



**EMPIRE ENERGY GROUP LIMITED**  
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(ASX: EEG)

## ASX Announcement – Petroleum Tenements

30 March 2015

### **PETROLEUM TENEMENTS HELD**

Pursuant to ASX Listing Rules 5.37 and 5.4.3 the Company is required to provide a listing of petroleum tenements held by the Company and its subsidiaries.

Attached is a report listing all petroleum tenements held by the Company and its subsidiaries as at 31 December 2014. Given the size of the report (67 pages) the Company has elected to disclose this report as a separate announcement and will reference this announcement in the Company's future Annual and Quarterly Reports.

### **ABOUT EMPIRE ENERGY GROUP LIMITED**

In early 2007, the Company established upstream oil and gas operations in the USA. Current operations are based in Appalachia (New York and Pennsylvania) and the Mid-Con (Kansas and Oklahoma). Daily production is ~1,300Boe/d.

The Company holds approximately 220,000 acres of Marcellus Shale and 180,000 acres of Utica Shale in western New York State and Pennsylvania. In addition, the Company has two Exploration Licences and five Exploration Licence Applications over 14.6 million acres in the McArthur Basin, Northern Territory, Australia. Work undertaken by the Company has shown this region to be highly prospective for oil and gas shale.

Empire Energy holds a US\$200 million credit facility with Macquarie Bank Limited which can be utilised for the sole purpose of acquiring and developing oil and gas assets in the USA. This facility has ~US\$42mm of the debt facility currently drawn.

EMPIRE ENERGY GROUP LIMITED - OIL & GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
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	310030033	1.0000	1.0000	16	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	O&G	Empire Energy E&P, LLC	310030028	1.0000	87.5000	24.3	20/01/2019	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310030029	1.0000	87.5000	195	3/02/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310030030	1.0000	87.5000	24.3	7/02/2019	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310030031	1.0000	87.5000	25	31/07/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310030032A	1.0000	87.5000	25	20/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310030032B	1.0000	87.5000	25	30/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310030034	1.0000	87.5000	76	1/01/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090002	1.0000	0.8488	185.16	9/02/1985	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310090003	1.0000	0.8488	127.85	13/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090004	1.0000	0.8488	55.83	16/08/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090005	1.0000	0.8488	241.04	12/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090006	1.0000	0.8488	73.3	5/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090011	1.0000	0.8488	255	18/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090014	1.0000	0.8488	335	28/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090015	1.0000	0.8488	1.71	22/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090017	1.0000	0.8488	480	24/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090018	1.0000	0.8222	7.13	12/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090019	1.0000	0.8222	51.65	28/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090020	1.0000	0.8100	320	28/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090021	1.0000	0.8222	8.14	13/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090023	1.0000	0.8222	110	12/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090024	1.0000	0.8222	917.35	13/09/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090025	1.0000	0.8488	7.37	15/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090026	1.0000	0.8488	79.5	3/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090027	1.0000	0.8488	13.16	28/12/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090028	1.0000	0.8222	66.95	1/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090029	1.0000	0.8222	106.9	26/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090030	1.0000	0.8222	189	1/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090031	1.0000	0.8222	11.14	28/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090032	1.0000	0.8222	201	9/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090034	1.0000	0.8222	51.72	30/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090035	1.0000	0.8488	54	20/08/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090036	1.0000	0.8488	1.47	16/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090038	1.0000	0.8488	2	23/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090039	1.0000	0.8488	6.2	23/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090040	1.0000	0.8488	4.7	26/04/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090041	1.0000	0.8488	33.88	11/01/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090042	1.0000	0.8488	5.5	23/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090044	1.0000	0.8222	102.11	2/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090045	1.0000	0.8488	3.36	24/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090047	1.0000	0.8488	130	9/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090048	1.0000	0.8488	55.88	18/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090049	1.0000	0.8488	11.24	17/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090052	1.0000	0.8488	1.49	22/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090075	1.0000	0.8184	70	19/09/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090076	1.0000	0.8488	63	30/09/2000	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090077	1.0000	0.8488	160	14/01/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090078	1.0000	0.8488	220	28/10/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090079	1.0000	0.8488	275	10/10/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090080	1.0000	0.8488	65.15	12/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090081	1.0000	0.8488	5.87	8/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090082	1.0000	0.8488	2.11	27/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090083	1.0000	0.8488	40	19/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090084	1.0000	0.8488	15	29/04/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090085	1.0000	0.8488	150.79	21/04/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090086	1.0000	0.8488	98	2/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090087	1.0000	0.8488	16.85	6/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090088	1.0000	0.8488	74	19/05/1982	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310090089	1.0000	0.8488	38	22/05/1982	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310090090	1.0000	0.8488	80.3	1/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090091	1.0000	0.8488	4	1/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090092	1.0000	0.8488	7	2/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090093	1.0000	0.8488	32	9/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090094	1.0000	0.8488	102.2	18/04/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090095	1.0000	0.8488	76.74	18/04/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090096	1.0000	0.8488	5	16/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090097	1.0000	0.8488	82.1	21/04/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090098	1.0000	0.8488	11.87	1/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090099	1.0000	0.8488	2.57	28/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090100	1.0000	0.8488	121	21/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090101	1.0000	0.8488	130	16/11/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090102	1.0000	0.8488	152.38	3/09/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090103	1.0000	0.8488	44.33	19/10/1995	HBP, Producing	All Horizons

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Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310090105	1.0000	0.8488	95	16/07/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090106	1.0000	0.8488	48	23/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090107	1.0000	0.8488	92.6	30/09/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090108	1.0000	0.8488	75	30/09/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090109	1.0000	0.8488	80	16/07/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090110	1.0000	0.8488	100	10/07/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090111	1.0000	0.8488	188.46	5/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090113A	1.0000	0.8488	260.18	30/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090115	1.0000	0.8488	106	27/07/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090116	1.0000	0.8488	179.26	27/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090118	1.0000	0.8488	108	5/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090119	1.0000	0.8488	4.85	5/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090121	1.0000	0.8488	0.683	11/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090122	1.0000	0.8488	1.78	5/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090123	1.0000	0.8488	1.49	8/11/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090125	1.0000	0.8488	106.06	17/04/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090127	1.0000	0.8488	143	11/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090128	1.0000	0.8488	63	16/02/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090130	1.0000	0.8488	117.69	20/06/1995	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090132	1.0000	0.8488	107	21/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090133	1.0000	0.8488	156	17/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090134	1.0000	0.8488	177	16/03/1982	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310090135	1.0000	0.8488	263	16/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090136	1.0000	0.8488	158	27/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090148	0.2125	0.8184	158.25	17/07/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090149	0.2125	0.8184	63.86	3/08/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090150	1.0000	0.8184	61	5/08/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090151	0.2125	0.8184	137.24	12/08/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090152	0.2125	0.8184	140.62	12/08/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090153	0.2125	0.8184	100	28/08/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090154	0.2125	0.8184	90	24/08/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090155	0.2125	0.8488	349	31/08/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090156	0.2125	0.7760	125	16/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090157	0.2125	0.7760	103	16/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090158	0.2125	0.7760	35	10/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090159	0.2125	0.7760	4.27	18/09/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090160	1.0000	0.7796	121	26/09/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090161	0.2125	0.7796	169.8	26/01/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090162	0.2124	0.7760	52.73	5/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090163	1.0000	0.7796	160	6/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090164	0.2125	0.7760	112.25	8/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090165	1.0000	0.7760	126	6/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090166	1.0000	0.7760	135	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090167	1.0000	0.7919	75	6/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090168	1.0000	0.7760	135.44	10/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090169	0.2125	0.7760	107	10/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090170	1.0000	0.8488	237	12/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090171	0.2125	0.7760	134	15/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090172	0.2125	0.7760	110	15/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090173	1.0000	0.7919	97	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090174	1.0000	0.7796	97	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090175	1.0000	0.7796	53	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090176	1.0000	0.7922	170	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090177	1.0000	0.7922	144	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090178	1.0000	0.7760	99	21/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090179	0.2125	0.7760	53.84	20/10/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090180	1.0000	0.7760	163	9/11/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090181	1.0000	0.7796	109	20/11/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090182	0.2125	0.7760	102	16/10/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090183	1.0000	0.8184	475.61	29/01/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090184	1.0000	0.7922	35.09	1/04/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090185	1.0000	0.7796	4	27/04/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090186	1.0000	0.7922	120	29/06/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090188	1.0000	0.8222	12.4	22/12/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090189	1.0000	0.8222	4	22/12/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090190	0.2125	0.7760	15	18/07/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090191	0.2124	0.7760	3.3	29/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090192	0.2124	0.7760	3.3	28/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090193	1.0000	0.7834	606	27/03/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090194	1.0000	0.8488	160	1/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090195	1.0000	0.8100	54.5	3/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090196	1.0000	0.8100	179	2/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090197	1.0000	0.8100	136	9/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090198	0.2125	0.7796	100	9/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090200	1.0000	0.8100	140	13/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090201	1.0000	0.8100	175	13/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090202	1.0000	0.7796	69.6	13/03/1982	HBP, Producing	100% Shallow 50%Deep

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310090203	1.0000	0.7796	33	14/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090204	1.0000	0.8100	54.5	14/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090205	0.2125	0.7760	160	15/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090206	1.0000	0.8100	160	15/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090207	1.0000	0.7796	74	15/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090208	1.0000	0.7796	72	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090209	1.0000	0.8100	171	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090210	1.0000	0.8100	117	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090211	1.0000	0.7796	100	20/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090212	0.2125	0.7760	445	21/03/1975	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090213	1.0000	0.7919	137	28/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090214	1.0000	0.8100	147	28/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090215	1.0000	0.7796	205	8/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090216	1.0000	0.7796	118	16/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090217	1.0000	0.7916	17.6	4/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090218	1.0000	0.7796	88	3/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090219	1.0000	0.7916	74	2/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090220	1.0000	0.7796	142	3/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090221	1.0000	0.7919	94	9/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090222	1.0000	0.7796	97	8/05/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090223	0.1250	0.8222	160	15/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090224	1.0000	0.7922	6	15/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090225	1.0000	0.8222	70.5	18/09/1977	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090226	1.0000	0.7952	97	31/01/1989	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090227	1.0000	0.7916	26	11/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090228	0.2125	0.7760	164	12/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090229	1.0000	0.7919	21	12/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090230	1.0000	0.7919	37	12/12/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090231	1.0000	0.8122	10	30/09/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090232	1.0000	0.8100	160	10/03/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090233	1.0000	0.8184	122	1/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090243	1.0000	0.8488	114.73	10/06/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090244	1.0000	0.8488	255.88	1/06/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090247	1.0000	0.8488	3.65	20/11/1982	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090248	1.0000	0.8488	97	28/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090249	1.0000	0.8488	42	22/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090251	1.0000	0.8488	706.9	19/10/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090252	1.0000	0.9700	256	6/02/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090253	1.0000	0.9700	110	6/02/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090254	1.0000	0.9700	223	28/04/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090255	1.0000	0.8488	91	12/11/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090256	1.0000	0.8488	21	9/12/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090257	1.0000	0.8488	1	9/12/1993	HBP, Producing	Shallow Only Unspcfd
NY	O&G	Empire Energy E&P, LLC	310090258	1.0000	0.8488	8	2/06/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090259	1.0000	0.8488	4.89	5/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090260	0.2500	0.8488	8.83	24/09/1995	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090261	1.0000	0.8488	353	27/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090262	1.0000	0.9700	155	12/10/2099	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090263	1.0000	0.8488	35.5	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090264	1.0000	0.8488	105.35	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090265	1.0000	0.8488	153.15	31/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090266	1.0000	0.8488	66.3	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090267	1.0000	0.8488	131.9	27/01/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090268	1.0000	0.8488	27	10/07/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090269	1.0000	0.8488	415	6/07/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090270	1.0000	0.8488	159.05	19/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090271	1.0000	0.9700	215	25/10/2099	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090272	1.0000	0.8488	2.75	4/12/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090273	0.5000	0.8924	41	28/09/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090274	0.5000	0.8924	30.28	27/09/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090275	0.5000	0.8488	4.59	21/06/2003	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090276	0.5000	0.8488	237	16/05/2006	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090277	1.0000	0.8924	9.5	26/09/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090278	1.0000	0.8924	6.25	3/10/2005	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090280	1.0000	0.8488	103	25/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090281	1.0000	0.8184	105	16/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090282	1.0000	0.8184	328.6	17/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090283	1.0000	0.8184	119.5	15/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090284	1.0000	0.8184	435.95	16/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090285	1.0000	0.8184	70.22	23/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090286	1.0000	0.8184	207.7	29/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090287	1.0000	0.8184	141.9	29/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090288	1.0000	0.8184	641.66	30/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090289	1.0000	0.8184	242.65	30/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090290	1.0000	0.8184	167.04	29/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090291	1.0000	0.8184	21.9	13/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090292	1.0000	0.8184	111.45	13/04/2015	Leased, DelayRental	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310090293	1.0000	0.8184	4.35	13/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090295	1.0000	0.8184	97.2	21/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090296	1.0000	0.8184	275.46	21/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090298A	1.0000	0.8184	124.1	2/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090299A	1.0000	0.8184	153.06	3/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090300	1.0000	0.8184	238.31	2/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090301	1.0000	0.8184	251.42	2/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090302	1.0000	0.8184	96.3	11/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090303	1.0000	0.8184	85.05	11/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090305	1.0000	0.8184	55.81	17/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090306	1.0000	0.8184	107.39	21/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090307	1.0000	0.8184	142.28	22/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090308	1.0000	0.8184	132.29	8/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090309	1.0000	0.8184	77.7	8/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090310	1.0000	0.8184	206.97	8/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090311	1.0000	0.8184	95.8	9/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090312	1.0000	0.8184	269.05	16/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090313	1.0000	0.8184	432.51	26/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090315	1.0000	0.8184	168.23	3/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090316	1.0000	0.8184	171.14	10/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090317	1.0000	0.8184	217.9	10/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090318	1.0000	0.8184	145.84	11/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090319	1.0000	0.8184	50.96	11/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090320	1.0000	0.8184	122.3	19/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090321A	1.0000	0.8184	391.37	22/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090322	1.0000	0.8184	245.5	30/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090323	1.0000	0.8184	344.95	5/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090324	1.0000	0.8184	108.2	14/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090325	1.0000	0.8184	55.35	22/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090326	1.0000	0.8184	42.49	22/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090327	1.0000	0.8184	77.67	16/02/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090329	1.0000	0.8184	202.41	16/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090332	1.0000	0.8488	28.76	25/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090333	1.0000	0.8488	23.21	25/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090334	1.0000	0.8488	57.62	12/10/2019	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090339	1.0000	0.8488	21.64	18/04/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090340	1.0000	0.8488	153.9	18/04/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090345	1.0000	0.8488	99.5	23/05/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090346	1.0000	0.8488	122.44	23/05/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090348	1.0000	0.8488	302.24	23/05/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090374	1.0000	0.8488	83.35	21/06/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090438	1.0000	0.8184	120	22/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090440	1.0000	0.8488	129.8	30/08/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090441	1.0000	0.8488	111.4	30/08/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090442	1.0000	0.8488	207.2	30/08/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090443	1.0000	0.8488	201	30/08/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090444	1.0000	0.8488	136.15	30/08/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090447	1.0000	0.8488	124.68	12/12/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090452	1.0000	0.8488	104.44	7/09/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090461	1.0000	0.8184	15	22/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090462	1.0000	0.8488	195.8	26/09/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090463	1.0000	0.8488	103.5	3/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090482	1.0000	0.8488	60.15	21/10/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090495	1.0000	0.8488	139.85	29/11/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090498	1.0000	0.8488	62.2	9/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090505	1.0000	0.8488	131.55	6/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090506	1.0000	0.8488	57.6	13/02/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090507	1.0000	0.8488	37.58	26/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090508	1.0000	0.8488	141.1	12/01/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090509	1.0000	0.8488	28.75	16/03/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090510	1.0000	0.8488	25.8	12/03/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090511	1.0000	0.8488	57.5	13/03/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090512	1.0000	0.8488	34.02	13/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090513	1.0000	0.8488	66.62	19/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090517	1.0000	0.8488	12.75	25/04/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090520	1.0000	0.8488	9.7	10/05/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090521	1.0000	0.8488	27.76	16/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090523	1.0000	0.8488	144.98	3/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090524	1.0000	0.8488	22.05	20/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090525	1.0000	0.8488	29.95	2/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090526	1.0000	0.8488	6.65	3/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090527	1.0000	0.8488	11.45	6/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090528	1.0000	0.8488	13.154	12/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090529	1.0000	0.8488	15.6	20/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090530	1.0000	0.8488	17.53	13/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090531	1.0000	0.8488	8.4	27/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090534	1.0000	0.8488	14.75	14/08/2017	Leased, PaidUP	All Horizons

EMPIRE ENERGY GROUP LIMITED - OIL & GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310090536	1.0000	0.8488	54	27/03/2071	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090538	0.2125	0.7760	2.75	28/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090539	0.2125	0.7760	3	29/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090540	0.2125	0.7760	4.2	29/03/1988	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090541	1.0000	0.8488	101	28/03/1982	Leased, DelayRental	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310090542	1.0000	0.8750	93.55	25/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090543	1.0000	0.8750	87.8	25/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090544	1.0000	0.8750	49.06	27/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090545	1.0000	0.8750	118.9	9/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090546	1.0000	0.8750	60.5	10/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090547	1.0000	0.8750	53.55	10/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090548	1.0000	0.8750	36.7	11/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090549	1.0000	0.8750	86.5	2/07/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090550	1.0000	0.8750	33.6	26/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090551	1.0000	0.8750	141.77	27/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090552	1.0000	0.8750	196	5/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310090553	1.0000	0.8750	20.8	25/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090554	1.0000	0.8750	143	11/02/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090555	1.0000	0.8750	151	18/04/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310090556	1.0000	0.8750	42	16/02/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110033	1.0000	0.8488	29.22	10/07/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110073	1.0000	0.8488	113.4	11/12/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110128	1.0000	0.8488	4	11/12/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110238	1.0000	0.8148	327.3	10/06/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110254	1.0000	0.8488	63.02	12/06/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110255	1.0000	0.8488	122.3	19/06/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110262	1.0000	0.8488	97	16/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110263	1.0000	0.8488	7.9	17/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110264	1.0000	0.8488	15	18/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110266	1.0000	0.8488	1.8	18/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110267	1.0000	0.8488	4	20/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110268	1.0000	0.8488	2.1	24/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110269	1.0000	0.8488	152.62	1/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110270	1.0000	0.8488	1.2	5/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110277	1.0000	0.8488	8.9	31/03/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110278	1.0000	0.8488	1.3	31/03/2014	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110281	1.0000	0.8488	5.89	5/04/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110282	1.0000	0.8488	13.2	8/04/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110284	1.0000	0.8488	14.06	10/04/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110286	1.0000	0.8488	14.2	31/03/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110287	1.0000	0.8488	16	17/04/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110288	1.0000	0.8488	12.5	17/04/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110294	1.0000	0.8488	14	26/04/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110295	1.0000	0.8488	12.6	27/04/2014	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110296	1.0000	0.8488	20.24	4/05/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110299	1.0000	0.8488	66.31	25/01/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110304	1.0000	0.8488	122	24/05/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110308	1.0000	0.8488	20	14/05/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110321	1.0000	0.8488	10.6	22/05/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110322	1.0000	0.8488	17.5	3/06/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110328	1.0000	0.8488	14.95	31/05/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110334	1.0000	0.8488	1	19/06/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110336	1.0000	0.8488	178.7	28/10/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110343	1.0000	0.8488	1.05	9/07/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110358	1.0000	0.8488	10.15	31/07/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110361A	1.0000	0.8488	50	27/07/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110447	1.0000	0.8488	1	23/02/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110448	1.0000	0.8488	2.7	23/02/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110449	1.0000	0.8488	1.7	24/02/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110450	1.0000	0.8488	1.3	25/02/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110451	1.0000	0.8488	1	26/02/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110452	1.0000	0.8488	6.8	28/10/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110458	1.0000	0.8488	1	2/03/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110465	1.0000	0.8488	119	1/04/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110466	1.0000	0.8488	468.2	8/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110467	1.0000	0.8488	71.8	21/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110468	1.0000	0.8488	54.06	27/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110470	1.0000	0.8488	123.8	11/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110471	1.0000	0.8488	91.09	11/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110472	1.0000	0.8488	230.46	13/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110473	1.0000	0.8488	45.9	19/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110478	1.0000	0.8488	17.4	23/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110479	1.0000	0.8488	10.4	5/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110480	1.0000	0.8488	14.6	7/10/2015	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110483	1.0000	0.8488	12.95	22/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110484	1.0000	0.8488	12.1	18/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110485	1.0000	0.8488	13.2	23/10/2015	Leased, DelayRental	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310110494	1.0000	0.8488	20	3/12/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110497	1.0000	0.8488	12.7	5/12/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110499	1.0000	0.8488	151.6	19/01/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110502	1.0000	0.8488	1	24/05/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110503	1.0000	0.8488	30.24	28/06/2105	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110504	1.0000	0.8488	1.8	28/06/2105	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110506	1.0000	0.8488	1.01	28/06/2105	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110508	1.0000	0.8488	249.8	24/01/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110516	1.0000	0.8488	65.4	28/04/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110526	1.0000	0.8488	2.4	22/05/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110529	1.0000	0.8488	2.09	20/06/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110532	1.0000	0.8488	1.01	5/06/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110542	1.0000	0.8488	155.5	7/08/2016	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110549	1.0000	0.8148	144.53	3/10/2016	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110552	1.0000	0.8488	0.5	29/09/2016	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110554	1.0000	0.8488	10.7	16/10/2016	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110557	1.0000	0.8488	0.5	11/10/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110561	1.0000	0.8488	76.98	6/09/2016	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110562	1.0000	0.8488	84.1	1/09/2016	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110563	1.0000	0.8488	49.4	20/02/2017	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110564	1.0000	0.8488	7.38	20/12/2016	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110565	1.0000	0.8488	161.1	12/01/2017	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110566	1.0000	0.8488	89.2	11/01/2017	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110568	1.0000	0.8488	123	17/01/2017	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110569	1.0000	0.8488	20	10/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110573	1.0000	0.8488	33.06	17/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110574	1.0000	0.8488	57	9/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110584	1.0000	0.8488	233.8	18/05/2017	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110585	1.0000	0.8488	116.9	28/06/2017	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110586	1.0000	0.8488	52	27/06/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110592	1.0000	0.8488	271.93	13/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110617	1.0000	0.8488	124.14	9/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110620	1.0000	0.8488	95	9/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110625	1.0000	0.8488	98	13/07/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110626	1.0000	0.8488	69.6	22/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110643	1.0000	0.8488	9.7	17/07/2018	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110644	1.0000	0.8148	201.6	10/06/2018	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110645	1.0000	0.8488	242.3	11/06/2018	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110646	1.0000	0.8148	100.3	19/06/2018	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110647	1.0000	0.8488	289.1	21/06/2018	Extended	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110648	1.0000	0.8750	40.56	8/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110649	1.0000	0.8750	307	8/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110650	1.0000	0.8750	40	26/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110651	1.0000	0.8750	126	31/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110652	1.0000	0.8750	133.49	16/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110653	1.0000	0.8750	58.85	14/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110654	1.0000	0.8750	121.2	8/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110655	1.0000	0.8750	170.73	15/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110656	1.0000	0.8750	181.5	14/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110657	1.0000	0.8750	145.96	23/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110658	1.0000	0.8750	47.95	27/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110659	1.0000	0.8750	199.3	22/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110660	1.0000	0.8750	78.2	21/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110661	1.0000	0.8750	210.26	7/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110662	1.0000	0.8750	220.76	10/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110664	1.0000	0.8750	329.48	25/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110665	1.0000	0.8750	110	21/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110666	1.0000	0.8750	143.3	27/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110667	1.0000	0.8750	138.8	5/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110668	1.0000	0.8750	57	6/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110669	1.0000	0.8750	53.6	6/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110670	1.0000	0.8750	52.5	19/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110671	1.0000	0.8750	44.44	3/10/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110672	1.0000	0.8750	81.3	25/10/2022	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130001	1.0000	0.8488	87.5	8/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130002	1.0000	0.8488	11.1	25/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130003	1.0000	0.8488	4.4	24/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130004	1.0000	0.8488	63	21/09/1989	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130005	1.0000	0.8488	107	20/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130006	1.0000	0.8488	3.12	22/10/1989	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130007	1.0000	0.8222	150	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130008	1.0000	0.8488	205	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130009	0.5500	0.8222	88	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130010	0.5500	0.8488	105	31/05/1985	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130011	0.1250	0.7970	4	4/05/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130012	0.2125	0.8488	85	1/03/1986	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130013	0.1250	0.7967	254	5/10/1983	HBP, Producing	Surface BTM Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130014	0.1250	0.7957	178.5	23/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130015	0.1250	0.7970	100	23/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130016	0.1250	0.7957	150	23/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130017	0.1250	0.7957	110	24/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130018	0.1250	0.7970	85	4/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130019	1.0000	0.8488	178.2	4/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130020	0.1250	0.7957	103	4/10/1983	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130021	1.0000	0.8488	100	7/08/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130022A	0.0242	0.8488	273	1/02/1990	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130023	0.0242	0.8083	30	15/12/1989	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130024	0.0242	0.8083	25	15/12/1989	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130025	1.0000	0.8488	50.2	9/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130026	1.0000	0.8488	101.1	2/05/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130027	1.0000	0.8488	6.2	27/10/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130028	1.0000	0.8488	102	10/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130029	1.0000	0.8488	34.6	10/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130030	1.0000	0.8488	52.9	20/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130031	1.0000	0.8488	124	31/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130032	1.0000	0.8488	216	7/11/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130033	1.0000	0.8488	35.6	16/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130034	1.0000	0.8488	129	19/06/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130035	1.0000	0.7881	365	6/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130036	1.0000	0.8488	32.5	19/12/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130037	1.0000	0.8488	133.9	1/08/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130038	1.0000	0.8488	68.8	29/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130039	1.0000	0.8488	13.5	15/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130040	1.0000	0.8488	61.4	1/06/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130041	1.0000	0.8488	27.7	24/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130042	1.0000	0.8488	84.5	22/07/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130043	1.0000	0.8488	164.6	13/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130044	1.0000	0.8488	114.3	13/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130045	1.0000	0.8488	117.8	15/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130046	1.0000	0.8488	198.6	3/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130047	1.0000	0.8488	119	15/09/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130048	1.0000	0.8488	108.9	12/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130049	1.0000	0.8488	100	18/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130050	1.0000	0.8488	38.5	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130051	1.0000	0.8488	52.3	29/11/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130052	1.0000	0.8488	45	18/05/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130053	1.0000	0.8488	85.5	3/05/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130054	1.0000	0.8488	35	18/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130055	1.0000	0.8488	31	27/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130056	1.0000	0.8488	127.2	15/08/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130057	1.0000	0.8488	38.4	16/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130058	1.0000	0.8488	115.9	23/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130059	1.0000	0.8488	72	19/10/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130060	1.0000	0.8488	4.5	1/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130062	1.0000	0.8488	65.5	4/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130063	1.0000	0.8488	160	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130064	1.0000	0.8488	15.77	20/08/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130065	1.0000	0.8222	47.07	14/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130066	1.0000	0.8222	35	11/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130067	1.0000	0.8488	100	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130068	1.0000	0.7881	212.6	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130069	1.0000	0.8488	178.9	7/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130070	1.0000	0.8488	102	6/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130071	1.0000	0.8488	47.4	17/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130072	1.0000	0.8488	64	3/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130073	1.0000	0.8488	97	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130074	1.0000	0.8488	80.2	7/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130075	1.0000	0.8488	180	9/08/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130076	1.0000	0.8488	98	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130077	1.0000	0.8488	2.2	17/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130078	1.0000	0.7275	36.8	14/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130079	1.0000	0.8488	1	24/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130080	1.0000	0.8488	9.4	21/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130081	1.0000	0.8488	2.7	23/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130082	1.0000	0.8488	52.7	21/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130083	1.0000	0.8488	13.3	22/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130084	1.0000	0.8488	29.2	22/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130085	1.0000	0.8488	7.9	24/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130086	1.0000	0.8488	15.6	10/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130087	1.0000	0.8488	34.5	16/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130088	1.0000	0.8488	30	4/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130089	1.0000	0.8488	38.3	27/08/1981	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130090	1.0000	0.8488	11.7	6/02/1982	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130091	1.0000	0.8488	27.7	30/06/1981	HBP, Producing	All Horizons



## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130092	1.0000	0.8488	1	17/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130093	1.0000	0.8488	65.2	15/06/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130094	1.0000	0.8488	20.1	3/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130095	1.0000	0.7275	25	15/06/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130097	1.0000	0.8488	328	28/02/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130098	1.0000	0.7881	147	3/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130099	1.0000	0.8488	12.9	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130100	1.0000	0.7881	91	12/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130101	1.0000	0.8488	96.5	2/12/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130102	1.0000	0.8222	200	20/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130103	1.0000	0.7275	56.4	10/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130104	1.0000	0.8488	25	10/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130105	1.0000	0.8488	9.6	26/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130106	1.0000	0.8488	1	3/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130107	1.0000	0.8488	65.5	9/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130108	1.0000	0.8488	7	16/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130109	1.0000	0.7881	1.5	15/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130110	1.0000	0.7881	10	15/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130111	1.0000	0.7881	28.9	14/11/1975	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130112	1.0000	0.8488	2.6	27/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130113	1.0000	0.7881	8.5	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130114	1.0000	0.8488	3.1	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130115	1.0000	0.8488	11.5	20/02/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130116	1.0000	0.7881	2.9	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130117	1.0000	0.8488	59	28/05/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130118	1.0000	0.8488	72	14/04/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130119	1.0000	0.8488	70.3	11/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130120	1.0000	0.8488	65	16/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130121	1.0000	0.8488	5	12/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130122	1.0000	0.8488	1	10/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130123	1.0000	0.8488	93.6	25/08/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130124	1.0000	0.8488	18.5	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130125	1.0000	0.8488	15	11/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130126	1.0000	0.8488	42	25/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130127	1.0000	0.8488	113.2	30/12/1976	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130128	1.0000	0.8488	20	30/09/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130129	1.0000	0.8488	1.1	27/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130130	1.0000	0.8488	2.8	27/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130131	1.0000	0.8488	1	24/09/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130132	1.0000	0.7881	23.1	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130133	1.0000	0.7881	1	24/05/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130134	1.0000	0.8488	41.3	30/04/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130135	1.0000	0.8222	138.9	29/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130136	1.0000	0.8488	4.58	1/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130137	1.0000	0.7275	19.6	29/11/1981	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130138	1.0000	0.8488	41.06	20/05/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130139	1.0000	0.8222	97	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130140	1.0000	0.8488	6	23/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130141	1.0000	0.8488	46.9	20/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130142	1.0000	0.8488	39.6	21/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130143	1.0000	0.8488	20.3	26/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130144	1.0000	0.8488	62.6	26/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130145	1.0000	0.8488	18.4	26/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130146	1.0000	0.8488	3.8	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130147	1.0000	0.8488	3	30/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130148	1.0000	0.8488	10	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130149	1.0000	0.8488	69.6	8/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130150	1.0000	0.8488	106	2/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130151	1.0000	0.7881	139	10/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130153	1.0000	0.7881	194	6/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130154	1.0000	0.7275	80	9/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130155	1.0000	0.8488	75	26/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130157	1.0000	0.7881	111	3/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130158	1.0000	0.7881	25	4/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130159	1.0000	0.7881	211	3/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130160	1.0000	0.7881	100	10/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130161	1.0000	0.8488	4.7	23/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130162	1.0000	0.8488	45.6	13/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130163	1.0000	0.8488	45	11/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130164	1.0000	0.8222	50	17/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130165	1.0000	0.7881	98	16/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130166	1.0000	0.7881	105	18/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130167	1.0000	0.7881	1.5	5/05/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130168	1.0000	0.7881	96	6/01/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130169	1.0000	0.8488	168	12/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130170	1.0000	0.8488	29.4	22/07/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130171	1.0000	0.8488	2.9	26/10/1989	HBP, Producing	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130172	1.0000	0.8488	21.1	10/11/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130173	1.0000	0.8488	43.8	20/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130174	1.0000	0.8488	3	27/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130175	1.0000	0.8488	40.2	6/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130177	1.0000	0.7881	62	15/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130179	1.0000	0.7881	148	15/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130180	1.0000	0.8488	1.5	21/10/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130181	1.0000	0.7881	77	16/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130182	1.0000	0.8488	81.7	18/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130183	1.0000	0.7881	265	4/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130184	1.0000	0.7881	227	25/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130185	1.0000	0.8488	5.9	24/02/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130186	1.0000	0.7881	197	26/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130187	1.0000	0.8488	14	13/04/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130188	1.0000	0.8488	14	31/03/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130189	1.0000	0.7881	132	10/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130190	1.0000	0.8488	10	4/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130191	1.0000	0.8488	14	15/12/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130192	1.0000	0.8488	4.2	20/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130193	1.0000	0.8488	2.7	20/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130194	1.0000	0.8488	3.7	7/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130195	1.0000	0.7881	203.05	5/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130196	1.0000	0.7881	82.6	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130197	1.0000	0.8488	200	5/04/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130198	1.0000	0.8488	0.53	9/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130199	1.0000	0.8488	2.5	26/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130200	1.0000	0.7881	50	23/02/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130201	1.0000	0.8184	1416	20/08/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130202	1.0000	0.8488	52	8/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130203	1.0000	0.8488	66	12/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130204	1.0000	0.8488	10	17/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130205	1.0000	0.8488	18	6/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130206	1.0000	0.8488	4	15/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130207	1.0000	0.8488	9	5/12/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130208	1.0000	0.7881	124	26/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130209	1.0000	0.7881	10	28/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130210	1.0000	0.8488	76	12/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130211	1.0000	0.8488	273.1	21/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130212	1.0000	0.8488	49	22/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130213	1.0000	0.8222	50	7/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130214	1.0000	0.8222	30	26/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130215	1.0000	0.8488	103.6	22/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130216	1.0000	0.8184	76	7/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130217	1.0000	0.8488	25.6	22/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130218	1.0000	0.8488	50	3/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130219	1.0000	0.7881	196	21/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130220	1.0000	0.8488	1.7	23/04/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130221	1.0000	0.7275	40	14/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130222	1.0000	0.8222	10	19/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130223	1.0000	0.8222	173	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130224	1.0000	0.8222	87	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130225	1.0000	0.8222	5.7	21/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130226	1.0000	0.7881	100	11/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130227	1.0000	0.8222	42	20/06/1974	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130228	1.0000	0.8488	4.6	15/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130229	1.0000	0.8488	35.8	25/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130230	1.0000	0.8488	24.5	18/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130231	1.0000	0.8488	36.7	22/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130232	1.0000	0.8488	41	6/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130233	1.0000	0.8488	1.5	9/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130234	1.0000	0.8184	61.4	25/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130235	1.0000	0.8488	16	14/03/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130236	1.0000	0.8488	1.6	10/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130237	1.0000	0.8222	271	26/07/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130238	1.0000	0.7881	89	13/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130239	1.0000	0.8222	77	28/06/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130240	1.0000	0.8488	108.6	10/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130241	1.0000	0.8488	59.4	10/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130242	1.0000	0.8224	456	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130243	1.0000	0.8488	5.9	20/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130244	1.0000	0.8488	125.3	10/07/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130245	1.0000	0.7881	252	12/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130246	1.0000	0.8488	137	29/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130247	1.0000	0.8488	50	22/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130248	1.0000	0.8488	93.4	31/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130249	1.0000	0.7881	225	15/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130250	1.0000	0.8488	4.7	12/07/1984	HBP, Producing	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130251	1.0000	0.8488	28	22/03/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130252	1.0000	0.8488	22	18/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130253	1.0000	0.8488	5	4/11/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130254	1.0000	0.8488	0.77	18/10/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130255	1.0000	0.8488	4.4	5/11/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130256	1.0000	0.8488	5.7	5/11/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130257	1.0000	0.7881	58	28/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130258	1.0000	0.8488	35.2	11/08/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130259	1.0000	0.8488	18	21/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130260	1.0000	0.8488	1.4	21/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130262	1.0000	0.8222	142	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130263	1.0000	0.8488	2.9	10/07/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130264	1.0000	0.8488	73	18/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130265	1.0000	0.8488	128	30/11/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130266	1.0000	0.8488	71.5	15/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130267	1.0000	0.8222	27.3	7/12/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130268	1.0000	0.8488	87	28/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130269	1.0000	0.8222	2.9	22/12/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130270	1.0000	0.8488	72	16/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130271	1.0000	0.8488	85	9/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130272	1.0000	0.8222	102.5	15/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130273	1.0000	0.8488	33.8	29/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130274	1.0000	0.8488	4.7	30/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130275	1.0000	0.8488	5.3	29/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130276	1.0000	0.8488	9.3	17/03/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130277	1.0000	0.8488	201.4	20/12/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130278	1.0000	0.8488	1	23/05/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130279	1.0000	0.8488	1.64	25/08/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130280	1.0000	0.8488	14.84	28/12/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130281	1.0000	0.8488	72.87	31/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130282	1.0000	0.8222	60	15/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130283	1.0000	0.8488	37.7	8/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130284	1.0000	0.8488	48.3	8/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130285	1.0000	0.8488	17.8	28/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130286	1.0000	0.8488	126.5	15/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130287	1.0000	0.7881	165	15/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130288	1.0000	0.8488	50	28/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130289	1.0000	0.8488	31.3	10/04/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130290	1.0000	0.8488	34	24/04/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130291	1.0000	0.8488	25	31/08/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130292	1.0000	0.8488	43	20/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130293	1.0000	0.8488	55	7/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130294	1.0000	0.8488	133.3	22/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130295	1.0000	0.7881	62.5	24/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130296	1.0000	0.7881	136	21/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130297	1.0000	0.8488	32.4	28/04/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130298	1.0000	0.8488	19.6	17/08/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130299	1.0000	0.8488	2	2/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130300	1.0000	0.8488	10	27/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130301	1.0000	0.8488	1	4/12/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130304	1.0000	0.8222	60	31/05/1974	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130305	1.0000	0.8222	215	31/05/1974	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130306	1.0000	0.8488	3.5	18/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130307	1.0000	0.8488	2	10/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130308	1.0000	0.8488	19.8	25/03/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130309	1.0000	0.7881	191	28/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130310	1.0000	0.7881	90	8/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130311	1.0000	0.8488	3	7/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130312	1.0000	0.8488	10.6	16/06/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130313	1.0000	0.8488	1.7	16/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130314	1.0000	0.8488	116	11/04/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130315	1.0000	0.7881	135	14/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130316	1.0000	0.8488	96.879	18/07/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130317	1.0000	0.8488	3	5/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130318	1.0000	0.8488	2	3/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130319	1.0000	0.8222	242	31/05/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130320	1.0000	0.8222	20	19/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130321	1.0000	0.8222	50	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130322	1.0000	0.8184	146	7/05/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130323	1.0000	0.8488	281.7	12/02/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130324	1.0000	0.8222	250	14/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130325	1.0000	0.8222	38.2	20/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130326	1.0000	0.8488	2.3	22/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130327	1.0000	0.8488	257	16/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130328	1.0000	0.8488	53.4	7/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130329	1.0000	0.8488	75	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130330	1.0000	0.7957	56	11/01/1984	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

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

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130411	1.0000	0.8488	37	13/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130414	1.0000	0.8488	43	29/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130415	1.0000	0.8488	0.49	31/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130416	1.0000	0.8488	321.3	26/10/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130417	1.0000	0.8488	20.2	16/06/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130418	1.0000	0.8488	50	17/04/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130419	1.0000	0.8488	17.8	10/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130420	1.0000	0.8488	85	15/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130421	1.0000	0.8488	3	31/03/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130422	1.0000	0.8488	1.5	8/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130423	1.0000	0.8488	31.2	10/07/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130424	1.0000	0.8488	126	20/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130425	1.0000	0.8488	15	31/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130426	1.0000	0.8488	11	28/02/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130427	1.0000	0.8222	204	14/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130428	1.0000	0.8222	36	14/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130429	1.0000	0.7881	201	19/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130430	1.0000	0.8488	79.3	15/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130431	1.0000	0.8488	80	28/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130432	1.0000	0.8222	50	5/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130433	1.0000	0.8488	7	4/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130434	1.0000	0.8488	8.7	23/02/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130435	1.0000	0.8488	24	7/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130436	1.0000	0.8488	43.8	8/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130437	1.0000	0.7881	174	3/11/1981	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310130438	1.0000	0.8488	27.9	19/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130439	1.0000	0.8488	4.3	24/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130440	1.0000	0.8488	7.9	9/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130441	1.0000	0.8488	5.9	6/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130442	1.0000	0.8488	2	3/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130443	1.0000	0.8488	5.1	26/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130444	1.0000	0.8488	3.6	25/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130445	1.0000	0.8488	24.4	28/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130446	1.0000	0.7881	44	24/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130447	1.0000	0.8222	170	14/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130449	1.0000	0.7881	68	18/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130450	1.0000	0.8488	0.3	30/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130451	1.0000	0.8488	18	4/10/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130452	1.0000	0.8488	31	11/06/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130453	1.0000	0.8488	71.5	30/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130454	1.0000	0.8488	20	21/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130455	1.0000	0.8488	160	23/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130456	1.0000	0.8488	6	14/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130457	1.0000	0.8488	70	5/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130458	1.0000	0.8488	107	5/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130459	1.0000	0.8488	2	19/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130460	1.0000	0.8488	2.8	27/09/1979	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130461	1.0000	0.8488	10	1/06/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130462	1.0000	0.8488	361	28/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130463	1.0000	0.8488	268.8	30/05/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130464	1.0000	0.8488	58	27/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130465	1.0000	0.7881	255	13/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130466	1.0000	0.8488	29	29/12/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130467	1.0000	0.8488	23.6	28/10/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130468	1.0000	0.8488	34.9	8/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130469	1.0000	0.8488	1	14/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130472	1.0000	0.8488	4	2/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130473	1.0000	0.8488	8.5	5/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130474	1.0000	0.8488	1.3	10/11/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130475	1.0000	0.8488	140.73	6/01/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130476	1.0000	0.8488	13.6	3/09/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130477	1.0000	0.8488	4	8/10/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130478	1.0000	0.8488	1	5/08/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130479A	1.0000	0.8222	287	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130480	1.0000	0.8222	212	21/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130481	1.0000	0.8488	32	23/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130482	1.0000	0.8222	46.2	20/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130483	1.0000	0.8488	291.9	10/09/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130484	1.0000	0.7881	194	3/09/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130485	1.0000	0.8488	101.75	26/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130486	1.0000	0.8184	50.4	6/09/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130487	1.0000	0.8488	75.5	28/04/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130488	1.0000	0.8488	6.1	23/09/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130489	1.0000	0.8488	6.4	30/01/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130490	1.0000	0.8488	18	30/01/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130492	1.0000	0.8488	123.9	12/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130493	1.0000	0.8222	199	21/08/1984	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130494	1.0000	0.8222	198	13/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130495	1.0000	0.8488	34.3	3/05/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130496	1.0000	0.8488	27.5	11/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130497	1.0000	0.8488	55.3	21/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130498	1.0000	0.8488	20	13/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130499	1.0000	0.8488	2.3	11/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130500	1.0000	0.8488	46.1	11/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130501	1.0000	0.8488	50	11/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130502	1.0000	0.8488	89.6	7/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130509	1.0000	0.8488	9.5	25/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130520	1.0000	0.8488	7	30/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130521	1.0000	0.8488	7.4	30/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130522	1.0000	0.8488	15	17/02/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130523	1.0000	0.8488	41.6	18/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130524	1.0000	0.8488	28	8/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130525	1.0000	0.8222	100	26/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130526	1.0000	0.8222	10.1	10/07/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130527	1.0000	0.7881	119	18/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130528	1.0000	0.7881	58	27/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130529	1.0000	0.8488	55.5	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130530	1.0000	0.8488	138	31/12/1990	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310130531	1.0000	0.7881	403.5	18/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130532	1.0000	0.7881	20	5/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130533	1.0000	0.8488	2.5	8/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130534	1.0000	0.8488	1	3/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130535	1.0000	0.8488	0.756	8/06/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130536	1.0000	0.8488	44	13/05/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130537	1.0000	0.8488	59	4/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130538	1.0000	0.8488	10	16/01/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130539	1.0000	0.8488	7.7	3/11/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130540	1.0000	0.7881	90	21/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130541	1.0000	0.7881	10	19/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130543	1.0000	0.8488	116.6	17/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130544	1.0000	0.7881	34	19/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130545	1.0000	0.7881	10	30/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130546	1.0000	0.7881	10	19/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130547	1.0000	0.7881	18.5	19/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130548	1.0000	0.8222	124	18/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130549	1.0000	0.8222	179	30/05/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130550	1.0000	0.8488	3	28/02/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130551	1.0000	0.8488	120	9/01/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130552	1.0000	0.7881	321	12/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130553	1.0000	0.8488	103.5	15/11/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130554	1.0000	0.8488	182.5	5/06/2001	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130555	1.0000	0.8488	47.8	11/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130556	1.0000	0.8488	8	19/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130557	1.0000	0.8488	1	6/05/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130558	1.0000	0.8488	2.4	10/03/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130559	1.0000	0.8488	7.7	18/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130560	1.0000	0.7881	214	21/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130561	1.0000	0.8488	24.8	7/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130562	1.0000	0.8488	6.7	23/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130563	1.0000	0.8488	5.23	23/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130564	1.0000	0.8488	3.8	14/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130565	1.0000	0.8488	19.9	12/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130566	1.0000	0.8488	1.5	6/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130567	1.0000	0.8488	9.7	5/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130568	1.0000	0.8488	6	24/07/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130569	1.0000	0.8488	5.2	12/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130570	1.0000	0.8222	410	13/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130571	1.0000	0.8222	50	21/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130573	1.0000	0.8488	113.2	13/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130574	1.0000	0.7881	117	29/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130575	1.0000	0.7881	136	29/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130576	1.0000	0.8488	9	31/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130577	1.0000	0.7881	280	11/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130578	1.0000	0.8488	0.603	17/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130579	1.0000	0.7881	155	29/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130580	1.0000	0.8488	1	2/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130581	1.0000	0.8488	1	9/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130582	1.0000	0.7881	159	9/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130583	1.0000	0.8488	1	12/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130585	1.0000	0.8488	32.5	7/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130586	1.0000	0.8184	60	4/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130587	1.0000	0.8488	132	15/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130588	1.0000	0.8488	174.6	19/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130589	1.0000	0.8488	0.76	28/08/1987	HBP, Producing	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130590	1.0000	0.8488	33.4	8/06/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130591	1.0000	0.8488	31.1	29/03/1979	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130592	1.0000	0.8488	32.3	24/04/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130593	1.0000	0.8488	19.1	22/10/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130594	1.0000	0.8488	17.4	24/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130595	1.0000	0.8488	46	7/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130596	1.0000	0.8488	41.4	15/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130597	1.0000	0.8488	14.5	24/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130598	1.0000	0.8488	170	31/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130599	1.0000	0.8488	60	22/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130600	1.0000	0.8488	61.1	14/08/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130601	1.0000	0.7881	60	5/01/1974	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130602	1.0000	0.8488	68.2	8/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130603	1.0000	0.8488	12.3	18/04/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130604	1.0000	0.8488	20	13/10/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130605	1.0000	0.8488	5	18/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130606	1.0000	0.8488	20	14/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130607	1.0000	0.8488	15	24/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130608	1.0000	0.8488	26.9	10/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130609	1.0000	0.8488	25	11/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130610	1.0000	0.8488	28.7	10/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130611	1.0000	0.8488	44	8/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130612	1.0000	0.8488	7.2	1/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130613	1.0000	0.8488	60.4	8/08/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130614	1.0000	0.8488	38.2	24/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130615	1.0000	0.8488	38.2	28/02/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130616	1.0000	0.8488	109.9	15/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130617	1.0000	0.8488	142.6	26/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130618	1.0000	0.8488	3	18/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130619	1.0000	0.8488	28	25/07/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130620	1.0000	0.8488	74	2/07/2020	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130621	1.0000	0.8488	50	10/09/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130622	1.0000	0.8488	35	11/11/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130623	1.0000	0.8488	326	13/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130624	1.0000	0.7881	194	9/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130625	1.0000	0.7881	83	9/10/1973	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130626	1.0000	0.8488	1	8/07/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130627	1.0000	0.8488	4.5	27/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130628	1.0000	0.8222	283	22/08/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130629	1.0000	0.7275	190.3	25/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130630	1.0000	0.8488	1	13/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130631	1.0000	0.8488	0.53	13/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130632	1.0000	0.7881	44	11/12/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130633	1.0000	0.8488	23.1	30/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130634	1.0000	0.8488	47.4	30/09/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130635	1.0000	0.8488	1.13	17/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130636	1.0000	0.8488	1.5	23/09/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130637	1.0000	0.8488	25.5	30/09/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130638	1.0000	0.7881	160	24/05/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130639	1.0000	0.8488	21.9	11/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130640	1.0000	0.7881	100	3/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130641	1.0000	0.7881	185	9/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130642	1.0000	0.8488	77.5	29/01/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130643	1.0000	0.8488	76.6	27/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130644	1.0000	0.8488	6	6/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130645	1.0000	0.8222	200	26/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130646	1.0000	0.8488	7	18/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130647	1.0000	0.8488	60.61	13/04/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130648	1.0000	0.8488	294	24/10/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130649	1.0000	0.8488	22.93	11/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130650	1.0000	0.8488	217	29/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130651	1.0000	0.8488	272	29/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130652	1.0000	0.8488	1.26	27/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130653	1.0000	0.8488	0.34	8/01/2002	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130654	1.0000	0.8488	78	11/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130655	1.0000	0.8488	10.98	16/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130656	1.0000	0.8222	48	2/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130657	1.0000	0.8488	56.2	22/07/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130658	1.0000	0.8488	64.1	28/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130659	1.0000	0.8488	75	2/12/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130660	1.0000	0.8184	18.3	22/01/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130664	1.0000	0.8488	131	26/06/1989	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130665	1.0000	0.8488	93	26/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130666	1.0000	0.8488	50	1/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130667	1.0000	0.8488	86	10/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130668	1.0000	0.7275	21	20/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130669	1.0000	0.8488	73	22/03/1989	HBP, Producing	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130670	1.0000	0.8488	147.2	29/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130671	1.0000	0.8488	73	28/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130672	1.0000	0.8488	86.8	29/05/1980	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130673	1.0000	0.8488	35.5	13/05/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130674	1.0000	0.8488	50	13/01/1988	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310130675	1.0000	0.8488	6.3	10/06/1983	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130676	1.0000	0.8488	6.7	10/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130677	1.0000	0.8488	1.8	9/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130678	1.0000	0.8488	4.5	8/06/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130679	1.0000	0.7881	63	30/09/1983	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310130680	1.0000	0.8488	8.4	3/01/1982	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130681	1.0000	0.8488	13.2	18/06/1982	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130682	1.0000	0.8488	7.7	29/05/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130683	1.0000	0.8488	21.1	7/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130684	1.0000	0.8488	358.4	27/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130685	1.0000	0.8488	1.24	9/10/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130686	1.0000	0.8488	69.4	7/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130687	1.0000	0.7881	177	10/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130688	1.0000	0.8488	1	13/08/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130689	1.0000	0.8488	80.7	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130690	1.0000	0.7881	66.5	14/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130691	1.0000	0.8488	43.7	1/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130692	1.0000	0.8488	63.6	1/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130693	1.0000	0.8488	17	8/08/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130694	1.0000	0.8488	11	27/07/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130695	1.0000	0.8488	50	24/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130696	1.0000	0.7881	59	18/07/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130697	1.0000	0.8360	86	16/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130698	1.0000	0.8488	7.8	28/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130699	1.0000	0.8488	3.4	31/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130700	1.0000	0.8488	28.7	28/10/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130701	1.0000	0.8488	111.4	12/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130702	1.0000	0.8488	1.46	15/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130704	1.0000	0.7881	40	17/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130705	1.0000	0.8488	1.4	25/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130706	1.0000	0.8488	0.85	8/01/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130707	1.0000	0.8488	152.7	17/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130708	1.0000	0.8488	303.2	20/04/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130709	1.0000	0.8488	46.7	10/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130710	1.0000	0.8488	0.75	1/12/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130711	1.0000	0.8488	4.5	5/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130712	1.0000	0.8488	0.6	31/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130713	1.0000	0.8488	1.9	1/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130714	1.0000	0.8488	2.1	30/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130715	1.0000	0.8488	0.5	2/02/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130716	1.0000	0.8488	0.5	18/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130717	1.0000	0.8488	28	10/06/1983	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130718	1.0000	0.8488	1	6/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130719	1.0000	0.8488	7.4	14/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130720	1.0000	0.8488	4.1	7/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130721	1.0000	0.8488	4.7	6/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130722	1.0000	0.8488	19	13/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130723	1.0000	0.8488	72.5	10/06/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130724	1.0000	0.8488	22.17	12/03/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130725	1.0000	0.8488	168	2/08/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130726	1.0000	0.7881	336	10/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130728	1.0000	0.8488	151.8	10/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130729	1.0000	0.7881	18.5	19/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130730	1.0000	0.7881	36	17/03/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130731	1.0000	0.7881	492.3	18/04/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130732	1.0000	0.8488	6	14/01/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130733	1.0000	0.8488	1	3/05/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130734	1.0000	0.8488	2.2	1/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130735	1.0000	0.8488	2.2	6/04/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130736	1.0000	0.8488	60	30/06/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130739	1.0000	0.8488	26.9	12/10/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130740	1.0000	0.8488	85	25/09/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130741	1.0000	0.8488	104	5/06/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130742	1.0000	0.8488	5	6/01/1980	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130743	1.0000	0.8488	5	9/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130744	1.0000	0.8488	9	30/08/1979	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130745	1.0000	0.8488	13.5	31/08/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130746	1.0000	0.8488	19.3	16/07/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130750	1.0000	0.7881	319	10/10/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130751	1.0000	0.8488	129.4	19/01/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130752	1.0000	0.8488	96	28/08/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130754	1.0000	0.8488	131	28/03/1981	HBP, Producing	All Horizons



## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NR1</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130755	1.0000	0.8222	68	28/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130756	1.0000	0.8488	18.3	24/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130757	1.0000	0.7881	18	29/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130758A	1.0000	0.8488	63.3	18/09/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130760	1.0000	0.8488	100.1	13/09/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130761	1.0000	0.8488	60	28/08/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130762	1.0000	0.8222	239	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130763	1.0000	0.8488	10.2	12/01/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130764	1.0000	0.8222	197	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130765	1.0000	0.8222	27	19/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130766	1.0000	0.8222	268	15/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130767	1.0000	0.8222	49	20/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130768	1.0000	0.8488	99	3/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130770	1.0000	0.8488	87.7	13/06/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130771	1.0000	0.8184	32	4/10/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130772	1.0000	0.8488	7.4	27/01/2003	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130773	1.0000	0.8488	3.8	22/04/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130774	1.0000	0.7881	112	13/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130775	1.0000	0.8488	5	9/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130776	1.0000	0.8488	2	11/10/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130777	1.0000	0.8488	20.6	2/12/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130778	1.0000	0.8488	10	22/10/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130779	1.0000	0.7881	28.5	24/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130780	1.0000	0.7881	143	16/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130781	1.0000	0.8488	81	21/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130783	1.0000	0.8488	1	14/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130784	1.0000	0.8488	1	17/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130785	1.0000	0.8488	1	22/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130786	1.0000	0.8488	1	14/12/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130787	1.0000	0.8488	1	8/12/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130788	1.0000	0.8488	43.2	21/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130789	1.0000	0.8488	123.9	19/05/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130790	1.0000	0.8488	174.4	19/12/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130791	1.0000	0.8488	17.5	18/12/1981	HBP, Producing	Restricted Depths
NY	O&G	Empire Energy E&P, LLC	310130792	1.0000	0.8488	25.6	6/11/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130793	1.0000	0.8488	8.92	17/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130794	1.0000	0.8488	44	11/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130795	1.0000	0.8488	2.5	10/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130796	1.0000	0.8488	2.8	12/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130797	1.0000	0.8488	2.8	10/07/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130798	1.0000	0.7881	26	23/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130799	1.0000	0.7881	91	6/08/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130800	1.0000	0.8488	21.936	21/03/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130802	1.0000	0.8095	1	29/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130803	1.0000	0.8095	9.8	29/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130804	1.0000	0.8488	149.7	2/07/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130805	1.0000	0.7881	41	18/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130807	1.0000	0.7881	10	9/01/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130808	1.0000	0.8488	8.2	16/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130809	1.0000	0.8488	2	3/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130810	1.0000	0.8488	1.5	12/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130811	1.0000	0.8488	1.3	20/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130812	1.0000	0.7881	1185	19/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130813	1.0000	0.8488	538	19/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130814	1.0000	0.8488	1	9/05/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130815	1.0000	0.8488	2.7	23/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130816	1.0000	0.8488	0.83	23/09/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130817	1.0000	0.8488	8.1	30/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130818	1.0000	0.8488	3	20/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130819	1.0000	0.8488	2	7/11/2001	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130820	1.0000	0.8488	54.3	6/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130821	1.0000	0.8488	17.82	17/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130822	1.0000	0.8488	18	29/05/1977	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130824	1.0000	0.8488	22	7/11/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130825	1.0000	0.8488	2.3	7/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130826	1.0000	0.8488	10	30/11/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130828	1.0000	0.8488	3.3	16/04/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130829	1.0000	0.8488	35	28/09/1986	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130830	1.0000	0.8488	35	28/09/1986	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130831	1.0000	0.7544	119.9	1/10/1986	HBP, Producing	Surface BTM Queenstn
NY	O&G	Empire Energy E&P, LLC	310130832	1.0000	0.8184	160	15/06/1974	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130833	1.0000	0.8488	133.1	12/07/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130834	1.0000	0.8488	8	14/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130835	1.0000	0.8488	7.3	12/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130836	1.0000	0.8488	7.4	14/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130837	1.0000	0.8488	4.5	14/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130838	1.0000	0.8488	30	18/07/1990	HBP, Producing	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310130839	1.0000	0.8488	6.2	16/07/1981	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130840	1.0000	0.8488	1	26/03/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130841	1.0000	0.8488	36	24/06/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130842	1.0000	0.8488	68	27/09/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130843	1.0000	0.8488	1	1/05/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130844	1.0000	0.8488	3	25/07/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130845	1.0000	0.8488	49.44	25/05/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130846	1.0000	0.8488	5	23/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130848	1.0000	0.8488	160	13/06/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310130852	1.0000	0.8488	58.3	26/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130853	1.0000	0.8488	3	13/07/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130854	1.0000	0.8488	41.528	18/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130855	1.0000	0.8488	0.972	18/06/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130856	1.0000	0.8488	55	22/10/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130857	1.0000	0.8488	100	17/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130858	1.0000	0.8488	139.9	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130859	1.0000	0.8488	7.8	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130860	1.0000	0.8488	10	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130861	1.0000	0.8488	2	21/12/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130862	1.0000	0.8488	11.6	22/11/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130863	1.0000	0.8488	3	21/12/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130864	1.0000	0.8488	36.2	10/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130865	1.0000	0.8488	1.83	10/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130866	1.0000	0.8488	4.3	10/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130867	1.0000	0.8488	5.8	1/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130868	1.0000	0.8488	19.9	9/02/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130869	1.0000	0.8488	4	26/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130870	1.0000	0.8488	102.7	28/03/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130871	1.0000	0.8488	39.7	31/05/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130872	1.0000	0.8488	32.5	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130873	1.0000	0.8488	0.88	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130874	1.0000	0.8488	2.5	3/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130875	1.0000	0.8488	1.05	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130876	1.0000	0.8488	0.93	1/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130877	1.0000	0.8488	123	26/06/1989	HBP, Producing	Surface Top Onondga
NY	O&G	Empire Energy E&P, LLC	310130878	1.0000	0.8488	2	26/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130879	1.0000	0.8488	29.4	9/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130880	1.0000	0.8488	15.2	14/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130881	1.0000	0.8488	8.2	7/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130882	1.0000	0.8488	1.8	14/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130883	1.0000	0.8488	0.3	16/06/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130884	1.0000	0.8488	12.2	7/03/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130885	1.0000	0.8488	100	16/08/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130886	1.0000	0.8488	47	4/10/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130887	1.0000	0.8488	15	4/09/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130888	1.0000	0.8488	10	29/08/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130889	1.0000	0.8488	1	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130890	1.0000	0.8488	5	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130891	1.0000	0.8488	2	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130892	1.0000	0.8488	7	11/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310130893	1.0000	0.8488	3.81	15/12/1991	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130894	1.0000	0.8488	23.58	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130895	1.0000	0.8488	13.92	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130896	1.0000	0.8488	31.28	23/08/1991	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130897	1.0000	0.8488	8.72	5/09/1991	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130898	1.0000	0.8488	40	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130899	1.0000	0.8488	40	13/07/1990	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130900	1.0000	0.8488	46.5	13/07/1990	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130901	1.0000	0.8488	54	8/03/1992	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310130903	1.0000	0.8488	385.24	31/07/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131025	0.2279	0.8012	117	25/06/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131026	0.2279	0.8012	14	16/01/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131027	0.2279	0.8012	28.3	25/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131028	0.2279	0.8488	169	10/10/1987	HBP, Producing	Shallow Above 5k FT
NY	O&G	Empire Energy E&P, LLC	310131029A	1.0000	0.8012	105	18/03/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131030	0.2280	0.8488	2	12/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131031	1.0000	0.8488	48.5	16/10/1988	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131032	1.0000	0.8488	33.4	7/05/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131033	1.0000	0.8488	363	24/02/1983	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131034	0.2282	0.8488	1.1	12/07/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131035	1.0000	0.8488	58	25/06/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131050	1.0000	0.8488	340	6/04/1985	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310131051	1.0000	0.7396	100	12/09/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131053	1.0000	0.7984	9.1	28/02/1999	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131054	1.0000	0.7984	3	21/02/1999	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131056	1.0000	0.8184	272	9/11/1981	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131057	1.0000	0.7984	25	31/05/1992	HBP, Producing	100% Shallow 50%Deep

EMPIRE ENERGY GROUP LIMITED - OIL & GAS TENEMENTS (USA)

Contract /Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310131058	0.8750	0.8089	46.8	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131059	1.0000	0.7881	26.8	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131060	1.0000	0.8488	368.4	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131061	0.2000	0.7769	226	31/05/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131062	1.0000	0.7957	0.331	24/07/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131063	1.0000	0.8463	117	17/09/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131064	1.0000	0.8428	35.19	18/03/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131065	1.0000	0.8457	18.095	5/04/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131066	0.1250	0.8094	2	16/06/1993	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131068	0.8749	0.7959	1.75	27/06/1993	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131069	0.8750	0.8153	24	25/12/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131070	0.8760	0.8153	0.5	5/08/1993	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131071	0.1250	0.7922	31.4	19/05/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131072	0.8750	0.8098	12.8	2/12/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131073	0.4813	0.7989	6	28/04/1987	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131074	0.2000	0.7841	52.6	27/03/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131075	0.4813	0.7989	12	30/07/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131076	0.4375	0.8207	183.17	1/08/1991	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131079	1.0000	0.7984	80	12/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131080	1.0000	0.7957	252	13/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131081	1.0000	0.7957	232	13/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131082	1.0000	0.7957	272	13/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131083	1.0000	0.7957	120	13/10/1973	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131084	0.4813	0.7989	147	14/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131085	1.0000	0.7957	134	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131086	1.0000	0.7957	218	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131087	1.0000	0.7957	94	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131088	1.0000	0.7957	154	16/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131089	1.0000	0.7957	120	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131090	1.0000	0.7989	138	10/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131091	0.2000	0.7957	135	10/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131092	0.1250	0.7957	107	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131093	1.0000	0.8488	138	11/10/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131094	0.2000	0.7785	100	11/10/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131095	1.0000	0.7957	333.8	11/10/1975	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131096	1.0000	0.7957	238	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131097	1.0000	0.7957	215	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131098	1.0000	0.7984	250	11/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131099	0.2000	0.7841	65	12/01/1973	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131100	0.8750	0.7957	170	12/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131101	1.0000	0.7957	187	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131102	1.0000	0.7957	178	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131103	1.0000	0.7957	187	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131104	0.4815	0.8479	108.69	17/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131105	1.0000	0.7957	175	30/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131106	1.0000	0.7957	26.448	31/10/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131107	1.0000	0.7984	130	31/10/1977	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131108	0.2125	0.7760	165	1/11/1982	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131109	0.8750	0.7959	200	10/09/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131110	0.1250	0.7957	213	5/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131112	0.1250	0.8094	75	20/12/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131113	1.0000	0.7957	156	24/10/1985	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131114	0.8750	0.7959	100	22/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131115	0.8750	0.7957	220	23/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131116	0.8750	0.7957	122	23/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131117	0.1250	0.7922	80	4/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131118	0.8750	0.8153	144	31/12/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131119	1.0000	0.8429	229.86	11/05/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131120	1.0000	0.8429	182	8/05/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131121	1.0000	0.7881	216	10/05/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131122	0.1250	0.8488	318	11/05/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131123	0.1250	0.8222	74	26/10/1983	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310131125	1.0000	0.9700	54	20/01/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131127	0.2500	0.8488	87.5	30/03/2000	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131131	1.0000	0.8488	4	1/11/1985	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131133	1.0000	0.8488	49.65	30/11/1981	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310131134	1.0000	0.8488	6.3	31/03/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131135	1.0000	0.8488	3.8	31/01/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131136	1.0000	0.9700	38	24/01/1987	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131137	1.0000	0.9700	44	13/04/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310131138	1.0000	0.8488	50	21/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131139	1.0000	0.8488	120	23/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131140	1.0000	0.8488	89.5	23/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131141	1.0000	0.8488	190	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131142	1.0000	0.8488	14	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131143	1.0000	0.8488	200	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131144	1.0000	0.8488	113	26/10/1982	HBP, Producing	Surface Top Queenstn





















## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310131840	1.0000	0.8488	2	2/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131841	1.0000	0.8488	60	19/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131842	1.0000	0.8488	3	18/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131843	1.0000	0.8488	48	21/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131844	1.0000	0.8488	5	29/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131845	1.0000	0.8488	4	25/10/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131846	1.0000	0.8488	215	10/11/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131847	1.0000	0.8488	16	7/12/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131848	1.0000	0.8488	8	7/12/2075	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131849	1.0000	0.8488	34	8/12/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131850	1.0000	0.8488	80	21/01/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131851	1.0000	0.8488	18	8/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131852	1.0000	0.8488	56	14/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131853	1.0000	0.8488	60	26/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131854	1.0000	0.8488	99	7/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131855	1.0000	0.8488	2	17/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131856	1.0000	0.8488	2	25/04/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131857	1.0000	0.8488	20	26/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131858	1.0000	0.8488	31	25/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131859	1.0000	0.8488	111	23/05/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131860	1.0000	0.8488	88	25/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131861	1.0000	0.8488	58	28/06/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131862	1.0000	0.8488	6	11/07/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131863	1.0000	0.8488	16	8/09/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131864	1.0000	0.8488	44	18/10/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131865	1.0000	0.8488	10	30/11/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131866	1.0000	0.8488	35	10/12/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131867	1.0000	0.8488	2	1/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131868	1.0000	0.8488	1	25/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131869	1.0000	0.8488	3	28/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131870	1.0000	0.8488	3	24/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131871	1.0000	0.8488	2	24/05/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131872	1.0000	0.8488	48	23/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131873	1.0000	0.8488	26	3/04/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131874	1.0000	0.8488	120	23/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131875	1.0000	0.8488	102	15/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131876	1.0000	0.8488	4	26/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131877	1.0000	0.9700	17	11/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131878	1.0000	0.8488	21	17/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131879	1.0000	0.9700	56	31/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131880	1.0000	0.9700	63	26/04/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131881	1.0000	0.9700	30	10/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131882	1.0000	0.8488	23	28/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131883	1.0000	0.8488	188	26/02/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131884	1.0000	0.9700	130	26/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131885	1.0000	0.8488	55	17/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131886	1.0000	0.8488	70	21/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131887	1.0000	0.8488	53.7	11/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131888	1.0000	0.9700	151	13/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131889	0.4500	0.7881	62	2/11/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131890	1.0000	0.9700	71	4/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131891	1.0000	0.8488	30	7/02/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131892	1.0000	0.8488	51.4	19/08/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131893	1.0000	0.8488	175	22/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131894	1.0000	0.9700	25	9/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131895	1.0000	0.8488	33	18/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131896	1.0000	0.8488	400	19/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131897	1.0000	0.8488	36	18/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131898	1.0000	0.8488	47	26/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131899	1.0000	0.9700	102	15/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131900	1.0000	0.9700	35	22/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131901	0.9450	0.8488	30	4/12/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131902	1.0000	0.8488	85.11	2/05/1969	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131903	1.0000	0.8488	74.9	21/05/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131904	1.0000	0.8488	81	2/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131905	1.0000	0.8457	13.4	3/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131906	1.0000	0.8488	80	5/09/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131907	1.0000	0.8488	13.2	3/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131908	1.0000	0.9700	39	27/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131909	1.0000	0.9700	32	16/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131910	1.0000	0.8488	32	26/07/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131911	1.0000	0.8488	22	23/09/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131912	1.0000	0.8488	100	2/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131913	1.0000	0.8488	9.6	3/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131914	1.0000	0.8488	10	11/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131915	1.0000	0.8488	10	11/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131916	1.0000	0.8488	50	11/05/1984	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

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

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310131996	1.0000	0.8488	100	30/07/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131997	1.0000	0.8488	139	25/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131998	1.0000	0.8488	38.3	17/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310131999	1.0000	0.8488	31.8	30/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132000	1.0000	0.8488	6.9	28/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132001	1.0000	0.8488	8.9	28/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132002	1.0000	0.8488	36.1	2/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132003	1.0000	0.8488	35.4	26/09/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132004	1.0000	0.8488	8	22/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132005	1.0000	0.8488	61	30/04/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132006	1.0000	0.8488	52	5/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132007	1.0000	0.8488	148	30/04/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132008	1.0000	0.8488	176	30/04/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132009	1.0000	0.8488	65	6/03/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132010	1.0000	0.8488	41	13/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132011	1.0000	0.8488	16.4	7/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132012	1.0000	0.8488	36	15/11/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132013	1.0000	0.8488	117	8/11/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132014	1.0000	0.8488	74.2	10/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132015	1.0000	0.8488	50	10/10/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132016	1.0000	0.8488	23	9/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132017	1.0000	0.8488	13	25/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132018	1.0000	0.8488	3	10/06/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132019	1.0000	0.8488	10.3	22/08/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132020	1.0000	0.8488	2.9	20/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132021	1.0000	0.8488	11.8	20/07/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132022	1.0000	0.8488	3.6	5/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132023	1.0000	0.8488	4.3	21/02/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132024	1.0000	0.8488	9	21/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132025	1.0000	0.8488	15.6	15/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132026	1.0000	0.8488	30	12/06/1975	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132028	1.0000	0.8488	48	12/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132029	1.0000	0.8488	16	7/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132030	1.0000	0.8488	10	6/01/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132031	1.0000	0.8488	26	18/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132032	1.0000	0.8488	18	11/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132033	1.0000	0.8488	54	8/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132034A	1.0000	0.8488	36	20/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132035A	1.0000	0.8488	27	14/12/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132036	1.0000	0.8488	172	18/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132037	1.0000	0.8488	70	19/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132038	1.0000	0.8488	73	9/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132039	1.0000	0.8488	60	25/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132040	1.0000	0.8488	62	25/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132041	1.0000	0.8488	25	17/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132042	1.0000	0.8488	86	6/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132043	1.0000	0.8488	28	5/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132044	1.0000	0.8488	205	5/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132045	1.0000	0.8488	13	7/05/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132046	1.0000	0.8488	93	22/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132047	1.0000	0.8488	105	14/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132048	1.0000	0.8488	37	19/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132049	1.0000	0.8488	100	14/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132050	1.0000	0.8488	66	19/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132051	1.0000	0.8488	33	28/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132052	1.0000	0.8488	72	28/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132053	1.0000	0.8488	82	26/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132054	1.0000	0.8488	15	10/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132055	1.0000	0.8488	8	9/03/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132056	1.0000	0.8488	1	28/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132057	1.0000	0.8488	10	28/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132058	1.0000	0.8488	10	6/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132059	1.0000	0.9700	53	2/10/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132060	1.0000	0.8488	13	14/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132061	1.0000	0.8488	143.5	23/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132062	1.0000	0.8488	4.5	2/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132063	1.0000	0.8488	16.5	30/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132064	1.0000	0.8488	17	12/05/1985	HBP, Producing	Shallow Only Unspcfd
NY	O&G	Empire Energy E&P, LLC	310132065	1.0000	0.8488	31.6	6/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132066	1.0000	0.8488	3.8	15/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132067	1.0000	0.8488	4.4	15/11/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132068	1.0000	0.8488	14	7/10/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132069	1.0000	0.8488	78.6	30/03/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132070	1.0000	0.8488	52.5	28/09/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132071	1.0000	0.8488	8	27/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132072	1.0000	0.9700	75	24/02/1968	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132073	1.0000	0.9700	100	23/06/1966	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310132074	1.0000	0.9094	115	6/07/1966	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132075	1.0000	0.9094	141	9/06/1966	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132076	1.0000	0.9700	90	23/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132077	1.0000	0.9700	154	24/01/1968	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132078	1.0000	0.8488	6	29/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132079	1.0000	0.9700	52	15/11/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132080	1.0000	0.8488	85	17/04/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132081	1.0000	0.8488	86	13/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132082	1.0000	0.8488	7	19/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132083	1.0000	0.8488	8	14/08/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132084	1.0000	0.8488	63	16/11/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132085	1.0000	0.8488	50	6/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132086	1.0000	0.8488	84	24/11/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132087	1.0000	0.8488	80	24/09/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132088	1.0000	0.8488	50	15/06/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132089	1.0000	0.8488	100	3/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132090	1.0000	0.8488	90	9/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132091	1.0000	0.8488	52.8	22/03/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132092	1.0000	0.9094	66	8/03/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132093A	1.0000	0.9700	75	31/10/2071	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132095	1.0000	0.8488	33	23/07/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132096	1.0000	0.8488	26	5/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132097	1.0000	0.8488	33	21/07/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132098	1.0000	0.8488	34	5/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132099	1.0000	0.9700	68	7/06/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132100	1.0000	0.9700	54	22/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132101	1.0000	0.8488	64	26/03/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132102	1.0000	0.9700	149	28/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132103	1.0000	0.8488	80	2/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132104	1.0000	0.8488	133	17/05/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132105	1.0000	0.8488	202	21/03/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132106	1.0000	0.8488	20	1/01/1977	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132107	1.0000	0.8488	185	2/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132108	1.0000	0.8488	138	2/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132109	1.0000	0.8488	126	3/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132110	1.0000	0.8488	158	10/12/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132111	1.0000	0.8488	50	27/08/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132113	1.0000	0.8488	58	20/11/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132114	1.0000	0.8488	10	9/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132115	1.0000	0.8488	17	4/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132116	1.0000	0.8488	28	5/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132117	1.0000	0.9700	151	7/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132118	1.0000	0.8488	41	3/10/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132119	1.0000	0.8488	25	21/08/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132120	1.0000	0.8488	59.5	24/03/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132121	1.0000	0.8488	42.4	22/09/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132122	1.0000	0.8488	2.6	23/09/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132123	1.0000	0.8488	4.2	26/09/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132124	1.0000	0.8488	62.5	19/05/1996	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132125	1.0000	0.7881	0.28	25/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132126	0.9000	0.8488	122.7	2/05/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132127	1.0000	0.8222	45	14/06/1974	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132128	1.0000	0.7396	10	30/09/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132129	1.0000	0.7881	20	10/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132130	1.0000	0.7881	75	14/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132131	1.0000	0.7881	139	14/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132132	1.0000	0.8488	177	14/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132133	1.0000	0.7881	4.4	10/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132134	1.0000	0.7396	11.75	2/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132135	1.0000	0.7881	2	30/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132136	0.9286	0.8488	139	12/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132137	1.0000	0.7396	70	27/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132138	1.0000	0.8222	109	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132139	1.0000	0.7881	42	14/07/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132140	0.9286	0.8003	108	23/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132141	1.0000	0.8290	16.4	5/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132142	0.9242	0.8488	45	3/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132143	1.0000	0.7396	31.5	27/09/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132144	1.0000	0.7881	5	19/07/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132145	0.9000	0.7857	132.76	5/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132146	1.0000	0.8142	5	27/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132147	1.0000	0.8290	10.7	19/11/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132148	1.0000	0.7881	5	18/07/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132149	1.0000	0.8330	66.5	22/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132150	1.0000	0.8142	5	7/09/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132151	1.0000	0.7881	7.5	7/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132152	1.0000	0.7396	22.38	23/01/1980	HBP, Producing	Surface Top Queenstn



## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310132153	1.0000	0.7881	96.3	23/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132154	0.9242	0.8003	120.7	17/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132155	1.0000	0.8488	202	21/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132156	0.9242	0.8488	95	3/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132157	1.0000	0.7881	14	11/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132158	1.0000	0.7909	207	12/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132159	1.0000	0.7881	147	29/08/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132160	1.0000	0.7881	1	24/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132161	1.0000	0.7396	1	24/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132162	1.0000	0.7396	8.6	14/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132163	1.0000	0.7396	65.9	25/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132164	0.9238	0.8488	125	16/10/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132165	1.0000	0.7881	16	10/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132166	1.0000	0.7881	1475	17/01/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132167	1.0000	0.8142	2561	17/01/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132168	1.0000	0.8488	1325	18/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132169	0.9000	0.8488	1283	17/01/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132170	0.9000	0.7857	500	8/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132171	1.0000	0.7881	153	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132172	1.0000	0.7881	4.03	6/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132173	1.0000	0.7881	14.8	7/12/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132174	1.0000	0.7881	79.4	5/06/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132175	0.2000	0.8184	160	16/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132176	1.0000	0.8290	30	15/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132177	0.9242	0.8488	158	30/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132178	1.0000	0.8290	39.2	11/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132179	1.0000	0.7396	210	1/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132180	1.0000	0.7396	25.4	30/04/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132181	1.0000	0.8488	1097.1	23/05/1997	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132182	1.0000	0.7881	200	5/03/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132183	1.0000	0.8488	124	29/08/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132184	1.0000	0.7881	138	28/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132185	1.0000	0.7881	50	15/09/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132186	1.0000	0.7881	146	28/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132187	1.0000	0.8488	1	1/05/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132188	1.0000	0.8488	1	15/05/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132189	1.0000	0.8488	1	9/05/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132190	1.0000	0.8488	1	6/05/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132191	1.0000	0.8488	30	12/08/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132192	1.0000	0.8488	1	9/04/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132193	1.0000	0.8488	1	9/04/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132194	1.0000	0.8488	1	2/06/1998	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132195	0.8400	0.8488	15	31/10/1999	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132196	0.5000	0.8488	39.6	16/11/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132197	0.5000	0.8488	30.2	30/11/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132198	0.5000	0.8488	19.8	17/01/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132199	0.5000	0.8488	83.5	15/11/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132200	0.5000	0.8488	16.26	13/03/2003	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132201	0.5000	0.8488	16.69	18/11/2002	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132202	1.0000	0.8488	61	2/11/2001	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132204	1.0000	0.8488	11	12/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132205	1.0000	0.8488	38.3	18/09/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132206	1.0000	0.8488	55	21/12/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132207	1.0000	0.8488	5	9/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132208	1.0000	0.8488	140	25/02/1985	HBP, Producing	Below Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132209	1.0000	0.8488	96	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132210	1.0000	0.8488	2	5/07/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132211	1.0000	0.8488	74.3	19/05/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132212	1.0000	0.8488	49.9	19/05/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132213	1.0000	0.8488	60.5	25/05/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132214A	0.5000	0.8488	61	15/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132215	1.0000	0.8488	50.2	30/03/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132216	1.0000	0.8488	55	22/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132217	1.0000	0.8488	14	22/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132218	1.0000	0.8488	20	17/07/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132219	1.0000	0.8488	150	31/08/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132220	1.0000	0.8488	68	2/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132221	1.0000	0.8488	4	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132223	1.0000	0.8488	80	17/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132224	1.0000	0.8488	9	8/01/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132225	1.0000	0.8488	179	28/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132226	1.0000	0.8488	231	23/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132227	1.0000	0.8488	15	27/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132228	1.0000	0.8488	120	29/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132229	1.0000	0.8488	65	6/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132230	1.0000	0.8488	107.1	14/11/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132231	1.0000	0.8488	50.4	25/02/1983	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310132232	1.0000	0.8488	198	30/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132233	1.0000	0.8488	118	25/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132234	1.0000	0.8488	12	23/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132235	1.0000	0.8488	30	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132236	1.0000	0.8488	117.213	22/12/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132237	1.0000	0.8488	211	11/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132238	1.0000	0.8488	35	17/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132239	1.0000	0.8488	195.6	26/01/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132240	1.0000	0.8488	41	14/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132241	1.0000	0.8488	41	1/09/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132242	1.0000	0.8488	64	3/04/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132243	1.0000	0.8488	70	6/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132244	1.0000	0.8488	41	11/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132245	1.0000	0.8488	126	25/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132246	1.0000	0.8488	103	7/01/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132247	1.0000	0.8488	75	25/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132248	1.0000	0.8488	55	2/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132249	1.0000	0.8488	20	14/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132250	1.0000	0.8488	386	11/08/1986	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310132251	1.0000	0.8488	290	29/11/1984	HBP, Producing	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310132252	1.0000	0.8488	14.8	1/12/1990	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132253	1.0000	0.8750	77	15/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132255	1.0000	0.8750	10	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132256	1.0000	0.8750	46	25/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132258	1.0000	0.8750	5	17/07/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132259	1.0000	0.8750	284	7/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132260	1.0000	0.8750	174	20/01/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132263	1.0000	0.8750	24	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132264	1.0000	0.8750	38	18/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132265	1.0000	0.8750	44	3/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132267	1.0000	0.8750	119	26/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132268	1.0000	0.8750	153	17/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132269	1.0000	0.8750	139	31/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132270	1.0000	0.8750	2	1/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132271	1.0000	0.8750	183	20/201983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132273	1.0000	0.8750	188	16/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132274	1.0000	0.8750	176	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132275	1.0000	0.8750	178	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132276	1.0000	0.8750	240	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132277	1.0000	0.8750	269	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132278	1.0000	0.8750	163	30/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132283	1.0000	0.8750	5.8	27/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132284	1.0000	0.8750	7.3	27/06/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132285	1.0000	0.8750	20	20/06/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132286	1.0000	0.8750	30	19/12/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132287	1.0000	0.8750	1	13/08/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132288	1.0000	0.8750	43.4	27/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132290	1.0000	0.8750	183	25/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132291	1.0000	0.8750	75	11/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132292	1.0000	0.8750	220	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132293	1.0000	0.8750	91	9/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132294	1.0000	0.8750	120	11/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132295	1.0000	0.8750	289	8/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132296	1.0000	0.8750	100	6/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132297	1.0000	0.8750	145	13/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132298	1.0000	0.8750	49	12/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132299	1.0000	0.8750	133	21/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132300	1.0000	0.8750	150	6/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132301	1.0000	0.8750	262	14/09/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132303	1.0000	0.8750	6	20/09/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132304	1.0000	0.8750	100	25/05/1978	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132305	1.0000	0.8750	60	16/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132306	1.0000	0.8750	57	14/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132308	1.0000	0.8750	125	10/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132309	1.0000	0.8750	120	4/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132310	1.0000	0.8750	92	1/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132311	1.0000	0.8750	100	10/101982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132312	1.0000	0.8750	252.8	15/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132313	1.0000	0.8750	61	18/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132314	1.0000	0.8750	50	15/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132315	1.0000	0.8750	181	26/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132316	1.0000	0.8750	99	23/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132317	1.0000	0.8750	120	8/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132318	1.0000	0.8750	108	17/08/1991	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132319	1.0000	0.8750	85	22/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132320	1.0000	0.8750	100	19/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132321	1.0000	0.8750	100	15/12/1976	HBP, Producing	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310132323	1.0000	0.8750	16	7/07/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132325	1.0000	0.8750	140	31/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132326	1.0000	0.8750	127	23/12/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132327	1.0000	0.8750	246	16/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132328	1.0000	0.8750	45	6/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132329	1.0000	0.8750	1	31/08/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132330	1.0000	0.8750	2	17/02/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132331	1.0000	0.8750	50	22/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132332	1.0000	0.8750	41	13/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132333	1.0000	0.8750	152	2/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132334	1.0000	0.8750	68	23/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132335	1.0000	0.8750	98	16/07/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132336	1.0000	0.8750	80	21/02/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132337	1.0000	0.8750	96	14/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132338	1.0000	0.8750	9.2	12/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132339	1.0000	0.8750	9.35	18/03/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132340	1.0000	0.8750	3	29/03/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132341	1.0000	0.8750	2	6/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132342	1.0000	0.8750	4	11/07/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132343	1.0000	0.8750	212	9/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132344	1.0000	0.8750	98	15/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132345	1.0000	0.8750	222	10/05/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132346	1.0000	0.8750	20	18/11/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132347	1.0000	0.8750	75	16/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132348	1.0000	0.8750	40	7/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132349	1.0000	0.8750	80	15/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132350	1.0000	0.8750	90	1/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132351	1.0000	0.8750	155	9/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132352	1.0000	0.8750	140	17/05/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132353	1.0000	0.8750	1	13/04/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132355	1.0000	0.8750	153	6/12/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132356	1.0000	0.8750	115	15/11/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132358	1.0000	0.8750	71	18/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132359	1.0000	0.8750	122	23/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132360	1.0000	0.8750	75	6/08/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132362	0.9000	0.8750	39	1/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132363	1.0000	0.8750	131	21/02/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132364	1.0000	0.8750	24	1/10/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132365	1.0000	0.8750	150	19/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132366	1.0000	0.8750	207	10/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132367	1.0000	0.8750	170	5/10/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132369	1.0000	0.8750	136	13/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132370	1.0000	0.8750	63		HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132371	1.0000	0.8750	159	21/12/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132372	1.0000	0.8750	4	29/09/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132373	1.0000	0.8750	25	24/06/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132374	1.0000	0.8750	113	5/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132375	1.0000	0.8750	257	3/09/1979	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132376	1.0000	0.8750	120	31/03/1983	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132377	1.0000	0.8750	124	14/08/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132378	1.0000	0.8750	6	26/06/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132379	1.0000	0.8750	1	26/06/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132380	1.0000	0.8750	29	20/02/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132381	1.0000	0.8750	100	11/01/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132382	0.9000	0.8750	100	21/10/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132383	1.0000	0.8750	129	18/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132384	1.0000	0.8750	40	2/05/1969	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132385	1.0000	0.8750	62.4	2/05/1969	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132386	1.0000	0.8750	48	27/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132387	1.0000	0.8750	30	25/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132388	1.0000	0.8750	394	3/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132389	1.0000	0.8750	70	16/03/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132390	1.0000	0.8750	42.5	18/12/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132391	0.9242	0.8750	2	8/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132392	1.0000	0.8750	3	8/05/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132393	0.9242	0.8750	95	25/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132394	1.0000	0.8750	9.5	25/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132395	1.0000	0.8750	14.3	26/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132396	1.0000	0.8750	2.5	15/02/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132397	1.0000	0.8750	8.3	8/05/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132398	1.0000	0.8750	16	25/01/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132399	1.0000	0.8750	78.2	5/01/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132400	1.0000	0.8750	88	10/08/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310132402	1.0000	0.8750	51	14/10/1985	HBP, Producing	Surface/BTM Elk
NY	O&G	Empire Energy E&P, LLC	310132403	1.0000	0.8750	121	14/10/1985	HBP, Producing	Surface/BTM Elk
NY	O&G	Empire Energy E&P, LLC	310132406	1.0000	0.8750	172	18/10/1982	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132407	1.0000	0.8750	85	2/12/1982	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310132408	1.0000	0.8750	1	8/08/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132409	1.0000	0.8750	61	16/02/1984	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132410	1.0000	0.8750	50.2	4/08/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132411	1.0000	0.8750	12.3	6/08/1980	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132413	1.0000	0.8750	110	12/02/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132414	1.0000	0.8750	7.6	22/08/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290001	0.5000	0.4123	23.24	5/01/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290003	0.5000	0.4123	22.98	29/01/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290004	0.5000	0.4244	26.41	12/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290005	0.5000	0.4123	29.35	10/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290006	0.7500	0.6184	7.82	18/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290007	0.5000	0.4123	15.22	12/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290008	0.7500	0.6184	15.78	24/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290009	0.7500	0.6184	24.22	23/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290010	0.7500	0.6184	30.6	31/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290011	0.7500	0.6184	3.8	2/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290012	0.7500	0.6184	5.6	16/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290013	0.5000	0.4244	22	24/07/1994	HBP, Producing	Below BTM Med Whirl
NY	O&G	Empire Energy E&P, LLC	310290015	0.7500	0.6184	20	24/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290016	0.7500	0.6184	3.4	6/07/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290017	0.7500	0.6366	1.6	28/06/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290018	0.7500	0.6184	15	26/07/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290022	0.5000	0.4123	19	16/11/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290023	0.5000	0.4123	10	1/04/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290024	0.5000	0.4123	2	27/07/1995	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290025	0.5000	0.4123	2	15/02/1995	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290026	0.5000	0.4123	7	9/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290029	0.5000	0.4123	1.65	21/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290030	0.5000	0.4123	5.3	16/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290035	0.5000	0.4123	40	30/12/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290036	0.7500	0.6184	9.7	18/07/1986	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290037	0.7500	0.6184	9.9	19/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290038	0.7500	0.6366	4.8	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290039	0.5000	0.4123	45.6	24/11/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290040	0.7500	0.6184	10	10/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290041	0.5000	0.4123	1.2	22/02/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290042	0.7500	0.6184	31.36	23/10/1984	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290043	0.7500	0.6184	2.1	17/12/1980	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290044	0.7500	0.6184	2.03	30/09/1989	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290045	0.7500	0.6184	1.58	17/02/1996	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290046	0.7500	0.6184	0.946	15/02/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290047	0.7500	0.6184	2.25	24/04/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290049	0.5000	0.4123	39.5	13/09/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290050	0.5000	0.4123	0.5	3/09/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290051	0.5000	0.4123	77	26/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290052	0.5000	0.4123	3	20/10/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290053	0.7500	0.6184	21.65	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290054	0.7500	0.6184	18.35	31/10/1984	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290055	0.7500	0.6184	29	18/08/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290056	0.7500	0.6184	1.5	31/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290057	0.7500	0.6184	1.5	14/07/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290058	0.7500	0.6184	1	30/09/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290059	0.7500	0.6184	4	29/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290060	0.7500	0.6184	3	29/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290061	0.7500	0.6184	8.28	20/08/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290062	0.7500	0.6184	9.45	13/07/1993	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290063	0.7500	0.6184	2.2	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290064	0.7500	0.6184	3	18/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290065	0.7500	0.6184	2.2	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290066	0.7500	0.6184	3	17/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290068	0.7500	0.6184	1.83	18/05/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290069	0.7500	0.6184	38.09	12/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290070	0.7500	0.6184	1.91	25/02/1986	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290075	0.5000	0.4123	12	10/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290076	0.5000	0.4123	9	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290077	0.5000	0.4123	1	15/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290078	0.5000	0.4123	8.5	11/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290079	0.5000	0.4123	1	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290080	0.5000	0.4123	1	15/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290082	0.5000	0.4123	1	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290084	0.5000	0.4123	1	12/11/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290086	0.5000	0.4123	40	20/09/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290087	0.5000	0.4123	40	16/11/1994	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290088	0.5000	0.4123	0.47	3/03/1994	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290089	0.5000	0.4123	1.38	13/04/1990	HBP, Producing	Surface BTM Clinton
NY	O&G	Empire Energy E&P, LLC	310290090	1.0000	0.8488	32.2	23/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290091	1.0000	0.8488	1.21	12/06/1991	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

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

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NY	O&G	Empire Energy E&P, LLC	310290169	1.0000	0.8488	13.5	22/05/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290170	1.0000	0.8488	5.6	17/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290171	1.0000	0.8488	22.44	11/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290172	1.0000	0.8488	3.7	11/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290173	1.0000	0.8488	13	18/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290174	1.0000	0.8488	1.6	14/02/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290176	1.0000	0.8488	4.3	28/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290177	1.0000	0.8488	61.5	18/07/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290178	1.0000	0.8488	10.5	6/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290179	1.0000	0.8488	15.58	20/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290180	1.0000	0.8488	15.58	20/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290181	1.0000	0.8488	4.29	28/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290182	1.0000	0.8488	11.2	1/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290183	1.0000	0.8488	38.3	6/11/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290184	1.0000	0.8488	4.6	17/09/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290185	1.0000	0.8488	0.72	5/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290186	1.0000	0.8488	0.46	5/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290187	1.0000	0.8488	37	8/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290188	1.0000	0.8488	3.8	23/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290189	1.0000	0.8488	10.1	19/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290190	1.0000	0.8488	15.37	7/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290191	1.0000	0.8488	2.3	15/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290192	1.0000	0.8488	0.18	9/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290193	1.0000	0.8488	57	13/04/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290194	1.0000	0.8488	4	7/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290195	1.0000	0.8488	5.92	14/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290196	1.0000	0.8488	1.1	20/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290197	1.0000	0.8488	1.37	30/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290198	1.0000	0.8488	0.77	14/10/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290199	1.0000	0.8488	12.8	24/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290200	1.0000	0.8488	60	18/08/1979	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290201	1.0000	0.8488	1.02	29/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290202	1.0000	0.8488	3.8	14/06/1991	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290203	1.0000	0.8488	16.3	21/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290204	1.0000	0.8488	26.55	9/11/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290205	1.0000	0.8488	10.6	30/09/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290206	1.0000	0.8488	1.08	18/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290207	1.0000	0.8488	30.6	20/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290208	1.0000	0.8488	1	29/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290209	1.0000	0.8488	19.9	24/04/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290210	1.0000	0.8488	0.52	15/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290211	1.0000	0.8488	2.3	19/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290212	1.0000	0.8488	9.3	13/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290213	1.0000	0.8488	37.2	23/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290214	1.0000	0.8488	36.7	5/04/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290215	1.0000	0.8488	0.5	21/06/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290216	1.0000	0.8488	9.1	24/10/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290217	1.0000	0.8488	1.6	25/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290218	1.0000	0.8488	18.42	14/02/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290219	1.0000	0.8488	0.52	8/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290220	1.0000	0.8488	2	1/06/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290221	1.0000	0.8488	1	10/09/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290222	1.0000	0.8488	78	23/06/1971	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290223	1.0000	0.8488	57	27/11/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290224	1.0000	0.8488	15	17/02/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290225	1.0000	0.8488	180	15/08/1976	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290226	1.0000	0.9700	73	12/11/1982	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290227	1.0000	0.8488	46	10/03/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290228	1.0000	0.8488	285	19/09/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290229	1.0000	0.8488	420	17/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290230	1.0000	0.8488	25	31/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290231	1.0000	0.8488	94	26/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290232A	1.0000	0.8488	45	25/07/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290233	1.0000	0.8488	110	27/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290234	1.0000	0.8488	70	27/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290235	1.0000	0.8488	66	23/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290236	1.0000	0.9700	150	4/06/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290237	1.0000	0.8488	45	27/07/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290238	1.0000	0.8488	49	3/08/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290239	1.0000	0.8488	29.91	5/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290240	1.0000	0.8488	100	14/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290241	1.0000	0.8488	50	27/07/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290242	1.0000	0.8488	25	24/10/1980	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290243	1.0000	0.8488	353	10/11/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290244	1.0000	0.8488	41	13/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290245	1.0000	0.8488	271	27/07/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290246	0.1526	0.8488	0.5	28/02/1995	HBP, Producing	Surface Top Queenstn

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310290247	0.1526	0.8488	3.3	6/08/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290248	0.9611	0.7396	10	4/11/1986	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290249	1.0000	0.8488	121	30/11/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290250	0.1526	0.8488	64.3	8/01/1994	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290251	1.0000	0.8488	97	21/01/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290252	0.9611	0.7396	180	18/08/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290253	0.2500	0.8488	12.7	5/03/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290254	0.9611	0.8488	4	11/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290255	1.0000	0.8488	216	8/03/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290256	0.9611	0.8488	15.3	21/08/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290257	0.1526	0.8488	20.7	7/03/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290258	0.1526	0.8488	92.9	27/03/1992	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290259	0.9611	0.7396	50	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290260	0.9611	0.7396	41	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290261	1.0000	0.8488	60	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290262	1.0000	0.8488	41	8/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290263	0.1526	0.8488	13.54	30/10/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290264	0.9611	0.7396	209	22/06/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290265	0.9611	0.7490	310	22/03/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290266	0.9611	0.7396	9	31/12/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290267	1.0000	0.8391	130	21/10/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290268	0.9611	0.7587	123	5/12/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290269	0.1526	0.8488	1	2/12/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290270	0.2500	0.8488	10.9	5/03/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290271	0.9611	0.8488	148	27/01/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290272	0.9611	0.7587	223.36	12/02/1988	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290273	0.9611	0.8488	3	1/09/1985	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290274	0.1526	0.8488	75	3/02/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290275	0.2500	0.8488	80	23/01/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290276	0.2500	0.8488	99.7	12/01/1993	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290277	1.0000	0.8750	42	N/A	Fee	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290278	1.0000	0.8750	70	17/11/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290279	1.0000	0.8750	224	22/10/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290280	1.0000	0.8750	38	8/04/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290281	1.0000	0.8750	45	31/03/1981	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290282	1.0000	0.8750	94	25/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290283	1.0000	0.8750	167	1/11/1990	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290284	1.0000	0.8750	140	3/06/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290285	1.0000	0.8750	61	19/04/1983	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290286	1.0000	0.8750	25	31/08/1978	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290287	1.0000	0.8750	50	1/09/1987	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290289	1.0000	0.8750	56	26/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290290	1.0000	0.8750	2	11/07/1989	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290292	1.0000	0.8750	51	26/06/1984	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	310290293	1.0000	0.8750	40.3	14/02/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290294	1.0000	0.8750	38.1	19/11/1992	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290295	1.0000	0.8750	48.6	4/12/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290297	1.0000	0.8750	15.3	4/12/1993	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310630001	1.0000	0.8750	215.79	20/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310630002	1.0000	0.8750	20.8	20/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310630003	1.0000	0.8750	112.7	22/10/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670035	1.0000	0.8488	183.08	24/02/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670036	1.0000	0.8488	144.03	30/03/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670038	1.0000	0.8488	59.79	6/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670039	1.0000	0.8488	47.04	21/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670040	1.0000	0.8488	55.55	27/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670041	1.0000	0.8488	47.23	27/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670042	1.0000	0.8488	113.37	28/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670043	1.0000	0.8488	92.63	20/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670044	1.0000	0.8488	16.42	25/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670045	1.0000	0.8488	15.27	26/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670049	1.0000	0.8488	21.82	20/01/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690016	1.0000	0.8184	219	9/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690026	1.0000	0.8184	137	23/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690045	1.0000	0.8184	124.1	23/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690078	1.0000	0.8488	70	24/02/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690085	1.0000	0.8488	100.5	7/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690088	1.0000	0.8488	144	27/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690090	1.0000	0.8488	27.6	7/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690091	1.0000	0.8488	43.2	19/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690092	1.0000	0.8488	31.1	19/04/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690093	1.0000	0.8488	62.9	7/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690094	1.0000	0.8488	117.1	7/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690099	1.0000	0.8488	14.5	6/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690125	1.0000	0.8488	1	18/07/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690132	1.0000	0.8750	239.5	7/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690133	1.0000	0.8750	35	7/01/2017	Leased, DelayRental	All Horizons

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NY	O&G	Empire Energy E&P, LLC	310690134	1.0000	0.8750	152.2	7/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690135	1.0000	0.8750	35	8/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690136	1.0000	0.8750	252.6	13/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690138	1.0000	0.8750	56.5	18/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690139	1.0000	0.8750	329.4	28/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690140	1.0000	0.8750	721.5	4/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690141	1.0000	0.8750	211.2	20/04/2017	Leased, DelayRental	100% Shallow 50%Deep
NY	O&G	Empire Energy E&P, LLC	310690142	1.0000	0.8750	475.9	20/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690143	1.0000	0.8750	60.8	20/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690144	1.0000	0.8750	54	20/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690145	1.0000	0.8750	186.7	25/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690146	1.0000	0.8750	150.8	24/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690147	1.0000	0.8750	181	2/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690148	1.0000	0.8750	60.8	20/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690149	1.0000	0.8750	294	4/05/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690150	1.0000	0.8750	24.7	25/07/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690151	1.0000	0.8750	22	1/08/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690152	1.0000	0.8750	124	21/08/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690154	1.0000	0.8750	61.3	7/09/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690155	1.0000	0.8750	444.6	10/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690156	1.0000	0.8750	71.3	10/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990022	1.0000	0.8488	257	17/09/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990026	1.0000	0.8488	36	12/09/2022	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990033	1.0000	0.8488	123	1/10/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990034	1.0000	0.8488	331	22/10/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990046	1.0000	0.8488	161.7	20/06/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990052	1.0000	0.8488	55.9	1/08/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990055A	1.0000	0.8488	39	1/08/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990067	1.0000	0.8488	198.2	29/08/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990085	1.0000	0.8488	3	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990086	1.0000	0.8488	2.2	6/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990087	1.0000	0.8488	55.1	4/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990088	1.0000	0.8488	138	5/03/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990089	1.0000	0.8488	0.68	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990090	1.0000	0.8488	81.5	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990091	1.0000	0.8488	1.3	3/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990092	1.0000	0.8488	1	3/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990098	1.0000	0.8488	44.5	2/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990099	1.0000	0.8488	1.1	1/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990101	1.0000	0.8488	6.41	25/02/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990102	1.0000	0.8488	0.88	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990103	1.0000	0.8488	2.76	12/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990104	1.0000	0.8488	0.68	6/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990106	1.0000	0.8488	3.9	5/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990107	1.0000	0.8488	2	13/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990108	1.0000	0.8488	134.5	17/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990119	1.0000	0.8488	28.9	11/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990121	1.0000	0.8488	77.9	25/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990122	1.0000	0.8488	0.68	22/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990130	1.0000	0.8488	753	27/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990132	1.0000	0.8488	48.9	30/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990135	1.0000	0.8488	50.76	10/04/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990136	1.0000	0.8488	1.3	30/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990137	1.0000	0.8488	0.92	3/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990138	1.0000	0.8488	1.36	12/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990139	1.0000	0.8488	0.88	14/04/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990141	1.0000	0.8488	147	25/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990143	1.0000	0.8488	1	7/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990144	1.0000	0.8488	0.88	22/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990145A	1.0000	0.8488	0.88	22/03/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990146	1.0000	0.8488	0.77	2/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990150	1.0000	0.8488	1.6	26/04/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990152	1.0000	0.8148	865.1	4/05/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990157	1.0000	0.8488	910.3	1/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990160	1.0000	0.8488	1.8	5/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990161	1.0000	0.8488	1.1	6/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990162	1.0000	0.8488	4.06	6/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990163	1.0000	0.8488	1	6/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990164	1.0000	0.8488	19.6	8/05/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990172	1.0000	0.8488	108.5	21/02/2013	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990174	1.0000	0.8488	1.2	1/07/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990193	1.0000	0.8488	61.4	23/09/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990195	1.0000	0.8488	41.2	9/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990212	1.0000	0.8488	333.1	24/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990213	1.0000	0.8488	49	28/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990214	1.0000	0.8488	153.7	24/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990215	1.0000	0.8488	158.1	24/10/2008	HBP, Producing	All Horizons



## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310990216	1.0000	0.8488	80.6	24/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990219	1.0000	0.8488	27.7	30/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990235	1.0000	0.8488	90.1	20/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990249	1.0000	0.8488	4.1	22/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990250	1.0000	0.8488	1.0784	23/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990251	1.0000	0.8488	33.9	2/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990271	1.0000	0.8488	1.004	6/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990272	1.0000	0.8488	43.5	8/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990275	1.0000	0.8488	57.25	18/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990280	1.0000	0.8488	0.88	15/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990281	1.0000	0.8488	0.81	3/02/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990282	1.0000	0.8488	5	28/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990286	1.0000	0.8488	161.8	23/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990299	1.0000	0.8488	5	6/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990300	1.0000	0.8488	6.6	15/03/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990301	1.0000	0.8488	381	30/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990303	1.0000	0.8488	5	5/04/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990313	1.0000	0.8488	1.154	9/06/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990314	1.0000	0.8488	348.1	22/06/2014	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990343	1.0000	0.8488	2.05	21/02/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990346	1.0000	0.8488	0.345	22/11/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990348	1.0000	0.8488	27	18/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990349	1.0000	0.8488	62	10/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990350	1.0000	0.8488	35.3	24/02/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990352	1.0000	0.8488	29.63	19/05/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990353	1.0000	0.8488	8.5	28/06/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990354	1.0000	0.8488	2.9	1/10/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990355	1.0000	0.8488	72.96	1/06/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990356	1.0000	0.8488	11.8	3/06/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990358	1.0000	0.8488	1.2	28/06/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990360	1.0000	0.8488	17.156	1/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990362	1.0000	0.8488	49.5	14/07/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990364	1.0000	0.8488	39	4/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990365	1.0000	0.8488	67.6	15/07/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990377	1.0000	0.8488	1	10/08/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990388	1.0000	0.8488	30.55	5/08/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990392	1.0000	0.8488	174	8/07/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990393	1.0000	0.8488	49.9	20/05/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990395	1.0000	0.8488	1	20/04/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990398	1.0000	0.8488	2.3	22/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990407	1.0000	0.8488	29	6/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990409	1.0000	0.8488	65.5	14/03/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990414	1.0000	0.8488	48.1	25/03/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990416	1.0000	0.8488	42.8	18/03/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990417	1.0000	0.8488	177.24	22/08/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990418	1.0000	0.8488	100.9	6/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990419	1.0000	0.8488	35	21/03/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990420	1.0000	0.8488	101	7/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990422	1.0000	0.8488	44.4	3/04/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990423	1.0000	0.8488	19.3	23/04/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990424	1.0000	0.8488	20.6	5/06/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990425A	1.0000	0.8488	75.9	9/06/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990426	1.0000	0.8488	24.5	9/06/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990430	1.0000	0.8488	12.2	14/08/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990432	1.0000	0.8488	8.78	20/11/2012	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990446	1.0000	0.8488	265.7	19/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990447	1.0000	0.8488	129.7	8/12/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990448	1.0000	0.8488	289.44	24/07/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990449	1.0000	0.8488	125.7	14/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990450	1.0000	0.8488	399.93	14/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990451	1.0000	0.8184	296.14	19/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990452	1.0000	0.8488	434.4	19/10/2012	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990589	1.0000	0.8750	69.3	13/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990590	1.0000	0.8750	50.4	16/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990591	1.0000	0.8750	143.33	15/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990592	1.0000	0.8750	22.83	27/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990593	1.0000	0.8750	146.94	23/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990594A	1.0000	0.8750	70	21/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990595	1.0000	0.8750	95.4	22/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990596	1.0000	0.8750	42.1	21/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990597	1.0000	0.8750	79.5	29/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990598	1.0000	0.8750	46.8	30/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990599	1.0000	0.8750	66	22/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990600	1.0000	0.8750	48.2	19/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990601	1.0000	0.8750	27.48	20/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990602	1.0000	0.8750	47.9	21/09/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990603	1.0000	0.8750	75.1	25/09/2017	Leased, DelayRental	All Horizons

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NY	O&G	Empire Energy E&P, LLC	310990604	1.0000	0.8750	444	2/10/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990605	1.0000	0.8750	72.6	10/10/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990607	1.0000	0.8750	486.15	26/07/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990608	1.0000	0.8750	107.4	10/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990609	1.0000	0.8750	1425.29	10/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990610	1.0000	0.8750	106.4	5/04/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990611	1.0000	0.8750	48	2/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990612	1.0000	0.8750	1.8	6/03/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990613	1.0000	0.8750	117	2/04/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990614	1.0000	0.8750	397.4	20/06/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990615	1.0000	0.8750	335.4	29/06/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990616	1.0000	0.8750	439.3	1/08/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990617	1.0000	0.8750	209.8	26/05/2019	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990618	1.0000	0.8750	147.9	11/09/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990619	1.0000	0.8750	184.4	4/06/2019	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170004	0.5000	0.8488	97	5/11/1998	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170008	0.5000	0.8488	132	12/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170009	0.5000	0.8488	85	11/11/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170011	0.5000	0.8488	166.31	28/10/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170021	0.5000	0.8488	41	1/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170024	0.5000	0.8488	62	3/12/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170026	0.5000	0.8184	7.4	25/01/2009	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170033	0.5000	0.8488	983.45	30/06/2004	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170044	0.5000	0.8488	169.5	10/12/2020	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170047	0.5000	0.8488	39.36	20/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170093	0.5000	0.8488	25.5	20/11/2007	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170105	0.5000	0.8488	8.7	19/12/2005	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170118	1.0000	0.8488	91.06	25/01/2022	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170140	0.5000	0.8488	0.89	12/02/2008	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170176	1.0000	0.8488	3.4	12/03/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170202A	0.5000	0.8488	0.75	4/03/2006	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170338	0.5000	0.8488	5.96	2/03/2010	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170343	0.5000	0.8488	0.77	24/09/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170344	0.5000	0.8488	11	10/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170345	0.5000	0.8488	1.42	1/09/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170347	0.5000	0.8488	98.62	9/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170348	0.5000	0.8488	0.6	25/08/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170353	0.5000	0.8488	37.75	1/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170354	0.5000	0.8488	74.72	24/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170356	0.5000	0.8488	38.92	24/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170357	0.5000	0.8488	50.47	24/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170358	0.5000	0.8488	92.44	17/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170360	0.5000	0.8488	14.64	14/10/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170361	0.5000	0.8488	14.24	4/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170363	0.5000	0.8488	37.37	16/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170364	0.5000	0.8488	67.91	8/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170365	0.5000	0.8488	4.51	14/10/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170366	0.5000	0.8488	50.52	13/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170367	0.5000	0.8488	13.1	15/10/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170370	0.5000	0.8488	88.39	14/09/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170421	0.5000	0.8488	257.24	9/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170423	0.5000	0.8488	101.7	7/01/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170432	0.5000	0.8488	50.5	31/03/2011	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170450	1.0000	0.8488	91.8	28/08/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170451	0.5000	0.8488	1.3	21/09/2015	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170452	0.5000	0.8488	80.7	22/08/2015	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170453	0.5000	0.8488	0.92	17/08/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170457	1.0000	0.8488	60.87	6/09/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170463	1.0000	0.8488	99	18/10/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170465	1.0000	0.8488	80.11	10/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170469	0.5000	0.8488	38.61	6/09/2016	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170470	0.5000	0.8488	96.19	23/01/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170471	0.5000	0.8488	91.1	2/12/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170473	0.5000	0.8488	2.84	24/10/2006	HBP, Producing	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170474	1.0000	0.8488	124.4	12/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170475	1.0000	0.8488	164.05	15/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170476	1.0000	0.8488	40.13	16/03/2017	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170477	1.0000	0.8488	53.64	20/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170490	0.5000	0.8488	30.5	16/10/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170507	0.5000	0.8488	21.75	12/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170508	0.5000	0.8488	46.6	11/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170511	0.5000	0.8488	9.7	15/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170512	1.0000	0.8488	15.08	7/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170536	1.0000	0.8488	24.3	9/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170542	1.0000	0.8488	20.78	5/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170548	1.0000	0.8488	31.09	29/01/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170549	1.0000	0.8488	13.5	17/02/2018	Leased, DelayRental	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	311170553	1.0000	0.8488	126	15/05/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170554	0.5000	0.8488	149.59	4/04/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170555	1.0000	0.8488	107.18	18/05/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170558	1.0000	0.8488	67.14	14/11/2013	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170559	1.0000	0.8488	67.7	22/11/2013	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170560	1.0000	0.8488	46.7	7/11/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170561	1.0000	0.8488	38.71	11/12/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170562	1.0000	0.8488	17.26	6/06/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170565	1.0000	0.8488	283.9	1/09/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170568	1.0000	0.8488	65	3/12/2013	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170569	1.0000	0.8750	193	16/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170570	1.0000	0.8750	44.59	16/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170571	1.0000	0.8750	53.5	12/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170572	1.0000	0.8750	47.41	10/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170577	1.0000	0.8750	35.34	26/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170578	1.0000	0.8750	48.86	26/02/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170579	1.0000	0.8750	533.41	10/03/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170581	1.0000	0.8750	81.13	11/06/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170584	1.0000	0.8750	64.49	2/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170585	1.0000	0.8750	78.92	2/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170586	1.0000	0.8750	41.5	7/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170587	1.0000	0.8750	186.32	13/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170588	1.0000	0.8750	29.43	8/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170592	1.0000	0.8750	22.83	27/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170593	1.0000	0.8750	152.04	16/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170594	1.0000	0.8750	59.62	13/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170595	1.0000	0.8750	23	16/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170596	1.0000	0.8750	105	16/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170597	1.0000	0.8750	313.98	23/08/2017	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170598	1.0000	0.8750	70.59	14/03/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170599	1.0000	0.8750	23.77	25/03/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170602	1.0000	0.8750	31.14	11/03/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170603	1.0000	0.8750	40.12	14/02/2018	Leased, PaidUP	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170605	1.0000	0.8750	79.07	22/02/2018	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170606	1.0000	0.8750	546.4	14/06/2016	Leased, DelayRental	All Horizons
NY	O&G	Empire Energy E&P, LLC	311210001	1.0000	0.8488	285.83	27/07/1995	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	311210002	0.5000	0.8488	52.5	18/10/1999	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	311210003	0.5000	0.8488	140.5	25/10/1999	HBP, Producing	Surface Top Queenstn
NY	O&G	Empire Energy E&P, LLC	311210004	1.0000	0.8488	242	17/10/1999	HBP, Producing	Surface Top Queenstn
NY	ROW	Empire Energy E&P, LLC	RW310090001	1.0000	N/A	N/A	28/08/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090002	1.0000	N/A	N/A	10/10/2042	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090003	1.0000	N/A	N/A	7/06/2032	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090048	1.0000	N/A	N/A	24/08/2094	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090007	1.0000	N/A	N/A	1/04/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090037	1.0000	N/A	N/A	23/09/2103	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090100	1.0000	N/A	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090101	1.0000	N/A	N/A	22/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090102	1.0000	N/A	N/A	28/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090103	1.0000	N/A	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090104	1.0000	N/A	N/A	24/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090105	1.0000	N/A	N/A	4/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090106	1.0000	N/A	N/A	22/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090107	1.0000	N/A	N/A	6/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090108	1.0000	N/A	N/A	5/12/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090109	1.0000	N/A	N/A	28/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090110	1.0000	N/A	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090111	1.0000	N/A	N/A	28/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090112	1.0000	N/A	N/A	27/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090113	1.0000	N/A	N/A	28/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090114	1.0000	N/A	N/A	14/12/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090115	1.0000	N/A	N/A	29/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090116	1.0000	N/A	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090117	1.0000	N/A	N/A	12/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090118	1.0000	N/A	N/A	29/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090119	1.0000	N/A	N/A	21/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090120	1.0000	N/A	N/A	21/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090121	1.0000	N/A	N/A	5/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090122	1.0000	N/A	N/A	17/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090123	1.0000	N/A	N/A	15/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090124	1.0000	N/A	N/A	9/08/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090127	1.0000	N/A	N/A	10/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090128	1.0000	N/A	N/A	8/01/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090129	1.0000	N/A	N/A	9/12/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090130	1.0000	N/A	N/A	7/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090131	1.0000	N/A	N/A	10/09/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090132	1.0000	N/A	N/A	25/05/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310090133	1.0000	N/A	N/A	5/04/2081	Right of Way	Surface























## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract /Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	ROW	Empire Energy E&P, LLC	RW310130688	1.0000	N/A	N/A	18/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130689	1.0000	N/A	N/A	24/03/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130690	1.0000	N/A	N/A	6/05/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130691	1.0000	N/A	N/A	27/03/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130692	1.0000	N/A	N/A	28/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130693	1.0000	N/A	N/A	21/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130694	1.0000	N/A	N/A	15/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130695	1.0000	N/A	N/A	27/08/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130696	1.0000	N/A	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130697	1.0000	N/A	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130698	1.0000	N/A	N/A	16/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130699	1.0000	N/A	N/A	2/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130700	1.0000	N/A	N/A	26/03/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130701	1.0000	N/A	N/A	27/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130702	1.0000	N/A	N/A	6/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130703	1.0000	N/A	N/A	14/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130704	1.0000	N/A	N/A	11/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130705	1.0000	N/A	N/A	29/10/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130706	1.0000	N/A	N/A	14/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130707	1.0000	N/A	N/A	13/11/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130708	1.0000	N/A	N/A	4/04/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130709	1.0000	N/A	N/A	17/04/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130710	1.0000	N/A	N/A	24/04/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130711	1.0000	N/A	N/A	22/04/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130712	1.0000	N/A	N/A	2/11/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130713	1.0000	N/A	N/A	10/02/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130714	1.0000	N/A	N/A	8/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130715	1.0000	N/A	N/A	18/12/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130717	1.0000	N/A	N/A	30/03/2097	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130718	1.0000	N/A	N/A	7/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130719	1.0000	N/A	N/A	12/07/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130720	1.0000	N/A	N/A	19/01/2098	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130721	1.0000	N/A	N/A	7/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130722	1.0000	N/A	N/A	7/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130723	1.0000	N/A	N/A	12/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130727	1.0000	N/A	N/A	24/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130728	1.0000	N/A	N/A	7/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130729	1.0000	N/A	N/A	6/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130730	1.0000	N/A	N/A	11/05/2086	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130732	1.0000	N/A	N/A	16/11/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130733	1.0000	N/A	N/A	27/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130734	1.0000	N/A	N/A	3/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130735	1.0000	N/A	N/A	3/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130736	1.0000	N/A	N/A	22/04/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130737	1.0000	N/A	N/A	9/02/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130738	1.0000	N/A	N/A	22/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130739	1.0000	N/A	N/A	18/10/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130740	1.0000	N/A	N/A	25/10/2094	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130741	1.0000	N/A	N/A	29/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130742	1.0000	N/A	N/A	29/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130743	1.0000	N/A	N/A	29/05/2085	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130744	1.0000	N/A	N/A	23/04/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130745	1.0000	N/A	N/A	19/07/2093	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130746	1.0000	N/A	N/A	6/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130748	1.0000	N/A	N/A	24/12/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130749	1.0000	N/A	N/A	5/02/2080	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130750	1.0000	N/A	N/A	8/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130751	1.0000	N/A	N/A	19/11/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130752	1.0000	N/A	N/A	30/11/2075	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130753	1.0000	N/A	N/A	20/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130754	1.0000	N/A	N/A	27/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130755	1.0000	N/A	N/A	27/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130756	1.0000	N/A	N/A	21/11/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130757	1.0000	N/A	N/A	5/10/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130758	1.0000	N/A	N/A	10/02/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130759	1.0000	N/A	N/A	14/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130760	1.0000	N/A	N/A	10/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130761	1.0000	N/A	N/A	10/05/2081	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130762	1.0000	N/A	N/A	3/05/2090	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130763	1.0000	N/A	N/A	1/12/2075	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130764	1.0000	N/A	N/A	24/03/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130765	1.0000	N/A	N/A	22/02/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130766	1.0000	N/A	N/A	13/10/2079	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130767	1.0000	N/A	N/A	12/12/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130768	1.0000	N/A	N/A	11/11/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130769	1.0000	N/A	N/A	17/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130771	1.0000	N/A	N/A	23/02/2083	Right of Way	Surface











## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

<u>Contract / Deed</u>									
<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	ROW	Empire Energy E&P, LLC	RW311010125	1.0000	N/A	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010126	1.0000	N/A	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010127	1.0000	N/A	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010128	1.0000	N/A	N/A	3/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010129	1.0000	N/A	N/A	11/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010130	1.0000	N/A	N/A	20/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010131	1.0000	N/A	N/A	12/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010132	1.0000	N/A	N/A	18/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010133	1.0000	N/A	N/A	2/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010134	1.0000	N/A	N/A	19/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010135	1.0000	N/A	N/A	19/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010136	1.0000	N/A	N/A	18/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010137	1.0000	N/A	N/A	19/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010138	1.0000	N/A	N/A	10/09/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010139	1.0000	N/A	N/A	7/06/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010140	1.0000	N/A	N/A	11/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010141	1.0000	N/A	N/A	17/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010142	1.0000	N/A	N/A	18/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010143	1.0000	N/A	N/A	17/07/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010144	1.0000	N/A	N/A	1/08/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010145	1.0000	N/A	N/A	16/10/2084	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010146	1.0000	N/A	N/A	19/06/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311010147	1.0000	N/A	N/A	27/01/2083	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311090100	1.0000	N/A	N/A	13/01/2082	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170001	1.0000	N/A	N/A	5/09/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170002	1.0000	N/A	N/A	5/09/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170003	1.0000	N/A	N/A	9/10/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170004	1.0000	N/A	N/A	5/09/2102	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311170005	1.0000	N/A	N/A	10/08/2104	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210001	1.0000	N/A	N/A	2/10/2096	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210002	1.0000	N/A	N/A	8/08/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210003	1.0000	N/A	N/A	3/11/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210004	1.0000	N/A	N/A	18/10/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210005	1.0000	N/A	N/A	2/05/2096	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210006	1.0000	N/A	N/A	26/09/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210007	1.0000	N/A	N/A	12/09/2096	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210008	1.0000	N/A	N/A	29/07/2095	Right of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW311210009	1.0000	N/A	N/A	26/07/2095	Right of Way	Surface
PA	O&G	Empire Energy E&P, LLC	370050001	0.5000	0.8750	45	15/12/1996	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370050002	0.7501	0.8750	151	11/01/1990	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050003	0.3570	0.8750	140	21/05/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050004	0.2500	0.8750	50	4/11/1996	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370050005	0.3750	0.8750	191	31/07/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050006	0.3750	0.8750	50	23/02/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370050007	0.3750	0.8750	91	19/04/1995	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310002	1.0000	0.8750	35	28/09/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310003	1.0000	0.8750	20	16/11/1975	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310004	1.0000	0.8750	126	30/12/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310005	1.0000	0.8750	7.151	8/08/1990	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310006	1.0000	0.8750	170	22/08/1957	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310007	1.0000	0.8750	84	12/08/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310008	0.6250	0.8750	104	29/09/1993	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310009	1.0000	0.8750	175.1	12/01/1990	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310010	1.0000	0.8750	14	7/11/1998	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310011	1.0000	0.8750	152	9/01/1966	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370130012	1.0000	0.8750	189	15/02/1929	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310013	0.7501	0.8750	103	11/01/1990	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310014	1.0000	0.8750	12.5	11/10/1914	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310015	0.5000	0.8750	5	1/05/1998	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310016	0.3750	0.8750	50	25/10/1994	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310017	1.0000	0.8750	51	21/01/1967	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310018	0.7501	0.8750	116	30/01/1992	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310019	0.2500	0.8750	47	7/10/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310020	1.0000	0.8750	1.35	29/09/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310021	1.0000	0.8750	100	2/04/1950	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310022	0.6250	0.8750	7.31	11/04/1997	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310023	0.8748	0.8750	23.978	8/11/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310024	1.0000	0.8750	8	29/09/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310025	1.0000	0.8750	87.16	17/12/1998	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310026	0.2500	0.8750	5	29/04/1997	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310027	0.6250	0.8750	80	15/06/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310028	1.0000	0.8750	21	25/09/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310029	1.0000	0.8750	3	29/09/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310030	1.0000	0.8750	48	17/09/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310031	1.0000	0.8750	102	9/12/1989	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310032	0.2500	0.8750	124	1/02/1998	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310033	1.0000	0.8750	64	2/08/1960	HBP,Producing	Surface BTM Elk

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

<u>Contract / Deed</u>									
<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
PA	O&G	Empire Energy E&P, LLC	370310034	1.0000	0.8750	35	23/02/1984	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310035	0.6667	0.8750	101	1/04/2000	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310036	0.5000	0.8750	100	9/09/1997	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310037	1.0000	0.8750	8	20/06/1993	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310039	1.0000	0.8750	114	24/03/1993	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310040	1.0000	0.8750	17	19/10/2014	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310041	1.0000	0.8750	63	28/11/2004	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310042	1.0000	0.8750	220	16/05/1966	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310043	1.0000	0.8750	180.8875	13/11/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310044	1.0000	0.8750	100	3/08/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310045	1.0000	0.8750	60	25/08/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310046	0.6667	0.8750	1.5	20/11/2002	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310047	1.0000	0.8750	51	11/01/1991	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310048	1.0000	0.8750	124	15/04/1960	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310049	1.0000	0.8750	101	4/03/1989	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310050	0.5000	0.8750	54.66	3/12/1996	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310051	1.0000	0.8750	101.52	18/09/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310052	1.0000	0.8750	7.70625	14/10/2001	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310053	1.0000	0.8750	19	20/08/1986	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310054	1.0000	0.8750	20	15/09/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310055	0.6667	0.8750	85.96	1/04/2018	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310056	1.0000	0.8750	83.189	1/04/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310057	1.0000	0.8750	65	1/04/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310058	1.0000	0.8750	35	18/12/2005	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310059	1.0000	0.8750	71	15/09/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310060	0.5000	0.8750	40	1/06/1996	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370310061	0.6667	0.8750	85.33	15/09/2018	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370310062	1.0000	0.8750	120	22/08/2004	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370490179	1.0000	0.7881	223	23/03/1979	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490190	1.0000	0.8488	21.89	30/06/1979	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490191	1.0000	0.8488	17.78	11/07/1979	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490192	1.0000	0.8488	9	9/06/1989	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490203	1.0000	0.8488	140	9/10/1982	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490204	1.0000	0.8488	114.79	15/06/1989	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490205	1.0000	0.8488	21.5	14/11/1981	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490209	1.0000	0.8222	82	25/06/1984	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490213	1.0000	0.8488	38	16/06/1982	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490222	1.0000	0.7922	115	18/12/1981	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490223	1.0000	0.7881	124	4/05/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490224	1.0000	0.8488	9.51	18/06/2001	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490225	1.0000	0.8488	21.9	21/06/1983	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490227	1.0000	0.8222	57	11/11/1983	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490228	1.0000	0.8488	10.027	26/09/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490229	1.0000	0.8488	10.027	18/09/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490252	1.0000	0.8488	31.68	3/12/1982	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490253	1.0000	0.8488	48.07	1/12/1982	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490254	1.0000	0.8488	45	10/04/1982	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490255	1.0000	0.8488	233	5/07/1981	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490256	1.0000	0.8488	120.55	20/09/1981	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490257	1.0000	0.8488	19	31/03/2001	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490290	0.9255	0.8167	44.07	6/11/1982	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490291	1.0000	0.8488	92.46	22/12/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490292	1.0000	0.8488	98.5	18/05/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490293	1.0000	0.8488	202.17	9/05/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490294	1.0000	0.8488	81	8/10/2002	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490314	1.0000	0.8488	57	29/10/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490321	1.0000	0.8488	96.58	7/08/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490335	1.0000	0.7881	39	8/07/1981	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490336	1.0000	0.7881	280	26/07/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490337	1.0000	0.7881	38.93	6/07/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490338	1.0000	0.8488	13.76	7/05/1984	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490339	1.0000	0.7881	47.84	28/06/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490340	1.0000	0.8488	109	16/02/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490345	1.0000	0.8488	21.12	31/08/1985	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490354	1.0000	0.7881	93	30/06/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490355	1.0000	0.7881	25	27/06/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490356	1.0000	0.8488	2.58	25/06/1983	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490376	1.0000	0.8488	225	21/11/1985	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490405	1.0000	0.8488	50	23/04/1987	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490418	1.0000	0.8488	138.75	22/09/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490419	1.0000	0.8488	137	2/03/1983	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490420	1.0000	0.7881	75	24/08/1986	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490421	1.0000	0.8488	100	1/05/1985	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490433	1.0000	0.8488	175	11/08/1985	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490445	1.0000	0.8488	99.19	18/09/1988	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490475	1.0000	0.8488	100	24/11/1989	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490498	1.0000	0.8488	75	14/08/1987	HBP,Producing	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

Contract / Deed

<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
PA	O&G	Empire Energy E&P, LLC	370490501	1.0000	0.8488	119.2	20/08/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490512	1.0000	0.7881	225	26/07/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490520	1.0000	0.7881	20	20/08/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490553	1.0000	0.8488	50	1/03/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490556	1.0000	0.8488	80	16/01/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490613	1.0000	0.8488	187	17/11/1996	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490640	1.0000	0.8488	50	15/03/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490659	1.0000	0.7881	100	10/08/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490660	1.0000	0.8488	67	16/06/1988	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490661	1.0000	0.7881	38	4/07/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490662	1.0000	0.8488	0.94	8/07/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490675	1.0000	0.8488	434.21	17/11/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490678	1.0000	0.8488	20	4/11/1990	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490679	1.0000	0.8488	95	3/06/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490680	1.0000	0.8488	20	5/08/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490681	1.0000	0.8488	50	2/05/1981	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490682	1.0000	0.8488	36	23/06/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490683	1.0000	0.8488	21	5/06/1982	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490688	1.0000	0.8488	152.48	6/08/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490693	1.0000	0.8488	151	8/04/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490699	1.0000	0.8488	100	9/10/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490715	1.0000	0.8488	23.75	22/03/1980	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490725	1.0000	0.8488	271.12	29/12/1979	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490726	1.0000	0.8488	140.13	27/04/1978	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490750	1.0000	0.8222	139.9	19/01/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490751	1.0000	0.8222	225	17/10/1983	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490752	1.0000	0.8488	89.59	15/06/1989	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490753	1.0000	0.8488	28	27/04/2001	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490754	1.0000	0.8488	10.86	19/01/1987	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490943	1.0000	0.7881	97	25/04/1982	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490944	1.0000	0.7881	98	6/07/1981	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490945	1.0000	0.7881	175	8/02/1982	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490946	1.0000	0.7881	127.14	14/04/1980	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490947	0.7350	0.8488	165	27/06/1981	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490948	1.0000	0.7881	37	9/08/1986	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490949	1.0000	0.7881	82	3/07/1986	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490950	1.0000	0.7881	170	12/09/1980	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490951	1.0000	0.7881	216	2/06/1986	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490952	1.0000	0.7881	150	11/03/1987	HBP, Producing	Surface Top Queenstn
PA	O&G	Empire Energy E&P, LLC	370490953	1.0000	0.8488	83	14/06/1986	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370490954	1.0000	0.8488	167	1/05/1985	HBP, Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370650001	1.0000	0.8750	44	28/12/2018	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650002	1.0000	0.8750	36	17/02/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650003	1.0000	0.8750	86	4/05/1945	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650004	1.0000	0.8750	35	3/08/1963	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650005	1.0000	0.8750	106	27/05/1950	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650006	1.0000	0.8750	140	27/05/1950	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650007	0.2500	0.8750	221	12/12/1997	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370650008	1.0000	0.8750	6	5/01/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650009	1.0000	0.8750	36	17/06/1945	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650010	1.0000	0.8750	84	6/01/1951	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650011	1.0000	0.8750	40	27/01/1960	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650012	1.0000	0.8750	108	18/02/2003	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650013	1.0000	0.8750	15	20/09/2015	Leased,DelayRental	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650014	1.0000	0.8750	76	10/10/2000	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650015	1.0000	0.8750	76	10/10/2000	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650016	1.0000	0.8750	135	7/04/1961	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370650017	1.0000	0.8750	200	5/04/1960	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650018	1.0000	0.8750	22	25/01/1987	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650019	1.0000	0.8750	73.73	31/01/1995	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650020	1.0000	0.8750	177	2/01/1961	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650021	1.0000	0.8750	133.4	13/03/1992	HBP,Producing	All Horizons
PA	O&G	Empire Energy E&P, LLC	370650022	0.8000	0.8750	32	3/08/1962	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650023	1.0000	0.8750	42	7/04/1993	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650024	1.0000	0.8750	101	13/06/1939	HBP,Producing	Surface BTM Elk
PA	O&G	Empire Energy E&P, LLC	370650025	0.8000	0.8750	104	25/09/1964	HBP,Producing	Surface BTM Elk
PA	ROW	Empire Energy E&P, LLC	RW370490001	1.0000	N/A	N/A	22/01/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490002	1.0000	N/A	N/A	22/01/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490003	1.0000	N/A	N/A	19/02/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490004	1.0000	N/A	N/A	15/12/2032	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490005	1.0000	N/A	N/A	8/03/2033	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490006	1.0000	N/A	N/A	30/06/2039	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490007	1.0000	N/A	N/A	26/05/2040	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490008	1.0000	N/A	N/A	26/05/2040	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490009	1.0000	N/A	N/A	31/03/2043	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490010	1.0000	N/A	N/A	7/10/2031	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490011	1.0000	N/A	N/A	17/05/2040	Right of Way	Surface











EMPIRE ENERGY GROUP LIMITED - OIL & GAS TENEMENTS (USA)

Contract / Deed									
State	Type	Operator	Empire ID	WI	NRI	Acres	Maturity	Status	Formation
PA	ROW	Empire Energy E&P, LLC	RW370490417	1.0000	N/A	N/A	2/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490418	1.0000	N/A	N/A	13/11/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490419	1.0000	N/A	N/A	2/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490420	1.0000	N/A	N/A	13/08/2083	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490421	1.0000	N/A	N/A	9/03/2104	Right of Way	Surface
PA	ROW	Empire Energy E&P, LLC	RW370490423	1.0000	N/A	N/A	18/10/2087	Right of Way	Surface
KS	O&G	McCoy Petroleum Corporation	150250011	0.11297918	0.08986364	-	28/07/1991	HBP, Producing	All Horizons
KS	O&G	McCoy Petroleum Corporation	150250012	0.11297918	0.08986364	80	1/04/1991	HBP, Producing	All Horizons
KS	O&G	McCoy Petroleum Corporation	150250013	0.11297918	0.08986364	-	24/03/1992	HBP, Producing	All Horizons
KS	O&G	McCoy Petroleum Corporation	150250014	0.11297918	0.08986364	-	24/03/1992	HBP, Producing	All Horizons
									6,359 feet and above or the base of Viola and above, whichever is greater
KS	O&G	Empire Energy E&P, LLC	150330001	0.90127223	0.73192990	-	19/11/1993	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330002	0.90127223	0.73192990	160	9/09/1995	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330003	0.90127223	0.73192990	-	20/08/1995	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330004	0.90127223	0.73192990	-	16/09/1995	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330005	0.90127223	0.71714498	160	6/07/1985	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330006	0.90127223	0.71714499	320	22/06/1985	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330007	0.90127223	0.71714499	160	22/06/1985	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330008	0.90127223	0.71714498	160	6/07/1985	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150330009	0.90127223	0.71714499	120	22/06/1985	HBP, Producing	All Horizons
KS	O&G	Sandridge Exploration and Production, LLC	150330010	0.00000000	0.04237478	160	14/11/1994	HBP, Producing	All Horizons
KS	O&G	Sandridge Exploration and Production, LLC	150330011	0.00000000	0.04237478	-	14/11/1994	HBP, Producing	All Horizons
KS	O&G	Sandridge Exploration and Production, LLC	150330012	0.00000000	0.04237478	-	14/11/1993	HBP, Producing	All Horizons
KS	O&G	Sandridge Exploration and Production, LLC	150330013	0.00000000	0.04237478	-	14/11/1994	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510001	0.90127223	0.76338109	100	23/03/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510002	0.90127223	0.76338120	160	23/03/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510003	0.90127223	0.76338120	160	28/03/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510004	0.90127223	0.76338120	160	28/03/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510005	0.90127223	0.76338120	160	23/03/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510006	0.90127223	0.76338120	80	23/03/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510007	0.90127223	0.76338120	160	2/04/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510008	0.86000000	0.72842344	240	26/03/1945	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510009	0.86000000	0.72879932	160	9/06/1954	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510010	0.86000000	0.72879932	-	23/05/1954	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510011	0.86000000	0.71591044	160	23/08/1954	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510012	0.86000000	0.71591044	-	9/09/1954	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510013	0.86000000	0.72842344	10	31/01/1929	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510014	0.58480000	0.49640857	160	8/02/1929	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510015	0.90127223	0.74152534	70	4/04/1946	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510016	0.90127223	0.71193458	160	26/07/1971	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510017	0.90127223	0.70245786	80	14/12/1981	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510018	0.90127223	0.71193458	146	29/04/1971	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150510019	0.50000000	0.42437500	160	8/02/2013	HBP, Producing	All Horizons
KS	O&G	Empire Energy	150510020	1.00000000	0.87500000	320	24/02/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630001	0.68800000	0.58394000	160	3/04/2009	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630002	0.68800000	0.58394000	160	3/04/2009	HBP, Producing	All Horizons
KS	O&G	NorWest Kansas Oil	150630003	0.54450000	0.42253200	80	7/12/2010	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630003	0.99000000	0.76824000	240	7/12/2010	HBP, Producing	All Horizons
KS	O&G	NorWest Kansas Oil	150630004	0.54450000	0.42253200	80	23/09/2010	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630004	0.99000000	0.76824000	1520	23/09/2010	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630005	0.99000000	0.76824000	160	30/09/2010	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630006	0.99000000	0.76824000	160	30/09/2010	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630007	0.99000000	0.76824000	160	30/09/2010	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630008A	1.00000000	0.84375000	640	7/12/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630009A	1.00000000	0.84375000	-	7/12/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630010A	1.00000000	0.84375000	-	7/12/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630011	1.00000000	0.84375000	160	7/06/2016	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630012	1.00000000	0.84375000	-	7/06/2016	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630013	1.00000000	0.84375000	-	7/06/2016	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630017	1.00000000	0.87500000	322	9/01/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630018	1.00000000	0.87500000	480	10/01/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630021A	1.00000000	0.86500000	320	31/05/2017	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630022	1.00000000	0.87500000	160	26/07/2017	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630023	1.00000000	0.87500000	160	17/09/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150650001	0.70720160	0.56114892	160	3/09/1952	HBP, Producing	All Horizons
KS	O&G	Empire Energy E&P, LLC	150650002	0.90127223	0.70874139	160	3/02/1954	HBP, Producing	All Horizons
KS	O&G	Empire Energy	150650006	1.00000000	0.84250000	160	15/08/2016	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy	150650007	1.00000000	0.84250000	160	19/07/2016	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy	150650008	1.00000000	0.84250000	160	19/07/2016	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150790001	1.00000000	0.81250000	320	3/04/2015	Leased, Paid Up	All Horizons
KS	O&G	Empire Energy E&P, LLC	150790002	1.00000000	0.87500000	80	14/03/2015	Leased, Paid Up	All Horizons

## EMPIRE ENERGY GROUP LIMITED - OIL &amp; GAS TENEMENTS (USA)

<u>Contract / Deed</u>										
<u>State</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>	
KS	O&G	Empire Energy E&P, LLC	150790003	1.00000000	0.87500000	160	14/03/2015	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	150790004	1.00000000	0.81250000	320	11/05/2015	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	150790005	1.00000000	0.84375000	40	13/02/2015	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	150790010	1.00000000	0.84375000	40	23/10/2015	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	150970001	0.68800771	0.57577722	80	19/04/1965	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151190001	0.14000000	0.11200000	173	22/02/2013	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151190002	0.14000000	0.11200000	160	4/06/2016	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151190003	0.14000000	0.11200000	-	4/06/2016	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151190004	0.15458980	0.11696289	160	29/03/1982	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151190004	0.13355767	0.10104973	160	29/03/1982	HBP, Producing	All Horizons	
KS	O&G	Oolite Energy, Corp.	151190005	0.04814300	0.03715700	160	29/07/2012	HBP, Producing	All Horizons	
KS	O&G	Oolite Energy, Corp.	151190006	0.07000000	0.05600000	148.68	28/02/2014	HBP, Producing	All Horizons	
KS	O&G	Oolite Energy, Corp.	151190007	0.07000000	0.05600000	-	1/04/2013	HBP, Producing	All Horizons	
KS	O&G	Oolite Energy, Corp.	151190008	0.14685710	0.11454854	153.03	11/04/2013	HBP, Producing	All Horizons	
KS	O&G	Vess Oil Corporation	151350001	0.23719400	0.19940116	160	26/03/1987	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151450001	0.90127223	0.75026768	160	19/06/1949	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151510001	0.90127223	0.76338120	160	21/03/1950	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151550001	0.90127223	0.62678199	80	30/03/1937	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151590001	0.98000000	0.81677778	72.7002	16/05/2015	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151630001	0.58480000	0.48633860	160	12/06/1957	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151630002	0.90127223	0.76338120	160	6/04/1946	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151630003	0.90127223	0.76338120	160	30/04/1952	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151630004	0.90127223	0.76495481	160	25/11/1988	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151650001	0.90127223	0.71557136	160	24/10/1970	HBP, Producing	All Horizons	
KS	O&G	Empire Energy	151650003	1.00000000	0.87500000	160	24/02/2015	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670001	0.56391050	0.49217067	20	20/03/1933	HBP, Producing	All Horizons	
KS	O&G	Murfin Drilling Company, Inc.	151670002	0.15525445	0.12212438	70	21/10/1939	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670003	0.56391050	0.49217067	-	20/03/1933	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670004	0.56391050	0.49217067	-	20/03/1933	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670005	0.70720160	0.59866379	80	3/06/1934	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670006	0.35360062	0.29933190	80	10/05/1928	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670007	0.58480000	0.49484744	160	14/04/1928	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670008	0.86000000	0.72842344	80	10/12/1928	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670009	0.58480000	0.49484744	40	16/05/1928	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670010	0.70720160	0.59866379	160	10/08/1945	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670011	0.70720160	0.59866379	-	6/12/1945	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670012	0.90127224	0.76338119	160	16/02/1945	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670013	0.86000000	0.70756844	160	20/02/1944	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670014	0.70720160	0.59866379	40	10/05/1944	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670015	0.90127223	0.76338120	160	4/09/1944	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670016	0.70720160	0.59866379	120	4/09/1939	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670017	0.90127223	0.65431425	160	6/03/1939	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670018	0.90127223	0.76495481	200	30/10/1973	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670019	0.90127223	0.76495481	240	30/03/1989	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670020	0.86000000	0.72842344	40	2/02/1945	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670021	0.86000000	0.72842344	160	6/02/1944	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670022	0.86000000	0.72891174	160	6/02/1944	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670023	0.86000000	0.72842344	220	12/02/1944	HBP, Producing	All Horizons	
KS	Minerals	Empire Energy E&P, LLC	151670024	0.00000000	0.00048830	320	N/A	Fee	All Horizons	
KS	Minerals	Empire Energy E&P, LLC	151670025	0.00000000	0.00016277	320	N/A	Fee	All Horizons	
KS	Minerals	Empire Energy E&P, LLC	151670026	0.00000000	0.00016277	320	N/A	Fee	All Horizons	
KS	Minerals	Empire Energy E&P, LLC	151670027	0.00000000	0.00146490	160	N/A	Fee	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151670028	0.90127223	0.76495481	160	14/09/1992	HBP, Producing	All Horizons	
KS	O&G	Empire Energy	151670029	1.00000000	0.87500000	80	5/02/2015	Leased, Paid Up	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850001	0.86000000	0.72842344	80	6/06/1949	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850002	0.90127223	0.76338120	70	29/05/1952	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850003	0.90127223	0.76338120	70	5/02/1947	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850004	0.58480000	0.49484744	100	20/04/1938	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850004	0.86000000	0.72842344	120	20/04/1938	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850005	0.90127223	0.76416783	160	13/09/1974	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850006	0.90127223	0.76416783	120	13/09/1974	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850007	0.90127223	0.76338120	80	19/05/1946	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850008	0.90127223	0.76338111	160	14/06/1946	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850009	0.70720160	0.58837395	160	6/10/1949	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850010	0.86000000	0.72842344	99	10/06/1949	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850011	0.90127223	0.71714491	160	2/03/1991	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850012	0.90127223	0.71714499	160	9/04/1986	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850013	0.90127223	0.71687194	160	24/02/1991	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850014	0.90127223	0.71687194	-	24/02/1991	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850015	0.90127223	0.71687194	-	24/02/1991	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850016	0.90127223	0.71687194	-	24/02/1991	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850017	0.90127223	0.71687194	40	8/03/1991	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850018	0.92627223	0.76495481	80	30/06/2002	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850019	0.50000000	0.42437500	160	3/02/2012	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850020	0.50000000	0.42437500	-	3/02/2012	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850021	0.50000000	0.42437500	-	3/02/2012	HBP, Producing	All Horizons	
KS	O&G	Empire Energy E&P, LLC	151850022	0.50000000	0.42437500	-	18/01/2013	HBP, Producing	All Horizons	

**EMPIRE ENERGY GROUP LIMITED - OIL & GAS TENEMENTS (USA)**

<u>State</u>	<u>Contract /Deed</u>	<u>Type</u>	<u>Operator</u>	<u>Empire ID</u>	<u>WI</u>	<u>NRI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
KS		O&G	Empire Energy E&P, LLC	151850023	0.50000000	0.42437500	160	18/01/2012	HBP, Producing	All Horizons
KS		O&G	Empire Energy E&P, LLC	151850024	0.50000000	0.42437500	-	18/01/2012	HBP, Producing	All Horizons
KS		O&G	Empire Energy E&P, LLC	151850025	1.00000000	0.87500000	160	9/05/2015	Leased, Paid Up	All Horizons
KS		O&G	Empire Energy E&P, LLC	151850026	1.00000000	0.87500000	-	9/05/2015	Leased, Paid Up	All Horizons
KS		O&G	Empire Energy E&P, LLC	151850027	1.00000000	0.87500000	-	16/05/2015	Leased, Paid Up	All Horizons
KS		O&G	Empire Energy E&P, LLC	151850028	1.00000000	0.87500000	-	9/05/2015	Leased, Paid Up	All Horizons
KS		O&G	Empire Energy E&P, LLC	151850029	1.00000000	0.87500000	-	2/07/2015	Leased, Paid Up	All Horizons
KS		Minerals	Empire Energy E&P, LLC	151850030	0.00000000	0.00078125	160.54	N/A	Fee	All Horizons
KS		Minerals	Empire Energy E&P, LLC	151850030	0.00000000	0.00104165	80	N/A	Fee	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710001	1.00000000	0.81250000	154.25	20/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710002	1.00000000	0.81250000	160	13/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710003	1.00000000	0.81250000	80	14/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710004	1.00000000	0.81250000	160	14/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710005	1.00000000	0.81250000	205	23/12/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710006	1.00000000	0.81250000	280	14/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710007	1.00000000	0.81250000	320	2/12/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710008	1.00000000	0.81250000	280	13/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710009	1.00000000	0.81250000	40	13/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710010	1.00000000	0.81250000	160	20/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710011	1.00000000	0.81250000	160	20/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710012	1.00000000	0.81250000	160	19/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710013	1.00000000	0.81250000	320	19/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710014	1.00000000	0.81250000	319	21/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710015	1.00000000	0.81250000	160	19/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710016	1.00000000	0.81250000	150	19/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710017	1.00000000	0.81250000	80	21/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710018	1.00000000	0.81250000	148.53	14/11/2017	Leased, Paid Up	All Horizons
OK		O&G	Empire Energy E&P, LLC	350710019	1.00000000	0.81250000	-	14/11/2017	Leased, Paid Up	All Horizons

**EMPIRE ENERGY GROUP LIMITED - PETROLEUM TENEMENTS (AUSTRALIA)**

<u>State</u>	<u>Contract/Deed</u>	<u>Type</u>	<u>Operator</u>	<u>IOG ID</u>	<u>WI</u>	<u>NRI<sup>(1)</sup></u>	<u>Area Km2</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NT		O&G	Imperial Oil & Gas Pty Ltd	EPA 180	1.0000	0.8800	14,950	N/A	In negotiation	All Horizons
NT		O&G	Imperial Oil & Gas Pty Ltd	EPA 181	1.0000	0.8800	14,460	N/A	In negotiation	All Horizons
NT		O&G	Imperial Oil & Gas Pty Ltd	EPA 182	1.0000	0.8800	12,550	N/A	In negotiation	All Horizons
NT		O&G	Imperial Oil & Gas Pty Ltd	EPA 183	1.0000	0.8800	860	N/A	In negotiation	All Horizons
NT		O&G	Imperial Oil & Gas Pty Ltd	EP 184	1.0000	0.8800	11,220	21/08/2018	Granted	All Horizons
NT		O&G	Imperial Oil & Gas Pty Ltd	EPA 187	1.0000	0.8800	3,004	N/A	In negotiation	All Horizons
NT		O&G	Imperial Oil & Gas Pty Ltd	EPA 188	1.0000	0.8800	1,453	N/A	In negotiation	All Horizons

<sup>(1)</sup> Note: The NRI is an approximation only and has been calculated as follows:

- a. Typically the Northern Territory state royalty system is based on a notional 10% wellhead value, ad valorem type royalty with deduction for certain expenses including costs associated with transportation of product to market. Typically this reduces the effective ad valorem royalty to ~7% of well head value.
- b. In addition, the Company will pay both a royalty and a 'Blue Sky Profit' under the terms of the actual and proposed terms of agreement with the Traditional Land Owners for each lease. These arrangements are 'Confidential' but would add additional royalties at substantially higher well head values.
- c. EP187 was issued on March 20, 2015.