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## Quarterly Report – For the period ending 31 December 2015

28 January 2016

### 4<sup>th</sup> QUARTER OVERVIEW

The Directors are pleased to provide the following update of the Company's operations:

- Definitive Agreement signed by the Company's 100% owned subsidiary Imperial Oil & Gas Pty Ltd for the US\$60 million Phase One funding Farm-out of its McArthur Basin, Northern Territory assets. This Agreement also includes:
  - A payment to the Company of US\$7.5 million (~A\$11 million) at closing expected to be mid-April 2016;
  - A second payment to the Company of US\$7.5 million (~A\$11 million) subject to the completion of a series of deliverables, expected over 2016; and
  - Access to up to US\$100 million of funding for Phase Two development.
- In New York State negotiations were completed for the acquisition of an estimated 1bcf of net recoverable natural gas and operating wells, along with approximately 30,000 gross, held by production, acres.
- Estimated revenues US\$4.2 million (3Q2015: US\$4.5 million).
- Gross production
  - Oil: 49,286 Bbl (3Q2015: 55,595) -11.3%
  - Gas: 529,985 Mcf (3Q2015: 553,336) -4.2%
- Unaudited Operating EBITDAX US\$2.1 million (3Q2015: US\$2.6 million).
- Estimated Group EBITDAX for the period was US\$1.32 million (3Q2015: US\$1.72 million).
- Annual Group G&A expenses reduced by around 10%.
- EBITDA/Interest for the quarter at 2.6 times.
- Current marked to market oil and natural gas hedge book approximately +US\$12.4 million.
- Cash Position at the end of the quarter was US\$1.1 million.

## OPERATING REVIEW

### A. Empire Energy USA, LLC (100%)

The Company's USA operations are in the Mid-Con (oil) and the Appalachian Basin (oil & gas). During the current period of depressed prices, the Company's focus has been on reducing operating costs and overheads. Measures taken to date to reduce costs include planned drilling and well enhancement programs being suspended and more effective operating processes implemented. Other than for key personal the Company operates on a 'contract out basis' and as such large costly employee reductions have not been necessary. Management continues to seek ways to reduce both operating and overhead costs during this current oil market turmoil.

#### 1. Appalachia (Western New York and Pennsylvania):

The Company continues to seek and implement new arrangements to improve operating margins and enhance profitability. These include:

- Opportunities for the Company to undertake contract well tending, meter integration, field services and accounting responsibilities for other producers. This allows Empire to extend the utilization of existing resources and generate additional sources of revenue.
- Bolt-on acquisitions of producing natural gas wells. As a fully integrated operator Empire can acquire existing operating wells and with little to no upgrade cost bring wells back to efficient operating levels. Over 200 wells have been or are being acquired at minimal cost to Empire. This will add an estimated 2bcf of net natural gas reserves to the Company. Programs to evaluate these new wells, repairing pipelines and surface equipment is all undertaken 'in house'. The Company expects paybacks on these acquisitions to be less than 6 months based on existing production. Enhanced production will further reduce the payback period. In addition, for no cost these acquisitions have added an additional ~35,000 gross (held by production) acres in Western New York State.
- Compressors acquired through acquisitions are allowing relocations and more efficient operations. Leased compressors are being decommissioned and returned.
- Rights of way are being obtained so the Company can run new pipelines to connect wells to markets with higher pricing. The construction of a new ~1 mile pipeline is due to commence post winter.
- The Company continues to work with EcoStrategies Engineering & Surveying, PLLC to identify alternative energy solutions utilising new generation natural gas generators. Natural gas pricing in the range of \$4.00 to \$5.00/Mcf maintains a very competitive margin over alternative energy sources.

**2. Mid-Continent (Kansas and Oklahoma):**

Over the period the Company implemented a '*Production Matrix*' for all 300+ operating oil and disposal wells. This enables the Company to allocate any oil price to the matrix and field operations can precisely identify economic and non-economic oil production at that oil price. Wells can then be immediately shut in. Any increase in price identifies which wells can then be bought back on line. In this way, the Company has tighter control over its highest production cost, electricity.

- Quarterly production was 571Boe/d, a decrease of 66 Boe/d compared with the same period in 2014. The decrease was primarily due to the curtailment of production from economically challenged wells, postponed drilling and recompletion activities and normal field decline, partially offset by newly acquired production and increased operating efficiencies.
- The Company continues to seek to identify bolt-on acquisitions opportunities that can be integrated with no additional overhead.
- Interpretation of the seismic data acquired in a portion of the Kay Co, OK continues.

**Production:**

Description	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/12/2014
<b>Gross Production:</b>				
Oil (Bbls)	49,286	62,128	214,714	250,447
Natural gas (Mcf)	529,985	612,181	2,211,599	2,439,182
<b>Net Production by Region:</b>				
Oil (Bbls)				
Appalachia	1,474	1,063	4,640	3,843
Mid-Con	30,750	39,225	134,979	156,396
Total Oil	32,224	40,288	139,619	160,239
<b>Weighted Avg Sales Price (\$/Bbl)</b>				
Before Hedge	35.68	67.39	43.29	87.37
After Hedge	72.09	78.39	72.25	84.94
<b>Natural gas (Mcf)</b>				
Appalachia	414,254	478,125	1,740,798	1,891,811
Mid-Con	103	3,018	7,700	17,551
Total Natural Gas	414,357	481,143	1,748,498	1,909,362
<b>Weighted Avg Sales Price (\$/Mcf)</b>				
Before Hedge	1.80	3.40	1.90	3.93
After Hedge	4.24	4.73	3.92	5.00
<b>Oil Equivalent (Boe):</b>				
Appalachia	70,517	80,751	294,774	319,145
Mid-Con	30,767	39,728	136,262	159,322
Total	101,284	120,479	431,036	478,467
<b>Boe/d</b>	<b>1,101</b>	<b>1,310</b>	<b>1,579</b>	<b>1,753</b>
<b>Weighted Avg Sales Price (\$/Boe)</b>				
Before Hedge	18.70	36.13	21.72	44.96
After Hedge	40.28	45.11	39.32	48.38
<b>Lifting Costs (incl. taxes):</b>				
Oil - Midcon (/Bbl)	24.25	28.50	24.54	27.60
Natural gas - Appalachian (/Mcf)	2.39	2.04	2.26	2.12
Oil Equivalent (/BOE)	17.50	17.69	17.10	17.71

**Financials:**

Description	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/12/2014
Net Revenue:				
Oil Sales	2,337,176	3,158,121	10,101,940	13,611,211
Natural Gas Sales	1,753,575	2,271,560	6,848,436	9,515,903
Working Interest	2,888	4,854	11,844	22,956
Net Admin Income	93,192	114,422	355,993	461,259
Other Income	15,487	(133,191)	54,965	3,570
<b>Total Revenue</b>	<b>4,202,318</b>	<b>5,415,766</b>	<b>17,373,178</b>	<b>23,614,899</b>
Production costs:				
Lease operating expenses - Oil	784,853	1,014,773	3,281,348	3,755,934
Lease operating expenses - Gas	858,592	885,826	3,248,655	3,431,190
Taxes - Oil	6,441	133,321	186,441	647,591
Taxes - Natural Gas	313	97,752	196,616	617,026
<b>Total</b>	<b>1,650,199</b>	<b>2,131,672</b>	<b>6,913,060</b>	<b>8,451,741</b>
<b>Field EBITDAX</b>	<b>2,552,119</b>	<b>3,284,094</b>	<b>10,460,118</b>	<b>15,163,158</b>

**Less:**

Inventory adjustment	35,018	(46,162)	160,008	162,779
Reserve Enhancements	48,022	46,496	62,862	346,799
Nonrecurring expenses	180,379	451,284	818,162	1,646,399
G & G Costs	9,941	28,744	51,336	118,168
Field Overhead	204,000	180,000	788,000	720,000
<b>Total</b>	<b>477,360</b>	<b>660,362</b>	<b>1,880,368</b>	<b>2,994,145</b>
<b>Operating EBITDAX</b>	<b>2,074,759</b>	<b>2,623,732</b>	<b>8,579,750</b>	<b>12,169,013</b>

**Less:**

Field G & A	197,811	160,229	832,361	687,683
Corporate G & A	339,176	477,495	1,547,702	1,859,359
Delay rental payments	9,906	7,823	74,455	260,462
Land Overhead & Non-leasing costs	2,314	5,929	10,726	7,659
Dry hole expenses	9,393	708	9,393	442,799
<b>Total</b>	<b>558,600</b>	<b>652,184</b>	<b>2,474,637</b>	<b>3,257,962</b>
<b>EBITDAX</b>	<b>1,516,159</b>	<b>1,971,548</b>	<b>6,105,113</b>	<b>8,911,051</b>

Revenue estimates have been made for the last 2 production months of the quarter under review due to customer payment/invoice cycles. As such, there may be changes to production, revenues and operating ratios for the previous quarter as final production statements are received.

**Exploration/Acquisition Expenses:**

Description	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/12/2014
<b>EBITDAX</b>	<b>1,516,159</b>	<b>1,971,548</b>	<b>6,105,113</b>	<b>8,911,051</b>
<b>Less:</b>				
Geological Services	(8,870)	1,950	28,924	35,484
Acquisition related expenses	100,120	39,977	256,184	669,112
Capital raise expenses	-	594,879	17,115	598,386
<b>Total</b>	<b>91,250</b>	<b>636,806</b>	<b>302,223</b>	<b>1,302,982</b>
<b>EBITDA</b>	<b>1,424,909</b>	<b>1,334,742</b>	<b>5,802,890</b>	<b>7,608,069</b>

**Net Earnings:**

Unaudited earnings for the period are shown below:

Description	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/12/2014
<b>EBITDA</b>	1,424,909	1,334,742	5,802,890	7,608,069
<b>Less:</b>				
Depn, Depl, Amort & ARO	1,472,224	2,458,469	5,976,317	6,551,473
Interest	545,706	515,042	2,055,133	2,014,264
(Gain) loss on sale of assets	(3,000)	(2)	614,492	(736,018)
P&A vs. ARO	213,287	-	356,565	-
Non-Cash & Interest Expenses	2,228,217	2,973,509	9,002,507	7,829,719
<b>Earnings before Tax</b>	<b>(803,308)</b>	<b>(1,638,767)</b>	<b>(3,199,617)</b>	<b>(221,650)</b>
<b>EBITDA/Interest (times)</b>	<b>2.61</b>	<b>2.59</b>	<b>2.82</b>	<b>3.78</b>

**Capital Expenditure/Asset Sales:**

Description	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/12/2014
Capital Expenditures				
Acquisition Capital	1,017,898	-	1,068,151	14,054
New Wells - IDC	785,419	882,296	878,276	2,392,063
New Wells - Capital	18,537	528,740	40,615	1,066,379
Undeveloped Leases	558,457	1,055,662	1,065,451	1,210,911
Cash from Sale of Assets	-	-	(942,034)	(1,266,050)
Capital Expenditures	2,380,311	2,466,698	2,110,459	3,417,357

**Credit Facilities:**

At the end of the quarter the Company had US\$39.4 million drawn at an average cost of LIBOR + 4.35%. An amount of US\$0.9 million was paid down over the quarter. Empire Energy retains Credit Facility availability of US\$160.6 million, which can be utilized for acquisitions and development drilling subject to normal energy borrowing base requirements.

	Drawdown End of Qtr US\$M	Interest Rate LIBOR +
Term	\$36,353	4.50%
Revolver	\$3,000	2.50%
	\$39,353	4.35%

**Hedging:**

A hedging policy has been implemented by the Company with the underlying objective to ensure the cash flows are protected over the period the Credit Facility is drawn for the funding of a defined set of assets. Hedge contracts are a component of Empire's Credit Facility and no cash margins are required if contracts are outside the marked to market price for each commodity hedged.

The following table summarizes current hedging in place based on NYMEX – Henry Hub and WTI Contracts:

Year	Est. Net mmBtu	Hedged mmBtu	%	Average \$/mmBtu	Est. Net Bbl	Hedged Bbl	%	Average \$/Bbl
2016	1,730,000	1,305,000	75.4%	\$ 4.35	126,000	99,600	79.0%	\$ 72.04
2017	1,675,000	1,068,000	63.8%	\$ 4.05	119,500	92,400	77.3%	\$ 72.01
2018	1,620,000	1,008,000	62.2%	\$ 4.11				
2019	1,550,000	491,500	31.7%	\$ 3.45				
	6,575,000	3,872,500	58.9%	\$ 4.09	245,500	192,000	78.2%	\$ 72.03

### **NET INCOME SUMMARY - USA OPERATIONS**

The accompanying table is for comparative purposes and consists of unaudited, condensed, consolidated financial statements prepared in accordance with generally accepted accounting principles in the United States of America (“U.S. GAAP”) for interim financial information. Accordingly, they do not include all of the information and footnotes required by U.S. GAAP for complete financial statements, although the Company believes that the disclosures made below are adequate to make the information not misleading.

Description	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/12/2014
<b>Revenues:</b>	4,202,318	5,415,766	17,373,178	23,614,899
<b>Costs &amp; Expenses:</b>				
Production costs & taxes	2,127,559	2,792,034	8,793,428	11,445,886
Depn, Depletion, Amort & ARO	1,472,224	2,458,469	5,976,317	6,551,473
General & Administration	649,850	1,288,990	2,776,860	4,560,944
<b>Income from Operations</b>	(47,315)	(1,123,727)	(173,427)	1,056,596
Interest	545,706	515,042	2,055,133	2,014,264
(Gain)/Loss on sale of assets	(3,000)	(2)	614,492	(736,018)
P&A vs. ARO	213,287	-	356,565	-
<b>Net Income/(Loss) before Tax</b>	(803,308)	(1,638,767)	(3,199,617)	(221,650)

### **IMPERIAL OIL & GAS PTY LTD (100%):**

The Company’s operations are in the Northern Territory, Australia.

#### **Operations:**

Current quarter actual and accrued expenses (Company policy is to expense all exploration costs):

Description – US\$	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/012/2014
Exploration Expenses – NT	292,912	103,345	986,856	1,823,110

**Farm-out Agreement Signed**

On December 24, 2015 the Company completed and signed the Farm-out documentation with AEGP Australia Pty Ltd (AEGP), a 100% affiliate of American Energy Partners, LP, (AELP) for the commencement of a joint venture of the Company's tenements in the McArthur Basin. AEGP has the right to earn an 80% working interest in the Company's tenements with an expenditure of US\$60 million (~A\$85 million) over the next 3 years. The agreement provides access to an additional US\$100 million in phase two funding. The Company will receive approximately US\$15 million (~A\$21 million) in upfront payments, being 50% on closing and then the further 50% on completion a series of deliverables, expected over 2016.

**Development highlights and ongoing work programs**

- A development program is being prepared with the subsurface and operational teams from AEGP with preliminary exploration work to commence at the end of the wet season. Plans are focused around:
  - A 2D seismic program across portions of EP's 184 and 187; and
  - At least one exploration well for EP187 along with several aquifer monitoring wells.
- Negotiations continue in relation to the completion of the agreements for EPA's 180, 181 and 182.
- An agreement has been reached with the University of Adelaide Centre for Tectonics Resources and Exploration to co-fund a research project into the McArthur Basin to analyse the basin formation and depositional environment. The research will assist in de-risking the exploration program by developing a 4 dimensional framework of the basin.

**Northern McArthur Basin exploration EPA's 180, 181, 182**

Ongoing research and the mapping of formations within EP(A) 180, 181 and 182 continues to reinforce the potential of high organic carbon rich hydrocarbon prospective formations within the Company tenement areas.

**Southern McArthur Basin exploration EP's 184/187 and EPA's 183/188**

Continuing studies further confirm the high potential Velkerri Formation within EP187 and provides further support of the presence of extensive acreage of Barney Creek and Tawallah Group formations throughout the Company's permits. Work programs included:

- A review of historical gravity and electromagnetic (EM) data across the region.
- Incorporating the gravity and EM results into the geological model of the region.
- Completing a geochemical review of core samples and incorporating these into the geological model to:
  - Plan locations for 2D seismic acquisition programs;
  - Locate potential petroleum exploration wells; and
  - Confirm hydrocarbon generation and migration potentials of the primary source rocks of the Barney Creek and the Velkerri Formations.
- Extensive ecological studies have been undertaken across portions of EP's 184 and 187. This has involved undertaking regional base line studies of hydrology and hydrogeology plus on ground ecology studies of surface water quality, flora and fauna to support the development of effective environmental management plans once seismic and drilling programs get underway.



- Securing access to mineralogical and geochemical data of the Wollongorang Formation core obtained by TNG Pty Ltd from the Mallapunyah Dome. This has confirmed that the Wollongorang Formation has organic carbon contents (TOC) of up to 6.9% with an average of 2% over the interval of intersect within the core. The Mallapunyah Dome sits to the east of EP187 and modelling indicates that extensive acreage of the Wollongorang exists within EP187 at economic depths.

## B. EMPIRE ENERGY GROUP LIMITED

Empire Energy Group Limited's head office is located in Sydney, Australia. Operating costs cover all Group overhead, including the costs of listing on both the Australian Securities Exchange and the OTCQX Exchange, New York, USA.

Description – US\$	3 months to 31/12/2015	3 months to 31/12/2014	Year-to-Date 31/12/2015	Year-to-Date 31/12/2014
Revenue	39,281	39,683	157,249	156,996
Less Expenses:				
Consultants	63,927	71,767	293,369	311,455
Directors/Employment Costs	69,818	107,726	262,127	369,635
Listing Expenses	27,953	22,915	106,542	149,541
G&A	76,042	84,957	395,819	507,967
<b>EBITDAX – Head office (EEG)</b>	<b>(198,459)</b>	<b>(247,682)</b>	<b>(900,608)</b>	<b>(1,181,602)</b>
<b>EBITDAX – (EE USA)</b>	<b>1,516,158</b>	<b>1,971,548</b>	<b>6,105,113</b>	<b>8,911,051</b>
<b>EBITDAX – GROUP</b>	<b>1,317,700</b>	<b>1,723,866</b>	<b>5,204,505</b>	<b>7,729,449</b>

## ABOUT EMPIRE ENERGY GROUP LIMITED

Empire Energy is a conventional oil and natural gas producer with operations in Appalachia (New York and Pennsylvania) and the Mid-Con (Kansas and Oklahoma). In 2010 the Company secured approximately 14.6 million acres in the McArthur Basin, Northern Territory, which is considered highly prospective for large shale oil and gas conventional and unconventional resources. Work undertaken by the Company over the past 5 years demonstrates that the Central Trough of the McArthur Basin, of which the Company holds around 80%, is a major Proterozoic depo-centre that forms one segment of a series of extensive prolific hydrocarbon basins extending through Oman, Siberia and southern China, and which contain resources of many billions of barrels of oil equivalent.

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## Financial Terminology

Statements in this announcement may make reference to the terms “EBITDAX”, Field EBITDAX, “field netback” or “netback”, “cash flow” and “payout ratio”, which are non-IFRS financial measures that do not have any standardised meaning prescribed by IFRS and therefore may not be comparable to similar measures presented by other companies. Investors should be cautioned that these measures should not be construed as an alternative to net income calculated in accordance with IFRS. Management believes that these measures provide useful information to investors and management since these terms reflect the quality of production, the level of profitability, the ability to drive growth through the funding of future capital expenditures and sustainability of either debt repayment programs or distribution to shareholders. However, management have attempted to ensure these non-IFRS measures are consistent with reporting by other similar E&P companies so useful production and financial comparisons can be made.

### Note Regarding Barrel of Oil Equivalent

Empire Energy has adopted the standard of 6 Mcf to 1 Bbl when converting natural gas to Boe. Boe may be misleading, particularly if used in isolation. A Boe conversion ratio of 6 Mcf to 1 Bbl is based on energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. In addition, given that the value ratio based on the current price of oil as compared to natural gas is significantly different from the energy equivalent of six to one, utilizing a Boe conversion ratio of 6 Mcf to 1 Bbl would be misleading as an indication of value.

### Note Regarding Reserves

Reserve references in this report have been extracted from the Company’s announcement “2014 Year End Reserves Review” released to the ASX on 5 March 2015. The Company confirms that it is not aware of any new information or data that materially affects the information contained in the announcement 5 March 2015 and that all material assumptions and technical parameters underpinning the estimates in that announcement continue to apply and have not materially changed. Reserves were reported as at 1 January 2015. All volumes presented are net volumes and have had subtracted associated royalty burdens. The probabilistic method was used to calculate P50 reserves. The deterministic method was used to calculate 1P, 2P & 3P reserves. The reference point used for the purpose of measuring and assessing the estimated petroleum reserves is the wellhead.

### Note Regarding Forward- Looking Statements

Certain statements made and information contained in this press release are forward-looking statements and forward looking information (collectively referred to as “forward-looking statements”) within the meaning of Australian securities laws. All statements other than statements of historic fact are forward-looking statements.

## Glossary

<b>AFE</b>	- Authority for expenditure	<b>PDNP</b>	- Proved developed non producing
<b>Bbl</b>	- One barrel of crude oil, 42 US gallons liquid volume	<b>PDP</b>	- Proved, developed producing well
<b>Boe</b>	- Barrel of oil equivalent, determined using the ratio of six Mcf of natural gas to one Bbl of crude oil, condensate or natural gas liquids	<b>PV10</b>	- Pre-tax value of a cash flow stream, over a defined time period, discounted at 10%
<b>Delay Rentals</b>	- Payments made to Lessor to maintain leases	<b>Royalty</b>	- Funds received by the landowner for the production of oil or gas, free of costs, except taxes
<b>GIP</b>	- Gas in place	<b>ROW</b>	- Right of way
<b>HBP</b>	- Held by production	<b>Tcf</b>	- Trillion cubic feet
<b>Mcf</b>	- One thousand cubic feet (natural gas volumetric measurement)	<b>TOC</b>	- Total organic content
<b>M or MM</b>	- M = Thousand, MM = Million	<b>WI</b>	- Working interest
<b>NRI</b>	- Net revenue interest		

**Changes to Lease holdings 1 October 2015 through to 31 December 2015**

<u>State</u>	<u>Minerals</u>	<u>Operator</u>	<u>Empire ID</u>	<u>NRI</u>	<u>WI</u>	<u>Acres</u>	<u>Maturity</u>	<u>Status</u>	<u>Formation</u>
NY	O&G	Empire Energy E&P, LLC	310090324	0.8184	1.00	108.20	14/04/2015	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110549	0.8148	1.00	144.53	3/10/2016	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110671	0.8750	1.00	44.44	3/10/2017	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110672	0.8750	1.00	81.30	25/10/2022	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290278	0.8750	1.00	70.00	17/11/2016	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310290279	0.8750	1.00	224.00	22/10/2016	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310630003	0.8750	1.00	112.70	22/10/2016	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990392	0.8488	1.00	174.00	8/07/2016	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990604	0.8750	1.00	444.00	2/10/2017	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990605	0.8750	1.00	72.60	10/10/2017	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170457	0.8488	1.00	60.87	6/09/2016	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170490	0.8488	0.50	30.50	16/10/2017	Released	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110033	0.8488	1.00	29.22	10/07/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110336	0.8488	1.00	178.70	28/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110447	0.8488	1.00	1.00	23/02/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110448	0.8488	1.00	2.70	23/02/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110449	0.8488	1.00	1.70	24/02/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110450	0.8488	1.00	1.30	25/02/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110451	0.8488	1.00	1.00	26/02/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110452	0.8488	1.00	6.80	28/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110458	0.8488	1.00	1.00	2/03/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110466	0.8488	1.00	468.20	8/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110467	0.8488	1.00	71.80	21/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110468	0.8488	1.00	54.06	27/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110470	0.8488	1.00	123.80	11/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110471	0.8488	1.00	91.09	11/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110472	0.8488	1.00	230.46	13/05/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110473	0.8488	1.00	45.90	19/05/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110478	0.8488	1.00	17.40	23/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110479	0.8488	1.00	10.40	5/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110480	0.8488	1.00	14.60	7/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110483	0.8488	1.00	12.95	22/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110484	0.8488	1.00	12.10	18/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110485	0.8488	1.00	13.20	23/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110488	0.8488	1.00	106.50	2/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110489	0.8488	1.00	11.90	4/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110490	0.8488	1.00	31.80	17/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110491	0.8488	1.00	10.00	17/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110492	0.8488	1.00	10.20	18/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110493	0.8488	1.00	15.10	20/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110494	0.8488	1.00	20.00	3/12/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110495	0.8488	1.00	23.00	3/12/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110497	0.8488	1.00	12.70	5/12/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110498	0.8488	1.00	15.40	2/12/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110649	0.8750	1.00	307.00	8/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110657	0.8750	1.00	145.96	23/05/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110658	0.8750	1.00	47.95	27/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110659	0.8750	1.00	199.30	22/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110661	0.8750	1.00	210.26	7/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310110664	0.8750	1.00	329.48	25/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670035	0.8488	1.00	183.08	24/02/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670036	0.8488	1.00	144.03	30/03/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670038	0.8488	1.00	59.79	6/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670039	0.8488	1.00	47.04	21/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670040	0.8488	1.00	55.55	27/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670041	0.8488	1.00	47.23	27/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670042	0.8488	1.00	113.37	28/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670043	0.8488	1.00	92.63	20/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670044	0.8488	1.00	16.42	25/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670045	0.8488	1.00	15.27	26/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670046	0.8488	1.00	12.40	15/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670047	0.8488	1.00	11.51	22/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310670048	0.8488	1.00	15.54	21/11/2015	Expired	All Horizons

NY	O&G	Empire Energy E&P, LLC	310690085	0.8488	1.00	100.50	7/05/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690088	0.8488	1.00	144.00	27/05/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690090	0.8488	1.00	27.60	7/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690091	0.8488	1.00	43.20	19/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690092	0.8488	1.00	31.10	19/04/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690093	0.8488	1.00	62.90	7/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690094	0.8488	1.00	117.10	7/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310690099	0.8488	1.00	14.50	6/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990346	0.8488	1.00	0.35	22/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990348	0.8488	1.00	27.00	18/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990349	0.8488	1.00	62.00	10/05/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990350	0.8488	1.00	35.30	24/02/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990352	0.8488	1.00	29.63	19/05/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990353	0.8488	1.00	8.50	28/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990354	0.8488	1.00	2.90	1/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990355	0.8488	1.00	72.96	1/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990356	0.8488	1.00	11.80	3/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990358	0.8488	1.00	1.20	28/06/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990360	0.8488	1.00	17.16	1/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990362	0.8488	1.00	49.50	14/07/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990364	0.8488	1.00	39.00	4/08/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310990365	0.8488	1.00	67.60	15/07/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170343	0.8488	0.50	0.77	24/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170344	0.8488	0.50	11.00	10/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170345	0.8488	0.50	1.42	1/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170347	0.8488	0.50	98.62	9/08/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170348	0.8488	0.50	0.60	25/08/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170353	0.8488	0.50	37.75	1/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170354	0.8488	0.50	74.72	24/08/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170356	0.8488	0.50	38.92	24/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170357	0.8488	0.50	50.47	24/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170358	0.8488	0.50	92.44	17/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170360	0.8488	0.50	14.64	14/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170361	0.8488	0.50	14.24	4/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170363	0.8488	0.50	37.37	16/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170364	0.8488	0.50	67.91	8/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170365	0.8488	0.50	4.51	14/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170366	0.8488	0.50	50.52	13/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170367	0.8488	0.50	13.10	15/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170370	0.8488	0.50	88.39	14/09/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170381	0.8488	0.50	36.27	9/12/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170383	0.8488	0.50	181.48	27/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170391	0.8488	0.50	100.00	15/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170392	0.8488	0.50	54.50	17/11/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	311170394	0.8488	0.50	64.35	17/11/2015	Expired	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630008A	0.8438	1.00	640.00	7/12/2015	Expired	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630009A	0.8438	1.00	-	7/12/2015	Expired	All Horizons
KS	O&G	Empire Energy E&P, LLC	150630010A	0.8438	1.00	-	7/12/2015	Expired	All Horizons
KS	O&G	Empire Energy E&P, LLC	150790010	0.8438	1.00	640.00	23/10/2015	Expired	All Horizons
NY	O&G	Empire Energy E&P, LLC	310132415	0.8750	1.00	15.00	7/05/1940	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132416	0.8750	1.00	90.00	20/12/1979	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132417	0.8750	1.00	70.00	22/10/1913	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132418	0.8750	1.00	46.75	18/01/1915	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132419	0.8750	1.00	49.50	9/05/1940	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132420	1.0000	1.00	80.00	8/05/1940	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132421	0.8750	1.00	78.14	20/12/1979	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132422	0.8750	1.00	10.80	20/12/1979	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132423	0.8750	1.00	17.30	3/02/1980	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132424	0.8750	1.00	1.08	21/12/1983	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132425	0.8750	1.00	6.76	16/01/1982	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132426	0.8750	1.00	40.00	23/07/1980	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132427	0.8750	1.00	40.00	15/03/1980	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132428	0.8750	1.00	40.00	20/11/1979	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132429	0.8750	1.00	40.00	23/10/1983	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132430	0.8750	1.00	40.00	6/04/1981	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132431	1.0000	1.00	40.00	1/10/1982	New Leases	All Depths

NY	O&G	Empire Energy E&P, LLC	310132432	0.8750	1.00	25.56	21/09/1981	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132433	0.8750	1.00	6.60	20/09/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132434	0.8750	1.00	13.76	8/07/1985	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132435	0.8750	1.00	64.00	7/05/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132436	0.8600	1.00	16.30	28/09/1986	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132437	0.9850	1.00	116.40	2/02/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132438	0.9850	1.00	1.30	9/02/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132439	0.9850	1.00	1.00	28/02/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132440	0.9850	1.00	5.80	2/09/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132441	0.8750	1.00	47.00	23/11/2001	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132442	0.8750	1.00	31.00	9/12/2001	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132443	0.8750	1.00	134.00	21/01/2002	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132444	0.8750	1.00	26.70	12/09/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132445	0.8750	1.00	67.40	7/08/1987	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132446	0.8477	0.88	31.60	12/08/1996	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132447	0.8477	0.88	74.30	30/07/1996	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132448	0.8477	0.88	9.30	8/02/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132449	0.8477	1.00	71.70	22/04/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132450	0.8477	0.88	22.10	1/05/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132451	0.8000	0.88	60.00	3/11/1990	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132452	0.8000	0.88	108.50	3/11/1990	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132453	0.7986	0.65	5.80	28/02/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132454	0.7986	0.65	4.30	9/03/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132455	0.7986	0.65	4.00	25/02/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132456	0.7986	0.65	21.00	10/03/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132457	0.7986	0.65	4.00	9/03/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132458	0.7986	0.65	10.00	17/03/1999	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132459	0.7986	0.65	1.50	30/05/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132460	0.7986	0.65	1.30	30/05/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132461	0.7986	0.65	1.50	18/08/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132462	0.7986	0.65	1.50	25/05/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132463	0.7986	0.65	53.56	17/11/1991	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132464	0.8140	0.80	71.80	23/12/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132465	0.8140	0.80	192.30	4/11/1990	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132466	0.8140	0.80	194.10	5/11/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132467	0.8140	0.80	31.00	23/12/1990	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132468	0.8000	0.65	2.00	12/06/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132469	0.8000	0.65	3.80	25/07/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132470	0.8000	0.55	1.50	22/03/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132471	0.8000	0.65	1.30	27/03/1992	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132472	0.8000	0.65	2.40	14/12/1991	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132473	0.8000	0.65	20.00	20/07/1992	New Leases	All Depths
NY	Minerals	Empire Energy E&P, LLC	310132474	1.0000	0.65	3.70	N/A	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132475	0.8250	0.80	46.10	28/03/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132476	0.8250	0.80	53.90	28/03/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132477	0.8250	1.00	19.00	29/07/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132478	0.8250	1.00	10.50	28/05/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132479	0.8250	1.00	9.90	15/05/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132480	0.8250	1.00	18.00	16/03/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132481	0.8750	1.00	26.00	5/11/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132482	0.8750	1.00	4.60	19/11/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132483	0.8750	1.00	11.70	10/30/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132484	0.8750	1.00	20.00	30/10/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132485	0.7500	1.00	75.00	13/11/1982	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132486	0.8140	0.80	65.50	14/06/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132487	0.8750	1.00	129.20	21/11/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132488	0.8250	1.00	3.40	23/04/1994	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132489	0.8250	1.00	23.20	1/10/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132490	0.8750	1.00	220.50	20/06/1986	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132491	0.8150	0.80	44.00	2/06/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132492	0.8750	1.00	40.10	6/01/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132493	0.8750	1.00	2.00	14/02/1988	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132494	0.8750	1.00	11.30	12/10/1987	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132495	1.0000	1.00	1.30	12/10/1987	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132496	0.8750	1.00	24.00	1/06/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132497	0.9390	0.80	10.00	14/06/1990	New Leases	All Depths

NY	O&G	Empire Energy E&P, LLC	310132499	0.8750	1.00	7.50	30/09/1987	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132500	1.0000	1.00	1.50	12/10/1987	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132501	0.8000	0.88	13.00	24/02/1991	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132502	0.8750	1.00	68.00	19/05/1989	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132503	0.8750	1.00	77.70	18/05/1987	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132504	0.8750	0.94	178.60	9/10/2013	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132505	0.8822	0.94	1.90	21/05/2014	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132506	0.8822	0.94	2.00	21/05/2014	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132507	0.8822	0.94	2.40	21/05/2014	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132508	0.8750	1.00	150.00	6/03/1910	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132509	0.8750	0.79	62.88	24/04/1993	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132510	0.7500	1.00	70.00	21/11/1982	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310132511	1.0000	0.88	58.20	21/12/1990	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290298	0.8750	1.00	140.00	30/08/1910	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290299	0.8750	1.00	40.00	13/04/1900	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290300	0.8750	1.00	7.00	29/03/1903	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290301	0.8750	1.00	178.00	22/11/1914	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290302	0.8750	1.00	167.00	17/03/1920	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290303	0.8750	1.00	196.00	1/05/1933	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290304	0.8750	1.00	34.00	25/06/1928	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290305	0.8750	1.00	25.00	8/09/1924	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290306	0.8750	1.00	200.00	31/07/1954	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290307	0.8750	1.00	80.00	11/03/1913	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290308	0.8750	1.00	150.00	5/26/2002+	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290309	0.8750	1.00	100.00	19/08/1980	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290310	0.8750	1.00	93.16	21/11/1919	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290311	0.8750	1.00	91.33	4/06/1920	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290312	0.8750	1.00	93.00	26/06/1923	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310290313	0.8750	1.00	108.00	16/03/1985	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310370001	0.8750	1.00	60.00	23/01/1912	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310370002	0.8750	1.00	8.00	6/06/1909	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310370003	0.8750	1.00	67.00	11/02/1908	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310370004	0.8750	1.00	52.00	27/01/1908	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310370005	0.8750	1.00	77.00	9/12/1911	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310370006	0.8750	1.00	92.00	21/09/1918	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690157	0.8750	1.00	88.00	9/09/1970	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690158	0.8750	1.00	138.00	10/10/1968	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690159	0.8750	1.00	196.00	10/10/1968	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690160	0.8750	1.00	15.00	3/03/1971	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690161	0.8750	1.00	21.00	2/09/1970	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690162	0.8750	1.00	1.00	9/01/1971	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690163	0.8750	1.00	14.70	9/01/1971	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690164	0.8750	1.00	10.00	9/01/1971	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690165	0.8750	1.00	120.50	11/01/1971	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690166	0.8750	1.00	6.10	9/01/1971	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690167	0.8750	1.00	71.22	2/07/1970	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690168	0.8750	1.00	15.00	6/06/1964	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690169	0.8750	1.00	10.00	11/12/1971	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690170	0.8750	1.00	146.00	31/05/1970	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690171	0.8750	1.00	123.00	2/11/1960	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690172	0.8750	1.00	99.00	14/01/1993	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690173	0.8750	1.00	17.00	25/01/2005	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690174	0.8750	1.00	80.20	31/08/2001	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690175	0.8750	1.00	50.00	26/10/2011	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690176	0.8750	1.00	2.70	2/04/2010	New Leases	All Depths
NY	O&G	Empire Energy E&P, LLC	310690177	0.8750	1.00	1.20	5/04/2010	New Leases	All Depths
NY	Minerals	Empire Energy E&P, LLC	310690178	0.8764	1.00	71.22	N/A	New Leases	All Depths
NY	ROW	Empire Energy E&P, LLC	RW310130893	N/A	1.00	N/A	22/10/2084	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130894	N/A	1.00	N/A	26/09/2084	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130895	N/A	1.00	N/A	25/07/2084	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130896	N/A	1.00	N/A	13/02/2079	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130897	N/A	1.00	N/A	28/03/2084	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130898	N/A	1.00	N/A	27/12/2077	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130899	N/A	1.00	N/A	5/11/2086	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130900	N/A	1.00	N/A	5/11/2086	New Right Of Way	Surface

NY	ROW	Empire Energy E&P, LLC	RW310130901	N/A	1.00	N/A	24/08/2091	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310130902	N/A	1.00	N/A	5/10/2091	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290155	N/A	1.00	N/A	5/05/2085	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290156	N/A	1.00	N/A	19/02/2076	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290157	N/A	1.00	N/A	28/02/2076	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290158	N/A	1.00	N/A	14/02/2076	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290159	N/A	1.00	N/A	14/02/2076	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290160	N/A	1.00	N/A	10/11/2077	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290161	N/A	1.00	N/A	26/07/2087	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310290162	N/A	1.00	N/A	7/02/2076	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690007	N/A	1.00	N/A	24/09/2107	New Right Of Way	Surface
NY	ROW	Empire Energy E&P, LLC	RW310690008	N/A	1.00	N/A	6/03/2108	New Right Of Way	Surface

**Note:** For a full list of petroleum tenements held by the Company and its subsidiaries please refer to the ASX Announcement dated 30 March 2015 titled 'Petroleum Tenements'.