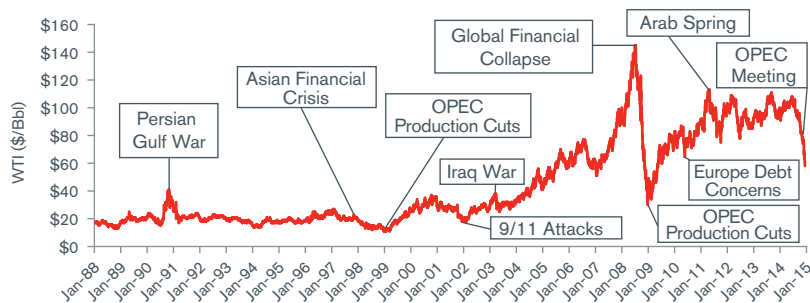


## Energy Perspectives

Fourth Quarter 2014

### Last Year vs. This Year – How Quickly Things Change...

Historical WTI Oil Prices (January 1988 – December 2014)



Source: EIA

#### Recent Headlines – Current Energy Environment

- OPEC / Saudi Arabia will not cut production to improve prices
- Geopolitical issues impacting global crude oil prices
- Devaluation of the ruble
- Growth concerns in Europe and Asia
- The strengthening of the dollar
- Capital expenditure reductions by E&P companies

#### 2014 U.S. Rig Count



Source: Baker Hughes

#### 2014 Price of WTI Oil



Source: EIA

#### Inside

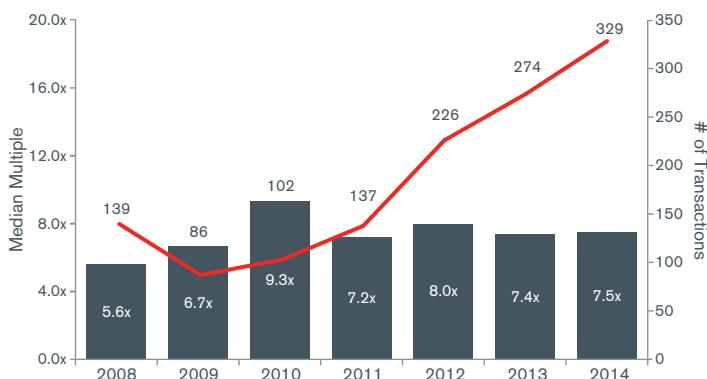
- 1 Last Year vs. This Year – How Quickly Things Change...
- 4 Energy Market Transactions
- 5 Public Markets Update
- 6 Market Review
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Featured Articles
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Trading Statistics
- 15 Appendix:  
Relevant M&A Transactions
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Restructuring Leadership
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## Last Year vs. This Year – How Quickly Things Change... (cont.)

### 2014 Recap:

How quickly we have forgotten the robust M&A environment for oilfield service business in 2014. Despite fairly consistent falling crude oil prices over the past six months, the North American rig count was strong and the industry experienced a record number of OFS M&A transactions for the fourth year in a row, achieving 329 announced transactions in 2014. The median multiple of these transactions remained essentially unchanged compared to the prior year.

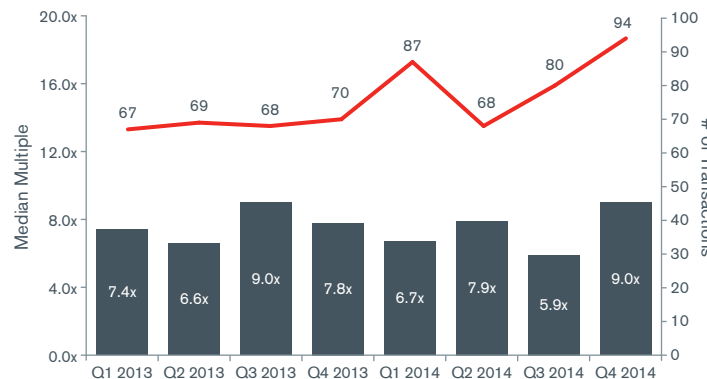
### Annual Oilfield Services M&A (2008 – 2014)



Source: Capital IQ, Duff & Phelps

Upon review of the transactions on a quarterly basis, closings in the fourth quarter illustrate significant activity with premium valuations (closings were almost equally split on a monthly basis).

### Quarterly Oilfield Services M&A (2013 – 2014)



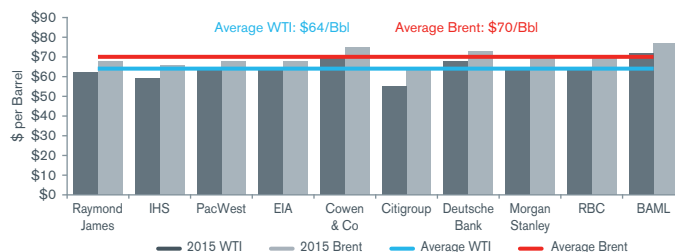
Source: Capital IQ, Duff & Phelps

### 2015:

We begin 2015 searching for answers to some key questions:

- What will crude oil prices average for 2015?

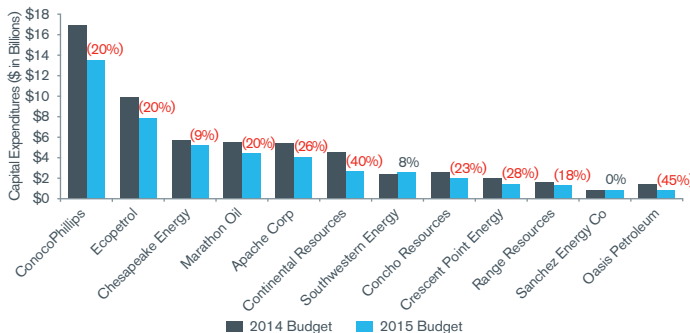
### Recent 2015 Analyst Oil Price Forecasts



Source: Analyst Reports

- How much will capital spending contract?

### Recently Announced Capital Budget Reductions (20% Average Reduction)



Source: Energy Company Presentations

Unfortunately, the short answer is: **“It’s too soon to tell.”** Until there is more clarity as to the spending and activity levels of the exploration and production companies, the OFS M&A market will be challenging. We are at the point, early in the cycle, where consensus among investors is that 2015 will represent a down year, but the oilfield service operating companies are not yet experiencing the financial impact of their customers’ budget cuts. Our experience has been that the M&A activity will curtail dramatically as the marketplace sorts itself out.

However, there are many reasons to remain optimistic:

- Down cycles create unique “value” opportunities;
- Midstream M&A activity may increase as E&P operators divest valuable midstream assets to free up capital;
- Downstream construction and maintenance businesses will likely continue to experience strong demand resulting from the expansion of the petrochemical industry; and
- Most importantly, the North American energy renaissance is not over. The technology developed to extract hydrocarbons from unconventional reservoirs will continue to improve and those companies with that technology have a global opportunity to create value.

Let the fun begin and Happy New Year!

**#1** Announced Fairness Opinions in  
the U.S. Over the Past Five Years

**#3** U.S. Middle-Market M&A Advisor  
Over the Past Three Years

**Top 10** U.S. Restructuring Advisor

**Powering Sound Decisions  
for Companies, Boards and  
Investors Worldwide**

Duff & Phelps is the premier global valuation and corporate finance advisor with expertise in complex valuation, dispute consulting, M&A, restructuring, and compliance and regulatory consulting. The firm's more than 1,500 employees serve a diverse range of clients from offices around the world. For more information, visit [www.duffandphelps.com](http://www.duffandphelps.com).

**DUFF & PHELPS**

Valuation and Corporate Finance Advisors

## Energy Market Transaction

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### Sell Side Advisory

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has been acquired by



## Duff & Phelps Advises C&J Cladding, LLC on its Sale to Ellwood Group, Inc.

On October 31, 2014, C&J Cladding (“C&J” or “the Company”) was acquired by Ellwood Group, Inc.

### About C&J Cladding, LLC

C&J Cladding LLC is the recognized leader in cladding subsea, surface, offshore and marine wellhead production components. Since 1995, C&J has provided expert welding and post weld heat treatment services to global oilfield equipment manufacturers and a network of world-class machine shops.

### About Ellwood Group, Inc.

Ellwood Group, Inc. is a family-owned, privately held company that has been operating for over 100 years. Through growth and acquisition, EGI has become a major supplier of high-quality, engineered, heavy metal components to customers all over the world. While EGI has grown significantly and now employs over 2,000 employees, the same family values are just as important now as they were 100 years ago.

### Transaction Role

Duff & Phelps served as exclusive financial advisor to C&J Cladding and provided M&A advisory services in connection with the sale transaction.

## Public Markets Update as of January 9, 2015<sup>(1)</sup>

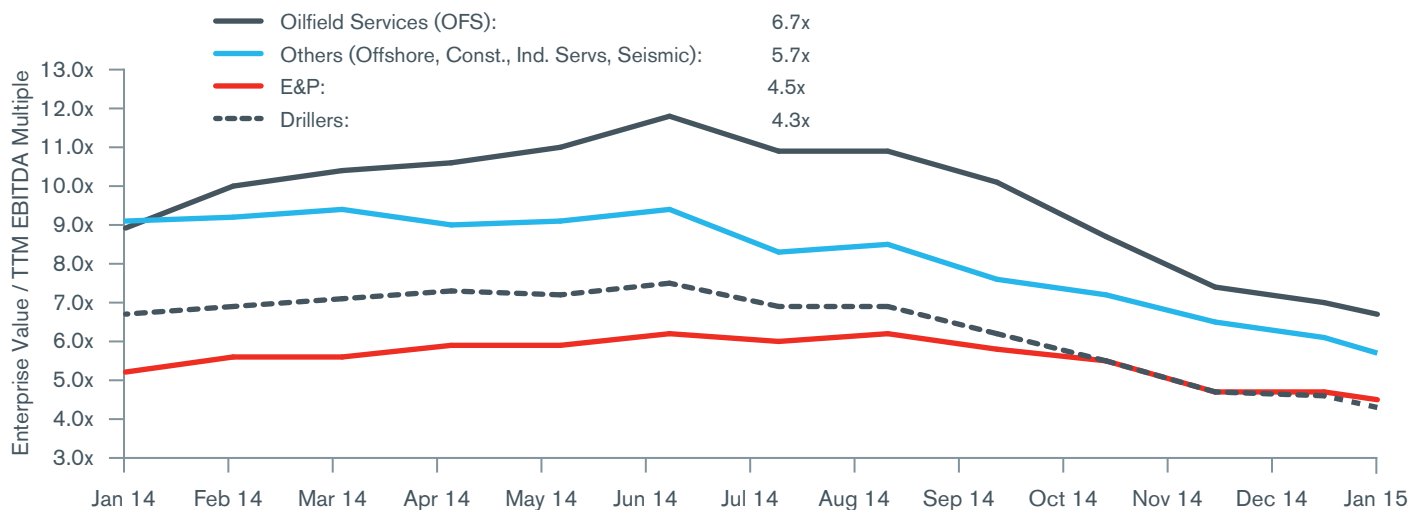
### Energy Sub-Sector Summary<sup>(2)</sup>

Oilfield Service (OFS)	Average LTM EBITDA Margin	Average EV/EBITDA		Average % of 52-Week High
		LTM	2015E	
Diversified	19.7%	6.8x	6.3x	61.0%
Service Focused	18.7	6.0	5.1	38.9
Equipment Focused	21.5	8.4	7.1	57.2
<b>E&amp;P</b>				
Integrated Majors	15.4%	4.7x	4.9x	79.5%
Large Independents	52.7	4.4	31.0	63.9
<b>Drillers</b>				
Land	33.2%	3.5x	3.6x	39.2%
Offshore	44.2	5.2	5.5	39.4
<b>Others</b>				
Offshore Transportation	26.2%	6.3x	6.3x	58.5%
Construction	10.5	6.1	5.1	57.4
Industrial Services	9.0	7.8	7.3	55.5
Seismic Related	15.6	3.6	2.5	44.9
<b>Average<sup>(3)</sup></b>	<b>22.8%</b>	<b>5.7x</b>	<b>5.7x</b>	<b>53.0%</b>
<b>Median</b>	<b>19.7%</b>	<b>6.0x</b>	<b>5.5x</b>	<b>57.2%</b>

- (1) For definitions, refer to page 14.
- (2) For more data around the constituents of each sub-sector, refer to pages 9-14.
- (3) Excludes the highest and lowest values.

Source: Capital IQ

### Average Major Energy Sectors' Trading Multiples for the Last 12 Months



Source: Capital IQ

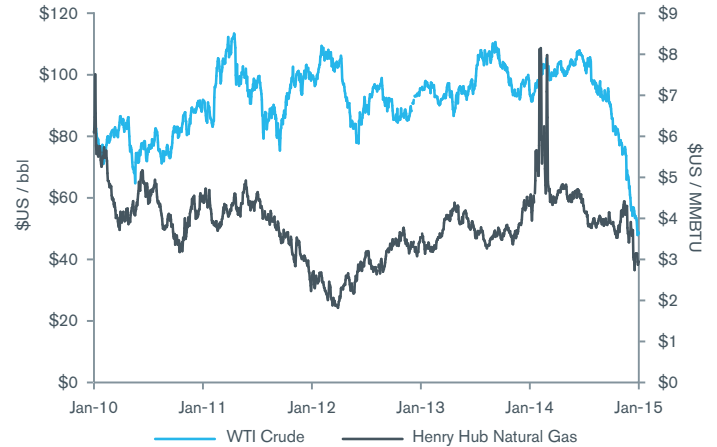
## Market Review

### OSX Index – Last 12 Months through 01/09/2015



Source: Capital IQ

### Crude Oil and Natural Gas Spot Prices – 2010 to 01/09/2015



Sources: EIA, Bloomberg

### Current Oil and Gas Prices as of 01/09/2015

WTI Crude Oil	HH - Natural Gas	Oil 12 Mo Strip	Gas 12 Mo Strip
\$48.36	\$2.95	\$52.28	\$3.08

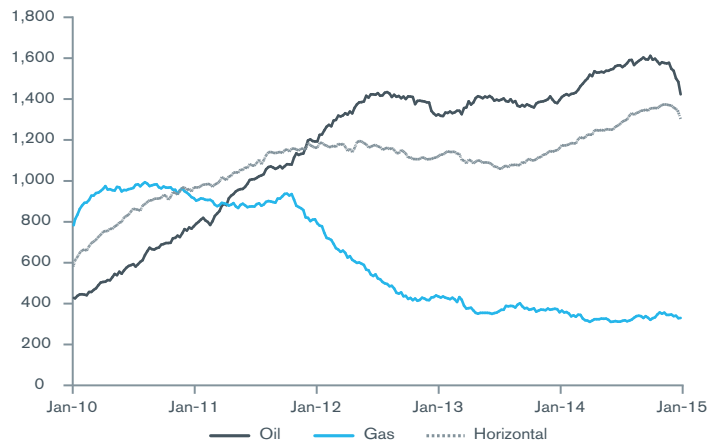
Sources: EIA, Bloomberg

### North American Rig Count as of 01/09/2015

Location	This Week	+/- Last Week	+/- Year Ago		
Land	1,684	(60)	1744	7	1677
Inland Waters	12	0	12	(8)	20
Offshore	54	(1)	55	(3)	57
<b>United States Total</b>	<b>1,750</b>	<b>(61)</b>	<b>1,811</b>	<b>(4)</b>	<b>1,754</b>
<b>Gulf of Mexico</b>	<b>53</b>	<b>(1)</b>	<b>54</b>	<b>(2)</b>	<b>55</b>
<b>Canada</b>	<b>366</b>	<b>158</b>	<b>208</b>	<b>(111)</b>	<b>477</b>
<b>North America</b>	<b>2,116</b>	<b>97</b>	<b>2,019</b>	<b>(115)</b>	<b>2,231</b>

Source: Baker Hughes

### U.S. Historical Rig Count – 2010 to 01/09/2015



Source: Baker Hughes

U.S. Breakout	This Week	+/- Last Week	+/- Year Ago		
Oil	1,421	(61)	1,482	28	1,393
Gas	329	1	328	(28)	357
Miscellaneous	0	(1)	1	(4)	4
Directional	161	(14)	175	(63)	224
Horizontal	1,301	(35)	1,336	143	1,158
Vertical	288	(12)	300	(84)	372

Source: Baker Hughes

### % of Total U.S. Rig Count

	Gas	Oil	Land	Horizontal
January 9, 2015	18.8%	81.2%	96.2%	74.3%
Year Ago	20.4%	79.6%	95.6%	66.2%

Source: Baker Hughes

## Upcoming Events

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### **IPAA Private Capital Conference** January 29, 2015 | Houston, TX

This year's conference theme is "Private Capital Adapts to New American Energy Paradigm" with Aubrey K. McClendon as the keynote speaker. The conference will be hosted at the JW Marriot in the Galleria of Houston.

### **SPE Hydraulic Fracturing Technology Conference** February 3-5 2015 | The Woodlands, TX

The SPE Hydraulic Fracturing Technology Conference features a mix of sessions that feature unconventional resources technologies and hydraulic fracturing demonstrations and rigs. The event will be held at The Woodlands Waterway Marriott Hotel and Convention Center.

### **2015 NAPE Summit** February 10-13, 2015 | Houston, TX

The 2015 NAPE Summit will be held at the George R. Brown Convention Center in Houston. The event includes several speakers and is a networking event that brings together all the upstream oil and gas players to facilitate deal making.

### **Duff & Phelps' 7th Annual Private Capital Conference** March 5, 2015 | Houston, TX

On March 5, Duff & Phelps, in partnership with Amegy Bank, will host its 7th Annual Private Capital Conference on the merger, acquisition, and financing environment for middle-market companies, current economic environment; and will discuss the current environment of oil and gas prices.

### **Texas Wildcatters' Open** March 26, 2015 | Cypress, TX

The IPAA's 21st Annual Texas Wildcatter's Open golf tournament will be held at Blackhorse Golf Club in Cypress, TX. Foursomes can be reserved for sponsoring companies and individuals can register if spots remain open closer to the date of the tournament.

### **Energy Capital Conference** April 6-7, 2015 | Austin, TX

The Energy Capital Conference is a forum focused on strategies and opportunities for maximizing financial and asset capital in E&P companies, from start-ups to majors. The event will be held at the Omni Barton Creek Hotel in Austin.

## Featured Articles

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### **Oil Prices Will Recover, But Market Could Behave Chaotically**

Chris Tomlinson provides insight on what breakeven prices for producing oil are in various geographies and what to expect for 2015.

<http://www.houstonchronicle.com/business/columnists/tomlinson/article/Oil-prices-will-recover-but-market-could-behave-5997551.php>

*Houston Chronicle*, January 6, 2015

### **Oil & Gas Technology Trends to Look For in 2015**

Rigzone looks at some of the technology trends expected to be seen in the oil and gas industry in 2015.

[http://www.rigzone.com/news/oil\\_gas/a/136449/Oil\\_Gas\\_Technology\\_Trends\\_to\\_Look\\_For\\_in\\_2015/?all=HG2](http://www.rigzone.com/news/oil_gas/a/136449/Oil_Gas_Technology_Trends_to_Look_For_in_2015/?all=HG2)

*Rigzone*, January 2, 2015

### **Oil Companies Seen Cutting Spending 25 Percent in 2015 Due to Falling Crude**

An examination in what industry analysts are expecting for decreases in E&P capital expenditures for 2015.

<http://www.reuters.com/article/2014/12/22/oil-spending-outlook-idUSL1NOU618720141222>

*Reuters*, December 22, 2014

## Industry Remarks

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Upstream oil and gas companies are waiting out volatility in the commodities markets right now, but many are expected to be on the hunt for acquisitions after the dust in the crude market settles, according to an analysis by energy consulting firm Wood Mackenzie. Attractive deals will come as companies struggling with lower crude prices meet with others looking to take advantage of lower-valued assets, Wood Mackenzie said. For now, though, both buyers and sellers are sitting on the sidelines as swings in commodities prices make it difficult to agree on the right values for companies or assets. "There are strategic gaps, whether intentional or unintentional, in some of the large companies' portfolios such as deepwater or unconventional, and there are smaller companies that fill those roles," McKay said. "Companies could also look to complement financially rich holdings by buying companies who carry a portfolio rich in opportunities – or vice versa."

**Fraser McKay,**  
*Principal Analyst for Wood Mackenzie*

Historically, the oil market has been brought back into balance from a low oil price environment by Saudi Arabia cutting production, OPEC as a whole cutting production, or in severe cases a strong increase in demand must take place in order for the market to return to equilibrium. The difference in today's "oil market balancing elements" is the addition of shale oil production. This additional element has caused increased volatility in prices and Saudi Arabia and OPEC to sit back and maintain supply levels in order to let the "power of markets decide who the weak players are and where the production will come offline."

**Jamie Webster,**  
*Senior Director for IHS Energy*



## Appendix – Selected Public Company Trading Statistics

**E&P<sup>(1)</sup>**

Ticker	Price as of 1/09/2015	52-Week		Market Cap	Enterprise Value	LTM Revenue	EBITDA		LTM EBITDA Margin	EV/EBITDA		% of 52-Week High	
		Low	High				LTM	2015E		LTM	2015E		
<b>Integrated Majors</b>													
BP plc	BP.	\$6.04	\$5.52	\$7.98	\$110,132.9	\$133,793.9	\$373,783.0	\$32,260.0	\$32,559.4	8.6%	4.1x	4.1x	75.7%
Chevron Corporation	CVX	108.21	100.15	135.10	204,562.8	216,948.8	204,024.0	39,843.0	37,838.0	19.5	5.4	5.7	80.1
ConocoPhillips	COP	64.92	60.84	87.09	79,910.9	95,702.9	57,461.0	21,761.0	18,085.2	37.9	4.4	5.3	74.5
Exxon Mobil Corporation	XOM	92.10	86.19	104.76	390,000.1	413,780.1	392,843.0	61,331.0	59,067.0	15.6	6.7	7.0	87.9
Royal Dutch Shell plc	RDSA	32.03	28.74	36.82	200,801.9	225,746.9	437,974.0	48,036.0	53,498.0	11.0	4.7	4.2	87.0
Total S.A.	FP	48.58	45.25	64.72	110,528.2	143,781.2	212,722.5	32,901.3	34,068.0	15.5	4.4	4.2	75.1
				Average <sup>(2)</sup>	\$156,506.5	\$180,067.7	\$295,843.1	\$38,260.1	\$39,490.8	15.4%	4.7x	4.9x	79.5%
				Median	\$155,665.1	\$180,365.0	\$293,252.7	\$36,372.1	\$35,953.0	15.5%	4.5x	4.8x	77.9%
<b>Large Independents</b>													
Anadarko Petroleum Corporation	APC	\$79.14	\$71.00	\$113.51	\$40,080.5	\$49,284.5	\$16,873.0	\$9,372.0	\$4,251.0	55.5%	5.3x	11.6x	69.7%
Apache Corp.	APA	60.69	54.34	104.57	22,848.7	35,428.7	14,646.0	10,714.0	6,603.5	73.2	3.3	5.4	58.0
Chesapeake Energy Corporation	CHK	18.37	16.41	31.49	12,026.2	27,983.2	20,442.0	5,879.0	12,879.7	28.8	4.8	2.2	58.3
Devon Energy Corporation	DVN	60.41	51.76	80.63	24,713.7	37,957.7	16,262.0	7,060.0	2,705.1	43.4	5.4	14.0	74.9
Encana Corporation	ECA	13.07	11.21	22.62	9,683.0	9,295.0	7,188.0	3,421.0	265.0	47.6	2.7	35.1	57.8
EOG Resources, Inc.	EOG	87.46	80.63	118.89	47,928.9	52,357.5	16,926.5	9,123.6	266.2	53.9	5.7	196.7	73.6
Marathon Oil Corporation	MRO	27.65	24.28	41.92	18,660.9	24,322.9	14,140.0	7,607.0	239.4	53.8	3.2	101.6	66.0
SandRidge Energy, Inc.	SD	1.36	1.28	7.43	659.4	4,530.9	1,677.0	1,041.4	243.5	62.1	4.4	18.6	18.3
				Average <sup>(2)</sup>	\$21,335.5	\$30,712.0	\$14,339.3	\$7,077.1	\$2,389.0	52.7%	4.4x	31.0x	63.9%
				Median	\$20,754.8	\$31,705.9	\$15,454.0	\$7,333.5	\$1,485.7	53.8%	4.6x	16.3x	62.1%

(1) \$ Millions, except for per share data

(2) Excludes the highest and lowest values

(3) EBITDA does not reflect adjustments for extraordinary items

For definitions see page 14

Source: Capital IQ

## Appendix – Selected Public Company Trading Statistics

### OILFIELD SERVICE (OFS)<sup>(1)(3)</sup>

Ticker	Price as of 1/09/2015	52-Week		Market Cap	Enterprise Value	LTM Revenue	EBITDA		LTM EBITDA Margin	EV/EBITDA		% of 52-Week High	
		Low	High				LTM	2015E		LTM	2015E		
<b>Diversified</b>													
Baker Hughes Incorporated	BHI	\$56.47	\$47.51	\$75.64	\$24,433.6	\$27,838.6	\$23,776.0	\$4,271.0	\$4,251.0	18.0%	6.5x	6.5x	74.7%
Halliburton Company	HAL	39.80	37.21	74.33	33,728.9	39,411.9	31,739.0	6,813.0	6,603.5	21.5	5.8	6.0	53.5
Schlumberger Limited	SLB	81.22	78.47	118.76	104,513.4	111,028.4	47,845.0	12,996.0	12,879.7	27.2	8.5	8.6	68.4
Weatherford International plc	WFT	10.63	10.07	24.88	8,225.8	16,441.8	14,922.0	2,312.0	2,705.1	15.5	7.1	6.1	42.7
				Average <sup>(2)</sup>	\$29,081.3	\$33,625.3	\$27,757.5	\$5,542.0	\$5,427.2	19.7%	6.8x	6.3x	61.0%
				Median	\$29,081.3	\$33,625.3	\$27,757.5	\$5,542.0	\$5,427.2	19.7%	6.8x	6.3x	61.0%
<b>Service Focused</b>													
Archer Limited	ARCHER	\$0.45	\$0.44	\$1.62	\$261.4	\$1,021.3	\$2,060.2	\$210.4	\$265.0	10.2%	4.9x	3.9x	27.9%
Basic Energy Services, Inc.	BAS	6.10	5.01	29.84	263.4	1,115.6	1,398.4	294.5	266.2	21.1	3.8	4.2	20.4
Calfrac Well Services Ltd.	CFW	7.78	7.24	19.01	740.4	1,312.4	1,977.8	261.6	239.4	13.2	5.0	5.5	40.9
C&J Energy Services, Inc.	CJES	11.96	11.38	34.93	661.8	987.4	1,389.8	195.2	243.5	14.0	5.1	4.1	34.2
Core Laboratories NV	CLB	112.11	109.88	221.00	4,910.1	5,261.1	1,082.9	371.6	356.4	34.3	14.2	14.8	50.7
Key Energy Services Inc.	KEG	1.44	1.00	10.52	221.0	922.2	1,434.7	170.5	178.0	11.9	5.4	5.2	13.7
Natural Gas Services Group Inc.	NGS	20.28	19.88	34.96	253.9	249.2	93.0	40.9	47.0	43.9	6.1	5.3	58.0
Newpark Resources Inc.	NR	8.88	8.23	13.60	745.8	885.7	1,059.2	148.0	174.1	14.0	6.0	5.1	65.3
Oil States International Inc.	OIS	46.30	41.51	108.05	2,461.9	2,570.8	2,798.2	791.7	400.1	28.3	3.2	6.4	42.9
RPC Inc.	RES	11.84	11.55	25.15	2,588.2	2,731.7	2,192.2	578.0	582.2	26.4	4.7	4.7	47.1
Seventy Seven Energy Inc.	SSE	5.20	4.54	28.34	264.5	1,851.8	2,096.8	391.2	474.9	18.7	4.7	3.9	18.3
Superior Energy Services, Inc.	SPN	18.39	16.70	37.05	2,798.4	4,129.6	4,715.4	1,094.4	1,099.8	23.2	3.8	3.8	49.6
TETRA Technologies, Inc.	TTI	6.11	4.90	13.43	486.4	1,788.2	987.2	90.7	263.7	9.2	19.7	6.8	45.5
Trican Well Service Ltd.	TCW	4.74	4.21	15.32	708.2	1,341.1	2,236.8	159.5	197.2	7.1	8.4	6.8	31.0
				Average <sup>(2)</sup>	\$1,019.5	\$1,721.5	\$1,726.2	\$305.2	\$303.4	18.7%	6.0x	5.1x	38.9%
				Median	\$685.0	\$1,326.7	\$1,706.3	\$236.0	\$264.3	16.4%	5.0x	5.1x	41.9%

(1) \$ Millions, except for per share data

(2) Excludes the highest and lowest values

(3) EBITDA does not reflect adjustments for extraordinary items

For definitions see page 14

Source: Capital IQ

## Appendix – Selected Public Company Trading Statistics

### OILFIELD SERVICE (OFS)<sup>(1)(3)</sup>

Ticker	Price as of 1/09/2015	52-Week		Market Cap	Enterprise Value	LTM Revenue	EBITDA		LTM EBITDA Margin	EV/EBITDA		% of 52-Week High	
		Low	High				LTM	2015E		LTM	2015E		
<b>Equipment Focused</b>													
Cameron International Corporation	CAM	\$46.20	\$44.43	\$74.89	\$9,122.0	\$12,172.0	\$11,008.4	\$1,668.9	\$1,636.0	15.2%	7.3x	7.4x	61.7%
CARBO Ceramics Inc.	CRR	35.36	33.35	156.00	816.6	786.5	645.0	165.9	141.8	25.7	4.7	5.5	22.7
CSI Compressco LP	CCLP	13.00	12.83	31.00	430.8	930.9	190.3	56.0	143.0	29.4	16.6	6.5	41.9
Dover Corporation	DOV	69.64	67.13	96.67	11,515.8	13,532.9	9,118.1	1,901.4	1,675.0	20.9	7.1	8.1	72.0
Dresser-Rand Group Inc.	DRC	81.43	51.46	82.95	6,241.7	7,201.6	2,838.3	418.6	509.0	14.7	17.2	14.1	98.2
Dril-Quip, Inc.	DRQ	71.17	69.38	116.53	2,809.3	2,494.3	908.6	294.1	316.2	32.4	8.5	7.9	61.1
Exterran Holdings, Inc.	EXH	30.78	30.58	47.01	2,101.0	4,198.2	2,845.1	621.6	681.7	21.8	6.8	6.2	65.5
Exterran Partners, L.P.	EXLP	22.81	19.01	31.00	1,269.6	2,514.4	538.8	234.8	313.6	43.6	10.7	8.0	73.6
Flotek Industries Inc.	FTK	17.39	15.76	32.92	927.2	963.8	425.5	94.6	0.0	22.2	10.2	NA	52.8
FMC Technologies, Inc.	FTI	42.17	41.61	63.92	9,861.3	10,716.9	7,834.2	1,287.9	1,389.8	16.4	8.3	7.7	66.0
Forbes Energy Services Ltd.	FES	1.02	0.95	5.75	22.3	294.3	447.2	73.8	79.2	16.5	4.0	3.7	17.7
Forum Energy Technologies, Inc.	FET	16.77	16.72	37.03	1,578.9	1,926.7	1,694.8	307.6	339.6	18.1	6.3	5.7	45.3
General Electric Company	GE	24.03	23.69	27.53	241,313.9	613,391.9	146,637.0	28,868.0	29,995.5	19.7	21.2	20.4	87.3
National Oilwell Varco, Inc.	NOV	61.88	60.88	86.55	26,643.9	25,794.9	24,681.0	4,624.0	4,430.9	18.7	5.6	5.8	71.5
Nuverra Environmental Solutions, Inc.	NES	4.29	4.23	21.29	117.2	691.7	522.9	107.8	113.9	20.6	6.4	6.1	20.2
RigNet, Inc.	RNET	35.53	34.44	59.06	625.9	648.1	303.2	68.7	94.9	22.7	9.4	6.8	60.2
Tenaris SA	TEN	13.84	13.26	21.64	16,339.1	14,876.1	10,335.6	2,721.2	2,778.5	26.3	5.5	5.4	64.0
Tesco Corporation	TESO	10.16	9.53	22.50	402.8	309.3	545.4	98.7	86.0	18.1	3.1	3.6	45.2
The Weir Group PLC	WEIR	26.77	24.83	43.15	5,712.4	7,011.3	4,073.4	851.6	802.6	20.9	8.2	8.7	62.0
				Average <sup>(2)</sup>	\$5,677.4	\$6,280.6	\$4,633.3	\$914.2	\$913.6	21.5%	8.4x	7.1x	57.2%
				Median	\$2,101.0	\$2,514.4	\$1,694.8	\$307.6	\$339.6	20.9%	7.3x	6.7x	61.7%

(1) \$ Millions, except for per share data

(2) Excludes the highest and lowest values

(3) EBITDA does not reflect adjustments for extraordinary items

For definitions see page 14

Source: Capital IQ

## Appendix – Selected Public Company Trading Statistics

### DRILLERS<sup>(1)(3)</sup>

Ticker	Price as of 1/09/2015	52-Week		Market Cap	Enterprise Value	LTM Revenue	EBITDA		LTM EBITDA Margin	EV/EBITDA		% of 52-Week High	
		Low	High				LTM	2015E		LTM	2015E		
<b>Land</b>													
Helmerich & Payne, Inc.	HP	\$60.80	\$58.40	\$118.95	\$6,582.0	\$6,301.1	\$3,719.7	\$1,558.8	\$1,516.4	41.9%	4.0x	4.2x	51.1%
Nabors Industries Ltd.	NBR	11.07	9.91	30.24	3,204.1	7,005.0	6,627.3	1,745.5	1,787.0	26.3	4.0	3.9	36.6
Patterson-UTI Energy Inc.	PTEN	14.69	14.01	38.43	2,150.8	2,797.2	2,939.8	920.3	979.0	31.3	3.0	2.9	38.2
Pioneer Energy Services Corp.	PES	4.96	4.07	18.40	313.5	750.8	1,010.3	251.4	212.2	24.9	3.0	3.5	27.0
Precision Drilling Corporation	PD	5.19	4.94	13.18	1,519.3	2,625.1	2,056.4	681.9	653.7	33.2	3.8	4.0	39.4
Unit Corporation	UNT	30.09	28.24	70.37	1,491.7	2,194.3	1,553.5	762.3	727.7	49.1	2.9	3.0	42.8
				Average <sup>(2)</sup>	\$2,091.5	\$3,479.43	\$2,567.4	\$980.8	\$969.2	33.2%	3.5x	3.6x	39.2%
				Median	\$1,835.0	\$2,711.2	\$2,498.1	\$841.3	\$853.3	32.2%	3.4x	3.7x	38.8%
<b>Offshore</b>													
Atwood Oceanics, Inc.	ATW	\$27.69	\$26.36	\$53.90	\$1,782.1	\$3,456.8	\$1,103.4	\$560.6	\$690.9	50.8%	6.2x	5.0x	51.4%
Diamond Offshore Drilling, Inc.	DO	33.40	29.00	56.08	4,580.7	5,756.2	2,770.7	1,120.5	1,190.7	40.4	5.1	4.8	59.6
EnSCO plc	ESV	29.27	25.88	57.04	6,858.2	11,609.5	5,181.1	2,510.8	2,181.6	48.5	4.6	5.3	51.3
Hercules Offshore, Inc.	HERO	0.84	0.79	6.17	134.5	1,153.3	956.9	319.3	141.4	33.4	3.6	8.2	13.6
Noble Corp.	NE	16.15	14.47	36.97	4,069.3	9,461.5	4,715.0	2,289.7	1,606.0	48.6	4.1	5.9	43.7
Ocean Rig UDW Inc.	ORIG	8.07	7.95	19.97	1,065.4	4,977.1	1,663.2	852.0	940.9	51.2	5.8	5.3	40.4
Parker Drilling Co.	PKD	2.86	2.58	8.35	349.0	891.8	968.8	271.0	251.3	28.0	3.3	3.5	34.3
Rowan Companies plc	RDC	23.15	19.50	34.24	2,883.1	4,982.9	1,661.5	598.7	983.0	36.0	8.3	5.1	67.6
SeaDrill Limited	SDRL	9.95	9.78	41.03	4,903.0	18,156.0	4,766.0	2,334.0	2,772.0	49.0	7.8	6.5	24.3
Transocean Ltd.	RIG	16.10	15.80	48.90	5,832.1	13,668.1	9,424.0	3,802.0	2,700.0	40.3	3.6	5.1	32.9
Vantage Drilling Company	VTG	0.33	0.30	2.02	102.2	2,806.3	837.2	452.2	432.8	54.0	6.2	6.5	16.4
				Average <sup>(2)</sup>	\$2,844.3	\$6,430.2	\$2,643.0	\$1,226.4	\$1,219.7	44.2%	5.2x	5.5x	39.4%
				Median	\$2,883.1	\$4,982.9	\$1,663.2	\$852.0	\$983.0	48.5%	5.1x	5.3x	40.4%

(1) \$ Millions, except for per share data

(2) Excludes the highest and lowest values

(3) EBITDA does not reflect adjustments for extraordinary items

For definitions see page 14

Source: Capital IQ

## Appendix – Selected Public Company Trading Statistics

### OTHERS<sup>(1)(3)</sup>

Ticker	Price as of 1/09/2015	52-Week		Market Cap	Enterprise Value	LTM Revenue	EBITDA		LTM EBITDA Margin	EV/EBITDA		% of 52-Week High	
		Low	High				LTM	2015E		LTM	2015E		
<b>Offshore Transportation</b>													
Bristow Group, Inc.	BRS	\$60.42	\$58.14	\$81.60	\$2,124.2	\$2,648.7	\$1,655.9	\$312.3	\$354.6	18.9%	8.5x	7.5x	74.0%
Gulfmark Offshore, Inc.	GLF	21.08	19.49	50.70	555.2	1,041.5	504.2	189.8	167.0	37.7	5.5	6.2	41.6
Hornbeck Offshore Services, Inc.	HOS	20.76	19.16	47.45	754.2	1,581.5	619.5	284.6	340.5	45.9	5.6	4.6	43.8
PHI Inc.	PHII	36.54	33.50	52.98	565.7	958.8	906.7	168.2	NA	18.6	5.7	NA	69.0
SEACOR Holdings Inc.	CKH	69.77	68.07	92.42	1,296.1	1,786.1	1,305.0	229.2	267.6	17.6	7.8	6.7	75.5
Tidewater Inc.	TDW	29.64	28.38	59.69	1,389.7	2,777.9	1,516.3	448.3	456.0	29.6	6.2	6.1	49.7
				Average <sup>(2)</sup>	\$1,001.4	\$1,764.5	\$1,086.9	\$254.0	\$282.4	26.2%	6.3x	6.3x	59.1%
				Median	\$1,025.2	\$1,683.8	\$1,105.9	\$256.9	\$304.0	24.2%	5.9x	6.2x	59.3%
<b>Construction</b>													
Chicago Bridge & Iron Company N.V.	CBI	\$40.13	\$37.37	\$89.22	\$4,345.8	\$6,486.2	\$12,603.5	\$1,122.8	\$1,345.0	8.9%	5.8x	4.8x	45.0%
Fluor Corporation	FLR	57.71	55.60	83.93	9,015.5	7,625.5	22,367.8	1,368.3	1,463.0	6.1	5.6	5.2	68.8
Gulf Island Fabrication Inc.	GIFI	17.79	16.43	24.01	258.2	231.5	517.0	44.9	1,480.7	8.7	5.2	0.2	74.1
Helix Energy Solutions Group, Inc.	HLX	19.40	19.01	28.00	2,047.4	2,055.2	1,126.8	387.2	54.1	34.4	5.3	38.0	69.3
Jacobs Engineering Group Inc.	JEC	42.03	39.78	66.88	5,487.6	5,592.1	12,695.2	774.5	389.5	6.1	7.2	14.4	62.8
KBR, Inc.	KBR	16.11	14.65	34.77	2,337.2	1,361.2	6,629.0	(67.0)	890.0	NM	NM	1.5	46.3
McDermott International Inc.	MDR	2.85	2.21	9.36	677.3	1,026.0	2,011.8	(185.3)	382.0	NM	NM	2.7	30.4
Oceaneering International, Inc.	OII	55.60	54.88	79.05	5,838.6	6,014.0	3,635.5	833.1	191.8	22.9	7.2	31.4	70.3
Willbros Group Inc.	WG	5.38	3.96	13.69	272.7	468.9	2,208.9	70.0	890.0	3.2	6.7	0.5	39.3
				Average <sup>(2)</sup>	\$3,000.9	\$3,286.2	\$5,844.4	\$452.2	\$793.0	10.5%	6.1x	8.6x	57.4%
				Median	\$2,337.2	\$2,055.2	\$3,635.5	\$387.2	\$890.0	8.7%	5.8x	4.8x	62.8%

(1) \$ Millions, except for per share data

(2) Excludes the highest and lowest values

(3) EBITDA does not reflect adjustments for extraordinary items

For definitions see page 14

Source: Capital IQ

## Appendix – Selected Public Company Trading Statistics

### OTHERS<sup>(1)(3)</sup>

	Ticker	Price as of 1/09/2015	52-Week		Market Cap	Enterprise Value	LTM Revenue	EBITDA		LTM EBITDA Margin	EV/EBITDA		% of 52-Week High
			Low	High				LTM	2015E		LTM	2015E	
<b>Industrial Services</b>													
Chart Industries Inc.	GTLS	\$30.11	\$29.95	\$92.47	\$917.8	\$1,059.2	\$1,170.7	\$183.4	\$167.4	15.7%	5.8x	6.3x	32.6%
CIRCOR International, Inc.	CIR	53.99	53.78	83.13	954.3	873.4	836.9	109.3	128.3	13.1	8.0	6.8	65.0
NOW Inc.	DNOW	23.82	22.03	37.65	2,550.3	2,384.3	4,140.0	224.0	214.6	5.4	10.6	11.1	63.3
Matrix Service Company	MTRX	19.26	19.05	38.71	511.0	450.2	1,358.6	79.0	90.4	5.8	5.7	5.0	49.8
MRC Global Inc.	MRC	13.97	13.41	31.84	1,425.8	2,811.6	5,765.3	389.9	411.3	6.8	7.2	6.8	43.9
Team, Inc.	TISI	37.37	35.18	48.09	773.8	859.1	803.5	83.8	95.0	10.4	10.2	9.0	77.7
				Average <sup>(2)</sup>	\$1,017.9	\$1,294.0	\$1,876.5	\$150.1	\$151.3	9.0%	7.8x	7.3x	55.5%
				Median	\$936.0	\$966.3	\$1,264.6	\$146.4	\$147.9	8.6%	7.6x	6.8x	56.5%
<b>Seismic Related</b>													
Dawson Geophysical Company	DWSN	\$12.04	\$10.40	\$34.46	\$96.3	\$58.2	\$261.7	\$23.2	34.5	8.9%	2.5x	1.7x	34.9%
ION Geophysical Corporation	IO	2.74	2.29	4.73	449.9	507.9	591.4	181.8	0.0	30.7	2.8	NA	57.9
Mitcham Industries Inc.	MIND	5.65	5.44	17.30	68.3	93.8	91.8	5.5	150.7	5.9	17.2	0.6	32.7
Petroleum Geo-Services ASA	PGS	5.28	4.11	9.80	1,131.2	2,251.2	1,383.1	692.5	39.1	50.1	3.3	57.6	53.9
TGC Industries Inc.	TGE	2.13	1.93	7.38	46.9	38.6	111.9	8.1	600.9	7.3	4.8	0.1	28.9
				Average <sup>(2)</sup>	\$204.8	\$219.9	\$321.6	\$71.1	\$74.8	15.6%	3.6x	1.2x	40.5%
				Median	\$96.3	\$93.8	\$261.7	\$23.2	\$39.1	8.9%	3.3x	1.2x	34.9%

- (1) \$ Millions, except for per share data  
(2) Excludes the highest and lowest values  
(3) EBITDA does not reflect adjustments for extraordinary items

Source: Capital IQ

Enterprise Value  
Market Capitalization + Total Debt + Preferred Equity + Minority Interest –  
Cash and Short Term Investments

EBITDA  
Earnings Before Interest, Taxes, Depreciation, and Amortization

LTM  
Last Twelve Months

## Appendix – Relevant M&A Transactions

Date	Target	Description	Seller	Buyer	Transaction Value (\$ in millions)
12/18/14	Resource Equipment Limited	Resource Equipment Limited provides pumping systems and power generation equipment.	NA	Hunter Hall Investment Management, the Wyllie Group, and other investors	\$104.7
12/17/14	Cimarron Energy Inc.	Cimarron Energy Inc. is a designer and manufacturer of oil and gas production equipment.	Curtiss-Wright Corporation	Turnbridge Capital, LLC	\$100.0
12/10/14	Engineering Seismology Group Canada Inc.	ESG designs and manufactures microseismic monitoring solutions for energy, mining, and geotechnical industries.	NA	Spectris plc	\$55.8
11/30/14	Weatherford's Engineered Chemistry and Integrity Drilling Fluids Business	Weatherford's Engineered Chemistry and Integrity Drilling Fluids Business provides chemical treatments, drilling fluid systems, and additives for drilling operations.	Weatherford International Plc	The Lubrizol Corporation	\$825.0
11/25/14	Resource Well Completion Technologies Inc.	Resource Well Completion designs, develops, manufactures, operates, and distributes completion, well construction, multi-stage stimulation, and well servicing products and systems.	NA	Schoeller-Bleckmann Oilfield Equipment AG	\$79.3
11/3/14	J-W Wireline Company	J-W Wireline Company specializes in deep high-pressure perforating, slickline services, multiple-zone completions, cased-hole logging, and pipe recovery.	J-W Energy Company	FTS International Services, Inc.	\$95.0
10/24/14	Express Energy Services Operating, L.P.	Express Energy provides drilling, completion, production, and well intervention services both onshore and offshore.	NA	Apollo Global Management, LLC	NA
10/24/14	Basin Tools Inc.	Basin Tools engineers and manufactures rotors and stators used in oil and gas operations.	NA	Abaco Energy Technologies (Riverstone company)	\$360.0
10/23/14	Proserv Group Inc.	Proserv Group Inc., a production technology and services company, provides a range of products and services for the oil and gas industry.	Weatherford International plc; Intervale Capital	Riverstone Holdings LLC	NA
10/17/14	CRS Proppants LLC	CRS Proppants LLC provides resin coated sands for oil and gas well fracturing applications.	Eos Partners, L.P.; Eos Capital IV, L.P.	Northern White Sand LLC	\$224.7
10/9/14	TCG Industries Inc.	TGC Industries, Inc. provides geophysical services to companies in the oil and gas industry in the United States and Canada.	NA	Dawson Geophysical Company	\$36.4
10/2/14	Accelerated Companies LLC	Accelerated Companies LLC is a supplier of artificial lift and fluid handling solutions.	White Deer Energy LP	Dover Corporation	\$430.0
10/1/14	Houston Offshore Engineering LLC	Houston Offshore Engineering LLC offers engineering services to support offshore oil and gas developments.	NA	WS Atkins plc	\$73.0
10/1/14	Independence Oilfield Chemicals, LLC	Independence Oilfield Chemicals, LLC focuses on completion, stimulation, and production chemicals.	CSL Capital Management, LLC	Innospec Inc.	\$228.0

Dates in red are publicly announced transactions that have not closed as of January 9, 2015.

## Duff & Phelps Energy Restructuring Leadership

### Energy Services and Supply

Restructuring



Advised the 1st Lien Lenders

### Alternative Energy

Restructuring  
*(Pending)*



Advised the Ad Hoc Note Holders

### Power Generation

Restructuring



Advised the Pass Through Trust Certificate Holders

### Exploration and Production

Restructuring  
*(Pending)*

**Oil & Gas  
Exploration and  
Production Company**

Financial Advisor to the Company

Restructuring



Advised the Committee of Equity Holders

Restructuring



Advised the Ad-hoc Committee of Unsecured Note holders

Restructuring



Advised the Ad Hoc Committee of Note Holders

Restructuring

**ATP  
OIL & GAS  
CORPORATION**

Advised the Official Committee of Unsecured Creditors

Restructuring



Advised the Official Committee of Unsecured Creditors

Restructuring



Advised the Senior Secured Convertible Note Holders

Restructuring



Advised the California Public Utilities Commission



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