	0.8488	1.0000	58	27/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130465	0.7881	1.0000	255	13/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130466	0.8488	1.0000	29	29/12/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130467	0.8488	1.0000	23.6	28/10/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130468	0.8488	1.0000	34.9	8/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130469	0.8488	1.0000	1	14/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130472	0.8488	1.0000	4	2/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130473	0.8488	1.0000	8.5	5/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130474	0.8488	1.0000	1.3	10/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130475	0.8488	1.0000	140.73	6/01/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130476	0.8488	1.0000	13.6	3/09/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130477	0.8488	1.0000	4	8/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130478	0.8488	1.0000	1	5/08/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130480	0.8222	1.0000	212	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130481	0.8488	1.0000	32	23/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130482	0.8222	1.0000	46.2	20/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130483	0.8488	1.0000	291.9	10/09/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130484	0.7881	1.0000	194	3/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130485	0.8488	1.0000	101.75	26/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130486	0.8184	1.0000	50.4	6/09/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130487	0.8488	1.0000	75.5	28/04/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130488	0.8488	1.0000	6.1	23/09/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130489	0.8488	1.0000	6.4	30/01/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130490	0.8488	1.0000	18	30/01/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130492	0.8488	1.0000	123.9	12/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130493	0.8222	1.0000	199	21/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130494	0.8222	1.0000	198	13/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130495	0.8488	1.0000	34.3	3/05/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130496	0.8488	1.0000	27.5	11/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130497	0.8488	1.0000	55.3	21/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130498	0.8488	1.0000	20	13/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130499	0.8488	1.0000	2.3	11/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130500	0.8488	1.0000	46.1	11/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130501	0.8488	1.0000	50	11/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130502	0.8488	1.0000	89.6	7/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130509	0.8488	1.0000	9.5	25/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130520	0.8488	1.0000	7	30/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130521	0.8488	1.0000	7.4	30/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130522	0.8488	1.0000	15	17/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130523	0.8488	1.0000	41.6	18/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130524	0.8488	1.0000	28	8/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130525	0.8222	1.0000	100	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130526	0.8222	1.0000	10.1	10/07/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130527	0.7881	1.0000	119	18/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130528	0.7881	1.0000	58	27/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130529	0.8488	1.0000	55.5	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130530	0.8488	1.0000	138	31/12/1990	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310130531	0.7881	1.0000	403.5	18/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130532	0.7881	1.0000	20	5/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130533	0.8488	1.0000	2.5	8/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130534	0.8488	1.0000	1	3/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130535	0.8488	1.0000	0.756	8/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130536	0.8488	1.0000	44	13/05/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130537	0.8488	1.0000	59	4/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130538	0.8488	1.0000	10	16/01/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130539	0.8488	1.0000	7.7	3/11/1990	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130540	0.7881	1.0000	90	21/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130541	0.7881	1.0000	10	19/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130543	0.8488	1.0000	116.6	17/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130544	0.7881	1.0000	34	19/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130545	0.7881	1.0000	10	30/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130546	0.7881	1.0000	10	19/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130547	0.7881	1.0000	18.5	19/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130548	0.8222	1.0000	124	18/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130549	0.8222	1.0000	179	30/05/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130550	0.8488	1.0000	3	28/02/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130551	0.8488	1.0000	120	9/01/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130552	0.7881	1.0000	321	12/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130553	0.8488	1.0000	103.5	15/11/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130554	0.8488	1.0000	182.5	5/06/2001	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130555	0.8488	1.0000	47.8	11/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130556	0.8488	1.0000	8	19/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130557	0.8488	1.0000	1	6/05/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130558	0.8488	1.0000	2.4	10/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130559	0.8488	1.0000	7.7	18/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130560	0.7881	1.0000	214	21/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130561	0.8488	1.0000	24.8	7/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130562	0.8488	1.0000	6.7	23/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130563	0.8488	1.0000	5.23	23/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130564	0.8488	1.0000	3.8	14/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130565	0.8488	1.0000	19.9	12/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130566	0.8488	1.0000	1.5	6/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130567	0.8488	1.0000	9.7	5/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130568	0.8488	1.0000	6	24/07/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130569	0.8488	1.0000	5.2	12/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130570	0.8222	1.0000	410	13/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130571	0.8222	1.0000	50	21/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130573	0.8488	1.0000	113.2	13/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130574	0.7881	1.0000	117	29/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130575	0.7881	1.0000	136	29/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130576	0.8488	1.0000	9	31/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130577	0.7881	1.0000	280	11/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130578	0.8488	1.0000	0.603	17/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130579	0.7881	1.0000	155	29/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130580	0.8488	1.0000	1	2/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130581	0.8488	1.0000	1	9/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130582	0.7881	1.0000	159	9/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130583	0.8488	1.0000	1	12/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130585	0.8488	1.0000	32.5	7/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130586	0.8184	1.0000	60	4/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130587	0.8488	1.0000	132	15/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130588	0.8488	1.0000	174.6	19/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130589	0.8488	1.0000	0.76	28/08/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130590	0.8488	1.0000	33.4	8/06/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130591	0.8488	1.0000	31.1	29/03/1979	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130592	0.8488	1.0000	32.3	24/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130593	0.8488	1.0000	19.1	22/10/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130594	0.8488	1.0000	17.4	24/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130595	0.8488	1.0000	46	7/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130596	0.8488	1.0000	41.4	15/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130597	0.8488	1.0000	14.5	24/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130598	0.8488	1.0000	170	31/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130599	0.8488	1.0000	60	22/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130600	0.8488	1.0000	61.1	14/08/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130601	0.7881	1.0000	60	5/01/1974	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130602	0.8488	1.0000	68.2	8/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130603	0.8488	1.0000	12.3	18/04/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130604	0.8488	1.0000	20	13/10/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130605	0.8488	1.0000	5	18/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130606	0.8488	1.0000	20	14/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130607	0.8488	1.0000	15	24/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130608	0.8488	1.0000	26.9	10/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130609	0.8488	1.0000	25	11/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130610	0.8488	1.0000	28.7	10/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130611	0.8488	1.0000	44	8/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130612	0.8488	1.0000	7.2	1/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130613	0.8488	1.0000	60.4	8/08/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130614	0.8488	1.0000	38.2	24/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130615	0.8488	1.0000	38.2	28/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130616	0.8488	1.0000	109.9	15/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130617	0.8488	1.0000	142.6	26/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130618	0.8488	1.0000	3	18/06/1987	HBP, Producing	
NY	O&G	Empire Energy E&P, LLC	310130619	0.8488	1.0000	28	25/07/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130620	0.8488	1.0000	74	2/07/2020	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130621	0.8488	1.0000	50	10/09/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130622	0.8488	1.0000	35	11/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130623	0.8488	1.0000	326	13/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130624	0.7881	1.0000	194	9/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130625	0.7881	1.0000	83	9/10/1973	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130626	0.8488	1.0000	1	8/07/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130627	0.8488	1.0000	4.5	27/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130628	0.8222	1.0000	283	22/08/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130629	0.7275	1.0000	190.3	25/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130630	0.8488	1.0000	1	13/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130631	0.8488	1.0000	0.53	13/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130632	0.7881	1.0000	44	11/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130633	0.8488	1.0000	23.1	30/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130634	0.8488	1.0000	47.4	30/09/1985	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130635	0.8488	1.0000	1.13	17/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130636	0.8488	1.0000	1.5	23/09/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130637	0.8488	1.0000	25.5	30/09/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130638	0.7881	1.0000	160	24/05/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130639	0.8488	1.0000	21.9	11/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130640	0.7881	1.0000	100	3/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130641	0.7881	1.0000	185	9/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130642	0.8488	1.0000	77.5	29/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130643	0.8488	1.0000	76.6	27/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130644	0.8488	1.0000	6	6/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130645	0.8222	1.0000	200	26/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130646	0.8488	1.0000	7	18/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130647	0.8488	1.0000	60.61	13/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130648	0.8488	1.0000	294	24/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130649	0.8488	1.0000	22.93	11/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130650	0.8488	1.0000	217	29/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130651	0.8488	1.0000	272	29/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130652	0.8488	1.0000	1.26	27/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130653	0.8488	1.0000	0.34	8/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130654	0.8488	1.0000	78	11/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130655	0.8488	1.0000	10.98	16/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130656	0.8222	1.0000	48	2/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130657	0.8488	1.0000	56.2	22/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130658	0.8488	1.0000	64.1	28/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130659	0.8488	1.0000	75	2/12/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130660	0.8184	1.0000	18.3	22/01/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130664	0.8488	1.0000	131	26/06/1989	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130665	0.8488	1.0000	93	26/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130666	0.8488	1.0000	50	1/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130667	0.8488	1.0000	86	10/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130668	0.7275	1.0000	21	20/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130669	0.8488	1.0000	73	22/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130670	0.8488	1.0000	147.2	29/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130671	0.8488	1.0000	73	28/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130672	0.8488	1.0000	86.8	29/05/1980	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130673	0.8488	1.0000	35.5	13/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130674	0.8488	1.0000	50	13/01/1988	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310130675	0.8488	1.0000	6.3	10/06/1983	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130676	0.8488	1.0000	6.7	10/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130677	0.8488	1.0000	1.8	9/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130678	0.8488	1.0000	4.5	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130679	0.7881	1.0000	63	30/09/1983	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130680	0.8488	1.0000	8.4	3/01/1982	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130681	0.8488	1.0000	13.2	18/06/1982	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130682	0.8488	1.0000	7.7	29/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130683	0.8488	1.0000	21.1	7/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130684	0.8488	1.0000	358.4	27/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130685	0.8488	1.0000	1.24	9/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130686	0.8488	1.0000	69.4	7/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130687	0.7881	1.0000	177	10/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130688	0.8488	1.0000	1	13/08/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130689	0.8488	1.0000	80.7	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130690	0.7881	1.0000	66.5	14/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130691	0.8488	1.0000	43.7	1/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130692	0.8488	1.0000	63.6	1/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130693	0.8488	1.0000	17	8/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130694	0.8488	1.0000	11	27/07/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130695	0.8488	1.0000	50	24/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130696	0.7881	1.0000	59	18/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130697	0.8360	1.0000	86	16/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130698	0.8488	1.0000	7.8	28/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130699	0.8488	1.0000	3.4	31/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130700	0.8488	1.0000	28.7	28/10/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130701	0.8488	1.0000	111.4	12/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130702	0.8488	1.0000	1.46	15/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130704	0.7881	1.0000	40	17/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130705	0.8488	1.0000	1.4	25/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130706	0.8488	1.0000	0.85	8/01/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130707	0.8488	1.0000	152.7	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130708	0.8488	1.0000	303.2	20/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130709	0.8488	1.0000	46.7	10/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130710	0.8488	1.0000	0.75	1/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130711	0.8488	1.0000	4.5	5/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130712	0.8488	1.0000	0.6	31/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130713	0.8488	1.0000	1.9	1/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130714	0.8488	1.0000	2.1	30/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130715	0.8488	1.0000	0.5	2/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130716	0.8488	1.0000	0.5	18/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130717	0.8488	1.0000	28	10/06/1983	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130718	0.8488	1.0000	1	6/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130719	0.8488	1.0000	7.4	14/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130720	0.8488	1.0000	4.1	7/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130721	0.8488	1.0000	4.7	6/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130722	0.8488	1.0000	19	13/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130723	0.8488	1.0000	72.5	10/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130724	0.8488	1.0000	22.17	12/03/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130725	0.8488	1.0000	168	2/08/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130726	0.7881	1.0000	336	10/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130728	0.8488	1.0000	151.8	10/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130729	0.7881	1.0000	18.5	19/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130730	0.7881	1.0000	36	17/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130731	0.7881	1.0000	492.3	18/04/1983	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130732	0.8488	1.0000	6	14/01/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130733	0.8488	1.0000	1	3/05/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130734	0.8488	1.0000	2.2	1/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130735	0.8488	1.0000	2.2	6/04/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130736	0.8488	1.0000	60	30/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130739	0.8488	1.0000	26.9	12/10/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130740	0.8488	1.0000	85	25/09/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130741	0.8488	1.0000	104	5/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130742	0.8488	1.0000	5	6/01/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130743	0.8488	1.0000	5	9/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130744	0.8488	1.0000	9	30/08/1979	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130745	0.8488	1.0000	13.5	31/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130746	0.8488	1.0000	19.3	16/07/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130750	0.7881	1.0000	319	10/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130751	0.8488	1.0000	129.4	19/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130752	0.8488	1.0000	96	28/08/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130754	0.8488	1.0000	131	28/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130755	0.8222	1.0000	68	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130756	0.8488	1.0000	18.3	24/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130757	0.7881	1.0000	18	29/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130760	0.8488	1.0000	100.1	13/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130761	0.8488	1.0000	60	28/08/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130762	0.8222	1.0000	239	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130763	0.8488	1.0000	10.2	12/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130764	0.8222	1.0000	197	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130765	0.8222	1.0000	27	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130766	0.8222	1.0000	268	15/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130767	0.8222	1.0000	49	20/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130768	0.8488	1.0000	99	3/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130770	0.8488	1.0000	87.7	13/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130771	0.8184	1.0000	32	4/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130772	0.8488	1.0000	7.4	27/01/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130773	0.8488	1.0000	3.8	22/04/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130774	0.7881	1.0000	112	13/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130775	0.8488	1.0000	5	9/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130776	0.8488	1.0000	2	11/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130777	0.8488	1.0000	20.6	2/12/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130778	0.8488	1.0000	10	22/10/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130779	0.7881	1.0000	28.5	24/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130780	0.7881	1.0000	143	16/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130781	0.8488	1.0000	81	21/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130783	0.8488	1.0000	1	14/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130784	0.8488	1.0000	1	17/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130785	0.8488	1.0000	1	22/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130786	0.8488	1.0000	1	14/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130787	0.8488	1.0000	1	8/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130788	0.8488	1.0000	43.2	21/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130789	0.8488	1.0000	123.9	19/05/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130790	0.8488	1.0000	174.4	19/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130791	0.8488	1.0000	17.5	18/12/1981	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130792	0.8488	1.0000	25.6	6/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130793	0.8488	1.0000	8.92	17/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130794	0.8488	1.0000	44	11/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130795	0.8488	1.0000	2.5	10/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130796	0.8488	1.0000	2.8	12/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130797	0.8488	1.0000	2.8	10/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130798	0.7881	1.0000	26	23/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130799	0.7881	1.0000	91	6/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130800	0.8488	1.0000	21.936	21/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130802	0.8095	1.0000	1	29/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130803	0.8095	1.0000	9.8	29/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130804	0.8488	1.0000	149.7	2/07/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130805	0.7881	1.0000	41	18/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130807	0.7881	1.0000	10	9/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130808	0.8488	1.0000	8.2	16/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130809	0.8488	1.0000	2	3/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130810	0.8488	1.0000	1.5	12/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130811	0.8488	1.0000	1.3	20/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130812	0.7881	1.0000	1185	19/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130813	0.8488	1.0000	538	19/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130814	0.8488	1.0000	1	9/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130815	0.8488	1.0000	2.7	23/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130816	0.8488	1.0000	0.83	23/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130817	0.8488	1.0000	8.1	30/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130818	0.8488	1.0000	3	20/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130819	0.8488	1.0000	2	7/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130820	0.8488	1.0000	54.3	6/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130821	0.8488	1.0000	17.82	17/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130822	0.8488	1.0000	18	29/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130824	0.8488	1.0000	22	7/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130825	0.8488	1.0000	2.3	7/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130826	0.8488	1.0000	10	30/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130828	0.8488	1.0000	3.3	16/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130829	0.8488	1.0000	35	28/09/1986	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130830	0.8488	1.0000	35	28/09/1986	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130831	0.7544	1.0000	119.9	1/10/1986	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130832	0.8184	1.0000	160	15/06/1974	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130833	0.8488	1.0000	133.1	12/07/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130834	0.8488	1.0000	8	14/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130835	0.8488	1.0000	7.3	12/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130836	0.8488	1.0000	7.4	14/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130837	0.8488	1.0000	4.5	14/07/1981	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310130838	0.8488	1.0000	30	18/07/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130839	0.8488	1.0000	6.2	16/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130840	0.8488	1.0000	1	26/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130841	0.8488	1.0000	36	24/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130842	0.8488	1.0000	68	27/09/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130843	0.8488	1.0000	1	1/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130844	0.8488	1.0000	3	25/07/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130845	0.8488	1.0000	49.44	25/05/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130846	0.8488	1.0000	5	23/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130848	0.8488	1.0000	160	13/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130852	0.8488	1.0000	58.3	26/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130853	0.8488	1.0000	3	13/07/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130854	0.8488	1.0000	41.528	18/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130855	0.8488	1.0000	0.972	18/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130856	0.8488	1.0000	55	22/10/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130857	0.8488	1.0000	100	17/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130858	0.8488	1.0000	139.9	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130859	0.8488	1.0000	7.8	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130860	0.8488	1.0000	10	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130861	0.8488	1.0000	2	21/12/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130862	0.8488	1.0000	11.6	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130863	0.8488	1.0000	3	21/12/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130864	0.8488	1.0000	36.2	10/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130865	0.8488	1.0000	1.83	10/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130866	0.8488	1.0000	4.3	10/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130867	0.8488	1.0000	5.8	1/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130868	0.8488	1.0000	19.9	9/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130869	0.8488	1.0000	4	26/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130870	0.8488	1.0000	102.7	28/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130871	0.8488	1.0000	39.7	31/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130872	0.8488	1.0000	32.5	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130873	0.8488	1.0000	0.88	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130874	0.8488	1.0000	2.5	3/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130875	0.8488	1.0000	1.05	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130876	0.8488	1.0000	0.93	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130877	0.8488	1.0000	123	26/06/1989	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130878	0.8488	1.0000	2	26/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130879	0.8488	1.0000	29.4	9/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130880	0.8488	1.0000	15.2	14/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130881	0.8488	1.0000	8.2	7/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130882	0.8488	1.0000	1.8	14/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130883	0.8488	1.0000	0.3	16/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130884	0.8488	1.0000	12.2	7/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130885	0.8488	1.0000	100	16/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130886	0.8488	1.0000	47	4/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130887	0.8488	1.0000	15	4/09/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130888	0.8488	1.0000	10	29/08/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130889	0.8488	1.0000	1	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130890	0.8488	1.0000	5	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130891	0.8488	1.0000	2	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130892	0.8488	1.0000	7	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130893	0.8488	1.0000	3.81	15/12/1991	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130894	0.8488	1.0000	23.58	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130895	0.8488	1.0000	13.92	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130896	0.8488	1.0000	31.28	23/08/1991	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130897	0.8488	1.0000	8.72	5/09/1991	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130898	0.8488	1.0000	40	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130899	0.8488	1.0000	40	13/07/1990	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130900	0.8488	1.0000	46.5	13/07/1990	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130901	0.8488	1.0000	54	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130903	0.8488	1.0000	385.24	31/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131025	0.8012	0.2279	117	25/06/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131026	0.8012	0.2279	14	16/01/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131027	0.8012	0.2279	28.3	25/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131028	0.8488	0.2279	169	10/10/1987	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310131030	0.8488	0.2280	2	12/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131031	0.8488	1.0000	48.5	16/10/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131032	0.8488	1.0000	33.4	7/05/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131033	0.8488	1.0000	363	24/02/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131034	0.8488	0.2282	1.1	12/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131035	0.8488	1.0000	58	25/06/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131050	0.8488	1.0000	340	6/04/1985	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310131051	0.7396	1.0000	100	12/09/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131053	0.7984	1.0000	9.1	28/02/1999	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131054	0.7984	1.0000	3	21/02/1999	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131056	0.8184	1.0000	272	9/11/1981	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131057	0.7984	1.0000	25	31/05/1992	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131058	0.8089	0.8750	46.8	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131059	0.7881	1.0000	26.8	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131060	0.8488	1.0000	368.4	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131061	0.7769	0.2000	226	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131062	0.7957	1.0000	0.331	24/07/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131063	0.8463	1.0000	117	17/09/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131064	0.8428	1.0000	35.19	18/03/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131065	0.8457	1.0000	18.095	5/04/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131066	0.8094	0.1250	2	16/06/1993	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131068	0.7959	0.8749	1.75	27/06/1993	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131069	0.8153	0.8750	24	25/12/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131070	0.8153	0.8760	0.5	5/08/1993	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131071	0.7922	0.1250	31.4	19/05/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131072	0.8098	0.8750	12.8	2/12/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131073	0.7989	0.4813	6	28/04/1987	HBP, Producing	100% Shallow 50%Deep

NY	O&G	Empire Energy E&P, LLC	310131074	0.7841	0.2000	52.6	27/03/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131075	0.7989	0.4813	12	30/07/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131076	0.8207	0.4375	183.17	1/08/1991	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131079	0.7984	1.0000	80	12/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131080	0.7957	1.0000	252	13/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131081	0.7957	1.0000	232	13/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131082	0.7957	1.0000	272	13/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131083	0.7957	1.0000	120	13/10/1973	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131084	0.7989	0.4813	147	14/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131085	0.7957	1.0000	134	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131086	0.7957	1.0000	218	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131087	0.7957	1.0000	94	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131088	0.7957	1.0000	154	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131089	0.7957	1.0000	120	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131090	0.7989	1.0000	138	10/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131091	0.7957	0.2000	135	10/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131092	0.7957	0.1250	107	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131093	0.8488	1.0000	138	11/10/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131094	0.7785	0.2000	100	11/10/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131095	0.7957	1.0000	333.8	11/10/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131096	0.7957	1.0000	238	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131097	0.7957	1.0000	215	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131098	0.7984	1.0000	250	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131099	0.7841	0.2000	65	12/01/1973	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131100	0.7957	0.8750	170	12/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131101	0.7957	1.0000	187	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131102	0.7957	1.0000	178	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131103	0.7957	1.0000	187	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131104	0.8479	0.4815	108.69	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131105	0.7957	1.0000	175	30/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131106	0.7957	1.0000	26.448	31/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131107	0.7984	1.0000	130	31/10/1977	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131108	0.7760	0.2125	165	1/11/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131109	0.7959	0.8750	200	10/09/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131110	0.7957	0.1250	213	5/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131112	0.8094	0.1250	75	20/12/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131113	0.7957	1.0000	156	24/10/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131114	0.7959	0.8750	100	22/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131115	0.7957	0.8750	220	23/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131116	0.7957	0.8750	122	23/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131117	0.7922	0.1250	80	4/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131118	0.8153	0.8750	144	31/12/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131119	0.8429	1.0000	229.86	11/05/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131120	0.8429	1.0000	182	8/05/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131121	0.7881	1.0000	216	10/05/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131122	0.8488	0.1250	318	11/05/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131123	0.8222	0.1250	74	26/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131125	0.9700	1.0000	54	20/01/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131127	0.8488	0.2500	87.5	30/03/2000	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131131	0.8488	1.0000	4	1/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131133	0.8488	1.0000	49.65	30/11/1981	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310131134	0.8488	1.0000	6.3	31/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131135	0.8488	1.0000	3.8	31/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131136	0.9700	1.0000	38	24/01/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131137	0.9700	1.0000	44	13/04/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131138	0.8488	1.0000	50	21/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131139	0.8488	1.0000	120	23/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131140	0.8488	1.0000	89.5	23/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131141	0.8488	1.0000	190	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131142	0.8488	1.0000	14	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131143	0.8488	1.0000	200	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131144	0.8488	1.0000	113	26/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131145	0.8488	1.0000	50	26/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131146	0.8488	1.0000	344	31/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131147	0.8488	1.0000	14	31/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131148	0.8488	1.0000	299	1/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131149	0.8488	1.0000	167	1/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131150	0.8488	1.0000	127	9/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131151	0.8488	1.0000	291	9/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131152	0.8488	1.0000	76	10/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131153	0.8488	1.0000	129.7	11/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131154	0.8488	1.0000	378	11/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131155	0.8488	1.0000	140	11/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131156	0.8488	1.0000	97	13/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131157	0.8488	1.0000	77	13/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131158	0.8488	1.0000	120	13/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131159	0.8488	1.0000	57.9	14/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131160	0.8488	1.0000	90	14/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131161	0.8488	1.0000	94.5	14/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131162	0.8488	1.0000	111.9	16/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131163	0.8488	1.0000	263.7	16/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131164	0.8488	1.0000	222.9	16/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131165	0.8488	1.0000	144	20/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131166	0.8488	1.0000	52	16/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131167	0.8488	1.0000	157	30/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131168	0.8488	1.0000	100	30/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131169	0.8488	1.0000	100	21/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131170	0.8488	1.0000	112	16/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131171	0.8488	1.0000	72	17/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131172	0.8488	1.0000	102.9	29/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131173	0.8488	1.0000	84.9	4/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131174	0.8488	1.0000	102	17/11/1982	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131175	0.8488	1.0000	78.5	17/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131176	0.8488	1.0000	30	29/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131177	0.8488	1.0000	160	22/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131178	0.8488	1.0000	190	25/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131179	0.8488	1.0000	388	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131180	0.8488	1.0000	415	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131181	0.8488	1.0000	112	19/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131182	0.8488	1.0000	40	5/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131183	0.8488	1.0000	94	9/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131184	0.8488	1.0000	128	2/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131185	0.8488	1.0000	46	11/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131186	0.8488	1.0000	108	15/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131187	0.8488	1.0000	78.3	18/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131188	0.8488	1.0000	183	13/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131189	0.8488	1.0000	132.6	16/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131190	0.8488	1.0000	183.5	14/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131191	0.8488	1.0000	33.4	9/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131192	0.8488	1.0000	40	31/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131193	0.8488	1.0000	65	15/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131194	0.8488	1.0000	32	8/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131195	0.8488	1.0000	30	9/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131196	0.8488	1.0000	218	3/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131197	0.8488	1.0000	203.7	3/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131198	0.8488	1.0000	250.4	3/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131199	0.8488	1.0000	180	3/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131200	0.8488	1.0000	100	8/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131201	0.8488	1.0000	71.4	10/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131202	0.8488	1.0000	175	25/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131203	0.8488	1.0000	44	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131204	0.8488	1.0000	540	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131205	0.8488	1.0000	18.4	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131206	0.8488	1.0000	200	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131207	0.8488	1.0000	161	20/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131208	0.8488	1.0000	62	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131209	0.8488	1.0000	60	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131210	0.8488	1.0000	242	22/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131211	0.8488	1.0000	20	20/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131212	0.8488	1.0000	71	23/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131213	0.8488	1.0000	88	31/05/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131214	0.8488	1.0000	48	24/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131215	0.8488	1.0000	121.7	15/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131216	0.8488	1.0000	343	13/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131217	0.8488	1.0000	87	20/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131218	0.8488	1.0000	111	23/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131219	0.8488	1.0000	50	24/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131220	0.8488	1.0000	200	24/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131221	0.8488	1.0000	91	24/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131222	0.8488	1.0000	120	26/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131223	0.8488	1.0000	186	26/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131224	0.8488	1.0000	100	31/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131225	0.8488	1.0000	100	3/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131226	0.8488	1.0000	162	3/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131227	0.8488	1.0000	246	4/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131228	0.8488	1.0000	170	4/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131229	0.8488	1.0000	50	6/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131230	0.8488	1.0000	140	7/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131231	0.8488	1.0000	110	8/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131232	0.8488	1.0000	255	8/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131233	0.8488	1.0000	101	9/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131235	0.8488	1.0000	83	10/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131236	0.8488	1.0000	78	10/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131237	0.8488	1.0000	154.1	10/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131238	0.8488	1.0000	295	10/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131239	0.8488	1.0000	125	13/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131240	0.8488	1.0000	204	11/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131241	0.8488	1.0000	82	15/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131242	0.8488	1.0000	244	18/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131243	0.8488	1.0000	239	17/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131244	0.8488	1.0000	254	22/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131245	0.8488	1.0000	188	24/11/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131246	0.8488	1.0000	158	11/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131247	0.8488	1.0000	175	30/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131248	0.8488	1.0000	103	30/11/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131249	0.8488	1.0000	87	1/12/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131250	0.8488	1.0000	250	2/12/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131252	0.8488	1.0000	185	2/12/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131253	0.8488	1.0000	157	1/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131254	0.8488	1.0000	66	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131255	0.8488	1.0000	90	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131256	0.8488	1.0000	50	7/12/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131257	0.8488	1.0000	107	8/12/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131258	0.8488	1.0000	197	30/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131259	0.8488	1.0000	157.7	29/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131260	0.8488	1.0000	77.7	14/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131261	0.8488	1.0000	167.1	15/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131262	0.8488	1.0000	53	4/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131263	0.8488	1.0000	142	19/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131264	0.8488	1.0000	177	16/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131265	0.8488	1.0000	33	22/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131266	0.8488	1.0000	148.9	23/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131267	0.8488	1.0000	127.2	27/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131268	0.8488	1.0000	109.3	28/03/1982	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131269	0.8488	1.0000	52.9	30/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131270	0.8488	1.0000	28.2	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131271	0.8488	1.0000	100	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131272	0.8488	1.0000	62	27/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131273	0.8488	1.0000	28.1	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131274	0.8488	1.0000	40.4	4/04/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131275	0.8488	1.0000	66.8	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131276	0.8488	1.0000	161.1	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131277	0.8488	1.0000	62	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131278	0.8488	1.0000	156	5/04/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131279	0.8488	1.0000	86	24/03/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131280	0.8488	1.0000	30.1	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131281	0.8488	1.0000	63.7	19/04/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131282	0.8488	1.0000	71	13/04/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131283	0.8488	1.0000	157.9	19/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131284	0.8488	1.0000	100	20/04/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131285	0.8488	1.0000	10.5	22/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131286	0.8488	1.0000	243.8	31/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131287	0.8488	1.0000	50	16/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131288	0.8488	1.0000	35.8	23/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131289	0.8488	1.0000	79.3	26/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131290	0.8488	1.0000	178.6	30/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131291	0.8488	1.0000	47.8	11/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131292	0.8488	1.0000	80.4	31/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131293	0.8488	1.0000	52.3	31/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131294	0.8488	1.0000	40.3	30/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131295	0.8488	1.0000	45.2	31/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131296	0.8488	1.0000	54.3	2/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131297	0.8488	1.0000	14	5/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131298	0.8488	1.0000	44.3	7/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131299	0.8488	1.0000	43.1	12/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131300	0.8488	1.0000	40.4	15/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131301	0.8488	1.0000	71	24/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131302	0.8488	1.0000	66.8	24/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131303	0.8488	1.0000	234.5	24/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131304	0.8488	1.0000	61.5	26/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131305	0.8488	1.0000	28	29/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131306	0.8488	1.0000	50	26/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131307	0.8488	1.0000	11	6/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131308	0.8488	1.0000	58	8/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131309	0.8488	1.0000	64.5	6/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131310	0.8488	1.0000	149	6/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131311	0.8488	1.0000	123.9	6/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131312	0.8488	1.0000	126.2	16/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131313	0.8488	1.0000	35.9	16/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131314	0.8488	1.0000	65.8	4/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131315	0.8488	1.0000	78.6	7/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131316	0.8488	1.0000	57.8	31/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131317	0.8488	0.8400	41	26/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131318	0.8488	1.0000	100	26/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131319	0.8488	1.0000	40.3	5/09/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131320	0.8488	1.0000	96.7	18/09/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131321	0.8488	1.0000	37	24/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131322	0.8488	1.0000	5.25	24/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131323	0.8488	1.0000	26	24/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131324	0.8488	1.0000	35.5	24/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131325	0.8488	1.0000	82	18/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131326	0.8488	1.0000	60	3/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131327	0.8488	1.0000	47	5/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131328	0.8488	1.0000	48.2	8/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131329	0.8488	1.0000	42.8	8/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131330	0.8488	1.0000	50	16/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131331	0.8488	1.0000	20	28/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131332	0.8488	1.0000	64.6	15/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131333	0.8488	1.0000	60	20/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131334	0.8488	1.0000	30.4	13/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131335	0.8488	1.0000	40	14/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131336	0.8488	1.0000	120	31/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131337	0.8488	1.0000	243	29/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131338	0.8488	1.0000	253.1	27/01/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131339	0.8488	1.0000	114	29/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131340	0.8488	1.0000	75.9	31/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131341	0.8488	1.0000	25	31/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131342	0.8488	1.0000	130.1	27/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131343	0.8488	1.0000	230.7	26/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131344	0.8488	1.0000	240	27/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131345	0.8488	1.0000	243.6	26/01/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131346	0.8488	1.0000	80	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131347	0.8488	1.0000	50	26/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131348	0.8488	1.0000	193.4	30/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131349	0.8488	1.0000	96.9	2/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131350	0.8488	1.0000	50	10/02/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131351	0.8488	1.0000	150	5/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131352	0.8488	1.0000	84.4	13/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131353	0.8488	1.0000	129	2/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131354	0.8488	1.0000	45.2	12/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131355	0.8488	1.0000	134.4	2/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131356	0.8488	0.7778	97.9	1/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131357	0.8488	0.7778	137.2	12/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131358	0.8488	1.0000	170	2/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131359	0.8488	1.0000	44	2/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131360	0.8488	1.0000	268	9/02/1983	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131361	0.8488	1.0000	230	10/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131362	0.8488	1.0000	80	14/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131363	0.8488	1.0000	200	17/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131364	0.8488	1.0000	30	17/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131365	0.8488	1.0000	87	13/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131366	0.8488	1.0000	150.2	12/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131367	0.8488	1.0000	126.8	14/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131368	0.8488	1.0000	110.5	17/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131369	0.8488	1.0000	66	19/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131370	0.8488	1.0000	122	22/03/1983	HBP, Producing	
NY	O&G	Empire Energy E&P, LLC	310131371	0.8488	1.0000	35	23/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131372	0.8488	1.0000	216	26/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131373	0.8488	1.0000	103	26/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131374	0.8488	1.0000	110	28/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131375	0.8488	1.0000	376	1/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131376	0.8488	1.0000	75	3/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131377	0.8488	1.0000	180.075	16/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131378	0.8488	1.0000	265	17/02/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131379	0.8488	1.0000	330	20/02/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131380	0.8488	1.0000	400	1/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131381	0.8488	1.0000	92	22/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131382	0.8488	1.0000	257.5	28/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131383	0.8488	1.0000	52	24/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131384	0.8488	1.0000	10	1/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131385	0.8488	1.0000	78	1/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131386	0.8488	1.0000	133	2/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131387	0.8488	1.0000	183.3	3/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131388	0.8488	1.0000	120	6/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131389	0.8488	1.0000	92	10/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131390	0.8488	1.0000	150.6	6/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131391	0.8488	1.0000	85	12/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131392	0.8488	1.0000	116	13/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131393	0.8488	1.0000	9	14/03/1983	HBP, Producing	Shallow Only Unspcfd
NY	O&G	Empire Energy E&P, LLC	310131394	0.8488	1.0000	65	15/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131395	0.8488	1.0000	198	17/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131396	0.8488	1.0000	56.9	21/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131397	0.8488	1.0000	227	14/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131398	0.8488	1.0000	42	14/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131399	0.8488	1.0000	126.6	10/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131400	0.8488	1.0000	99	5/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131401	0.8488	1.0000	110	8/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131402	0.8488	1.0000	134	7/03/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131403	0.8488	1.0000	311.5	21/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131404	0.8488	1.0000	73	30/03/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131405	0.8488	1.0000	34	2/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131406	0.8488	1.0000	65	31/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131407	0.8488	1.0000	225	30/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131408	0.8488	1.0000	100	29/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131409	0.8488	1.0000	24	28/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131410	0.8488	1.0000	39	26/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131411	0.8488	1.0000	220	13/04/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131412	0.8488	1.0000	115	13/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131413	0.8488	1.0000	95	13/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131414	0.8488	1.0000	120	24/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131415	0.8488	1.0000	88	24/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131416	0.8488	1.0000	65.67	28/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131417	0.8488	0.5000	100	2/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131418	0.8488	1.0000	80		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131419	0.8488	1.0000	172	2/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131420	0.8488	1.0000	107	11/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131421	0.8488	1.0000	90	9/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131422	0.8488	1.0000	72	10/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131423	0.8488	1.0000	55	6/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131424	0.8488	1.0000	41	1/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131425	0.8488	1.0000	60	1/03/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131426	0.8488	1.0000	115	24/04/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131428	0.8488	1.0000	77	3/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131429	0.8488	1.0000	63	11/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131430	0.8488	1.0000	72	24/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131431	0.8488	1.0000	338	10/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131432	0.8488	1.0000	70	12/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131433	0.8488	1.0000	83	16/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131434	0.8488	1.0000	49	17/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131435	0.8488	1.0000	35	19/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131436	0.8488	1.0000	55	21/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131437	0.8488	1.0000	100	24/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131438	0.8488	1.0000	140	28/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131439	0.8488	1.0000	37	7/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131440	0.8488	1.0000	7	5/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131441	0.8488	1.0000	15	4/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131442	0.8488	1.0000	23	7/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131446	0.8488	1.0000	260	7/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131447	0.8488	1.0000	76	8/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131448	0.8488	1.0000	98	5/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131449	0.8488	1.0000	52	16/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131450	0.8488	1.0000	112	2/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131451	0.8488	1.0000	135	21/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131452	0.8488	1.0000	34	10/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131453	0.8488	1.0000	50	4/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131454	0.8488	1.0000	47	2/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131455	0.8488	1.0000	63	3/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131456	0.8488	1.0000	12	8/05/1983	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131457	0.8488	1.0000	47	2/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131458	0.8488	1.0000	130	4/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131459	0.8488	1.0000	22	8/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131460	0.8488	1.0000	43	18/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131461	0.8488	1.0000	200	10/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131462	0.8488	1.0000	157	13/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131463	0.8488	1.0000	55	18/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131464	0.8488	1.0000	130	15/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131465	0.8488	1.0000	49	23/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131466	0.8488	1.0000	77	18/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131467	0.8488	1.0000	8	2/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131468	0.8488	1.0000	11	2/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131469	0.8488	1.0000	18	31/03/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131470	0.8488	1.0000	48	31/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131471	0.8488	1.0000	126	31/03/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131472	0.8488	0.8400	87	31/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131473	0.8488	1.0000	10	31/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131474	0.8488	1.0000	4	31/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131475	0.8488	1.0000	246	30/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131476	0.8488	1.0000	147	30/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131477	0.8488	1.0000	23	30/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131478	0.8488	1.0000	33	23/05/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131479	0.8488	1.0000	217.7	30/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131480	0.8488	1.0000	50	30/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131481	0.8488	1.0000	152	31/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131482	0.8488	1.0000	202	21/05/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131483	0.8488	1.0000	89	21/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131484	0.8488	1.0000	207		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131485	0.8488	1.0000	241	2/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131486	0.8488	1.0000	174	2/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131487	0.8488	1.0000	105	2/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131488	0.8488	1.0000	138	5/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131489	0.8488	1.0000	232	4/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131490	0.8488	1.0000	45	1/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131491	0.8488	1.0000	101	6/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131492	0.8488	1.0000	93	5/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131493	0.8488	1.0000	300	7/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131494	0.8488	1.0000	50	8/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131495	0.8488	1.0000	570	11/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131496	0.8488	1.0000	85	7/09/1973	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131497	0.8488	1.0000	35	2/09/1973	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131498	0.8488	1.0000	29	12/09/1973	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131499	0.8488	1.0000	88	13/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131500	0.8488	1.0000	125	15/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131501	0.8488	1.0000	54	9/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131502	0.8488	1.0000	238	14/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131503	0.8488	1.0000	43	13/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131504	0.8488	1.0000	75	9/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131505	0.8488	1.0000	246	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131506	0.8488	1.0000	80	8/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131507	0.8488	1.0000	13	8/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131508	0.8488	1.0000	126	8/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131509	0.8488	1.0000	113	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131510	0.8488	1.0000	37	18/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131511	0.8488	1.0000	30	18/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131512	0.8488	1.0000	27	18/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131513	0.8488	1.0000	150	15/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131514	0.8488	1.0000	185	15/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131515	0.8488	1.0000	280	14/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131516	0.8488	1.0000	35	19/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131517	0.8488	1.0000	43	20/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131518	0.8488	1.0000	30	21/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131519	0.8488	1.0000	132	21/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131520	0.8488	1.0000	33	16/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131521	0.8488	1.0000	25	19/06/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131522	0.8488	1.0000	120	19/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131523	0.8488	1.0000	19	13/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131524	0.8488	1.0000	30	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131525	0.8488	1.0000	26	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131526	0.8488	1.0000	41	23/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131527	0.8488	1.0000	75	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131528	0.8488	1.0000	74	26/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131529	0.8488	1.0000	35	21/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131530	0.8488	1.0000	176	25/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131531	0.8488	1.0000	112	8/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131532	0.8488	1.0000	87	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131533	0.8488	1.0000	16	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131534	0.8488	1.0000	86	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131535	0.8488	1.0000	84	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131536	0.8488	1.0000	47	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131537	0.8488	1.0000	76	5/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131538	0.8488	1.0000	28	5/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131539	0.8488	1.0000	63	5/07/2027	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131540	0.8488	1.0000	267	15/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131541	0.8488	1.0000	64	15/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131542	0.8488	1.0000	102	5/07/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131543	0.8488	1.0000	16	18/06/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131544	0.8488	1.0000	39	3/07/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131545	0.8488	1.0000	72	16/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131546	0.8488	1.0000	172	30/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131547	0.8488	1.0000	103	7/07/2020	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131548	0.8488	1.0000	166	9/07/1983	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131549	0.8488	1.0000	208	11/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131550	0.8488	1.0000	100	10/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131551	0.8488	1.0000	280	11/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131552	0.8488	1.0000	25	7/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131553	0.8488	1.0000	25	7/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131554	0.8488	1.0000	30	7/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131555	0.8488	1.0000	80	7/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131556	0.8488	1.0000	220	11/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131557	0.8488	1.0000	25	11/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131558	0.8488	1.0000	94	10/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131559	0.8488	1.0000	104	12/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131560	0.8488	1.0000	55	10/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131561	0.8488	1.0000	71	9/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131562	0.8488	1.0000	175	16/07/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131563	0.8488	1.0000	45	16/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131564	0.8488	1.0000	150	9/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131565	0.8488	1.0000	100	7/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131566	0.8488	1.0000	120	16/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131567	0.8488	1.0000	100	18/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131568	0.8488	1.0000	100	9/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131569	0.8488	1.0000	127	23/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131570	0.8488	1.0000	8	5/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131571	0.8488	1.0000	140	25/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131572	0.8488	1.0000	90	20/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131573	0.8488	1.0000	22.7	25/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131574	0.8488	1.0000	119.5	20/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131575	0.8488	1.0000	85	14/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131576	0.8488	1.0000	144	21/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131577	0.8488	1.0000	210	5/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131578	0.8488	1.0000	102	5/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131579	0.8488	1.0000	50	2/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131580	0.8488	1.0000	37.999	27/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131581	0.8488	1.0000	50	30/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131582	0.8488	1.0000	66	28/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131583	0.8488	1.0000	67	31/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131584	0.8488	1.0000	30	28/07/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131585	0.8488	1.0000	66	31/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131586	0.8488	1.0000	235	28/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131587	0.8488	1.0000	167	30/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131588	0.8488	1.0000	181	31/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131589	0.8488	1.0000	25	2/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131590	0.8488	1.0000	54.5	23/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131591	0.8488	1.0000	60	23/07/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131592	0.8488	1.0000	45	23/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131593	0.8488	1.0000	375	1/08/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131594	0.8488	1.0000	385	9/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131595	0.8488	1.0000	73	2/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131596	0.8488	1.0000	98	2/08/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131597	0.8488	1.0000	215	8/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131598	0.8488	1.0000	33	9/08/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131599	0.8488	1.0000	40	9/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131600	0.8488	1.0000	72	9/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131601	0.8488	1.0000	100	9/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131602	0.8488	1.0000	78	6/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131603	0.8488	1.0000	85	6/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131604	0.8488	1.0000	35	7/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131605	0.8488	1.0000	548	6/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131606	0.8488	1.0000	100	6/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131607	0.8488	1.0000	91	11/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131608	0.8488	1.0000	26	8/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131609	0.8488	1.0000	65	15/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131610	0.8488	1.0000	50	11/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131611	0.8488	1.0000	84	14/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131612	0.8488	1.0000	10	14/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131613	0.8488	1.0000	38	16/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131614	0.8488	1.0000	53	16/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131615	0.8488	1.0000	34	13/08/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131616	0.8488	1.0000	47	15/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131617	0.8488	1.0000	35.7	10/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131618	0.8488	1.0000	13	14/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131619	0.8488	1.0000	195	30/04/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131620	0.8488	1.0000	100	18/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131621	0.8488	1.0000	82	6/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131622	0.8488	1.0000	80	6/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131623	0.8488	1.0000	33	18/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131624	0.8488	1.0000	19.4	10/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131625	0.8488	1.0000	45.3	9/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131626	0.8488	1.0000	5.5	15/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131627	0.8488	1.0000	50	6/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131628	0.8488	1.0000	99	13/09/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131629	0.8488	1.0000	54.6	21/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131630	0.8488	1.0000	50	20/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131631	0.8488	1.0000	45	19/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131632	0.8488	1.0000	64	18/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131633	0.8488	1.0000	16	4/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131634	0.8488	1.0000	110	26/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131635	0.8488	1.0000	3	10/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131636	0.8488	1.0000	7	9/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131637	0.8488	1.0000	2	11/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131638	0.8488	1.0000	8	9/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131639	0.8488	1.0000	4	10/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131640	0.8488	1.0000	14	9/10/1983	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310131641	0.8488	1.0000	6	9/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131642	0.8488	1.0000	117	15/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131643	0.8488	1.0000	223	15/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131644	0.8488	1.0000	49	15/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131645	0.8488	1.0000	47	10/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131646	0.8488	1.0000	130	6/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131647	0.8488	1.0000	1	1/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131648	0.8488	0.8400	158	5/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131649	0.8488	1.0000	11	19/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131650	0.8488	1.0000	1	1/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131651	0.8488	1.0000	24	25/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131652	0.8488	1.0000	5	27/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131653	0.8488	1.0000	4	14/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131654	0.8488	1.0000	1	17/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131655	0.8488	1.0000	2	10/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131657	0.8488	1.0000	15	12/11/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131658	0.8488	1.0000	50	20/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131659	0.8488	1.0000	16	13/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131660	0.8488	1.0000	269	13/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131661	0.8488	1.0000	3	17/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131662	0.8488	1.0000	148	13/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131663	0.8488	1.0000	5	24/01/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131664	0.8488	1.0000	11	19/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131665	0.8488	1.0000	4	19/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131666	0.8488	1.0000	4	19/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131667	0.8488	1.0000	250	5/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131668	0.8488	1.0000	30	7/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131669	0.8488	1.0000	116	7/02/1984	HBP, Producing	Shallow Only Unspcfd
NY	O&G	Empire Energy E&P, LLC	310131670	0.8488	1.0000	42	5/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131671	0.8488	1.0000	112	5/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131672	0.8488	1.0000	1	13/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131673	0.8488	1.0000	19	14/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131674	0.8488	1.0000	40	9/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131675	0.8488	1.0000	78	11/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131676	0.8488	1.0000	134	8/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131677	0.8488	1.0000	89	11/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131678	0.8488	1.0000	135	14/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131679	0.8488	1.0000	174	8/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131680	0.8488	1.0000	118	8/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131681	0.8488	1.0000	113	12/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131682	0.8488	1.0000	62	14/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131683	0.8488	1.0000	163	14/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131684	0.8488	1.0000	25	7/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131685	0.8488	1.0000	55	14/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131686	0.8488	1.0000	15	21/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131687	0.8488	1.0000	249	19/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131688	0.8488	1.0000	108	19/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131689	0.8488	1.0000	34	15/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131690	0.8488	1.0000	47	13/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131691	0.8488	1.0000	42	23/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131692	0.8488	1.0000	146	27/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131693	0.8488	1.0000	50	13/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131694	0.8488	1.0000	48	11/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131695	0.8488	1.0000	100	11/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131696	0.8488	1.0000	52	13/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131697	0.8488	1.0000	40	25/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131698	0.8488	1.0000	60	25/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131699	0.8488	1.0000	51	28/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131700	0.8488	1.0000	13	18/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131701	0.8488	1.0000	51	9/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131702	0.8488	1.0000	71	2/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131703	0.8488	1.0000	10	18/03/1984	HBP, Producing	Shallow Only Unspcfd
NY	O&G	Empire Energy E&P, LLC	310131704	0.8488	1.0000	80	18/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131705	0.8488	1.0000	32	1/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131706	0.8488	1.0000	50	30/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131707	0.8488	1.0000	22	29/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131708	0.8488	1.0000	28	30/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131709	0.8488	1.0000	79	29/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131710	0.8488	1.0000	25	7/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131711	0.8488	1.0000	103	3/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131712	0.8488	1.0000	28	9/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131713	0.8488	1.0000	22	9/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131714	0.8488	1.0000	188	25/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131715	0.8488	1.0000	50	11/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131716	0.8488	1.0000	47	18/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131717	0.8488	1.0000	96	3/05/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131718	0.8488	1.0000	10	16/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131719	0.8488	1.0000	66	22/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131720	0.8488	1.0000	11	2/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131721	0.8488	1.0000	51	14/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131722	0.8488	1.0000	30	13/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131723	0.8488	1.0000	92	17/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131724	0.8488	1.0000	51	31/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131725	0.8488	1.0000	70	17/06/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131726	0.8488	1.0000	77	26/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131727	0.8488	1.0000	100	18/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131728	0.8488	1.0000	15	29/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131729	0.8488	1.0000	110	3/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131730	0.8488	0.8400	8	15/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131731	0.8488	1.0000	22	15/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131732	0.8488	1.0000	322	9/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131733	0.8488	1.0000	70	30/07/1984	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131734	0.8488	1.0000	4	1/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131735	0.8488	1.0000	7	16/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131736	0.8488	1.0000	4	5/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131737	0.8488	1.0000	6	31/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131738	0.8488	1.0000	2	5/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131739	0.8488	1.0000	6	3/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131740	0.8488	1.0000	3	5/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131741	0.8488	1.0000	2	3/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131742	0.8488	1.0000	1	12/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131743	0.8488	1.0000	91	11/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131744	0.8488	1.0000	103.3	11/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131745	0.8488	1.0000	84	11/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131746	0.8488	1.0000	40	11/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131747	0.8488	1.0000	4	30/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131748	0.8488	1.0000	2	21/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131749	0.8488	1.0000	102	14/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131750	0.8488	1.0000	1	1/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131751	0.8488	1.0000	7	3/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131752	0.8488	1.0000	18	19/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131753	0.8488	1.0000	23	2/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131754	0.8488	1.0000	8	2/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131755	0.8488	1.0000	81	8/10/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131756	0.8488	1.0000	5	29/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131757	0.8488	1.0000	50	5/11/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131758	0.8488	1.0000	12	5/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131759	0.8488	1.0000	38	5/11/2073	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131760	0.8488	1.0000	30	11/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131761	0.8488	1.0000	115	5/11/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131762	0.8488	1.0000	12	31/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131763	0.8488	1.0000	8	4/12/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131764	0.8488	1.0000	6	3/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131765	0.8488	1.0000	10	3/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131766	0.8488	1.0000	75	10/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131767	0.8488	1.0000	33	7/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131768	0.8488	1.0000	64	12/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131769	0.8488	1.0000	40	18/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131770	0.8488	1.0000	30	18/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131771	0.8488	1.0000	43	17/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131772	0.8488	1.0000	100	20/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131773	0.8488	1.0000	10	30/01/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131774	0.8488	1.0000	4	27/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131775	0.8488	1.0000	82	26/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131776	0.8488	1.0000	110	14/02/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131777	0.8488	1.0000	18	4/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131778	0.8488	1.0000	104	4/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131779	0.8488	1.0000	20	10/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131780	0.8488	1.0000	13	11/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131781	0.8488	1.0000	308	24/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131782	0.8488	1.0000	215	24/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131783	0.8488	1.0000	45	15/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131784	0.8488	0.8400	169	9/04/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131785	0.8488	1.0000	220	24/04/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131786	0.8488	1.0000	64	8/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131787	0.8488	1.0000	36	5/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131788	0.8488	1.0000	8	5/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131789	0.8488	1.0000	26	7/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131790	0.8488	1.0000	9	16/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131791	0.8488	1.0000	402.41	17/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131792	0.8488	1.0000	154	10/06/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131793	0.8488	1.0000	69	19/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131794	0.8488	1.0000	7	18/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131795	0.8488	1.0000	9	19/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131796	0.8488	1.0000	7	30/06/2074	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131797	0.8488	1.0000	34	26/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131798	0.8488	1.0000	134	23/07/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131799	0.8488	1.0000	150	6/08/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131800	0.8488	1.0000	19	15/08/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131801	0.8488	1.0000	56	29/08/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131802	0.8488	1.0000	75	30/08/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131803	0.8488	1.0000	10	29/08/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131804	0.8488	0.8400	59	10/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131805	0.8488	1.0000	27	8/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131806	0.8488	1.0000	11	23/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131807	0.8488	1.0000	40	27/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131808	0.8488	1.0000	100	5/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131809	0.8488	1.0000	34	13/10/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131810	0.8488	1.0000	20	2/10/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131811	0.8488	1.0000	146	4/11/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131812	0.8488	1.0000	150	6/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131813	0.8488	1.0000	11	19/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131814	0.8488	1.0000	16	21/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131815	0.8488	1.0000	17	1/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131816	0.8488	1.0000	70	25/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131817	0.8488	1.0000	89	25/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131818	0.8488	1.0000	126	3/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131819	0.8488	1.0000	18	25/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131820	0.8488	1.0000	50	11/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131821	0.8488	1.0000	50	2/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131822	0.8488	1.0000	70	9/01/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131823	0.8488	1.0000	38	26/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131824	0.8488	1.0000	1	26/02/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131825	0.8488	1.0000	25	25/02/1986	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310130022A	0.8488	0.0242	273	1/02/1990	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130479A	0.8222	1.0000	287	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130758A	0.8488	1.0000	63.3	18/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131029A	0.8012	1.0000	105	18/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131427A	0.8488	1.0000	201	1/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131443A	0.8488	1.0000	217	3/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131444A	0.8488	1.0000	89	3/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131445A	0.8488	1.0000	46	3/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131656A	0.8488	1.0000	115	13/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132034A	0.8488	1.0000	36	20/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132035A	0.8488	1.0000	27	14/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132093A	0.9700	1.0000	75	31/10/2071	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132214A	0.8488	0.5000	61	15/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131826	0.8488	1.0000	22	24/02/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131827	0.8488	1.0000	107	21/09/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131828	0.8488	1.0000	16	4/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131829	0.8488	1.0000	79	28/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131830	0.8488	1.0000	4	23/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131831	0.8488	1.0000	67	11/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131832	0.8488	1.0000	1	13/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131833	0.8488	1.0000	34	17/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131834	0.8488	1.0000	250	8/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131835	0.8488	1.0000	9	20/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131836	0.8488	1.0000	13	9/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131837	0.8488	1.0000	2	9/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131838	0.8488	1.0000	15	27/09/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131839	0.8488	1.0000	97	29/09/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131840	0.8488	1.0000	2	2/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131841	0.8488	1.0000	60	19/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131842	0.8488	1.0000	3	18/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131843	0.8488	1.0000	48	21/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131844	0.8488	1.0000	5	29/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131845	0.8488	1.0000	4	25/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131846	0.8488	1.0000	215	10/11/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131847	0.8488	1.0000	16	7/12/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131848	0.8488	1.0000	8	7/12/2075	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131849	0.8488	1.0000	34	8/12/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131850	0.8488	1.0000	80	21/01/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131851	0.8488	1.0000	18	8/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131852	0.8488	1.0000	56	14/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131853	0.8488	1.0000	60	26/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131854	0.8488	1.0000	99	7/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131855	0.8488	1.0000	2	17/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131856	0.8488	1.0000	2	25/04/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131857	0.8488	1.0000	20	26/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131858	0.8488	1.0000	31	25/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131859	0.8488	1.0000	111	23/05/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131860	0.8488	1.0000	88	25/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131861	0.8488	1.0000	58	28/06/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131862	0.8488	1.0000	6	11/07/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131863	0.8488	1.0000	16	8/09/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131864	0.8488	1.0000	44	18/10/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131865	0.8488	1.0000	10	30/11/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131866	0.8488	1.0000	35	10/12/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131867	0.8488	1.0000	2	1/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131868	0.8488	1.0000	1	25/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131869	0.8488	1.0000	3	28/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131870	0.8488	1.0000	3	24/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131871	0.8488	1.0000	2	24/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131872	0.8488	1.0000	48	23/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131873	0.8488	1.0000	26	3/04/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131874	0.8488	1.0000	120	23/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131875	0.8488	1.0000	102	15/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131876	0.8488	1.0000	4	26/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131877	0.9700	1.0000	17	11/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131878	0.8488	1.0000	21	17/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131879	0.9700	1.0000	56	31/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131880	0.9700	1.0000	63	26/04/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131881	0.9700	1.0000	30	10/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131882	0.8488	1.0000	23	28/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131883	0.8488	1.0000	188	26/02/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131884	0.9700	1.0000	130	26/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131885	0.8488	1.0000	55	17/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131886	0.8488	1.0000	70	21/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131887	0.8488	1.0000	53.7	11/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131888	0.9700	1.0000	151	13/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131889	0.7881	0.4500	62	2/11/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131890	0.9700	1.0000	71	4/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131891	0.8488	1.0000	30	7/02/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131892	0.8488	1.0000	51.4	19/08/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131893	0.8488	1.0000	175	22/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131894	0.9700	1.0000	25	9/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131895	0.8488	1.0000	33	18/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131896	0.8488	1.0000	400	19/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131897	0.8488	1.0000	36	18/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131898	0.8488	1.0000	47	26/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131899	0.9700	1.0000	102	15/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131900	0.9700	1.0000	35	22/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131901	0.8488	0.9450	30	4/12/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131902	0.8488	1.0000	85.11	2/05/1969	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131903	0.8488	1.0000	74.9	21/05/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131904	0.8488	1.0000	81	2/10/1984	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131905	0.8457	1.0000	13.4	3/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131906	0.8488	1.0000	80	5/09/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131907	0.8488	1.0000	13.2	3/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131908	0.9700	1.0000	39	27/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131909	0.9700	1.0000	32	16/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131910	0.8488	1.0000	32	26/07/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131911	0.8488	1.0000	22	23/09/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131912	0.8488	1.0000	100	2/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131913	0.8488	1.0000	9.6	3/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131914	0.8488	1.0000	10	11/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131915	0.8488	1.0000	10	11/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131916	0.8488	1.0000	50	11/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131917	0.8488	1.0000	23.5	28/01/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131918	0.9700	1.0000	34	5/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131919	0.8488	1.0000	45	31/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131920	0.9700	1.0000	66	28/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131921	0.9700	1.0000	28	30/03/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131922	0.9700	1.0000	15	4/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131923	0.9700	1.0000	51	29/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131924	0.9700	1.0000	91	15/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131925	0.9700	1.0000	56	5/05/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131926	0.9700	1.0000	53	27/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131927	0.9700	1.0000	70	27/07/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131928	0.9700	1.0000	25	8/11/2073	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131929	0.8488	1.0000	30	7/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131930	0.9700	1.0000	70	6/04/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131931	0.8488	1.0000	94	9/05/2074	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131932	0.8488	1.0000	5	29/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131933	0.8488	1.0000	40	7/04/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131934	0.9700	1.0000	174	22/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131935	0.8488	1.0000	66	3/04/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131936	0.9700	1.0000	80	22/07/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131937	0.8488	1.0000	23	24/04/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131938	0.8488	1.0000	60	29/03/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131939	0.9700	1.0000	30	6/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131940	0.8488	1.0000	19	11/10/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131941	0.9700	1.0000	28	14/04/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131942	0.8488	1.0000	27	8/03/2073	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131943	0.8488	1.0000	35	11/03/2073	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131944	0.8488	1.0000	28	11/10/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131945	0.8488	1.0000	100	29/08/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131946	0.8488	1.0000	25	7/03/2073	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131947	0.8488	1.0000	35.8	27/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131948	0.9700	1.0000	22	14/06/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131949	0.9700	1.0000	44	1/04/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131950	0.8488	1.0000	10	10/04/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131951	0.8488	1.0000	35	29/03/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131952	0.9700	1.0000	78	12/07/2066	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131953	0.8488	1.0000	8.9	26/06/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131954	0.8488	1.0000	5.7	28/06/2075	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131955	0.8488	1.0000	5.6	20/08/2075	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131956	0.8488	1.0000	5.9	18/06/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131957	0.8488	1.0000	23.9	12/05/2075	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131958	0.9700	1.0000	125	23/06/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131959	0.8488	1.0000	34.6	25/06/2075	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131960	0.8488	1.0000	31	21/09/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131961	0.8488	1.0000	17	14/02/2073	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131962	0.8488	1.0000	24.5	28/06/2075	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131963	0.8488	1.0000	88.2	22/08/2074	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131964	0.9700	1.0000	54	4/05/2065	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131965	0.8488	1.0000	56	30/08/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131966	0.8488	1.0000	13	12/07/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131967	0.8488	1.0000	2	12/07/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131968	0.8488	1.0000	2	12/07/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131970	0.8488	1.0000	10	19/07/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131971	0.8488	1.0000	44	30/07/2072	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131973	0.8488	1.0000	14	12/07/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131974	0.8488	1.0000	4	19/07/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131975	0.8488	1.0000	12	14/07/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131976	0.8488	1.0000	4.5	10/08/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131977	0.8488	1.0000	1.6	11/08/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131978	0.8488	1.0000	1.1	11/08/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131979	0.8488	1.0000	13	4/08/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131980	0.8488	1.0000	21	11/08/2077	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131981	0.8488	1.0000	23	29/05/2074	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131982	0.8488	1.0000	24.4	1/06/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131983	0.8488	1.0000	0.7	1/06/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131984	0.8488	1.0000	3.3	28/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131985	0.8488	1.0000	3.3	1/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131986	0.8488	1.0000	3.5	12/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131987	0.8488	1.0000	14.4	20/08/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131988	0.8488	1.0000	12.8	3/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131989	0.8488	1.0000	180	28/09/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131990	0.8488	1.0000	730	19/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131991	0.8488	1.0000	21	26/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131992	0.8488	1.0000	28	26/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131993	0.8488	1.0000	83	6/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131994	0.8488	1.0000	30	6/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131995	0.8488	1.0000	61	26/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131996	0.8488	1.0000	100	30/07/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131997	0.8488	1.0000	139	25/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131998	0.8488	1.0000	38.3	17/09/1976	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310131999	0.8488	1.0000	31.8	30/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132000	0.8488	1.0000	6.9	28/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132001	0.8488	1.0000	8.9	28/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132002	0.8488	1.0000	36.1	2/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132003	0.8488	1.0000	35.4	26/09/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132004	0.8488	1.0000	8	22/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132005	0.8488	1.0000	61	30/04/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132006	0.8488	1.0000	52	5/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132007	0.8488	1.0000	148	30/04/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132008	0.8488	1.0000	176	30/04/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132009	0.8488	1.0000	65	6/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132010	0.8488	1.0000	41	13/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132011	0.8488	1.0000	16.4	7/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132012	0.8488	1.0000	36	15/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132013	0.8488	1.0000	117	8/11/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132014	0.8488	1.0000	74.2	10/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132015	0.8488	1.0000	50	10/10/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132016	0.8488	1.0000	23	9/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132017	0.8488	1.0000	13	25/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132018	0.8488	1.0000	3	10/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132019	0.8488	1.0000	10.3	22/08/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132020	0.8488	1.0000	2.9	20/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132021	0.8488	1.0000	11.8	20/07/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132022	0.8488	1.0000	3.6	5/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132023	0.8488	1.0000	4.3	21/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132024	0.8488	1.0000	9	21/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132025	0.8488	1.0000	15.6	15/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132026	0.8488	1.0000	30	12/06/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132028	0.8488	1.0000	48	12/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132029	0.8488	1.0000	16	7/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132030	0.8488	1.0000	10	6/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132031	0.8488	1.0000	26	18/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132032	0.8488	1.0000	18	11/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132033	0.8488	1.0000	54	8/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132036	0.8488	1.0000	172	18/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132037	0.8488	1.0000	70	19/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132038	0.8488	1.0000	73	9/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132039	0.8488	1.0000	60	25/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132040	0.8488	1.0000	62	25/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132041	0.8488	1.0000	25	17/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132042	0.8488	1.0000	86	6/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132043	0.8488	1.0000	28	5/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132044	0.8488	1.0000	205	5/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132045	0.8488	1.0000	13	7/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132046	0.8488	1.0000	93	22/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132047	0.8488	1.0000	105	14/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132048	0.8488	1.0000	37	19/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132049	0.8488	1.0000	100	14/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132050	0.8488	1.0000	66	19/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132051	0.8488	1.0000	33	28/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132052	0.8488	1.0000	72	28/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132053	0.8488	1.0000	82	26/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132054	0.8488	1.0000	15	10/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132055	0.8488	1.0000	8	9/03/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132056	0.8488	1.0000	1	28/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132057	0.8488	1.0000	10	28/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132058	0.8488	1.0000	10	6/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132059	0.9700	1.0000	53	2/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132060	0.8488	1.0000	13	14/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132061	0.8488	1.0000	143.5	23/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132062	0.8488	1.0000	4.5	2/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132063	0.8488	1.0000	16.5	30/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132064	0.8488	1.0000	17	12/05/1985	HBP, Producing	Shallow Only Unspcfd
NY	O&G	Empire Energy E&P, LLC	310132065	0.8488	1.0000	31.6	6/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132066	0.8488	1.0000	38	15/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132067	0.8488	1.0000	4.4	15/11/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132068	0.8488	1.0000	14	7/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132069	0.8488	1.0000	78.6	30/03/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132070	0.8488	1.0000	52.5	28/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132071	0.8488	1.0000	8	27/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132072	0.9700	1.0000	75	24/02/1968	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132073	0.9700	1.0000	100	23/06/1966	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132074	0.9094	1.0000	115	6/07/1966	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132075	0.9094	1.0000	141	9/06/1966	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132076	0.9700	1.0000	90	23/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132077	0.9700	1.0000	154	24/01/1968	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132078	0.8488	1.0000	6	29/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132079	0.9700	1.0000	52	15/11/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132080	0.8488	1.0000	85	17/04/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132081	0.8488	1.0000	86	13/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132082	0.8488	1.0000	7	19/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132083	0.8488	1.0000	8	14/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132084	0.8488	1.0000	63	16/11/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132085	0.8488	1.0000	50	6/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132086	0.8488	1.0000	84	24/11/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132087	0.8488	1.0000	80	24/09/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132088	0.8488	1.0000	50	15/06/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132089	0.8488	1.0000	100	3/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132090	0.8488	1.0000	90	9/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132091	0.8488	1.0000	52.8	22/03/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132092	0.9094	1.0000	66	8/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132095	0.8488	1.0000	33	23/07/1977	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310132096	0.8488	1.0000	26	5/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132097	0.8488	1.0000	33	21/07/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132098	0.8488	1.0000	34	5/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132099	0.9700	1.0000	68	7/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132100	0.9700	1.0000	54	22/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132101	0.8488	1.0000	64	26/03/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132102	0.9700	1.0000	149	28/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132103	0.8488	1.0000	80	2/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132104	0.8488	1.0000	133	17/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132105	0.8488	1.0000	202	21/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132106	0.8488	1.0000	20	1/01/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132107	0.8488	1.0000	185	2/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132108	0.8488	1.0000	138	2/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132109	0.8488	1.0000	126	3/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132110	0.8488	1.0000	158	10/12/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132111	0.8488	1.0000	50	27/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132113	0.8488	1.0000	58	20/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132114	0.8488	1.0000	10	9/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132115	0.8488	1.0000	17	4/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132116	0.8488	1.0000	28	5/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132117	0.9700	1.0000	151	7/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132118	0.8488	1.0000	41	3/10/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132119	0.8488	1.0000	25	21/08/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132120	0.8488	1.0000	59.5	24/03/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132121	0.8488	1.0000	42.4	22/09/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132122	0.8488	1.0000	2.6	23/09/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132123	0.8488	1.0000	4.2	26/09/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132124	0.8488	1.0000	62.5	19/05/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132125	0.7881	1.0000	0.28	25/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132126	0.8488	0.9000	122.7	2/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132127	0.8222	1.0000	45	14/06/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132128	0.7396	1.0000	10	30/09/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132129	0.7881	1.0000	20	10/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132130	0.7881	1.0000	75	14/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132131	0.7881	1.0000	139	14/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132132	0.8488	1.0000	177	14/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132133	0.7881	1.0000	4.4	10/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132134	0.7396	1.0000	11.75	2/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132135	0.7881	1.0000	2	30/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132136	0.8488	0.9286	139	12/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132137	0.7396	1.0000	70	27/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132138	0.8222	1.0000	109	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132139	0.7881	1.0000	42	14/07/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132140	0.8003	0.9286	108	23/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132141	0.8290	1.0000	16.4	5/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132142	0.8488	0.9242	45	3/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132143	0.7396	1.0000	31.5	27/09/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132144	0.7881	1.0000	5	19/07/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132145	0.7857	0.9000	132.76	5/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132146	0.8142	1.0000	5	27/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132147	0.8290	1.0000	10.7	19/11/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132148	0.7881	1.0000	5	18/07/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132149	0.8330	1.0000	66.5	22/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132150	0.8142	1.0000	5	7/09/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132151	0.7881	1.0000	7.5	7/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132152	0.7396	1.0000	22.38	23/01/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132153	0.7881	1.0000	96.3	23/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132154	0.8003	0.9242	120.7	17/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132155	0.8488	1.0000	202	21/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132156	0.8488	0.9242	95	3/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132157	0.7881	1.0000	14	11/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132158	0.7909	1.0000	207	12/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132159	0.7881	1.0000	147	29/08/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132160	0.7881	1.0000	1	24/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132161	0.7396	1.0000	1	24/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132162	0.7396	1.0000	8.6	14/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132163	0.7396	1.0000	65.9	25/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132164	0.8488	0.9238	125	16/10/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132165	0.7881	1.0000	16	10/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132166	0.7881	1.0000	1475	17/01/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132167	0.8142	1.0000	2561	17/01/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132168	0.8488	1.0000	1325	18/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132169	0.8488	0.9000	1283	17/01/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132170	0.7857	0.9000	500	8/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132171	0.7881	1.0000	153	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132172	0.7881	1.0000	4.03	6/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132173	0.7881	1.0000	14.8	7/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132174	0.7881	1.0000	79.4	5/06/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132175	0.8184	0.2000	160	16/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132176	0.8290	1.0000	30	15/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132177	0.8488	0.9242	158	30/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132178	0.8290	1.0000	39.2	11/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132179	0.7396	1.0000	210	1/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132180	0.7396	1.0000	25.4	30/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132181	0.8488	1.0000	1097.1	23/05/1997	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132182	0.7881	1.0000	200	5/03/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132183	0.8488	1.0000	124	29/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132184	0.7881	1.0000	138	28/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132185	0.7881	1.0000	50	15/09/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132186	0.7881	1.0000	146	28/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132195	0.8488	0.8400	15	31/10/1999	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132196	0.8488	0.5000	39.6	16/11/2002	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310132197	0.8488	0.5000	30.2	30/11/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132198	0.8488	0.5000	19.8	17/01/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132199	0.8488	0.5000	83.5	15/11/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132200	0.8488	0.5000	16.26	13/03/2003	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132201	0.8488	0.5000	16.69	18/11/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132202	0.8488	1.0000	61	2/11/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132204	0.8488	1.0000	11	12/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132205	0.8488	1.0000	38.3	18/09/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132206	0.8488	1.0000	55	21/12/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132207	0.8488	1.0000	5	9/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132208	0.8488	1.0000	140	25/02/1985	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132209	0.8488	1.0000	96	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132210	0.8488	1.0000	2	5/07/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132211	0.8488	1.0000	74.3	19/05/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132212	0.8488	1.0000	49.9	19/05/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132213	0.8488	1.0000	60.5	25/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132215	0.8488	1.0000	50.2	30/03/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132216	0.8488	1.0000	55	22/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132217	0.8488	1.0000	14	22/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132218	0.8488	1.0000	20	17/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132219	0.8488	1.0000	150	31/08/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132220	0.8488	1.0000	68	2/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132221	0.8488	1.0000	4	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132223	0.8488	1.0000	80	17/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132224	0.8488	1.0000	9	8/01/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132225	0.8488	1.0000	179	28/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132226	0.8488	1.0000	231	23/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132227	0.8488	1.0000	15	27/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132228	0.8488	1.0000	120	29/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132229	0.8488	1.0000	65	6/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132230	0.8488	1.0000	107.1	14/11/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132231	0.8488	1.0000	50.4	25/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132232	0.8488	1.0000	198	30/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132233	0.8488	1.0000	118	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132234	0.8488	1.0000	12	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132235	0.8488	1.0000	30	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132236	0.8488	1.0000	117.213	22/12/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132237	0.8488	1.0000	211	11/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132238	0.8488	1.0000	35	17/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132239	0.8488	1.0000	195.6	26/01/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132240	0.8488	1.0000	41	14/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132241	0.8488	1.0000	41	1/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132242	0.8488	1.0000	64	3/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132243	0.8488	1.0000	70	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132244	0.8488	1.0000	41	11/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132245	0.8488	1.0000	126	25/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132246	0.8488	1.0000	103	7/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132247	0.8488	1.0000	75	25/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132248	0.8488	1.0000	55	2/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132249	0.8488	1.0000	20	14/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132250	0.8488	1.0000	386	11/08/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310132251	0.8488	1.0000	290	29/11/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310132252	0.8488	1.0000	14.8	1/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132253	0.8750	1.0000	77	15/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132255	0.8750	1.0000	10	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132256	0.8750	1.0000	46	25/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132258	0.8750	1.0000	5	17/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132259	0.8750	1.0000	284	7/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132260	0.8750	1.0000	174	20/01/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132263	0.8750	1.0000	24	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132264	0.8750	1.0000	38	18/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132265	0.8750	1.0000	44	3/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132267	0.8750	1.0000	119	26/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132268	0.8750	1.0000	153	17/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132269	0.8750	1.0000	139	31/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132270	0.8750	1.0000	2	1/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132271	0.8750	1.0000	183	20/201983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132273	0.8750	1.0000	188	16/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132274	0.8750	1.0000	176	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132275	0.8750	1.0000	178	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132276	0.8750	1.0000	240	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132277	0.8750	1.0000	269	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132278	0.8750	1.0000	163	30/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132283	0.8750	1.0000	5.8	27/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132284	0.8750	1.0000	7.3	27/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132285	0.8750	1.0000	20	20/06/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132286	0.8750	1.0000	30	19/12/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132287	0.8750	1.0000	1	13/08/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132288	0.8750	1.0000	43.4	27/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132290	0.8750	1.0000	183	25/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132291	0.8750	1.0000	75	11/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132292	0.8750	1.0000	220	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132293	0.8750	1.0000	91	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132294	0.8750	1.0000	120	11/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132295	0.8750	1.0000	289	8/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132296	0.8750	1.0000	100	6/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132297	0.8750	1.0000	145	13/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132298	0.8750	1.0000	49	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132299	0.8750	1.0000	133	21/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132300	0.8750	1.0000	150	6/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132301	0.8750	1.0000	262	14/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132303	0.8750	1.0000	6	20/09/1987	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310132304	0.8750	1.0000	100	25/05/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132305	0.8750	1.0000	60	16/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132306	0.8750	1.0000	57	14/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132308	0.8750	1.0000	125	10/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132309	0.8750	1.0000	120	4/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132310	0.8750	1.0000	92	1/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132311	0.8750	1.0000	100	10/101982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132312	0.8750	1.0000	252.8	15/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132313	0.8750	1.0000	61	18/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132314	0.8750	1.0000	50	15/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132315	0.8750	1.0000	181	26/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132316	0.8750	1.0000	99	23/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132317	0.8750	1.0000	120	8/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132318	0.8750	1.0000	108	17/08/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132319	0.8750	1.0000	85	22/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132320	0.8750	1.0000	100	19/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132321	0.8750	1.0000	100	15/12/1976	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132323	0.8750	1.0000	16	7/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132325	0.8750	1.0000	140	31/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132326	0.8750	1.0000	127	23/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132327	0.8750	1.0000	246	16/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132328	0.8750	1.0000	45	6/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132329	0.8750	1.0000	1	31/08/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132330	0.8750	1.0000	2	17/02/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132331	0.8750	1.0000	50	22/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132332	0.8750	1.0000	41	13/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132333	0.8750	1.0000	152	2/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132334	0.8750	1.0000	68	23/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132335	0.8750	1.0000	98	16/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132336	0.8750	1.0000	80	21/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132337	0.8750	1.0000	96	14/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132338	0.8750	1.0000	9.2	12/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132339	0.8750	1.0000	9.35	18/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132340	0.8750	1.0000	3	29/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132341	0.8750	1.0000	2	6/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132342	0.8750	1.0000	4	11/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132343	0.8750	1.0000	212	9/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132344	0.8750	1.0000	98	15/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132345	0.8750	1.0000	222	10/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132346	0.8750	1.0000	20	18/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132347	0.8750	1.0000	75	16/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132348	0.8750	1.0000	40	7/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132349	0.8750	1.0000	80	15/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132350	0.8750	1.0000	90	1/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132351	0.8750	1.0000	155	9/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132352	0.8750	1.0000	140		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132353	0.8750	1.0000	1	13/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132355	0.8750	1.0000	153	6/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132356	0.8750	1.0000	115	15/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132358	0.8750	1.0000	71	18/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132359	0.8750	1.0000	122	23/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132360	0.8750	1.0000	75	6/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132362	0.8750	0.9000	39	1/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132363	0.8750	1.0000	131	21/02/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132364	0.8750	1.0000	24	1/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132365	0.8750	1.0000	150	19/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132366	0.8750	1.0000	207	10/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132367	0.8750	1.0000	170	5/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132369	0.8750	1.0000	136	13/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132370	0.8750	1.0000	63		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132371	0.8750	1.0000	159	21/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132372	0.8750	1.0000	4	29/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132373	0.8750	1.0000	25	24/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132374	0.8750	1.0000	113	5/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132375	0.8750	1.0000	257		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132376	0.8750	1.0000	120	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132377	0.8750	1.0000	124	14/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132378	0.8750	1.0000	6	26/06/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132379	0.8750	1.0000	1	26/06/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132380	0.8750	1.0000	29	20/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132381	0.8750	1.0000	100	11/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132382	0.8750	0.9000	100	21/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132383	0.8750	1.0000	129	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132384	0.8750	1.0000	40	2/05/1969	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132385	0.8750	1.0000	62.4	2/05/1969	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132386	0.8750	1.0000	48	27/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132387	0.8750	1.0000	30	25/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132388	0.8750	1.0000	394	3/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132389	0.8750	1.0000	70	16/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132390	0.8750	1.0000	42.5	18/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132391	0.8750	0.9242	2	8/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132392	0.8750	1.0000	3	8/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132393	0.8750	0.9242	95	25/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132394	0.8750	1.0000	9.5	25/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132395	0.8750	1.0000	14.3	26/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132396	0.8750	1.0000	2.5	15/02/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132397	0.8750	1.0000	8.3	8/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132398	0.8750	1.0000	16	25/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132399	0.8750	1.0000	78.2	5/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132400	0.8750	1.0000	88	10/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132402	0.8750	1.0000	51	14/10/1985	HBP, Producing	Surface/BTM Elk
NY	O&G	Empire Energy E&P, LLC	310132403	0.8750	1.0000	121	14/10/1985	HBP, Producing	Surface/BTM Elk

NY	O&G	Empire Energy E&P, LLC	310132406	0.8750	1.0000	172	18/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132407	0.8750	1.0000	85	2/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132409	0.8750	1.0000	61	16/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132410	0.8750	1.0000	50.2	4/08/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132411	0.8750	1.0000	12.3	6/08/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132413	0.8750	1.0000	110	28/01/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132414	0.8750	1.0000	7.6	22/08/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132415	0.8750	1.0000	15.00	7/05/1940	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132416	0.8750	1.0000	90.00		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132417	0.8750	1.0000	70.00	22/10/1913	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132418	0.8750	1.0000	46.75	18/01/1915	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132419	0.8750	1.0000	49.50	9/05/1940	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132420	1.0000	1.0000	80.00	8/05/1940	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132421	0.8750	1.0000	78.14	20/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132422	0.8750	1.0000	10.80	20/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132423	0.8750	1.0000	17.30	3/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132424	0.8750	1.0000	1.08	21/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132425	0.8750	1.0000	6.76	16/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132426	0.8750	1.0000	40.00	23/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132427	0.8750	1.0000	40.00	15/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132428	0.8750	1.0000	40.00	20/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132429	0.8750	1.0000	40.00	23/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132430	0.8750	1.0000	40.00	6/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132431	1.0000	1.0000	40.00	1/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132432	0.8750	1.0000	25.56	21/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132433	0.8750	1.0000	6.60	20/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132434	0.8750	1.0000	13.76	8/07/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132435	0.8750	1.0000	64.00	7/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132436	0.8600	1.0000	16.30	28/09/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132437	0.9850	1.0000	116.40	2/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132438	0.9850	1.0000	1.30	9/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132439	0.9850	1.0000	1.00	28/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132440	0.9850	1.0000	5.80	2/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132441	0.8750	1.0000	47.00	23/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132442	0.8750	1.0000	31.00	9/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132443	0.8750	1.0000	134.00	21/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132444	0.8750	1.0000	26.70	12/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132445	0.8750	1.0000	67.40	7/08/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132446	0.8477	0.8750	31.60	12/08/1996	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132447	0.8477	0.8750	74.30	30/07/1996	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132448	0.8477	0.8750	9.30	8/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132449	0.8477	1.0000	71.70	22/04/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132450	0.8477	0.8750	22.10	1/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132451	0.8000	0.8750	60.00	3/11/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132452	0.8000	0.8750	108.50	3/11/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132453	0.7986	0.6478	5.80	28/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132454	0.7986	0.6478	4.30	9/03/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132455	0.7986	0.6478	4.00	25/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132456	0.7986	0.6478	21.00	10/03/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132457	0.7986	0.6478	4.00	9/03/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132458	0.7986	0.6478	10.00	17/03/1999	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132459	0.7986	0.6478	1.50	30/05/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132460	0.7986	0.6478	1.30	30/05/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132461	0.7986	0.6478	1.50	18/08/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132462	0.7986	0.6478	1.50	25/05/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132463	0.7986	0.6478	53.56	17/11/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132464	0.8140	0.8011	71.80	23/12/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132465	0.8140	0.8011	192.30	4/11/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132466	0.8140	0.8011	194.10	5/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132467	0.8140	0.8011	31.00	23/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132468	0.8000	0.6478	2.00	12/06/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132469	0.8000	0.6478	3.80	25/07/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132470	0.8000	0.5482	1.50	22/03/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132471	0.8000	0.6474	1.30	27/03/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132472	0.8000	0.6474	2.40	14/12/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132473	0.8000	0.6474	20.00	20/07/1992	HBP, Producing	All Horizons
NY	Minerals	Empire Energy E&P, LLC	310132474	1.0000	0.6474	3.70	N/A	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132475	0.8250	0.8011	46.10	28/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132476	0.8250	0.8011	53.90	28/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132477	0.8250	1.0000	19.00	29/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132478	0.8250	1.0000	10.50	28/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132479	0.8250	1.0000	9.90	15/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132480	0.8250	1.0000	18.00	16/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132481	0.8750	1.0000	26.00	5/11/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132482	0.8750	1.0000	4.60	19/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132483	0.8750	1.0000	11.70	10/301989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132484	0.8750	1.0000	20.00	30/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132485	0.7500	1.0000	75.00	13/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132486	0.8140	0.8011	65.50	14/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132487	0.8750	1.0000	129.20	21/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132488	0.8250	1.0000	3.40	23/04/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132489	0.8250	1.0000	23.20	1/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132490	0.8750	1.0000	220.50	20/06/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132491	0.8150	0.7960	44.00	2/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132492	0.8750	1.0000	40.10	6/01/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132493	0.8750	1.0000	2.00	14/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132494	0.8750	1.0000	11.30	12/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132495	1.0000	1.0000	1.30	12/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132496	0.8750	1.0000	24.00	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132497	0.9390	0.8011	10.00	14/06/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132498	0.8750	1.0000	7.50	30/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132499	1.0000	1.0000	1.50	12/10/1987	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	310132500	0.8000	0.8750	13.00	24/02/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132501	0.8750	1.0000	68.00	19/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132502	0.8750	1.0000	77.70	18/05/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132503	0.8750	0.9425	178.60	9/10/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132504	0.8822	0.9425	1.90	21/05/2014	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132505	0.8822	0.9425	2.00	21/05/2014	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132506	0.8822	0.9425	2.40	21/05/2014	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132507	0.8750	1.0000	150.00	6/03/1910	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132508	0.8750	0.7935	62.88	24/04/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132509	0.7500	1.0000	70.00	21/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132510	1.0000	0.8750	58.20	21/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132511	0.8313	1.0000	21		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132512	0.8313	1.0000	25		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132513	0.8313	1.0000	55		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132514	0.8313	1.0000	48		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132515	0.5299	1.0000	340		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132516	0.8437	1.0000	63.6		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132517	0.8437	1.0000	81.7		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132518	0.8259	1.0000	26.7		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132519	0.8259	1.0000	46		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132520	0.8259	1.0000	79.5		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132521	0.8438	1.0000	27.5		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132522	0.8438	1.0000	40		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132523	0.8438	1.0000	30		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132524	0.8438	1.0000	44.4		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132525	0.8438	1.0000	60.4		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132526	0.8439	1.0000	53.8		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132527	0.8439	1.0000	42		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132528	0.5588	1.0000	100		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132529	0.8438	1.0000	157.1		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290001	0.4123	0.5000	23.24	5/01/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290003	0.4123	0.5000	22.98	29/01/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290004	0.4244	0.5000	26.41	12/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290005	0.4123	0.5000	29.35	10/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290006	0.6184	0.7500	7.82	18/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290007	0.4123	0.5000	15.22	12/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290008	0.6184	0.7500	15.78	24/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290009	0.6184	0.7500	24.22	23/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290010	0.6184	0.7500	30.6	31/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290011	0.6184	0.7500	3.8	2/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290012	0.6184	0.7500	5.6	16/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290013	0.4244	0.5000	22	24/07/1994	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310290015	0.6184	0.7500	20	24/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290016	0.6184	0.7500	3.4	6/07/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290017	0.6366	0.7500	1.6	28/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290018	0.6184	0.7500	15	26/07/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290022	0.4123	0.5000	19	16/11/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290023	0.4123	0.5000	10	1/04/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290024	0.4123	0.5000	2	27/07/1995	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290025	0.4123	0.5000	2	15/02/1995	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290026	0.4123	0.5000	7	9/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290029	0.4123	0.5000	1.65	21/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290030	0.4123	0.5000	5.3	16/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290035	0.4123	0.5000	40	30/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290036	0.6184	0.7500	9.7	18/07/1986	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290037	0.6184	0.7500	9.9	19/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290038	0.6366	0.7500	4.8	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290039	0.4123	0.5000	45.6	24/11/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290040	0.6184	0.7500	10	10/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290041	0.4123	0.5000	1.2	22/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290042	0.6184	0.7500	31.36	23/10/1984	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290043	0.6184	0.7500	2.1	17/12/1980	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290044	0.6184	0.7500	2.03	30/09/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290045	0.6184	0.7500	1.58	17/02/1996	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290046	0.6184	0.7500	0.946	15/02/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290047	0.6184	0.7500	2.25	24/04/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290049	0.4123	0.5000	39.5	13/09/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290050	0.4123	0.5000	0.5	3/09/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290051	0.4123	0.5000	77	26/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290052	0.4123	0.5000	3	20/10/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290053	0.6184	0.7500	21.65	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290054	0.6184	0.7500	18.35	31/10/1984	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290055	0.6184	0.7500	29	18/08/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290056	0.6184	0.7500	1.5	31/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290057	0.6184	0.7500	1.5	14/07/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290058	0.6184	0.7500	1	30/09/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290059	0.6184	0.7500	4	29/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290060	0.6184	0.7500	3	29/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290061	0.6184	0.7500	8.28	20/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290062	0.6184	0.7500	9.45	13/07/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290063	0.6184	0.7500	2.2	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290064	0.6184	0.7500	3	18/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290065	0.6184	0.7500	2.2	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290066	0.6184	0.7500	3	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290068	0.6184	0.7500	1.83	18/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290069	0.6184	0.7500	38.09	12/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290070	0.6184	0.7500	1.91	25/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290075	0.4123	0.5000	12	10/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290076	0.4123	0.5000	9	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290077	0.4123	0.5000	1	15/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290078	0.4123	0.5000	8.5	11/11/1994	HBP, Producing	Surface BTM Clinton

NY	O&G	Empire Energy E&P, LLC	310290079	0.4123	0.5000	1	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290080	0.4123	0.5000	1	15/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290082	0.4123	0.5000	1	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290084	0.4123	0.5000	1	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290086	0.4123	0.5000	40	20/09/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290087	0.4123	0.5000	40	16/11/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290088	0.4123	0.5000	0.47	3/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290089	0.4123	0.5000	1.38	13/04/1990	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290090	0.8488	1.0000	32.2	23/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290091	0.8488	1.0000	1.21	12/06/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290092	0.8488	1.0000	7.1	20/04/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290093	0.8488	1.0000	1	23/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290094	0.8488	1.0000	11	26/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290095	0.8488	1.0000	19.9	17/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290096	0.8488	1.0000	2.1	18/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290097	0.8488	1.0000	3.2	25/04/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290098	0.8488	1.0000	13	20/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290099	0.8488	1.0000	52.3	29/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290100	0.8488	1.0000	3.9	20/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290101	0.8488	1.0000	15.03	20/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290102	0.8488	1.0000	19.7	8/05/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290103	0.8488	1.0000	46.5	7/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290104	0.8488	1.0000	22.9	5/02/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290105	0.8488	1.0000	54.9	15/08/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290106	0.8488	1.0000	8.3	13/09/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290107	0.8488	1.0000	1.3	15/08/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290108	0.8488	1.0000	0.43	21/05/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290109	0.8488	1.0000	48.9	7/08/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290110	0.8488	1.0000	127	30/07/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290111	0.8488	1.0000	89	7/08/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290112	0.8488	1.0000	0.83	2/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290113	0.8488	1.0000	1	8/05/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290114	0.8488	1.0000	15	16/04/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290115	0.8488	1.0000	31.74	22/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290116	0.8488	1.0000	1.4	2/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290117	0.8488	1.0000	40.7	25/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290118	0.8488	1.0000	44.4	8/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290119	0.8488	1.0000	18.17	27/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290120	0.8488	1.0000	0.18	14/06/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290121	0.8488	1.0000	5.5	4/08/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290122	0.8488	1.0000	1.1	12/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290123	0.8488	1.0000	3.8	18/09/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290124	0.8488	1.0000	35.3	16/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290125	0.8488	1.0000	114	9/07/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290126	0.8488	1.0000	2.2	22/03/2089	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290127	0.8488	1.0000	24.7	22/03/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290128	0.8488	1.0000	0.97	26/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290129	0.8488	1.0000	1.46	27/04/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290130	0.8488	1.0000	1.2	9/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290131	0.8488	1.0000	12.13	14/06/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290132	0.8488	1.0000	1.48	12/08/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290133	0.8488	1.0000	23.24	9/03/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290134	0.8488	1.0000	1.5	27/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290135	0.8488	1.0000	100	1/08/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290136	0.8488	1.0000	141.7	1/08/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290137	0.8488	1.0000	3.6	12/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290138	0.8488	1.0000	2	10/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290139	0.8488	1.0000	22	13/07/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290140	0.8488	1.0000	0.35	19/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290141	0.8488	1.0000	28.6	14/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290142	0.8488	1.0000	1.1	17/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290143	0.8488	1.0000	3.98	22/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290144	0.8488	1.0000	2.5	30/11/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290145	0.8488	1.0000	1.1	19/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290146	0.8488	1.0000	16.3	2/01/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290147	0.8488	1.0000	2	12/11/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290148	0.8488	1.0000	2.17	25/10/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290149	0.8488	1.0000	4.21	21/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290150	0.8488	1.0000	4.36	21/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290151	0.8488	1.0000	0.16	18/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290152	0.8488	1.0000	1.2	9/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290153	0.8488	1.0000	50	2/10/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290154	0.8488	1.0000	27.4	17/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290155	0.8488	1.0000	1.32	27/09/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290156	0.8488	1.0000	5.98	24/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290157	0.8488	1.0000	10.7	23/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290158	0.8488	1.0000	8.5	28/09/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290159	0.8488	1.0000	49.98	27/07/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290160	0.8488	1.0000	31.2	13/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290161	0.8488	1.0000	0.72	5/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290162	0.8488	1.0000	0.13	9/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290163	0.8488	1.0000	3.57	12/06/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290164	0.8488	1.0000	2.9	15/08/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290165	0.8488	1.0000	4.1	31/05/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290166	0.8488	1.0000	15.58	20/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290167	0.8488	1.0000	15.58	20/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290168	0.8488	1.0000	4.7	20/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290169	0.8488	1.0000	13.5	22/05/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290170	0.8488	1.0000	5.6	17/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290171	0.8488	1.0000	22.44	11/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290172	0.8488	1.0000	3.7	11/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290173	0.8488	1.0000	13	18/11/1993	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310290174	0.8488	1.0000	1.6	14/02/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290176	0.8488	1.0000	4.3	28/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290177	0.8488	1.0000	61.5	18/07/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290178	0.8488	1.0000	10.5	6/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290179	0.8488	1.0000	15.58	20/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290180	0.8488	1.0000	15.58	20/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290181	0.8488	1.0000	4.29	28/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290182	0.8488	1.0000	11.2	1/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290183	0.8488	1.0000	38.3	6/11/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290184	0.8488	1.0000	4.6	17/09/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290185	0.8488	1.0000	0.72	5/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290186	0.8488	1.0000	0.46	5/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290187	0.8488	1.0000	37	8/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290188	0.8488	1.0000	3.8	23/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290189	0.8488	1.0000	10.1	19/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290190	0.8488	1.0000	15.37	7/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290191	0.8488	1.0000	2.3	15/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290192	0.8488	1.0000	0.18	9/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290193	0.8488	1.0000	57	13/04/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290194	0.8488	1.0000	4	7/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290195	0.8488	1.0000	5.92	14/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290196	0.8488	1.0000	1.1	20/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290197	0.8488	1.0000	1.37	30/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290198	0.8488	1.0000	0.77	14/10/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290199	0.8488	1.0000	12.8	24/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290200	0.8488	1.0000	60	18/08/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290201	0.8488	1.0000	1.02	29/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290202	0.8488	1.0000	3.8	14/06/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290203	0.8488	1.0000	16.3	21/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290204	0.8488	1.0000	26.55	9/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290205	0.8488	1.0000	10.6	30/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290206	0.8488	1.0000	1.08	18/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290207	0.8488	1.0000	30.6	20/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290208	0.8488	1.0000	1	29/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290209	0.8488	1.0000	19.9	24/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290210	0.8488	1.0000	0.52	15/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290211	0.8488	1.0000	2.3	19/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290212	0.8488	1.0000	9.3	13/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290213	0.8488	1.0000	37.2	23/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290214	0.8488	1.0000	36.7	5/04/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290215	0.8488	1.0000	0.5	21/06/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290216	0.8488	1.0000	9.1	24/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290217	0.8488	1.0000	1.6	25/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290218	0.8488	1.0000	18.42	14/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290219	0.8488	1.0000	0.52	8/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290220	0.8488	1.0000	2	1/06/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290221	0.8488	1.0000	1	10/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290222	0.8488	1.0000	78	23/06/1971	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290223	0.8488	1.0000	57	27/11/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290224	0.8488	1.0000	15	17/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290225	0.8488	1.0000	180	15/08/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290226	0.9700	1.0000	73	12/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290227	0.8488	1.0000	46	10/03/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290228	0.8488	1.0000	285	19/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290229	0.8488	1.0000	420	17/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290230	0.8488	1.0000	25	31/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290231	0.8488	1.0000	94	26/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290232A	0.8488	1.0000	45	25/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290233	0.8488	1.0000	110	27/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290234	0.8488	1.0000	70	27/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290235	0.8488	1.0000	66	23/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290236	0.9700	1.0000	150	4/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290237	0.8488	1.0000	45	27/07/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290238	0.8488	1.0000	49	3/08/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290239	0.8488	1.0000	29.91	5/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290240	0.8488	1.0000	100	14/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290241	0.8488	1.0000	50	27/07/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290242	0.8488	1.0000	25	24/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290243	0.8488	1.0000	353	10/11/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290244	0.8488	1.0000	41	13/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290245	0.8488	1.0000	271	27/07/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290246	0.8488	0.1526	0.5	28/02/1995	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290247	0.8488	0.1526	3.3	6/08/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290248	0.7396	0.9611	10	4/11/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290249	0.8488	1.0000	121	30/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290250	0.8488	0.1526	64.3	8/01/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290251	0.8488	1.0000	97	21/01/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290252	0.7396	0.9611	180	18/08/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290253	0.8488	0.2500	12.7	5/03/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290254	0.8488	0.9611	4	11/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290255	0.8488	1.0000	216	8/03/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290256	0.8488	0.9611	15.3	21/08/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290257	0.8488	0.1526	20.7	7/03/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290258	0.8488	0.1526	92.9	27/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290259	0.7396	0.9611	50	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290260	0.7396	0.9611	41	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290261	0.8488	1.0000	60	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290262	0.8488	1.0000	41	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290263	0.8488	0.1526	13.54	30/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290264	0.7396	0.9611	209	22/06/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290265	0.7490	0.9611	310	22/03/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290266	0.7396	0.9611	9	31/12/1987	HBP, Producing	Surface Top Queenstn

NY	O&G	Empire Energy E&P, LLC	310290267	0.8391	1.0000	130	21/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290268	0.7587	0.9611	123	5/12/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290269	0.8488	0.1526	1	2/12/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290270	0.8488	0.2500	10.9	5/03/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290271	0.8488	0.9611	148	27/01/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290272	0.7587	0.9611	223.36	12/02/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290273	0.8488	0.9611	3	1/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290274	0.8488	0.1526	75	3/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290275	0.8488	0.2500	80	23/01/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290276	0.8488	0.2500	99.7	12/01/1993	HBP, Producing	Surface Top Queenstn
NY	FEE	Empire Energy E&P, LLC	310290277	0.8750	1.0000	42		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290280	0.8750	1.0000	38	8/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290281	0.8750	1.0000	45	31/03/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290282	0.8750	1.0000	94	25/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290283	0.8750	1.0000	167	1/11/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290284	0.8750	1.0000	140	3/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290285	0.8750	1.0000	61	19/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290286	0.8750	1.0000	25	31/08/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290287	0.8750	1.0000	50	1/09/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290289	0.8750	1.0000	56	26/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290290	0.8750	1.0000	2	11/07/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290292	0.8750	1.0000	51	26/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290293	0.8750	1.0000	40.3	14/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290294	0.8750	1.0000	38.1	19/11/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290295	0.8750	1.0000	48.6	4/12/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290297	0.8750	1.0000	15.3	4/12/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290298	0.8750	1.0000	140.00	30/08/1910	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290299	0.8750	1.0000	40.00	13/04/1900	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290300	0.8750	1.0000	7.00	29/03/1903	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290301	0.8750	1.0000	178.00	22/11/1914	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290302	0.8750	1.0000	167.00	17/03/1920	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290303	0.8750	1.0000	196.00	1/05/1933	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290304	0.8750	1.0000	34.00	25/06/1928	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290305	0.8750	1.0000	25.00	8/09/1924	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290306	0.8750	1.0000	200.00	31/07/1954	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290307	0.8750	1.0000	80.00	11/03/1913	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290308	0.8750	1.0000	150.00	26/05/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290309	0.8750	1.0000	100.00	19/08/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290310	0.8750	1.0000	93.16	21/11/1919	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290311	0.8750	1.0000	91.33	4/06/1920	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290312	0.8750	1.0000	93.00	26/06/1923	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290313	0.8750	1.0000	108.00	16/03/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290314	0.8750	1.0000	978.5	22/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290315	0.8750	1.0000	75	1/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290316	0.78385	1.0000	10		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290317	0.78385	1.0000	5		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290318	0.78385	1.0000	5		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290319	0.78385	1.0000	10		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290320	0.78385	1.0000	5.3		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290321	0.78385	1.0000	19		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290322	0.84375	1.0000	89.24		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290323	0.84535	1.0000	17.62		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290324	0.84535	1.0000	14.4		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290325	0.84535	1.0000	27.7		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290326	0.84535	1.0000	6.7		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290327	0.84535	1.0000	16.8		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290328	0.76243	1.0000	105.93		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290330	0.76243	1.0000	34.69		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290331	0.76243	1.0000	231.08		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290332	0.55875	1.0000	97.1		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290333	0.55875	1.0000	24.41		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290334	0.84415	1.0000	32		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290335	0.84415	1.0000	29.6		HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310370001	0.8750	1.0000	60.00	23/01/1912	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310370002	0.8750	1.0000	8.00	6/06/1909	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310370003	0.8750	1.0000	67.00	11/02/1908	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310370004	0.8750	1.0000	52.00	27/01/1908	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310370005	0.8750	1.0000	77.00	9/12/1911	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310370006	0.8750	1.0000	92.00	21/09/1918	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690078	0.8488	1.0000	70	24/02/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690157	0.8750	1.0000	88.00	9/09/1970	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690158	0.8750	1.0000	138.00	10/10/1968	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690159	0.8750	1.0000	196.00	10/10/1968	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690160	0.8750	1.0000	15.00	3/03/1971	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690161	0.8750	1.0000	21.00	2/09/1970	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690162	0.8750	1.0000	1.00	9/01/1971	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690163	0.8750	1.0000	14.70	9/01/1971	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690164	0.8750	1.0000	10.00	9/01/1971	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690165	0.8750	1.0000	120.50	11/01/1971	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690166	0.8750	1.0000	6.10	9/01/1971	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690167	0.8750	1.0000	71.22	2/07/1970	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690168	0.8750	1.0000	15.00	6/06/1964	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690169	0.8750	1.0000	10.00	11/12/1971	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690170	0.8750	1.0000	146.00	31/05/1970	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690171	0.8750	1.0000	123.00	2/11/1960	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690172	0.8750	1.0000	99.00	14/01/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690173	0.8750	1.0000	17.00	25/01/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690174	0.8750	1.0000	80.20	31/08/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690175	0.8750	1.0000	50.00	26/10/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690176	0.8750	1.0000	2.70	2/04/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690177	0.8750	1.0000	1.20	5/04/2010	HBP, Producing	All Horizons

NY	Minerals	Empire Energy E&P, LLC	310690178	0.8764	1.0000	71.22	N/A	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990022	0.8488	1.0000	257	17/09/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990033	0.8488	1.0000	123	1/10/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990034	0.8488	1.0000	331	22/10/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990046	0.8488	1.0000	161.7	20/06/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990055A	0.8488	1.0000	39	1/08/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990145A	0.8488	1.0000	0.88	22/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990052	0.8488	1.0000	55.9	1/08/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990067	0.8488	1.0000	198.2	29/08/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990085	0.8488	1.0000	3	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990086	0.8488	1.0000	2.2	6/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990087	0.8488	1.0000	55.1	4/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990088	0.8488	1.0000	138	5/03/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990089	0.8488	1.0000	0.68	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990090	0.8488	1.0000	81.5	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990091	0.8488	1.0000	1.3	3/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990092	0.8488	1.0000	1	3/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990098	0.8488	1.0000	44.5	2/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990099	0.8488	1.0000	1.1	1/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990101	0.8488	1.0000	6.41	25/02/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990102	0.8488	1.0000	0.88	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990103	0.8488	1.0000	2.76	12/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990104	0.8488	1.0000	0.68	6/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990106	0.8488	1.0000	3.9	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990107	0.8488	1.0000	2	13/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990108	0.8488	1.0000	134.5	17/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990119	0.8488	1.0000	28.9	11/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990121	0.8488	1.0000	77.9	25/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990122	0.8488	1.0000	0.68	22/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990130	0.8488	1.0000	753	27/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990132	0.8488	1.0000	48.9	30/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990135	0.8488	1.0000	50.76	10/04/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990136	0.8488	1.0000	1.3	30/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990137	0.8488	1.0000	0.92	3/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990138	0.8488	1.0000	1.36	12/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990139	0.8488	1.0000	0.88	14/04/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990141	0.8488	1.0000	147	25/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990143	0.8488	1.0000	1	7/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990144	0.8488	1.0000	0.88	22/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990146	0.8488	1.0000	0.77	2/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990150	0.8488	1.0000	1.6	26/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990152	0.8148	1.0000	865.1	4/05/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990157	0.8488	1.0000	910.3	1/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990160	0.8488	1.0000	1.8	5/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990161	0.8488	1.0000	1.1	6/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990162	0.8488	1.0000	4.06	6/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990163	0.8488	1.0000	1	6/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990164	0.8488	1.0000	19.6	8/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990172	0.8488	1.0000	108.5	21/02/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990174	0.8488	1.0000	1.2	1/07/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990193	0.8488	1.0000	61.4	23/09/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990195	0.8488	1.0000	41.2	9/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990212	0.8488	1.0000	333.1	24/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990213	0.8488	1.0000	49	28/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990214	0.8488	1.0000	153.7	24/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990215	0.8488	1.0000	158.1	24/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990216	0.8488	1.0000	80.6	24/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990219	0.8488	1.0000	27.7	30/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990235	0.8488	1.0000	90.1	20/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990249	0.8488	1.0000	4.1	22/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990250	0.8488	1.0000	1.0784	23/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990251	0.8488	1.0000	33.9	2/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990271	0.8488	1.0000	1.004	6/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990272	0.8488	1.0000	43.5	8/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990275	0.8488	1.0000	57.25	18/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990280	0.8488	1.0000	0.88	15/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990281	0.8488	1.0000	0.81	3/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990282	0.8488	1.0000	5	28/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990286	0.8488	1.0000	161.8	23/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990299	0.8488	1.0000	5	6/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990300	0.8488	1.0000	6.6	15/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990301	0.8488	1.0000	381	30/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990303	0.8488	1.0000	5	5/04/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990313	0.8488	1.0000	1.154	9/06/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990343	0.8488	1.0000	2.05	21/02/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990377	0.8488	1.0000	1	10/08/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990446	0.8488	1.0000	265.7	19/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990447	0.8488	1.0000	129.7	8/12/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990448	0.8488	1.0000	289.44	24/07/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990449	0.8488	1.0000	125.7	14/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990450	0.8488	1.0000	399.93	14/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990451	0.8184	1.0000	296.14	19/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990452	0.8488	1.0000	434.4	19/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990617	0.8438	1.0000	209.8	26/05/2019	Leased, DelayRental P	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170004	0.8488	0.5000	97	5/11/1998	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170008	0.8488	0.5000	132	12/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170009	0.8488	0.5000	85	11/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170011	0.8488	0.5000	166.31	28/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170021	0.8488	0.5000	41	1/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170024	0.8488	0.5000	62	3/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170026	0.8184	0.5000	7.4	25/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170033	0.8488	0.5000	983.45	30/06/2004	HBP, Producing	All Horizons

NY	O&G	Empire Energy E&P, LLC	311170093	0.8488	0.5000	25.5	20/11/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170105	0.8488	0.5000	8.7	19/12/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170118	0.8488	1.0000	91.06	25/01/2022	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170140	0.8488	0.5000	0.89	12/02/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170202A	0.8488	0.5000	0.75	4/03/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170338	0.8488	0.5000	5.96	2/03/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170432	0.8488	0.5000	50.5	31/03/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170473	0.8488	0.5000	2.84	24/10/2006	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370050001	0.8750	0.5000	45	15/12/1996	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370050002	0.8750	0.7501	151	11/01/1990	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050003	0.8750	0.3570	140	21/05/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050004	0.8750	0.2500	50	4/11/1996	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370050005	0.8750	0.3750	191	31/07/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050006	0.8750	0.3750	50	23/02/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050007	0.8750	0.3750	91	19/04/1995	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310003	0.8750	1.0000	20	16/11/1975	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310004	0.8750	1.0000	126	30/12/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310005	0.8750	1.0000	7.151	8/08/1990	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310006	0.8750	1.0000	170	22/08/1957	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310007	0.8750	1.0000	84	12/08/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310008	0.8750	0.6250	104	29/09/1993	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310009	0.8750	1.0000	175.1	12/01/1990	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310010	0.8750	1.0000	14	7/11/1998	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310011	0.8750	1.0000	152	9/01/1966	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310012	0.8750	1.0000	189	15/02/1929	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310013	0.8750	0.7501	103	11/01/1990	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310014	0.8750	1.0000	12.5	11/10/1914	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310015	0.8750	0.5000	5	1/05/1998	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310016	0.8750	0.3750	50	25/10/1994	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310017	0.8750	1.0000	51	21/01/1967	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310018	0.8750	0.7501	116	30/01/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310019	0.8750	0.2500	47	7/10/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310021	0.8750	1.0000	100	2/04/1950	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310022	0.8750	0.6250	7.31	11/04/1997	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310023	0.8750	0.8748	23.978	8/11/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310025	0.8750	1.0000	87.16	17/12/1998	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310026	0.8750	0.2500	5	29/04/1997	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310027	0.8750	0.6250	80	15/06/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310030	0.8750	1.0000	48	17/09/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310031	0.8750	1.0000	102	9/12/1989	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310032	0.8750	0.2500	124	1/02/1998	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310033	0.8750	1.0000	64	2/08/1960	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310034	0.8750	1.0000	35	23/02/1984	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310035	0.8750	0.6667	101	1/04/2000	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310036	0.8750	0.5000	100	9/09/1997	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310037	0.8750	1.0000	8	20/06/1993	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310039	0.8750	1.0000	114	24/03/1993	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310041	0.8750	1.0000	63	28/11/2004	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310042	0.8750	1.0000	220	16/05/1966	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310043	0.8750	1.0000	180.8875	13/11/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310044	0.8750	1.0000	100	3/08/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310045	0.8750	1.0000	60	25/08/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310046	0.8750	0.6667	1.5	20/11/2002	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310047	0.8750	1.0000	51	11/01/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310048	0.8750	1.0000	124	15/04/1960	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310049	0.8750	1.0000	101	4/03/1989	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310050	0.8750	0.5000	54.66	3/12/1996	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310051	0.8750	1.0000	101.52	18/09/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310052	0.8750	1.0000	7.70625	14/10/2001	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310053	0.8750	1.0000	19	20/08/1986	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310054	0.8750	1.0000	20	15/09/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310055	0.8750	0.6667	85.96	1/04/2018	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310056	0.8750	1.0000	83.189	1/04/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310057	0.8750	1.0000	65	1/04/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310058	0.8750	1.0000	35	18/12/2005	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310059	0.8750	1.0000	71	15/09/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310060	0.8750	0.5000	40	1/06/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310061	0.8750	0.6667	85.33	15/09/2018	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310062	0.8750	1.0000	120	22/08/2004	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370490179	0.7881	1.0000	223	23/03/1979	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490190	0.8488	1.0000	21.89	30/06/1979	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490191	0.8488	1.0000	17.78	11/07/1979	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490192	0.8488	1.0000	9	9/06/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490203	0.8488	1.0000	140	9/10/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490204	0.8488	1.0000	114.79	15/06/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490205	0.8488	1.0000	21.5	14/11/1981	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490209	0.8222	1.0000	82	25/06/1984	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490213	0.8488	1.0000	38	16/06/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490222	0.7922	1.0000	115	18/12/1981	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490223	0.7881	1.0000	124	4/05/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490224	0.8488	1.0000	9.51	18/06/2001	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490225	0.8488	1.0000	21.9	21/06/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490227	0.8222	1.0000	57	11/11/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490228	0.8488	1.0000	10.027	26/09/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490229	0.8488	1.0000	10.027	18/09/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490252	0.8488	1.0000	31.68	3/12/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490253	0.8488	1.0000	48.07	1/12/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490254	0.8488	1.0000	45	10/04/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490255	0.8488	1.0000	233	5/07/1981	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490256	0.8488	1.0000	120.55	20/09/1981	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490257	0.8488	1.0000	19	31/03/2001	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490290	0.8167	0.9255	44.07	6/11/1982	HBP, Producing	All Horizons

PA	O&G	Empire Energy E&P, LLC	370490291	0.8488	1.0000	92.46	22/12/1988	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490292	0.8488	1.0000	98.5	18/05/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490293	0.8488	1.0000	202.17	9/05/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490294	0.8488	1.0000	81	8/10/2002	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490314	0.8488	1.0000	57	29/10/1988	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490321	0.8488	1.0000	96.58	7/08/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490335	0.7881	1.0000	39	8/07/1981	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490336	0.7881	1.0000	280	26/07/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490337	0.7881	1.0000	38.93	6/07/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490338	0.8488	1.0000	13.76	7/05/1984	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490339	0.7881	1.0000	47.84	28/06/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490340	0.8488	1.0000	109	16/02/1988	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490345	0.8488	1.0000	21.12	31/08/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490354	0.7881	1.0000	93	30/06/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490355	0.7881	1.0000	25	27/06/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490356	0.8488	1.0000	2.58	25/06/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490376	0.8488	1.0000	225	21/11/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490405	0.8488	1.0000	50	23/04/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490418	0.8488	1.0000	138.75	22/09/1988	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490419	0.8488	1.0000	137	2/03/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490420	0.7881	1.0000	75	24/08/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490421	0.8488	1.0000	100	1/05/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490433	0.8488	1.0000	175	11/08/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490445	0.8488	1.0000	99.19	18/09/1988	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490475	0.8488	1.0000	100	24/11/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490498	0.8488	1.0000	75	14/08/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490501	0.8488	1.0000	119.2	20/08/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490512	0.7881	1.0000	225	26/07/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490520	0.7881	1.0000	20	20/08/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490553	0.8488	1.0000	50	1/03/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490556	0.8488	1.0000	80	16/01/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490613	0.8488	1.0000	187	17/11/1996	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490640	0.8488	1.0000	50	15/03/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490659	0.7881	1.0000	100	10/08/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490660	0.8488	1.0000	67	16/06/1988	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490661	0.7881	1.0000	38	4/07/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490662	0.8488	1.0000	0.94	8/07/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490675	0.8488	1.0000	434.21	17/11/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490678	0.8488	1.0000	20	4/11/1990	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490679	0.8488	1.0000	95	3/06/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490680	0.8488	1.0000	20	5/08/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490681	0.8488	1.0000	50	2/05/1981	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490682	0.8488	1.0000	36	23/06/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490683	0.8488	1.0000	21	5/06/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490688	0.8488	1.0000	152.48	6/08/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490693	0.8488	1.0000	151	8/04/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490699	0.8488	1.0000	100	9/10/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490715	0.8488	1.0000	23.75	22/03/1980	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490725	0.8488	1.0000	271.12	29/12/1979	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490726	0.8488	1.0000	140.13	27/04/1978	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490750	0.8222	1.0000	139.9	19/01/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490751	0.8222	1.0000	225	17/10/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490752	0.8488	1.0000	89.59	15/06/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490753	0.8488	1.0000	28	27/04/2001	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490754	0.8488	1.0000	10.86	19/01/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490943	0.7881	1.0000	97	25/04/1982	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490944	0.7881	1.0000	98	6/07/1981	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490945	0.7881	1.0000	175	8/02/1982	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490946	0.7881	1.0000	127.14	14/04/1980	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490947	0.8488	0.7350	165	27/06/1981	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490948	0.7881	1.0000	37	9/08/1986	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490949	0.7881	1.0000	82	3/07/1986	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490950	0.7881	1.0000	170	12/09/1980	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490951	0.7881	1.0000	216	2/06/1986	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490952	0.7881	1.0000	150	11/03/1987	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370650001	0.8750	1.0000	44	28/12/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650003	0.8750	1.0000	86	4/05/1945	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650004	0.8750	1.0000	35	3/08/1963	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650005	0.8750	1.0000	106	27/05/1950	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650006	0.8750	1.0000	140	27/05/1950	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650007	0.8750	0.2500	221	12/12/1997	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370650009	0.8750	1.0000	36	17/06/1945	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650010	0.8750	1.0000	84	6/01/1951	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650011	0.8750	1.0000	40	27/01/1960	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650012	0.8750	1.0000	108	18/02/2003	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650014	0.8750	1.0000	76	10/10/2000	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650015	0.8750	1.0000	76	10/10/2000	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650016	0.8750	1.0000	135	7/04/1961	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370650017	0.8750	1.0000	200	5/04/1960	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650018	0.8750	1.0000	22	25/01/1987	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650019	0.8750	1.0000	73.73	31/01/1995	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650020	0.8750	1.0000	177	2/01/1961	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650021	0.8750	1.0000	133.4	13/03/1992	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370650022	0.8750	0.8000	32	3/08/1962	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650023	0.8750	1.0000	42	7/04/1993	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650024	0.8750	1.0000	101	13/06/1939	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650025	0.8750	0.8000	104	25/09/1964	HBP,Producing	Surface BTM Elk
						267374.4497			

State	Minerals	Operator	Empire ID	NRI	WI	Acreage	Maturity	Status	Formation
NY	ROW	Empire Energy E&P, LLC	RW310090001	N/A	1.0000	N/A	28/08/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090002	N/A	1.0000	N/A	10/10/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090003	N/A	1.0000	N/A	7/06/2032	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090004B	N/A	1.0000	N/A	24/08/2094	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090007	N/A	1.0000	N/A	1/04/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090037	N/A	1.0000	N/A	23/09/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090100	N/A	1.0000	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090101	N/A	1.0000	N/A	22/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090102	N/A	1.0000	N/A	28/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090103	N/A	1.0000	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090104	N/A	1.0000	N/A	24/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090105	N/A	1.0000	N/A	4/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090106	N/A	1.0000	N/A	22/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090107	N/A	1.0000	N/A	6/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090108	N/A	1.0000	N/A	5/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090109	N/A	1.0000	N/A	28/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090110	N/A	1.0000	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090111	N/A	1.0000	N/A	28/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090112	N/A	1.0000	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090113	N/A	1.0000	N/A	28/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090114	N/A	1.0000	N/A	14/12/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090115	N/A	1.0000	N/A	29/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090116	N/A	1.0000	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090117	N/A	1.0000	N/A	12/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090118	N/A	1.0000	N/A	29/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090119	N/A	1.0000	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090120	N/A	1.0000	N/A	21/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090121	N/A	1.0000	N/A	5/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090122	N/A	1.0000	N/A	17/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090123	N/A	1.0000	N/A	15/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090124	N/A	1.0000	N/A	9/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090127	N/A	1.0000	N/A	10/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090128	N/A	1.0000	N/A	8/01/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090129	N/A	1.0000	N/A	9/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090130	N/A	1.0000	N/A	7/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090131	N/A	1.0000	N/A	10/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090132	N/A	1.0000	N/A	25/05/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090133	N/A	1.0000	N/A	5/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090134	N/A	1.0000	N/A	1/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090135	N/A	1.0000	N/A	5/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090136	N/A	1.0000	N/A	1/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090137	N/A	1.0000	N/A	8/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090138	N/A	1.0000	N/A	1/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090139	N/A	1.0000	N/A	26/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090140	N/A	1.0000	N/A	15/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090141	N/A	1.0000	N/A	7/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090142	N/A	1.0000	N/A	7/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090143	N/A	1.0000	N/A	5/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090144	N/A	1.0000	N/A	14/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090145	N/A	1.0000	N/A	21/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090146	N/A	1.0000	N/A	16/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090147	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090148	N/A	1.0000	N/A	22/04/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090149	N/A	1.0000	N/A	26/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090150	N/A	1.0000	N/A	21/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090151	N/A	1.0000	N/A	7/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090200	N/A	1.0000	N/A	28/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090201	N/A	1.0000	N/A	8/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090202	N/A	1.0000	N/A	7/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090203	N/A	1.0000	N/A	9/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090204	N/A	1.0000	N/A	17/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090205	N/A	1.0000	N/A	6/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090206	N/A	1.0000	N/A	10/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090207	N/A	1.0000	N/A	1/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090208	N/A	1.0000	N/A	25/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090209	N/A	1.0000	N/A	12/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090210	N/A	1.0000	N/A	2/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090211	N/A	1.0000	N/A	5/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090212	N/A	1.0000	N/A	11/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090213	N/A	1.0000	N/A	14/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090214	N/A	1.0000	N/A	2/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090215	N/A	1.0000	N/A	7/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090216	N/A	1.0000	N/A	15/06/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090217	N/A	1.0000	N/A	22/06/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090218	N/A	1.0000	N/A	15/06/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090219	N/A	1.0000	N/A	16/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090220	N/A	1.0000	N/A	15/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090221	N/A	1.0000	N/A	17/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090222	N/A	1.0000	N/A	28/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090223	N/A	1.0000	N/A	28/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090224	N/A	1.0000	N/A	28/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090225	N/A	1.0000	N/A	18/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090226	N/A	1.0000	N/A	15/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090227	N/A	1.0000	N/A	10/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090228	N/A	1.0000	N/A	5/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090229	N/A	1.0000	N/A	10/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090230	N/A	1.0000	N/A	31/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090231	N/A	1.0000	N/A	17/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090232	N/A	1.0000	N/A	22/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090233	N/A	1.0000	N/A	21/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090234	N/A	1.0000	N/A	19/01/2082	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310090235	N/A	1.0000	N/A	4/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090236	N/A	1.0000	N/A	14/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090237	N/A	1.0000	N/A	13/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090238	N/A	1.0000	N/A	27/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090239	N/A	1.0000	N/A	14/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090240	N/A	1.0000	N/A	3/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090241	N/A	1.0000	N/A	28/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090242	N/A	1.0000	N/A	28/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090243	N/A	1.0000	N/A	5/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090244	N/A	1.0000	N/A	4/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090245	N/A	1.0000	N/A	22/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090246	N/A	1.0000	N/A	28/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090247	N/A	1.0000	N/A	8/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090248	N/A	1.0000	N/A	11/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090249	N/A	1.0000	N/A	30/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090250	N/A	1.0000	N/A	11/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090251	N/A	1.0000	N/A	2/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090252	N/A	1.0000	N/A	12/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090253	N/A	1.0000	N/A	12/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090254	N/A	1.0000	N/A	15/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090255	N/A	1.0000	N/A	16/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090256	N/A	1.0000	N/A	7/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090257	N/A	1.0000	N/A	1/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090258	N/A	1.0000	N/A	13/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090259	N/A	1.0000	N/A	14/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090260	N/A	1.0000	N/A	6/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090261	N/A	1.0000	N/A	5/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090262	N/A	1.0000	N/A	2/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090263	N/A	1.0000	N/A	14/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090264	N/A	1.0000	N/A	14/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090265	N/A	1.0000	N/A	6/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090266	N/A	1.0000	N/A	20/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090267	N/A	1.0000	N/A	9/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090268	N/A	1.0000	N/A	7/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090269	N/A	1.0000	N/A	18/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090270	N/A	1.0000	N/A	17/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090271	N/A	1.0000	N/A	17/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090272	N/A	1.0000	N/A	5/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090273	N/A	1.0000	N/A	9/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090274	N/A	1.0000	N/A	1/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090275	N/A	1.0000	N/A	15/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090276	N/A	1.0000	N/A	6/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090277	N/A	1.0000	N/A	29/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090278	N/A	1.0000	N/A	11/04/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090279	N/A	1.0000	N/A	20/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090280	N/A	1.0000	N/A	27/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090281	N/A	1.0000	N/A	27/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090282	N/A	1.0000	N/A	8/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090283	N/A	1.0000	N/A	8/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090284	N/A	1.0000	N/A	26/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090285	N/A	1.0000	N/A	26/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090286	N/A	1.0000	N/A	26/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090287	N/A	1.0000	N/A	10/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090288	N/A	1.0000	N/A	13/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090289	N/A	1.0000	N/A	2/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090290	N/A	1.0000	N/A	26/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090291	N/A	1.0000	N/A	10/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090292	N/A	1.0000	N/A	5/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090293	N/A	1.0000	N/A	25/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090294	N/A	1.0000	N/A	6/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090295	N/A	1.0000	N/A	4/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090296	N/A	1.0000	N/A	26/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090297	N/A	1.0000	N/A	8/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090298	N/A	1.0000	N/A	27/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090299	N/A	1.0000	N/A	6/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090300	N/A	1.0000	N/A	6/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090301	N/A	1.0000	N/A	6/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090302	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090303	N/A	1.0000	N/A	23/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090304	N/A	1.0000	N/A	28/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090305	N/A	1.0000	N/A	26/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090306	N/A	1.0000	N/A	5/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090307	N/A	1.0000	N/A	26/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090308	N/A	1.0000	N/A	13/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090309	N/A	1.0000	N/A	24/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090310	N/A	1.0000	N/A	29/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090311	N/A	1.0000	N/A	29/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090312	N/A	1.0000	N/A	7/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090313	N/A	1.0000	N/A	14/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090314	N/A	1.0000	N/A	30/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090315	N/A	1.0000	N/A	4/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090316	N/A	1.0000	N/A	9/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090317	N/A	1.0000	N/A	3/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090318	N/A	1.0000	N/A	10/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090319	N/A	1.0000	N/A	27/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090320	N/A	1.0000	N/A	28/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090321	N/A	1.0000	N/A	29/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090322	N/A	1.0000	N/A	31/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090323	N/A	1.0000	N/A	19/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090324	N/A	1.0000	N/A	3/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090325	N/A	1.0000	N/A	3/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090326	N/A	1.0000	N/A	13/02/2085	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310090327	N/A	1.0000	N/A	18/02/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090328	N/A	1.0000	N/A	21/07/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090329	N/A	1.0000	N/A	25/01/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090330	N/A	1.0000	N/A	10/02/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090331	N/A	1.0000	N/A	7/05/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090332	N/A	1.0000	N/A	23/03/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090333	N/A	1.0000	N/A	27/02/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090334	N/A	1.0000	N/A	10/02/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090335	N/A	1.0000	N/A	7/05/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090336	N/A	1.0000	N/A	11/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090337	N/A	1.0000	N/A	11/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090338	N/A	1.0000	N/A	10/04/2091	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090339	N/A	1.0000	N/A	23/03/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090340	N/A	1.0000	N/A	7/02/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090341	N/A	1.0000	N/A	11/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090342	N/A	1.0000	N/A	11/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090343	N/A	1.0000	N/A	22/02/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090344	N/A	1.0000	N/A	11/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090345	N/A	1.0000	N/A	3/12/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090346	N/A	1.0000	N/A	20/03/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090347	N/A	1.0000	N/A	7/05/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090348	N/A	1.0000	N/A	5/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090349	N/A	1.0000	N/A	25/01/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090350	N/A	1.0000	N/A	25/01/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090351	N/A	1.0000	N/A	4/06/2091	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090352	N/A	1.0000	N/A	3/06/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090353	N/A	1.0000	N/A	4/06/2091	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090354	N/A	1.0000	N/A	4/06/2091	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090355	N/A	1.0000	N/A	12/01/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090356	N/A	1.0000	N/A	5/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090357	N/A	1.0000	N/A	23/09/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090358	N/A	1.0000	N/A	17/03/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090359	N/A	1.0000	N/A	17/12/2091	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090360	N/A	1.0000	N/A	18/04/2096	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090362	N/A	1.0000	N/A	18/01/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090363	N/A	1.0000	N/A	15/03/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090364	N/A	1.0000	N/A	17/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090365	N/A	1.0000	N/A	8/04/2099	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090366	N/A	1.0000	N/A	30/12/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090367	N/A	1.0000	N/A	3/12/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090368	N/A	1.0000	N/A	30/01/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090369	N/A	1.0000	N/A	7/12/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090370	N/A	1.0000	N/A	22/12/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090372	N/A	1.0000	N/A	11/12/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090373	N/A	1.0000	N/A	7/12/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090374	N/A	1.0000	N/A	19/05/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090375	N/A	1.0000	N/A	7/08/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090376	N/A	1.0000	N/A	20/07/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090377	N/A	1.0000	N/A	7/11/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110100	N/A	1.0000	N/A	2/10/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110101	N/A	1.0000	N/A	9/02/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110102	N/A	1.0000	N/A	9/02/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110103	N/A	1.0000	N/A	7/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110104	N/A	1.0000	N/A	4/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110105	N/A	1.0000	N/A	2/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110106	N/A	1.0000	N/A	2/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110107	N/A	1.0000	N/A	7/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110108	N/A	1.0000	N/A	4/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110109	N/A	1.0000	N/A	4/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110110	N/A	1.0000	N/A	4/11/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110111	N/A	1.0000	N/A	22/12/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110113	N/A	1.0000	N/A	2/06/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310110114	N/A	1.0000	N/A	2/06/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130001	N/A	1.0000	N/A	6/05/2030	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130002	N/A	1.0000	N/A	13/10/2031	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130003	N/A	1.0000	N/A	14/10/2031	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130004	N/A	1.0000	N/A	1/10/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130005	N/A	1.0000	N/A	6/10/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130006	N/A	1.0000	N/A	20/12/2038	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130007	N/A	1.0000	N/A	7/08/2029	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130008	N/A	1.0000	N/A	25/02/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130009	N/A	1.0000	N/A	25/02/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130011	N/A	1.0000	N/A	23/02/2043	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130012	N/A	1.0000	N/A	14/08/2041	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130013	N/A	1.0000	N/A	5/08/2044	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130014	N/A	1.0000	N/A	31/07/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130015	N/A	1.0000	N/A	31/07/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130016B	N/A	1.0000	N/A	19/12/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130100	N/A	1.0000	N/A	14/05/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130101	N/A	1.0000	N/A	14/05/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130102	N/A	1.0000	N/A	20/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130103	N/A	1.0000	N/A	26/09/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130104	N/A	1.0000	N/A	10/06/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130105	N/A	1.0000	N/A	30/07/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130106	N/A	1.0000	N/A	10/02/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130107	N/A	1.0000	N/A	10/02/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130108	N/A	1.0000	N/A	22/08/2078	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130109	N/A	1.0000	N/A	10/08/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130110	N/A	1.0000	N/A	16/07/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130111	N/A	1.0000	N/A	26/06/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130112	N/A	1.0000	N/A	17/03/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130113	N/A	1.0000	N/A	27/02/2081	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130114	N/A	1.0000	N/A	9/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130115	N/A	1.0000	N/A	9/05/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130116	N/A	1.0000	N/A	21/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130117	N/A	1.0000	N/A	21/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130118	N/A	1.0000	N/A	27/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130119	N/A	1.0000	N/A	14/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130120	N/A	1.0000	N/A	13/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130121	N/A	1.0000	N/A	20/03/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130122	N/A	1.0000	N/A	13/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130123	N/A	1.0000	N/A	14/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130124	N/A	1.0000	N/A	25/09/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130125	N/A	1.0000	N/A	5/05/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130126	N/A	1.0000	N/A	10/01/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130127	N/A	1.0000	N/A	24/08/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130128	N/A	1.0000	N/A	22/06/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130129	N/A	1.0000	N/A	5/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130130	N/A	1.0000	N/A	3/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130131	N/A	1.0000	N/A	23/11/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130132	N/A	1.0000	N/A	25/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130133	N/A	1.0000	N/A	16/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130134	N/A	1.0000	N/A	3/05/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130135	N/A	1.0000	N/A	17/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130136	N/A	1.0000	N/A	30/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130137	N/A	1.0000	N/A	31/01/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130138	N/A	1.0000	N/A	16/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130139	N/A	1.0000	N/A	1/08/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130140	N/A	1.0000	N/A	23/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130141	N/A	1.0000	N/A	30/12/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130142	N/A	1.0000	N/A	4/09/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130143	N/A	1.0000	N/A	9/12/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130144	N/A	1.0000	N/A	11/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130145	N/A	1.0000	N/A	19/04/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130146	N/A	1.0000	N/A	23/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130147	N/A	1.0000	N/A	24/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130148	N/A	1.0000	N/A	13/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130149	N/A	1.0000	N/A	18/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130150	N/A	1.0000	N/A	22/09/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130151	N/A	1.0000	N/A	5/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130152	N/A	1.0000	N/A	6/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130153	N/A	1.0000	N/A	5/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130154	N/A	1.0000	N/A	28/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130155	N/A	1.0000	N/A	28/03/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130156	N/A	1.0000	N/A	8/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130157	N/A	1.0000	N/A	13/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130158	N/A	1.0000	N/A	17/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130159	N/A	1.0000	N/A	4/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130160	N/A	1.0000	N/A	6/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130161	N/A	1.0000	N/A	3/08/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130162	N/A	1.0000	N/A	5/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130163	N/A	1.0000	N/A	11/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130164	N/A	1.0000	N/A	11/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130165	N/A	1.0000	N/A	27/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130166	N/A	1.0000	N/A	15/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130167	N/A	1.0000	N/A	23/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130168	N/A	1.0000	N/A	4/04/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130169	N/A	1.0000	N/A	2/02/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130170	N/A	1.0000	N/A	12/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130171	N/A	1.0000	N/A	3/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130172	N/A	1.0000	N/A	12/08/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130173	N/A	1.0000	N/A	24/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130174	N/A	1.0000	N/A	16/02/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130175	N/A	1.0000	N/A	27/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130176	N/A	1.0000	N/A	22/07/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130177	N/A	1.0000	N/A	13/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130178	N/A	1.0000	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130179	N/A	1.0000	N/A	21/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130180	N/A	1.0000	N/A	28/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130181	N/A	1.0000	N/A	23/11/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130182	N/A	1.0000	N/A	24/10/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130183	N/A	1.0000	N/A	18/08/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130184	N/A	1.0000	N/A	23/06/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130185	N/A	1.0000	N/A	3/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130186	N/A	1.0000	N/A	27/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130187	N/A	1.0000	N/A	21/06/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130188	N/A	1.0000	N/A	26/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130189	N/A	1.0000	N/A	3/06/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130190	N/A	1.0000	N/A	4/05/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130191	N/A	1.0000	N/A	10/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130192	N/A	1.0000	N/A	16/06/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130193	N/A	1.0000	N/A	18/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130194	N/A	1.0000	N/A	18/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130195	N/A	1.0000	N/A	5/06/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130196	N/A	1.0000	N/A	3/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130197	N/A	1.0000	N/A	16/06/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130198	N/A	1.0000	N/A	17/06/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130199	N/A	1.0000	N/A	23/05/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130200	N/A	1.0000	N/A	8/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130201	N/A	1.0000	N/A	26/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130202	N/A	1.0000	N/A	18/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130203	N/A	1.0000	N/A	8/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130204	N/A	1.0000	N/A	26/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130205	N/A	1.0000	N/A	4/02/2083	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130206	N/A	1.0000	N/A	13/12/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130207	N/A	1.0000	N/A	3/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130208	N/A	1.0000	N/A	3/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130209	N/A	1.0000	N/A	2/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130210	N/A	1.0000	N/A	2/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130211	N/A	1.0000	N/A	28/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130212	N/A	1.0000	N/A	3/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130213	N/A	1.0000	N/A	30/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130214	N/A	1.0000	N/A	9/05/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130215	N/A	1.0000	N/A	29/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130216	N/A	1.0000	N/A	29/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130217	N/A	1.0000	N/A	19/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130218	N/A	1.0000	N/A	16/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130219	N/A	1.0000	N/A	16/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130220	N/A	1.0000	N/A	12/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130221	N/A	1.0000	N/A	12/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130222	N/A	1.0000	N/A	5/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130223	N/A	1.0000	N/A	10/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130224	N/A	1.0000	N/A	4/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130225	N/A	1.0000	N/A	3/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130226	N/A	1.0000	N/A	30/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130227	N/A	1.0000	N/A	27/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130228	N/A	1.0000	N/A	31/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130229	N/A	1.0000	N/A	28/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130230	N/A	1.0000	N/A	3/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130231	N/A	1.0000	N/A	1/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130232	N/A	1.0000	N/A	10/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130233	N/A	1.0000	N/A	27/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130234	N/A	1.0000	N/A	14/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130235	N/A	1.0000	N/A	5/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130236	N/A	1.0000	N/A	3/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130237	N/A	1.0000	N/A	14/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130238	N/A	1.0000	N/A	23/05/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130239	N/A	1.0000	N/A	12/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130240	N/A	1.0000	N/A	3/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130241	N/A	1.0000	N/A	19/07/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130242	N/A	1.0000	N/A	1/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130243	N/A	1.0000	N/A	28/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130244	N/A	1.0000	N/A	18/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130245	N/A	1.0000	N/A	22/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130246	N/A	1.0000	N/A	10/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130247	N/A	1.0000	N/A	20/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130248	N/A	1.0000	N/A	22/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130249	N/A	1.0000	N/A	22/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130250	N/A	1.0000	N/A	24/05/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130251	N/A	1.0000	N/A	9/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130252	N/A	1.0000	N/A	7/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130253	N/A	1.0000	N/A	7/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130254	N/A	1.0000	N/A	9/05/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130255	N/A	1.0000	N/A	7/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130256	N/A	1.0000	N/A	11/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130257	N/A	1.0000	N/A	17/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130258	N/A	1.0000	N/A	1/05/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130259	N/A	1.0000	N/A	1/05/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130260	N/A	1.0000	N/A	12/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130261	N/A	1.0000	N/A	20/03/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130262	N/A	1.0000	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130263	N/A	1.0000	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130264	N/A	1.0000	N/A	12/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130265	N/A	1.0000	N/A	29/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130266	N/A	1.0000	N/A	20/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130267	N/A	1.0000	N/A	26/07/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130268	N/A	1.0000	N/A	20/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130269	N/A	1.0000	N/A	30/06/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130270	N/A	1.0000	N/A	18/11/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130271	N/A	1.0000	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130272	N/A	1.0000	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130273	N/A	1.0000	N/A	18/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130274	N/A	1.0000	N/A	29/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130275	N/A	1.0000	N/A	21/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130276	N/A	1.0000	N/A	25/03/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130277	N/A	1.0000	N/A	6/02/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130278	N/A	1.0000	N/A	30/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130279	N/A	1.0000	N/A	13/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130280	N/A	1.0000	N/A	27/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130281	N/A	1.0000	N/A	18/04/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130282	N/A	1.0000	N/A	14/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130283	N/A	1.0000	N/A	12/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130284	N/A	1.0000	N/A	12/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130285	N/A	1.0000	N/A	12/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130286	N/A	1.0000	N/A	12/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130287	N/A	1.0000	N/A	4/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130288	N/A	1.0000	N/A	26/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130289	N/A	1.0000	N/A	21/11/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130290	N/A	1.0000	N/A	23/07/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130291	N/A	1.0000	N/A	14/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130292	N/A	1.0000	N/A	14/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130293	N/A	1.0000	N/A	24/04/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130294	N/A	1.0000	N/A	5/06/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130295	N/A	1.0000	N/A	19/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130296	N/A	1.0000	N/A	13/03/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130297	N/A	1.0000	N/A	29/06/2083	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130298	N/A	1.0000	N/A	30/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130299	N/A	1.0000	N/A	11/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130300	N/A	1.0000	N/A	27/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130301	N/A	1.0000	N/A	29/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130303	N/A	1.0000	N/A	6/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130304	N/A	1.0000	N/A	20/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130305	N/A	1.0000	N/A	8/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130306	N/A	1.0000	N/A	8/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130307	N/A	1.0000	N/A	8/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130308	N/A	1.0000	N/A	29/01/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130309	N/A	1.0000	N/A	29/01/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130310	N/A	1.0000	N/A	14/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130311	N/A	1.0000	N/A	8/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130312	N/A	1.0000	N/A	12/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130313	N/A	1.0000	N/A	6/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130314	N/A	1.0000	N/A	16/11/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130315	N/A	1.0000	N/A	25/11/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130316	N/A	1.0000	N/A	15/10/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130317	N/A	1.0000	N/A	12/02/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130318	N/A	1.0000	N/A	27/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130319	N/A	1.0000	N/A	1/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130320	N/A	1.0000	N/A	1/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130321	N/A	1.0000	N/A	18/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130322	N/A	1.0000	N/A	19/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130323	N/A	1.0000	N/A	21/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130324	N/A	1.0000	N/A	9/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130325	N/A	1.0000	N/A	5/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130326	N/A	1.0000	N/A	9/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130327	N/A	1.0000	N/A	6/07/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130328	N/A	1.0000	N/A	30/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130329	N/A	1.0000	N/A	17/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130330	N/A	1.0000	N/A	8/11/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130331	N/A	1.0000	N/A	10/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130332	N/A	1.0000	N/A	5/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130333	N/A	1.0000	N/A	4/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130334	N/A	1.0000	N/A	19/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130335	N/A	1.0000	N/A	15/08/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130336	N/A	1.0000	N/A	24/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130337	N/A	1.0000	N/A	18/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130338	N/A	1.0000	N/A	30/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130339	N/A	1.0000	N/A	26/08/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130340	N/A	1.0000	N/A	12/05/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130341	N/A	1.0000	N/A	11/02/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130342	N/A	1.0000	N/A	4/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130343	N/A	1.0000	N/A	25/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130344	N/A	1.0000	N/A	20/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130345	N/A	1.0000	N/A	3/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130346	N/A	1.0000	N/A	6/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130347	N/A	1.0000	N/A	15/08/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130348	N/A	1.0000	N/A	18/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130349	N/A	1.0000	N/A	22/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130350	N/A	1.0000	N/A	16/05/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130351	N/A	1.0000	N/A	10/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130352	N/A	1.0000	N/A	16/08/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130353	N/A	1.0000	N/A	11/11/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130354	N/A	1.0000	N/A	17/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130355	N/A	1.0000	N/A	3/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130356	N/A	1.0000	N/A	17/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130357	N/A	1.0000	N/A	18/06/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130358	N/A	1.0000	N/A	24/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130359	N/A	1.0000	N/A	1/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130360	N/A	1.0000	N/A	26/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130361	N/A	1.0000	N/A	6/12/2078	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130362	N/A	1.0000	N/A	14/08/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130363	N/A	1.0000	N/A	8/01/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130364	N/A	1.0000	N/A	27/01/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130365	N/A	1.0000	N/A	16/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130366	N/A	1.0000	N/A	25/09/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130367	N/A	1.0000	N/A	10/05/2078	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130368	N/A	1.0000	N/A	6/12/2078	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130369	N/A	1.0000	N/A	17/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130370	N/A	1.0000	N/A	17/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130371	N/A	1.0000	N/A	1/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130400	N/A	1.0000	N/A	3/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130401	N/A	1.0000	N/A	15/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130402	N/A	1.0000	N/A	15/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130403	N/A	1.0000	N/A	27/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130404	N/A	1.0000	N/A	2/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130405	N/A	1.0000	N/A	9/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130406	N/A	1.0000	N/A	3/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130407	N/A	1.0000	N/A	3/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130408	N/A	1.0000	N/A	10/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130409	N/A	1.0000	N/A	9/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130410	N/A	1.0000	N/A	9/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130411	N/A	1.0000	N/A	8/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130412	N/A	1.0000	N/A	7/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130413	N/A	1.0000	N/A	4/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130414	N/A	1.0000	N/A	27/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130415	N/A	1.0000	N/A	27/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130416	N/A	1.0000	N/A	2/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130417	N/A	1.0000	N/A	2/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130418	N/A	1.0000	N/A	31/08/2081	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130419	N/A	1.0000	N/A	7/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130420	N/A	1.0000	N/A	29/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130421	N/A	1.0000	N/A	7/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130422	N/A	1.0000	N/A	7/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130423	N/A	1.0000	N/A	15/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130424	N/A	1.0000	N/A	20/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130425	N/A	1.0000	N/A	7/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130426	N/A	1.0000	N/A	30/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130427	N/A	1.0000	N/A	19/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130428	N/A	1.0000	N/A	28/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130429	N/A	1.0000	N/A	19/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130430	N/A	1.0000	N/A	13/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130431	N/A	1.0000	N/A	19/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130432	N/A	1.0000	N/A	26/01/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130433	N/A	1.0000	N/A	20/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130434	N/A	1.0000	N/A	15/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130435	N/A	1.0000	N/A	23/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130436	N/A	1.0000	N/A	11/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130437	N/A	1.0000	N/A	17/01/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130438	N/A	1.0000	N/A	11/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130439	N/A	1.0000	N/A	2/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130440	N/A	1.0000	N/A	23/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130441	N/A	1.0000	N/A	23/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130442	N/A	1.0000	N/A	3/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130443	N/A	1.0000	N/A	11/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130444	N/A	1.0000	N/A	28/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130445	N/A	1.0000	N/A	30/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130446	N/A	1.0000	N/A	11/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130447	N/A	1.0000	N/A	30/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130448	N/A	1.0000	N/A	1/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130449	N/A	1.0000	N/A	30/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130450	N/A	1.0000	N/A	27/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130451	N/A	1.0000	N/A	27/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130452	N/A	1.0000	N/A	25/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130453	N/A	1.0000	N/A	21/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130454	N/A	1.0000	N/A	27/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130455	N/A	1.0000	N/A	21/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130456	N/A	1.0000	N/A	30/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130457	N/A	1.0000	N/A	16/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130458	N/A	1.0000	N/A	3/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130459	N/A	1.0000	N/A	11/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130460	N/A	1.0000	N/A	16/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130461	N/A	1.0000	N/A	6/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130462	N/A	1.0000	N/A	9/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130463	N/A	1.0000	N/A	13/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130464	N/A	1.0000	N/A	26/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130465	N/A	1.0000	N/A	31/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130466	N/A	1.0000	N/A	1/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130467	N/A	1.0000	N/A	29/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130468	N/A	1.0000	N/A	3/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130469	N/A	1.0000	N/A	3/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130470	N/A	1.0000	N/A	27/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130471	N/A	1.0000	N/A	14/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130472	N/A	1.0000	N/A	29/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130473	N/A	1.0000	N/A	15/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130474	N/A	1.0000	N/A	22/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130475	N/A	1.0000	N/A	4/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130476	N/A	1.0000	N/A	11/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130477	N/A	1.0000	N/A	14/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130478	N/A	1.0000	N/A	11/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130479	N/A	1.0000	N/A	5/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130480	N/A	1.0000	N/A	17/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130481	N/A	1.0000	N/A	27/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130482	N/A	1.0000	N/A	22/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130483	N/A	1.0000	N/A	30/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130484	N/A	1.0000	N/A	12/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130485	N/A	1.0000	N/A	11/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130486	N/A	1.0000	N/A	20/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130487	N/A	1.0000	N/A	8/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130488	N/A	1.0000	N/A	7/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130489	N/A	1.0000	N/A	11/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130490	N/A	1.0000	N/A	18/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130491	N/A	1.0000	N/A	11/03/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130492	N/A	1.0000	N/A	30/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130493	N/A	1.0000	N/A	29/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130494	N/A	1.0000	N/A	8/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130495	N/A	1.0000	N/A	28/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130496	N/A	1.0000	N/A	7/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130497	N/A	1.0000	N/A	8/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130498	N/A	1.0000	N/A	8/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130499	N/A	1.0000	N/A	8/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130500	N/A	1.0000	N/A	27/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130501	N/A	1.0000	N/A	24/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130502	N/A	1.0000	N/A	18/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130503	N/A	1.0000	N/A	11/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130504	N/A	1.0000	N/A	10/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130505	N/A	1.0000	N/A	4/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130506	N/A	1.0000	N/A	24/09/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130507	N/A	1.0000	N/A	4/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130508	N/A	1.0000	N/A	15/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130509	N/A	1.0000	N/A	18/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130510	N/A	1.0000	N/A	15/02/2095	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130512	N/A	1.0000	N/A	7/07/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130513	N/A	1.0000	N/A	7/07/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130514	N/A	1.0000	N/A	23/06/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130515	N/A	1.0000	N/A	23/06/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130516	N/A	1.0000	N/A	11/09/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130517	N/A	1.0000	N/A	7/04/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130518	N/A	1.0000	N/A	14/04/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130519	N/A	1.0000	N/A	15/04/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130520	N/A	1.0000	N/A	15/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130521	N/A	1.0000	N/A	15/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130522	N/A	1.0000	N/A	29/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130523	N/A	1.0000	N/A	5/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130524	N/A	1.0000	N/A	30/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130525	N/A	1.0000	N/A	15/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130526	N/A	1.0000	N/A	1/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130527	N/A	1.0000	N/A	20/09/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130529	N/A	1.0000	N/A	14/06/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130530	N/A	1.0000	N/A	14/06/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130531	N/A	1.0000	N/A	7/06/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130532	N/A	1.0000	N/A	26/07/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130533	N/A	1.0000	N/A	26/07/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130534	N/A	1.0000	N/A	15/08/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130535	N/A	1.0000	N/A	30/08/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130536	N/A	1.0000	N/A	23/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130537	N/A	1.0000	N/A	17/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130538	N/A	1.0000	N/A	26/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130539	N/A	1.0000	N/A	23/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130540	N/A	1.0000	N/A	30/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130541	N/A	1.0000	N/A	30/04/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130542	N/A	1.0000	N/A	9/07/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130543	N/A	1.0000	N/A	25/02/2087	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130544	N/A	1.0000	N/A	17/01/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130545	N/A	1.0000	N/A	13/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130547	N/A	1.0000	N/A	15/11/2094	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130548	N/A	1.0000	N/A	3/03/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130549	N/A	1.0000	N/A	24/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130550	N/A	1.0000	N/A	18/09/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130551	N/A	1.0000	N/A	19/11/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130552	N/A	1.0000	N/A	31/07/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130553	N/A	1.0000	N/A	19/10/2097	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130554	N/A	1.0000	N/A	30/07/2097	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130555	N/A	1.0000	N/A	8/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130556	N/A	1.0000	N/A	27/10/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130558	N/A	1.0000	N/A	1/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130559	N/A	1.0000	N/A	4/05/2078	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130560	N/A	1.0000	N/A	3/05/2078	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130561	N/A	1.0000	N/A	14/08/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130566	N/A	1.0000	N/A	12/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130567	N/A	1.0000	N/A	6/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130568	N/A	1.0000	N/A	26/01/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130569	N/A	1.0000	N/A	4/03/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130570	N/A	1.0000	N/A	23/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130571	N/A	1.0000	N/A	11/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130572	N/A	1.0000	N/A	17/01/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130573	N/A	1.0000	N/A	17/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130574	N/A	1.0000	N/A	12/03/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130575	N/A	1.0000	N/A	20/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130576	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130577	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130578	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130579	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130580	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130581	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130582	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130583	N/A	1.0000	N/A	6/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130584	N/A	1.0000	N/A	8/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130585	N/A	1.0000	N/A	14/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130586	N/A	1.0000	N/A	9/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130587	N/A	1.0000	N/A	5/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130588	N/A	1.0000	N/A	27/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130589	N/A	1.0000	N/A	13/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130590	N/A	1.0000	N/A	13/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130591	N/A	1.0000	N/A	13/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130592	N/A	1.0000	N/A	7/01/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130593	N/A	1.0000	N/A	16/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130594	N/A	1.0000	N/A	16/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130595	N/A	1.0000	N/A	13/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130596	N/A	1.0000	N/A	4/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130597	N/A	1.0000	N/A	28/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130598	N/A	1.0000	N/A	14/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130600	N/A	1.0000	N/A	31/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130601	N/A	1.0000	N/A	9/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130602	N/A	1.0000	N/A	9/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130603	N/A	1.0000	N/A	4/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130604	N/A	1.0000	N/A	17/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130605	N/A	1.0000	N/A	23/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130606	N/A	1.0000	N/A	17/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130607	N/A	1.0000	N/A	8/09/2076	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130608	N/A	1.0000	N/A	7/09/2076	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130609	N/A	1.0000	N/A	9/09/2076	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130610	N/A	1.0000	N/A	10/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130611	N/A	1.0000	N/A	11/06/2083	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130612	N/A	1.0000	N/A	27/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130613	N/A	1.0000	N/A	5/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130614	N/A	1.0000	N/A	1/12/2075	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130615	N/A	1.0000	N/A	5/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130616	N/A	1.0000	N/A	24/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130617	N/A	1.0000	N/A	4/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130618	N/A	1.0000	N/A	18/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130619	N/A	1.0000	N/A	28/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130620	N/A	1.0000	N/A	9/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130621	N/A	1.0000	N/A	7/12/2078	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130622	N/A	1.0000	N/A	18/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130623	N/A	1.0000	N/A	28/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130624	N/A	1.0000	N/A	28/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130625	N/A	1.0000	N/A	30/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130626	N/A	1.0000	N/A	11/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130628	N/A	1.0000	N/A	27/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130629	N/A	1.0000	N/A	5/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130630	N/A	1.0000	N/A	10/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130631	N/A	1.0000	N/A	2/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130632	N/A	1.0000	N/A	26/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130633	N/A	1.0000	N/A	1/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130634	N/A	1.0000	N/A	16/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130635	N/A	1.0000	N/A	16/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130636	N/A	1.0000	N/A	20/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130637	N/A	1.0000	N/A	30/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130638	N/A	1.0000	N/A	29/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130639	N/A	1.0000	N/A	13/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130640	N/A	1.0000	N/A	2/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130641	N/A	1.0000	N/A	16/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130642	N/A	1.0000	N/A	14/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130643	N/A	1.0000	N/A	20/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130644	N/A	1.0000	N/A	11/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130645	N/A	1.0000	N/A	7/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130646	N/A	1.0000	N/A	28/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130647	N/A	1.0000	N/A	2/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130648	N/A	1.0000	N/A	10/02/2076	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130650	N/A	1.0000	N/A	7/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130651	N/A	1.0000	N/A	5/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130652	N/A	1.0000	N/A	23/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130653	N/A	1.0000	N/A	9/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130654	N/A	1.0000	N/A	26/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130655	N/A	1.0000	N/A	26/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130656	N/A	1.0000	N/A	25/01/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130657	N/A	1.0000	N/A	3/04/2097	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130658	N/A	1.0000	N/A	20/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130659	N/A	1.0000	N/A	19/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130660	N/A	1.0000	N/A	29/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130661	N/A	1.0000	N/A	7/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130662	N/A	1.0000	N/A	22/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130664	N/A	1.0000	N/A	17/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130665	N/A	1.0000	N/A	14/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130666	N/A	1.0000	N/A	16/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130667	N/A	1.0000	N/A	6/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130668	N/A	1.0000	N/A	13/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130669	N/A	1.0000	N/A	19/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130670	N/A	1.0000	N/A	6/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130671	N/A	1.0000	N/A	2/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130672	N/A	1.0000	N/A	11/12/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130673	N/A	1.0000	N/A	6/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130674	N/A	1.0000	N/A	16/07/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130675	N/A	1.0000	N/A	27/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130676	N/A	1.0000	N/A	15/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130677	N/A	1.0000	N/A	15/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130678	N/A	1.0000	N/A	31/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130679	N/A	1.0000	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130680	N/A	1.0000	N/A	29/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130681	N/A	1.0000	N/A	25/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130682	N/A	1.0000	N/A	25/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130683	N/A	1.0000	N/A	18/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130684	N/A	1.0000	N/A	13/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130685	N/A	1.0000	N/A	3/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130686	N/A	1.0000	N/A	25/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130687	N/A	1.0000	N/A	4/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130688	N/A	1.0000	N/A	18/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130689	N/A	1.0000	N/A	24/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130690	N/A	1.0000	N/A	6/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130691	N/A	1.0000	N/A	27/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130692	N/A	1.0000	N/A	28/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130693	N/A	1.0000	N/A	21/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130694	N/A	1.0000	N/A	15/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130695	N/A	1.0000	N/A	27/08/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130696	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130697	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130698	N/A	1.0000	N/A	16/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130699	N/A	1.0000	N/A	2/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130700	N/A	1.0000	N/A	26/03/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130701	N/A	1.0000	N/A	27/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130702	N/A	1.0000	N/A	6/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130703	N/A	1.0000	N/A	14/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130704	N/A	1.0000	N/A	11/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130705	N/A	1.0000	N/A	29/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130706	N/A	1.0000	N/A	14/11/2079	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130707	N/A	1.0000	N/A	13/11/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130708	N/A	1.0000	N/A	4/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130709	N/A	1.0000	N/A	17/04/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130710	N/A	1.0000	N/A	24/04/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130711	N/A	1.0000	N/A	22/04/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130712	N/A	1.0000	N/A	2/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130713	N/A	1.0000	N/A	10/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130714	N/A	1.0000	N/A	8/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130715	N/A	1.0000	N/A	18/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130717	N/A	1.0000	N/A	30/03/2097	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130718	N/A	1.0000	N/A	7/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130719	N/A	1.0000	N/A	12/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130720	N/A	1.0000	N/A	19/01/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130721	N/A	1.0000	N/A	7/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130722	N/A	1.0000	N/A	7/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130723	N/A	1.0000	N/A	12/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130727	N/A	1.0000	N/A	24/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130728	N/A	1.0000	N/A	7/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130729	N/A	1.0000	N/A	6/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130730	N/A	1.0000	N/A	11/05/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130732	N/A	1.0000	N/A	16/11/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130733	N/A	1.0000	N/A	27/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130734	N/A	1.0000	N/A	3/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130735	N/A	1.0000	N/A	3/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130736	N/A	1.0000	N/A	22/04/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130737	N/A	1.0000	N/A	9/02/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130738	N/A	1.0000	N/A	22/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130739	N/A	1.0000	N/A	18/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130740	N/A	1.0000	N/A	25/10/2094	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130741	N/A	1.0000	N/A	29/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130742	N/A	1.0000	N/A	29/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130743	N/A	1.0000	N/A	29/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130744	N/A	1.0000	N/A	23/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130745	N/A	1.0000	N/A	19/07/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130746	N/A	1.0000	N/A	6/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130748	N/A	1.0000	N/A	24/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130749	N/A	1.0000	N/A	5/02/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130750	N/A	1.0000	N/A	8/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130751	N/A	1.0000	N/A	19/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130752	N/A	1.0000	N/A	30/11/2075	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130753	N/A	1.0000	N/A	20/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130754	N/A	1.0000	N/A	27/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130755	N/A	1.0000	N/A	27/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130756	N/A	1.0000	N/A	21/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130757	N/A	1.0000	N/A	5/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130758	N/A	1.0000	N/A	10/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130759	N/A	1.0000	N/A	14/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130760	N/A	1.0000	N/A	10/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130761	N/A	1.0000	N/A	10/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130762	N/A	1.0000	N/A	3/05/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130763	N/A	1.0000	N/A	1/12/2075	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130764	N/A	1.0000	N/A	24/03/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130765	N/A	1.0000	N/A	22/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130766	N/A	1.0000	N/A	13/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130767	N/A	1.0000	N/A	12/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130768	N/A	1.0000	N/A	11/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130769	N/A	1.0000	N/A	17/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130771	N/A	1.0000	N/A	23/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130772	N/A	1.0000	N/A	15/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130773	N/A	1.0000	N/A	19/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130774	N/A	1.0000	N/A	9/07/2073	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130775	N/A	1.0000	N/A	6/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130777	N/A	1.0000	N/A	25/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130778	N/A	1.0000	N/A	25/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130779	N/A	1.0000	N/A	11/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130780	N/A	1.0000	N/A	29/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130781	N/A	1.0000	N/A	23/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130782	N/A	1.0000	N/A	4/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130783	N/A	1.0000	N/A	10/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130784	N/A	1.0000	N/A	7/04/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130785	N/A	1.0000	N/A	6/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130787	N/A	1.0000	N/A	2/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130789	N/A	1.0000	N/A	21/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130790	N/A	1.0000	N/A	1/05/2073	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130791	N/A	1.0000	N/A	15/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130792	N/A	1.0000	N/A	18/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130793	N/A	1.0000	N/A	6/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130794	N/A	1.0000	N/A	18/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130795	N/A	1.0000	N/A	19/12/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130796	N/A	1.0000	N/A	22/03/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130797	N/A	1.0000	N/A	3/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130798	N/A	1.0000	N/A	18/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130800	N/A	1.0000	N/A	6/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130801	N/A	1.0000	N/A	7/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130802	N/A	1.0000	N/A	10/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130803	N/A	1.0000	N/A	10/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130804	N/A	1.0000	N/A	20/06/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130805	N/A	1.0000	N/A	23/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130806	N/A	1.0000	N/A	14/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130807	N/A	1.0000	N/A	6/05/2085	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130808	N/A	1.0000	N/A	24/09/2075	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130809	N/A	1.0000	N/A	9/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130810	N/A	1.0000	N/A	11/04/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130811	N/A	1.0000	N/A	15/05/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130812	N/A	1.0000	N/A	23/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130813	N/A	1.0000	N/A	15/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130814	N/A	1.0000	N/A	24/03/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130815	N/A	1.0000	N/A	17/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130816	N/A	1.0000	N/A	16/04/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130817	N/A	1.0000	N/A	23/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130818	N/A	1.0000	N/A	7/09/2076	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130819	N/A	1.0000	N/A	9/09/2076	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130820	N/A	1.0000	N/A	4/02/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130821	N/A	1.0000	N/A	24/11/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130822	N/A	1.0000	N/A	20/12/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130823	N/A	1.0000	N/A	28/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130824	N/A	1.0000	N/A	17/09/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130825	N/A	1.0000	N/A	27/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130826	N/A	1.0000	N/A	26/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130827	N/A	1.0000	N/A	27/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130828	N/A	1.0000	N/A	26/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130829	N/A	1.0000	N/A	26/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130830	N/A	1.0000	N/A	27/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130831	N/A	1.0000	N/A	28/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130832	N/A	1.0000	N/A	22/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130833	N/A	1.0000	N/A	24/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130834	N/A	1.0000	N/A	22/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130835	N/A	1.0000	N/A	26/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130836	N/A	1.0000	N/A	5/09/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130837	N/A	1.0000	N/A	31/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130838	N/A	1.0000	N/A	30/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130839	N/A	1.0000	N/A	31/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130840	N/A	1.0000	N/A	30/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130841	N/A	1.0000	N/A	7/09/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130842	N/A	1.0000	N/A	7/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130843	N/A	1.0000	N/A	29/04/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130844	N/A	1.0000	N/A	12/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130845	N/A	1.0000	N/A	7/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130846	N/A	1.0000	N/A	11/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130847	N/A	1.0000	N/A	11/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130848	N/A	1.0000	N/A	5/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130849	N/A	1.0000	N/A	7/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130850	N/A	1.0000	N/A	5/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130851	N/A	1.0000	N/A	4/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130852	N/A	1.0000	N/A	4/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130853	N/A	1.0000	N/A	4/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130854	N/A	1.0000	N/A	7/02/2990	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130855	N/A	1.0000	N/A	1/11/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130856	N/A	1.0000	N/A	17/11/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130857	N/A	1.0000	N/A	1/11/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130858	N/A	1.0000	N/A	12/11/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130859	N/A	1.0000	N/A	4/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130860	N/A	1.0000	N/A	5/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130861	N/A	1.0000	N/A	12/04/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130862	N/A	1.0000	N/A	30/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130863	N/A	1.0000	N/A	31/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130864	N/A	1.0000	N/A	31/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130865	N/A	1.0000	N/A	4/08/2973	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130866	N/A	1.0000	N/A	7/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130867	N/A	1.0000	N/A	20/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130868	N/A	1.0000	N/A	21/10/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130869	N/A	1.0000	N/A	20/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130870	N/A	1.0000	N/A	22/01/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130871	N/A	1.0000	N/A	10/09/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130872	N/A	1.0000	N/A	20/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130873	N/A	1.0000	N/A	2/12/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130874	N/A	1.0000	N/A	8/12/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130875	N/A	1.0000	N/A	21/08/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130876	N/A	1.0000	N/A	8/09/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130877	N/A	1.0000	N/A	3/09/2974	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130878	N/A	1.0000	N/A	3/04/2972	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130879	N/A	1.0000	N/A	30/10/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130880	N/A	1.0000	N/A	1/11/2975	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130881	N/A	1.0000	N/A	2/03/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130882	N/A	1.0000	N/A	14/11/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130883	N/A	1.0000	N/A	31/10/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130884	N/A	1.0000	N/A	1/09/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130893	N/A	1.0000	N/A	22/10/2084	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130894	N/A	1.0000	N/A	26/09/2084	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130895	N/A	1.0000	N/A	25/07/2084	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130896	N/A	1.0000	N/A	13/02/2079	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130897	N/A	1.0000	N/A	28/03/2084	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130898	N/A	1.0000	N/A	27/12/2077	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130899	N/A	1.0000	N/A	5/11/2086	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130900	N/A	1.0000	N/A	5/11/2086	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130901	N/A	1.0000	N/A	24/08/2091	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130902	N/A	1.0000	N/A	5/10/2091	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150100	N/A	1.0000	N/A	10/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150101	N/A	1.0000	N/A	18/12/2084	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310150102	N/A	1.0000	N/A	30/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150103	N/A	1.0000	N/A	29/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150104	N/A	1.0000	N/A	10/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150105	N/A	1.0000	N/A	29/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150106	N/A	1.0000	N/A	29/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150107	N/A	1.0000	N/A	30/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150108	N/A	1.0000	N/A	12/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150109	N/A	1.0000	N/A	24/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150110	N/A	1.0000	N/A	27/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150111	N/A	1.0000	N/A	9/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150112	N/A	1.0000	N/A	12/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150113	N/A	1.0000	N/A	31/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150114	N/A	1.0000	N/A	23/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150115	N/A	1.0000	N/A	24/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150116	N/A	1.0000	N/A	6/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150117	N/A	1.0000	N/A	16/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150118	N/A	1.0000	N/A	16/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150119	N/A	1.0000	N/A	25/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150120	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150121	N/A	1.0000	N/A	5/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150122	N/A	1.0000	N/A	20/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150123	N/A	1.0000	N/A	25/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150124	N/A	1.0000	N/A	25/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150125	N/A	1.0000	N/A	16/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150126	N/A	1.0000	N/A	17/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150127	N/A	1.0000	N/A	11/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150128	N/A	1.0000	N/A	12/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150129	N/A	1.0000	N/A	27/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150130	N/A	1.0000	N/A	13/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150131	N/A	1.0000	N/A	10/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150132	N/A	1.0000	N/A	11/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150133	N/A	1.0000	N/A	5/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150134	N/A	1.0000	N/A	18/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150135	N/A	1.0000	N/A	3/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150136	N/A	1.0000	N/A	27/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150137	N/A	1.0000	N/A	26/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150138	N/A	1.0000	N/A	17/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150139	N/A	1.0000	N/A	29/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150140	N/A	1.0000	N/A	26/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150141	N/A	1.0000	N/A	3/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150142	N/A	1.0000	N/A	17/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150143	N/A	1.0000	N/A	11/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150144	N/A	1.0000	N/A	10/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150145	N/A	1.0000	N/A	14/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150146	N/A	1.0000	N/A	17/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150147	N/A	1.0000	N/A	12/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150148	N/A	1.0000	N/A	19/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150149	N/A	1.0000	N/A	10/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150150	N/A	1.0000	N/A	5/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150151	N/A	1.0000	N/A	29/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150152	N/A	1.0000	N/A	10/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150153	N/A	1.0000	N/A	20/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150154	N/A	1.0000	N/A	24/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150155	N/A	1.0000	N/A	5/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150156	N/A	1.0000	N/A	20/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150157	N/A	1.0000	N/A	30/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150158	N/A	1.0000	N/A	29/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150159	N/A	1.0000	N/A	26/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150160	N/A	1.0000	N/A	24/07/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150161	N/A	1.0000	N/A	19/11/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310150162	N/A	1.0000	N/A	4/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290100	N/A	1.0000	N/A	11/03/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290103	N/A	1.0000	N/A	12/01/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290104	N/A	1.0000	N/A	20/07/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290105	N/A	1.0000	N/A	1/04/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290106	N/A	1.0000	N/A	7/05/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290107	N/A	1.0000	N/A	8/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290109	N/A	1.0000	N/A	1/02/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290110	N/A	1.0000	N/A	15/11/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290112	N/A	1.0000	N/A	3/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290113	N/A	1.0000	N/A	20/08/2097	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290114	N/A	1.0000	N/A	25/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290115	N/A	1.0000	N/A	2/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290116	N/A	1.0000	N/A	17/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290117	N/A	1.0000	N/A	17/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290119	N/A	1.0000	N/A	15/11/2089	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290121	N/A	1.0000	N/A	16/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290124	N/A	1.0000	N/A	19/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290125	N/A	1.0000	N/A	8/10/2092	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290126	N/A	1.0000	N/A	10/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290127	N/A	1.0000	N/A	31/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290128	N/A	1.0000	N/A	31/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290129	N/A	1.0000	N/A	31/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290130	N/A	1.0000	N/A	10/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290131	N/A	1.0000	N/A	10/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290132	N/A	1.0000	N/A	8/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290133	N/A	1.0000	N/A	17/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290135	N/A	1.0000	N/A	24/09/2091	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290137	N/A	1.0000	N/A	2/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290140	N/A	1.0000	N/A	11/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290141	N/A	1.0000	N/A	12/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290143	N/A	1.0000	N/A	15/11/2089	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310290144	N/A	1.0000	N/A	20/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290145	N/A	1.0000	N/A	28/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290146	N/A	1.0000	N/A	3/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290147	N/A	1.0000	N/A	20/08/2097	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290149	N/A	1.0000	N/A	21/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290150	N/A	1.0000	N/A	18/10/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290151	N/A	1.0000	N/A	18/10/2088	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290152	N/A	1.0000	N/A	16/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290153	N/A	1.0000	N/A	12/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290155	N/A	1.0000	N/A	5/05/2085	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290156	N/A	1.0000	N/A	19/02/2076	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290157	N/A	1.0000	N/A	28/02/2076	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290158	N/A	1.0000	N/A	14/02/2076	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290159	N/A	1.0000	N/A	14/02/2076	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290160	N/A	1.0000	N/A	11/102077	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290161	N/A	1.0000	N/A	26/07/2087	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290162	N/A	1.0000	N/A	7/02/2076	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690001	N/A	1.0000	N/A	2/12/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690002	N/A	1.0000	N/A	4/11/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690003	N/A	1.0000	N/A	4/11/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690004	N/A	1.0000	N/A	2/12/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690005	N/A	1.0000	N/A	27/10/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690006	N/A	1.0000	N/A	27/10/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690007	N/A	1.0000	N/A	24/09/2107	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690008	N/A	1.0000	N/A	6/03/2108	Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990001	N/A	1.0000	N/A	8/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990002	N/A	1.0000	N/A	14/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990003	N/A	1.0000	N/A	11/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990004	N/A	1.0000	N/A	9/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990005	N/A	1.0000	N/A	9/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990006	N/A	1.0000	N/A	11/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990007	N/A	1.0000	N/A	20/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990008	N/A	1.0000	N/A	23/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990009	N/A	1.0000	N/A	24/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990010	N/A	1.0000	N/A	24/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990011	N/A	1.0000	N/A	31/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990012	N/A	1.0000	N/A	5/11/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990013	N/A	1.0000	N/A	30/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990014	N/A	1.0000	N/A	28/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990015	N/A	1.0000	N/A	3/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990016	N/A	1.0000	N/A	23/01/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990017	N/A	1.0000	N/A	6/02/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990018	N/A	1.0000	N/A	4/02/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990019	N/A	1.0000	N/A	5/02/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990020	N/A	1.0000	N/A	5/02/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990021	N/A	1.0000	N/A	10/02/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990022	N/A	1.0000	N/A	11/02/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990023	N/A	1.0000	N/A	27/01/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990024	N/A	1.0000	N/A	30/01/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990025	N/A	1.0000	N/A	10/12/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990026	N/A	1.0000	N/A	31/03/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990027	N/A	1.0000	N/A	30/03/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990028	N/A	1.0000	N/A	29/04/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990029	N/A	1.0000	N/A	18/05/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990030	N/A	1.0000	N/A	27/05/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990031	N/A	1.0000	N/A	27/05/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990032	N/A	1.0000	N/A	1/07/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990033	N/A	1.0000	N/A	9/07/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990034	N/A	1.0000	N/A	7/09/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990035	N/A	1.0000	N/A	16/09/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990038	N/A	1.0000	N/A	24/09/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990039	N/A	1.0000	N/A	12/07/2100	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990040	N/A	1.0000	N/A	12/07/2100	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990041	N/A	1.0000	N/A	20/10/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990042	N/A	1.0000	N/A	9/11/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990043	N/A	1.0000	N/A	30/10/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990044	N/A	1.0000	N/A	24/01/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990045	N/A	1.0000	N/A	2/08/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990046	N/A	1.0000	N/A	28/07/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990047	N/A	1.0000	N/A	28/07/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990048	N/A	1.0000	N/A	3/08/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990049	N/A	1.0000	N/A	27/10/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990050	N/A	1.0000	N/A	10/08/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990051	N/A	1.0000	N/A	25/08/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990052	N/A	1.0000	N/A	5/07/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990053	N/A	1.0000	N/A	6/07/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990054	N/A	1.0000	N/A	14/09/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990055	N/A	1.0000	N/A	1/09/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990056	N/A	1.0000	N/A	10/01/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990057	N/A	1.0000	N/A	10/01/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990058	N/A	1.0000	N/A	13/01/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990059	N/A	1.0000	N/A	5/06/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990060	N/A	1.0000	N/A	28/02/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310990061	N/A	1.0000	N/A	28/02/2105	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010100	N/A	1.0000	N/A	2/02/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010101	N/A	1.0000	N/A	1/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010102	N/A	1.0000	N/A	2/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010103	N/A	1.0000	N/A	2/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010104	N/A	1.0000	N/A	18/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010105	N/A	1.0000	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010106	N/A	1.0000	N/A	10/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010107	N/A	1.0000	N/A	17/07/2083	Right of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW311010108	N/A	1.0000	N/A	20/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010109	N/A	1.0000	N/A	10/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010110	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010111	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010112	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010113	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010114	N/A	1.0000	N/A	3/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010115	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010116	N/A	1.0000	N/A	13/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010117	N/A	1.0000	N/A	13/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010118	N/A	1.0000	N/A	13/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010119	N/A	1.0000	N/A	3/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010120	N/A	1.0000	N/A	10/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010121	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010122	N/A	1.0000	N/A	11/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010123	N/A	1.0000	N/A	1/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010124	N/A	1.0000	N/A	11/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010125	N/A	1.0000	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010126	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010127	N/A	1.0000	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010128	N/A	1.0000	N/A	3/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010129	N/A	1.0000	N/A	11/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010130	N/A	1.0000	N/A	20/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010131	N/A	1.0000	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010132	N/A	1.0000	N/A	18/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010133	N/A	1.0000	N/A	2/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010134	N/A	1.0000	N/A	19/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010135	N/A	1.0000	N/A	19/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010136	N/A	1.0000	N/A	18/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010137	N/A	1.0000	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010138	N/A	1.0000	N/A	10/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010139	N/A	1.0000	N/A	7/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010140	N/A	1.0000	N/A	11/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010141	N/A	1.0000	N/A	17/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010142	N/A	1.0000	N/A	18/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010143	N/A	1.0000	N/A	17/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010144	N/A	1.0000	N/A	1/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010145	N/A	1.0000	N/A	16/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010146	N/A	1.0000	N/A	19/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010147	N/A	1.0000	N/A	27/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311090100	N/A	1.0000	N/A	13/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170001	N/A	1.0000	N/A	5/09/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170002	N/A	1.0000	N/A	5/09/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170003	N/A	1.0000	N/A	9/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170004	N/A	1.0000	N/A	5/09/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170005	N/A	1.0000	N/A	10/08/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210001	N/A	1.0000	N/A	2/10/2096	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210002	N/A	1.0000	N/A	8/08/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210003	N/A	1.0000	N/A	3/11/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210004	N/A	1.0000	N/A	18/10/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210005	N/A	1.0000	N/A	2/05/2096	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210006	N/A	1.0000	N/A	26/09/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210007	N/A	1.0000	N/A	12/09/2096	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210008	N/A	1.0000	N/A	29/07/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210009	N/A	1.0000	N/A	26/07/2095	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490001	N/A	1.0000	N/A	22/01/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490002	N/A	1.0000	N/A	22/01/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490003	N/A	1.0000	N/A	19/02/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490004	N/A	1.0000	N/A	15/12/2032	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490005	N/A	1.0000	N/A	8/03/2033	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490006	N/A	1.0000	N/A	30/06/2039	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490007	N/A	1.0000	N/A	26/05/2040	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490008	N/A	1.0000	N/A	26/05/2040	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490009	N/A	1.0000	N/A	31/03/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490010	N/A	1.0000	N/A	7/10/2031	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490011	N/A	1.0000	N/A	17/05/2040	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490012	N/A	1.0000	N/A	21/09/2027	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490100	N/A	1.0000	N/A	10/01/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490101	N/A	1.0000	N/A	20/08/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490102	N/A	1.0000	N/A	19/10/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490105	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490106	N/A	1.0000	N/A	20/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490107	N/A	1.0000	N/A	20/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490108	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490109	N/A	1.0000	N/A	30/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490110	N/A	1.0000	N/A	13/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490111	N/A	1.0000	N/A	20/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490112	N/A	1.0000	N/A	11/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490113	N/A	1.0000	N/A	13/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490114	N/A	1.0000	N/A	6/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490115	N/A	1.0000	N/A	10/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490116	N/A	1.0000	N/A	28/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490117	N/A	1.0000	N/A	20/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490118	N/A	1.0000	N/A	27/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490119	N/A	1.0000	N/A	17/02/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490120	N/A	1.0000	N/A	17/02/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490121	N/A	1.0000	N/A	26/01/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490122	N/A	1.0000	N/A	24/11/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490123	N/A	1.0000	N/A	24/11/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490124	N/A	1.0000	N/A	24/11/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490125	N/A	1.0000	N/A	8/03/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490126	N/A	1.0000	N/A	23/03/2082	Right of Way	Surface

PA	ROW	Empire Energy E&P, LLC	RW370490127	N/A	1.0000	N/A	27/09/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490128	N/A	1.0000	N/A	8/03/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490129	N/A	1.0000	N/A	19/11/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490130	N/A	1.0000	N/A	28/09/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490131	N/A	1.0000	N/A	1/02/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490132	N/A	1.0000	N/A	24/09/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490135	N/A	1.0000	N/A	1/03/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490136	N/A	1.0000	N/A	15/03/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490137	N/A	1.0000	N/A	7/10/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490138	N/A	1.0000	N/A	26/09/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490139	N/A	1.0000	N/A	10/11/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490140	N/A	1.0000	N/A	13/04/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490141	N/A	1.0000	N/A	11/12/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490142	N/A	1.0000	N/A	25/01/2089	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490143	N/A	1.0000	N/A	8/08/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490144	N/A	1.0000	N/A	10/12/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490145	N/A	1.0000	N/A	3/11/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490146	N/A	1.0000	N/A	8/04/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490147	N/A	1.0000	N/A	9/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490148	N/A	1.0000	N/A	9/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490149	N/A	1.0000	N/A	9/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490150	N/A	1.0000	N/A	21/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490151	N/A	1.0000	N/A	6/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490152	N/A	1.0000	N/A	4/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490153	N/A	1.0000	N/A	12/11/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490154	N/A	1.0000	N/A	11/11/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490155	N/A	1.0000	N/A	14/11/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490156	N/A	1.0000	N/A	6/01/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490157	N/A	1.0000	N/A	7/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490158	N/A	1.0000	N/A	27/09/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490159	N/A	1.0000	N/A	6/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490160	N/A	1.0000	N/A	4/01/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490161	N/A	1.0000	N/A	27/09/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490162	N/A	1.0000	N/A	9/01/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490163	N/A	1.0000	N/A	6/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490164	N/A	1.0000	N/A	29/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490165	N/A	1.0000	N/A	29/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490166	N/A	1.0000	N/A	29/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490167	N/A	1.0000	N/A	28/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490168	N/A	1.0000	N/A	6/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490169	N/A	1.0000	N/A	23/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490170	N/A	1.0000	N/A	7/03/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490171	N/A	1.0000	N/A	18/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490172	N/A	1.0000	N/A	31/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490173	N/A	1.0000	N/A	7/01/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490174	N/A	1.0000	N/A	7/01/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490175	N/A	1.0000	N/A	3/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490176	N/A	1.0000	N/A	6/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490177	N/A	1.0000	N/A	29/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490178	N/A	1.0000	N/A	29/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490179	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490180	N/A	1.0000	N/A	2/05/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490181	N/A	1.0000	N/A	25/06/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490182	N/A	1.0000	N/A	19/11/2077	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490183	N/A	1.0000	N/A	30/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490184	N/A	1.0000	N/A	12/05/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490185	N/A	1.0000	N/A	25/06/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490186	N/A	1.0000	N/A	22/01/2079	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490187	N/A	1.0000	N/A	25/06/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490188	N/A	1.0000	N/A	2/08/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490189	N/A	1.0000	N/A	18/12/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490190	N/A	1.0000	N/A	26/05/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490191	N/A	1.0000	N/A	31/08/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490192	N/A	1.0000	N/A	13/01/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490193	N/A	1.0000	N/A	19/10/2077	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490194	N/A	1.0000	N/A	31/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490195	N/A	1.0000	N/A	6/06/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490196	N/A	1.0000	N/A	20/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490197	N/A	1.0000	N/A	26/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490198	N/A	1.0000	N/A	3/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490199	N/A	1.0000	N/A	23/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490200	N/A	1.0000	N/A	25/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490201	N/A	1.0000	N/A	29/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490202	N/A	1.0000	N/A	18/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490203	N/A	1.0000	N/A	8/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490204	N/A	1.0000	N/A	11/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490205	N/A	1.0000	N/A	20/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490206	N/A	1.0000	N/A	15/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490207	N/A	1.0000	N/A	17/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490208	N/A	1.0000	N/A	11/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490209	N/A	1.0000	N/A	20/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490210	N/A	1.0000	N/A	7/05/2089	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490211	N/A	1.0000	N/A	8/09/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490212	N/A	1.0000	N/A	10/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490213	N/A	1.0000	N/A	10/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490214	N/A	1.0000	N/A	8/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490215	N/A	1.0000	N/A	28/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490216	N/A	1.0000	N/A	28/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490217	N/A	1.0000	N/A	23/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490218	N/A	1.0000	N/A	29/05/2089	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490219	N/A	1.0000	N/A	23/10/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490220	N/A	1.0000	N/A	10/05/2084	Right of Way	Surface

PA	ROW	Empire Energy E&P, LLC	RW370490221	N/A	1.0000	N/A	2/01/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490222	N/A	1.0000	N/A	27/10/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490223	N/A	1.0000	N/A	1/03/2087	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490224	N/A	1.0000	N/A	6/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490225	N/A	1.0000	N/A	6/01/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490226	N/A	1.0000	N/A	31/07/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490227	N/A	1.0000	N/A	28/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490228	N/A	1.0000	N/A	14/08/2089	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490229	N/A	1.0000	N/A	29/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490230	N/A	1.0000	N/A	23/10/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490231	N/A	1.0000	N/A	29/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490232	N/A	1.0000	N/A	27/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490233	N/A	1.0000	N/A	30/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490234	N/A	1.0000	N/A	29/05/2089	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490235	N/A	1.0000	N/A	23/09/2090	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490236	N/A	1.0000	N/A	13/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490237	N/A	1.0000	N/A	30/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490238	N/A	1.0000	N/A	24/11/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490239	N/A	1.0000	N/A	1/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490240	N/A	1.0000	N/A	30/01/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490241	N/A	1.0000	N/A	19/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490242	N/A	1.0000	N/A	13/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490243	N/A	1.0000	N/A	16/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490244	N/A	1.0000	N/A	3/12/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490245	N/A	1.0000	N/A	19/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490246	N/A	1.0000	N/A	8/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490248	N/A	1.0000	N/A	5/06/2077	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490249	N/A	1.0000	N/A	7/10/2076	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490250	N/A	1.0000	N/A	3/10/2076	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490251	N/A	1.0000	N/A	3/08/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490252	N/A	1.0000	N/A	25/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490253	N/A	1.0000	N/A	21/09/2076	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490254	N/A	1.0000	N/A	2/08/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490255	N/A	1.0000	N/A	21/01/2079	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490256	N/A	1.0000	N/A	20/09/2077	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490257	N/A	1.0000	N/A	26/10/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490258	N/A	1.0000	N/A	2/08/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490259	N/A	1.0000	N/A	28/10/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490260	N/A	1.0000	N/A	30/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490261	N/A	1.0000	N/A	30/10/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490262	N/A	1.0000	N/A	30/10/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490263	N/A	1.0000	N/A	8/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490265	N/A	1.0000	N/A	23/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490266	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490267	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490268	N/A	1.0000	N/A	17/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490269	N/A	1.0000	N/A	7/10/2076	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490270	N/A	1.0000	N/A	3/10/2076	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490271	N/A	1.0000	N/A	3/08/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490272	N/A	1.0000	N/A	10/01/2079	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490273	N/A	1.0000	N/A	4/10/2076	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490274	N/A	1.0000	N/A	19/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490275	N/A	1.0000	N/A	12/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490276	N/A	1.0000	N/A	2/02/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490277	N/A	1.0000	N/A	28/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490278	N/A	1.0000	N/A	22/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490279	N/A	1.0000	N/A	23/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490280	N/A	1.0000	N/A	21/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490281	N/A	1.0000	N/A	10/06/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490282	N/A	1.0000	N/A	11/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490283	N/A	1.0000	N/A	11/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490284	N/A	1.0000	N/A	21/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490285	N/A	1.0000	N/A	15/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490286	N/A	1.0000	N/A	15/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490287	N/A	1.0000	N/A	13/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490288	N/A	1.0000	N/A	13/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490289	N/A	1.0000	N/A	27/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490290	N/A	1.0000	N/A	15/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490291	N/A	1.0000	N/A	9/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490292	N/A	1.0000	N/A	11/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490293	N/A	1.0000	N/A	18/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490294	N/A	1.0000	N/A	19/09/2077	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490295	N/A	1.0000	N/A	13/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490296	N/A	1.0000	N/A	6/10/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490298	N/A	1.0000	N/A	9/08/2093	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490299	N/A	1.0000	N/A	1/08/2093	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490300	N/A	1.0000	N/A	21/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490301	N/A	1.0000	N/A	25/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490302	N/A	1.0000	N/A	9/08/2093	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490303	N/A	1.0000	N/A	29/06/2093	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490304	N/A	1.0000	N/A	3/02/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490305	N/A	1.0000	N/A	21/06/2090	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490307	N/A	1.0000	N/A	3/02/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490308	N/A	1.0000	N/A	15/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490309	N/A	1.0000	N/A	18/02/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490310	N/A	1.0000	N/A	26/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490311	N/A	1.0000	N/A	15/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490312	N/A	1.0000	N/A	12/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490313	N/A	1.0000	N/A	25/02/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490314	N/A	1.0000	N/A	9/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490315	N/A	1.0000	N/A	12/02/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490316	N/A	1.0000	N/A	11/03/2084	Right of Way	Surface

PA	ROW	Empire Energy E&P, LLC	RW370490317	N/A	1.0000	N/A	19/06/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490318	N/A	1.0000	N/A	6/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490319	N/A	1.0000	N/A	6/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490320	N/A	1.0000	N/A	23/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490321	N/A	1.0000	N/A	25/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490322	N/A	1.0000	N/A	14/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490323	N/A	1.0000	N/A	26/07/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490324	N/A	1.0000	N/A	3/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490325	N/A	1.0000	N/A	14/01/2079	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490326	N/A	1.0000	N/A	26/07/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490327	N/A	1.0000	N/A	14/10/2087	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490328	N/A	1.0000	N/A	16/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490329	N/A	1.0000	N/A	7/03/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490330	N/A	1.0000	N/A	5/07/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490331	N/A	1.0000	N/A	15/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490332	N/A	1.0000	N/A	12/07/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490333	N/A	1.0000	N/A	12/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490334	N/A	1.0000	N/A	15/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490335	N/A	1.0000	N/A	29/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490336	N/A	1.0000	N/A	13/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490337	N/A	1.0000	N/A	23/07/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490338	N/A	1.0000	N/A	9/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490339	N/A	1.0000	N/A	23/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490340	N/A	1.0000	N/A	6/01/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490341	N/A	1.0000	N/A	20/06/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490342	N/A	1.0000	N/A	9/09/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490343	N/A	1.0000	N/A	27/03/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490344	N/A	1.0000	N/A	23/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490345	N/A	1.0000	N/A	30/07/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490346	N/A	1.0000	N/A	20/05/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490347	N/A	1.0000	N/A	20/08/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490348	N/A	1.0000	N/A	10/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490349	N/A	1.0000	N/A	4/01/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490350	N/A	1.0000	N/A	19/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490351	N/A	1.0000	N/A	19/09/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490352	N/A	1.0000	N/A	16/07/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490353	N/A	1.0000	N/A	4/03/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490354	N/A	1.0000	N/A	21/08/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490355	N/A	1.0000	N/A	18/10/2089	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490356	N/A	1.0000	N/A	11/09/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490357	N/A	1.0000	N/A	27/02/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490358	N/A	1.0000	N/A	15/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490359	N/A	1.0000	N/A	11/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490360	N/A	1.0000	N/A	6/06/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490361	N/A	1.0000	N/A	21/08/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490362	N/A	1.0000	N/A	20/04/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490363	N/A	1.0000	N/A	30/03/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490364	N/A	1.0000	N/A	12/05/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490365	N/A	1.0000	N/A	18/10/2089	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490366	N/A	1.0000	N/A	10/04/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490367	N/A	1.0000	N/A	27/02/2085	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490368	N/A	1.0000	N/A	19/09/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490369	N/A	1.0000	N/A	16/07/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490370	N/A	1.0000	N/A	12/01/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490371	N/A	1.0000	N/A	27/03/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490372	N/A	1.0000	N/A	18/10/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490373	N/A	1.0000	N/A	23/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490374	N/A	1.0000	N/A	17/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490375	N/A	1.0000	N/A	6/05/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490376	N/A	1.0000	N/A	2/12/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490377	N/A	1.0000	N/A	20/06/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490378	N/A	1.0000	N/A	12/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490379	N/A	1.0000	N/A	12/12/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490380	N/A	1.0000	N/A	11/01/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490381	N/A	1.0000	N/A	27/10/2086	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490382	N/A	1.0000	N/A	9/08/2087	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490383	N/A	1.0000	N/A	19/04/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490384	N/A	1.0000	N/A	12/01/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490385	N/A	1.0000	N/A	3/02/2082	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490386	N/A	1.0000	N/A	9/06/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490387	N/A	1.0000	N/A	9/06/2080	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490388	N/A	1.0000	N/A	13/10/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490390	N/A	1.0000	N/A	13/10/2087	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490391	N/A	1.0000	N/A	13/08/2090	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490392	N/A	1.0000	N/A	13/10/2091	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490393	N/A	1.0000	N/A	19/10/2091	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490394	N/A	1.0000	N/A	13/10/2091	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490395	N/A	1.0000	N/A	23/09/2090	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490396	N/A	1.0000	N/A	13/10/2087	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490397	N/A	1.0000	N/A	31/01/2097	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490398	N/A	1.0000	N/A	23/03/2097	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490399	N/A	1.0000	N/A	25/07/2041	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490400	N/A	1.0000	N/A	25/11/2096	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490401	N/A	1.0000	N/A	3/06/2097	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490402	N/A	1.0000	N/A	27/09/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490403	N/A	1.0000	N/A	17/09/2078	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490404	N/A	1.0000	N/A	17/04/2098	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490406	N/A	1.0000	N/A	29/11/2098	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490407	N/A	1.0000	N/A	15/02/2099	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490408	N/A	1.0000	N/A	25/04/2099	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490409	N/A	1.0000	N/A	5/12/2099	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490410	N/A	1.0000	N/A	4/12/2099	Right of Way	Surface

PA	ROW	Empire Energy E&P, LLC	RW370490411	N/A	1.0000	N/A	20/04/2100	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490412	N/A	1.0000	N/A	27/04/2100	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490413	N/A	1.0000	N/A	5/04/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490414	N/A	1.0000	N/A	24/02/2081	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490415	N/A	1.0000	N/A	27/06/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490416	N/A	1.0000	N/A	2/01/2084	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490417	N/A	1.0000	N/A	2/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490418	N/A	1.0000	N/A	13/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490419	N/A	1.0000	N/A	2/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490420	N/A	1.0000	N/A	13/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490421	N/A	1.0000	N/A	9/03/2104	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490423	N/A	1.0000	N/A	18/10/2087	Right of Way	Surface

State	Contracts/Deed Type	Operator	Empire ID	NRI	WI	Acres	Maturity	Status	Formation
KS	O&G	Empire Energy E&P, LLC	150090001	0.494847	0.5848	160	16420	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090002	0.788546	0.92823	110	16174	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090003	0.788546	0.92823	160	28756	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090004	0.788546	0.92823	60	23933	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090005	0.788546	0.92823	160	17703	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090007	0.788546	0.92823	160	16697	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090008	0.788546	0.92823	160	16697	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090010	0.656673	0.92823	140	30721	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090011	0.712997	0.92823	42	30721	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090012	0.668579	0.78716	160	16567	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090013	0.788546	0.92823	80	38879	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090014	0.788546	0.92823	-	38879	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090015	0.494847	0.5848	160	25307	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150090016	0.786924	0.92823	40	14022	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330001	0.754726	0.92823	-	34292	HBP, Producing	6,359 feet and above or the base of Viola and above, whichever is greater
KS	O&G	Empire Energy E&P, LLC	150330002	0.754726	0.92823	160	34951	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330003	0.754726	0.92823	-	34931	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330004	0.754726	0.92823	-	34958	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510001	0.786923	0.92823	100	16519	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510002	0.786924	0.92823	160	16519	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510003	0.786924	0.92823	160	16524	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510004	0.786924	0.92823	160	16524	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510005	0.786924	0.92823	160	16519	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510006	0.786924	0.92823	80	16519	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510007	0.786924	0.92823	160	16529	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510008	0.728423	0.86	240	16522	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510009	0.728799	0.86	160	19884	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510010	0.728799	0.86	-	19867	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510011	0.71591	0.86	160	19959	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510012	0.71591	0.86	-	19976	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510013	0.728423	0.86	10	10624	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510014	0.496136	0.5848	160	10632	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510015	0.764394	0.92823	70	16896	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510016	0.73389	0.92823	160	26140	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510017	0.724121	0.92823	75	29934	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510018	0.73389	0.92823	146	26052	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510019	0.424375	0.5	160	41313	HBP, Producing	All Horizons
KS	Minerals/Royalty	Empire Energy E&P, LLC	150510021	0.003125	0	320	N/A	Fee	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630001	0.58394	0.688	160	39906	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630002	0.58394	0.688	160	39906	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630003	0.76824	0.99	240	40519	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630004	0.76824	0.99	1520	40444	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630005	0.76824	0.99	160	40451	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630006	0.76824	0.99	160	40451	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630007	0.76824	0.99	160	40451	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630022	0.875	1	160	44040	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150650001	0.626692	0.78716	160	19240	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150650002	0.730599	0.92823	160	19758	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150650006	0.8425	1	160	42597	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150970001	0.660582	0.78716	80	23851	HBP, Producing	All Horizons
KS	O&G	Oolite Energy, Corp.	151190004	0.116963	0.15459	160	30039	HBP, Producing	All Horizons
KS	O&G	Oolite Energy, Corp.	151190004	0.099808	0.13192	160	30039	HBP, Producing	All Horizons
KS	O&G	Oolite Energy, Corp.	151190005	0.037157	0.04814	160	41119	HBP, Producing	All Horizons
KS	O&G	Oolite Energy, Corp.	151190006	0.05439	0.06799	148.68	41698	HBP, Producing	All Horizons
KS	O&G	Oolite Energy, Corp.	151190007	0.05439	0.06799	-	41365	HBP, Producing	All Horizons
KS	O&G	Oolite Energy, Corp.	151190008	0.111244	0.14686	153.03	41375	HBP, Producing	All Horizons
KS	O&G	Vess Oil Corporation	151350001	0.199663	0.24359	160	31862	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151450001	0.773406	0.92823	160	18068	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151510001	0.786924	0.92823	160	18343	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151550001	0.646111	0.92823	80	13604	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151630001	0.486339	0.5848	160	20983	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151630002	0.786924	0.92823	160	16898	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151630003	0.786924	0.92823	160	19114	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151630004	0.788546	0.92823	160	32472	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151650001	0.737639	0.92823	160	25865	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670001	0.533374	0.62862	20	12133	HBP, Producing	All Horizons
KS	O&G	Murfin Drilling Company, In	151670002	0.152991	0.18025	70	14539	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670003	0.533374	0.62862	-	12133	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670004	0.533374	0.62862	-	12133	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670006	0.33429	0.39358	80	10358	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670007	0.494847	0.5848	160	10332	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670008	0.728423	0.86	80	10572	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670009	0.494847	0.5848	40	10364	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670010	0.668579	0.78716	160	16659	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670011	0.668579	0.78716	-	16777	HBP, Producing	All Horizons

KS	O&G	Empire Energy E&P, LLC	151670012	0.786924	0.92823	160	16484	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670013	0.707568	0.86	160	16122	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670018	0.788546	0.92823	200	26967	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670019	0.788546	0.92823	240	32597	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670020	0.728423	0.86	40	16470	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670021	0.728423	0.86	160	16108	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670022	0.728423	0.86	160	16108	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670023	0.728423	0.86	220	16114	HBP, Producing	All Horizons
KS	Minerals/Royalty	Empire Energy E&P, LLC	151670024	0.000488	0	320	N/A	Fee	All Horizons
KS	Minerals/Royalty	Empire Energy E&P, LLC	151670025	0.000163	0	-	N/A	Fee	All Horizons
KS	Minerals/Royalty	Empire Energy E&P, LLC	151670026	0.000163	0	-	N/A	Fee	All Horizons
KS	Minerals/Royalty	Empire Energy E&P, LLC	151670027	0.001465	0	-	N/A	Fee	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670028	0.788546	0.92823	160	33861	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151670029	0.875	1	80	43867	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850001	0.728423	0.86	80	18055	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850002	0.786924	0.92823	70	19143	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850003	0.786924	0.92823	70	17203	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850004	0.494847	0.5848	100	13990	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850004	0.728423	0.86	120	13990	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850007	0.786924	0.92823	80	16941	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850008	0.786924	0.92823	160	16967	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850009	0.65709	0.78716	160	18177	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850010	0.728423	0.86	99	18059	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850011	0.739261	0.92823	160	33299	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850012	0.739261	0.92823	160	31511	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850013	0.73898	0.92823	160	33293	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850014	0.73898	0.92823	-	33293	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850015	0.73898	0.92823	-	33293	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850016	0.73898	0.92823	-	33293	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850017	0.73898	0.92823	40	33305	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850018	0.788546	0.95323	80	37437	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850019	0.424375	0.5	160	40942	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850020	0.424375	0.5	-	40942	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850021	0.424375	0.5	-	40942	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850022	0.424375	0.5	-	41292	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850023	0.424375	0.5	160	40926	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	151850024	0.424375	0.5	-	40926	HBP, Producing	All Horizons
KS	Minerals/Royalty	Empire Energy E&P, LLC	151850030	0.000781	0	160	N/A	Fee	All Horizons
KS	Minerals/Royalty	Empire Energy E&P, LLC	151850031	0.001042	0	80	N/A	Fee	All Horizons
KS	O&G	Empire Energy E&P, LLC	151950001	0.8	1	80	32987	HBP, Producing	All Horizons