

Note: The following report is an English translation of the Japanese-language original.

# Consolidated Financial Results for the Six Months Ended September 30, 2015 <a href="Supplementary Material">Supplementary Material</a>>

November 9, 2015

Japan Petroleum Exploration Co., Ltd.

## **Cautionary Statement**

Any information contained herein with respect to JAPEX's plans, estimates, strategies and other statements that are not historical facts are forward-looking statements about the future performance of JAPEX. Readers should be aware that actual results and events may differ substantially from these projections due to various factors.

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Note: Abbreviations used herein are as follows:

1H = First half (1Q-2Q)

2H = Second half (3Q-4Q)

(a) = Actual result

(e) = Estimates

FY = Fiscal Year (FY3/16, for instance, means 12 months ending March 31, 2016)

Any inquiries about the information contained herein or other Investor Relations questions are requested to be directed to:

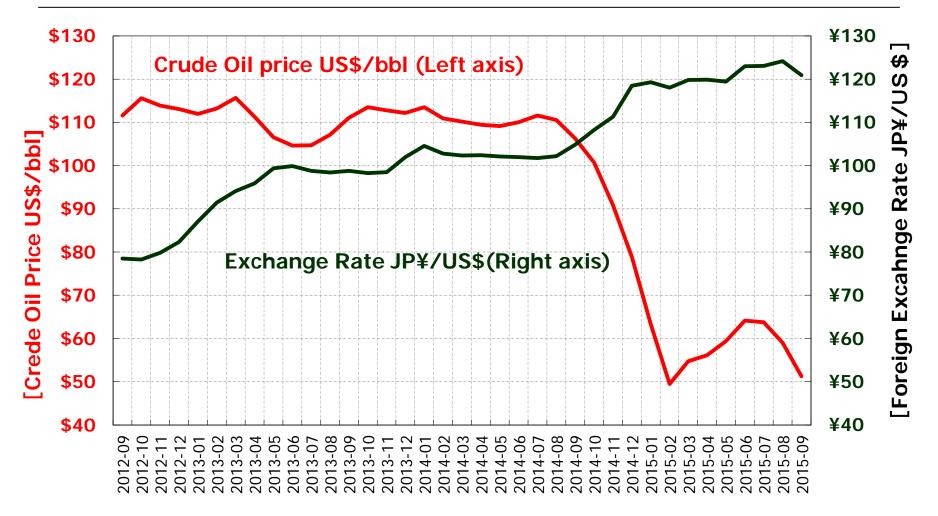
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## Trends in Crude Oil Prices and Foreign Exchange Rate



Japan Crude Cocktail (JCC) Price in the first 10 days of October 2015 on a prompt report basis: US\$ 47.81/bbl JP¥ 120.31/US\$



## Revised Estimates for FY3/16 (Highlight)

	FY3/15			Change			
Billion ¥	Full (a)	Initial estimate 1H <mark>(e)</mark> May12,′15①	1H (a) ②	Initial estimate Full (e) May12,'15(3)	Revised estimate Full (e) Nov.6,'15(4)	1H (②-①)	Full ( <b>④</b> -③)
Net sales	304.9	144.0	124.1	271.1	257.7	▲19.8	▲13.4
Operating income	32.1	3.9	5.4	9.1	8.7	+1.5	▲0.4
Ordinary income	54.8	6.5	8.8	14.0	5.9	+2.3	<b>▲</b> 8.1
Net income (loss)	29.5	5.8	7.9	11.7	7.0	+2.1	<b>▲</b> 4.7
JCC price US\$/bbl	96.48	57.50	59.21	60.00	54.81	+1.71	<b>▲</b> 5.19
Exchange rate JP¥/bbl	106.23	115.00	121.44	115.00	120.82	+6.44	+5.82
Bitumen price CA\$/bbl	55.74	29.80	32.93	32.52	27.45	+3.13	<b>▲</b> 5.07
Exchange rate JP¥/CA\$	103.63	95.00	98.61	95.00	90.00	+3.61	<b>▲</b> 5.00
Davisad astimates							

Revised estimates Full (e) Nov.6,'15		1Q (a)	2Q (a)	3Q (e)	4Q (e)
JCC price US\$/bbl		56.49	62.50	50.00	50.00
Exchange rate	JP¥/US\$	119.74	123.31	120.00	120.00

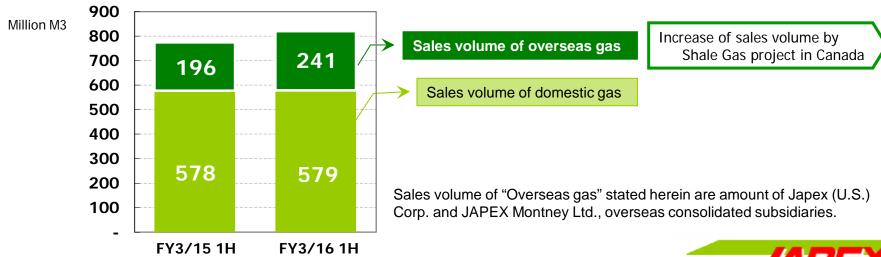


## Actual Financial Results for 1H FY3/16 (Summary)

Billion ¥	FY3/15 1H (a)	FY3/16 1H (e) (May12 ,'15)	FY3/161 H (a)	change vs Initial estimates Billion ¥ Net Sales (left axis)  Billion ¥  35.
Net Sales	146.8	144.0	124.1	<b>▲</b> 13% <b>146.8 144.0 30</b>
Operating income	15.1	3.9	5.4	+38%
Ordinary income	24.7	6.5	8.8	+35% 125.0
Net income	18.8	5.8	7.9	+36%
JCC price US\$/bbl	110.06	57.50	59.21	75.0
Exchange rate JP¥/US\$	102.13	115.00	121.44	50.0
Bitumen price CA\$/bbl	58.93	29.80	32.93	25.0 8.8 7.9 5.0
Exchange rate JP¥/CA\$	95.04	95.00	98.61	0.0
	▲ ¥19.8billion R F	e-schedule of c ield, Iraq, into t nding March 31	crude oil sales hird quarter of , 2016.	Operating income Ordinary income Net income

## Actual Sales of Natural Gas in 1H FY3/16 (vs 1H FY3/15)

Sales volume : Million M3 Net sales : Million ¥		FY2015 1H(a)	FY2016 1H (a)	Change
Natural gos	Sales volume	775	820	+45
Natural gas	Net sales	37,458	33,031	<b>▲</b> 4,427
Breakdown of equity natural gas	S			
Domestic gas	Sales volume	578	579	+0
(Domestically produced gas)	Sales volume	(382)	(361)	( <b>▲</b> 21)
Overseas gas	Sales volume	196	241	+45



## Actual Sales of Crude Oil in 1H FY3/16 (vs 1H FY3/15)

Sales volume : Thousand KL		FY3/15	FY3/16	Change	
Net sales : Millio	Net sales : Million ¥		1H(a)	onango	
Crude oil	Sales volume	1,107	1,480	+372	
	Net sales	73,500	57,148	<b>▲</b> 16,352	
Breakdown of equit	Breakdown of equity oil sales				
Domestic crude oil:	Sales volume	190	180	<b>▲</b> 10	
Domestic crude oii:	Net sales	13,768	8,427	<b>▲</b> 5,341	Decline in sales prices
Overseas crude oil:	Sales volume	273	669	+396	Increase of sales of
Overseas crude oii:	Net sales	18,568	24,416	+5,847	crude oil from Garraf oil field
Ditumon	Sales volume	152	143	<b>▲</b> 9	
Bitumen:	Net sales	5,382	2,927	▲2,454	Decline in sales prices

#### Oil price and Exchange rate assumptions

JCC price	US\$/bbl	110.06	59.21	<b>▲</b> 50.85
Exchange rate	JP¥ / US\$	102.13	121.44	+19.31
Bitumen price	CA\$/bbl	58.93	32.93	<b>▲</b> 26.00
Exchange rate	JP¥ / CA\$	95.04	98.61	+3.57

Sales volume and net sales of "Domestic crude oil" stated herein do not include purchased crude oil. Royalty is excluded in the net sales and price of Bitumen. Sales volume and net sales of "Overseas crude oil" stated herein are amounts of 3 overseas subsidiaries (Japex (U.S.) Corp., JAPEX Montney Ltd. and Japex Garraf Ltd.).

## Actual Financial Results for 1H FY3/16 (vs 1H FY3/15)

F Million VI	FY3/15	FY3/16	Change	Causes of increase(+) or decrease(▲)
[ Million ¥]	1H(a)	1H(a)	Change	Gross profit
Net sales	146,850	124,157	▲22,692	Domestic crude oil and natural gas ▲¥3.7billion
Gross profit	34,515	26,408	▲8,106_	Overseas consolidated subsidiaries ▲¥4.4billion
Exploration expenses	3,260	4,769	+1,509	
SG&A expenses	16,143	16,231	+87	Exploration expenses  Domestic exploration +0.8billion  Overseas exploration ▲2.3billion
Operating income	15,110	5,407	▲9,703	·
Non-operating income (expenses)	9,625	3,434	<b>▲</b> 6,190<	Non-operating income (expenses)  Share of profit of entities accounted
Ordinary income	24,736	8,842	▲15,894	for using equity method ▲ ¥4.8 billion  Foreign currency
Extraordinary income (losses)	13	<b>▲</b> 72	<b>▲</b> 85	translation differences ▲ ¥1.2 billion
Income taxes	4,781	3,660	▲1,121	
Minority interests in income	1,095	▲2,853	▲3,948	
Net income	18,873	7,963	▲10,910	

## Revised Full Year Estimates for FY3/16

## [Assumption for Crude Oil Prices and Exchange Rate]

			2015					Full was
			JanMar.	AprJun.	JulSep.	OctDec.	JanMar.	Full year
		Initial estimates	50.00	55.00	60.00	60.00		56.25
WTI	US\$/bbl	Revised estimates	48.70	57.75	46.50	40.00		48.24
100 ' 1104/111	Initial estimates		55.00	60.00	60.00	65.00	60.00	
JCC price	JCC price US\$/bbl	Revised estimates		56.49	62.50	50.00	50.00	54.81
Exchange rate	IDV/LIC¢	Initial estimates		115.00	115.00	115.00	115.00	115.00
Excitative rate	JP = / U.S.\$	Revised estimates		119.74	123.31	120.00	120.00	120.82
JACOS	CA¢/bbl	Initial estimates	27.72	32.45	35.16	35.18		32.52
Bitumen CA\$/bbl		Revised estimates	28.15	38.57	24.32	20.07		27.45
JML	CA¢/mcf	Initial estimates	3.54	3.53	3.57	3.62		3.57
Gas	CA\$/mcf	Revised estimates	2.37	2.35	2.23	1.82		2.17

- 1. "JACOS Bitumen" stated herein Bitumen selling price of Japan Canada Oil Sands Ltd. (Deduction of Royalty)
- 2. "JML Gas" stated herein Gas sales price of JAPEX Montney Ltd. (Deduction of Royalty)



## Revised Estimates in FY3/16 (Summary)

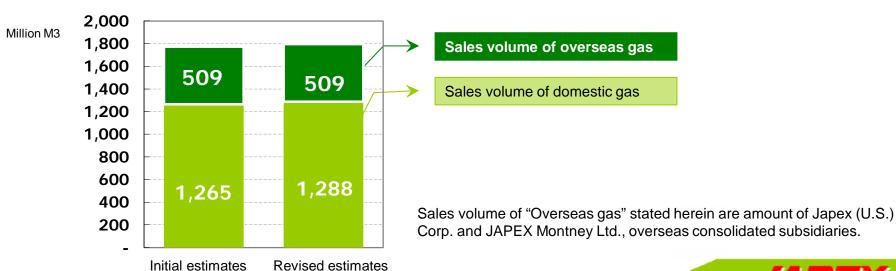
[Billion ¥]	Initial estimates Full(e) May12,'15	Revised estimates Full(e) Nov.6,'15	Change	Change VS Initial Estimates(	%) Billion¥ <b>285.0</b>	Net S	Sales (left a	xis)	Billion¥
Net Sales	271.1	257.7	<b>▲</b> 13.4	▲4%	265.0	27	71.1		- 16.0
Operating income	9.1	8.7	▲0.4	<b>▲</b> 4%	270.0			257.7	7
Ordinary income	14.0	5.9	<b>▲</b> 8.1	<b>▲</b> 58%	255.0	14	4.0		14.0
Net income	11.7	7.0	<b>▲</b> 4.7	▲40%	240.0		11.7		12.0
JCC price US\$/bbl	60.00	54.81	<b>▲</b> 5.19		225.0				10.0
Exchange rate JP¥/US\$	115.00	120.82	+5.82		210.0	9.1		8.7	8.0
Bitumen price CA\$/bbl	32.52	27.45	<b>▲</b> 5.07	_	195.0	-			7.0 6.0
Exchange rate JP¥/CA\$	95.00	90.00	<b>▲</b> 5.00	_	180.0	-		5.9	4.0
					165.0	-			2.0
	10 <b>(a)</b>	2Q <b>(a)</b>	3Q <b>(e)</b>	40 <b>(e)</b>	150.0				0.0
JCC price US\$/bbl (Initial estimates)	55.00	60.00	60.00	65.00	130.0	Initial e (e)Mar.	estimates 12,′15	Revised estir (e)Nov.6,'15	nates
(Revised estimates)	56.49	62.50	50.00	50.00		right ax			
Bitumen price CA\$/bbl (Initial estimates)	27.72	32.45	35.16	35.18		Or	perating incor dinary income et income		
(Revised estimates)	28.15	38.57	24.32	20.07					

### Revised Estimated Natural Gas Sales in FY3/16 (vs Initial Estimates)

Sales volume : Million M3 Net sales : Million ¥		Initial estimates Full <mark>(e)</mark> May12,'15	Revised estimates Full(e) Nov.6,'15	Change
Natural doc	Sales volume	1,773	1,797	+23
Natural gas	Net sales	67,856	70,094	+2,239

#### Breakdown of natural gas sales

Domestic gas	Sales volume	1,265	1,288	+23
(Domestically produced gas)	Sales volume	(757)	(765)	(+8)
Overseas gas	Sales volume	509	509	+0



## Revised Estimated Crude Oil Sales in FY3/16 (vs Initial Estimates)

Sales volume : Thousand KL Net sales : Million ¥		Initial estimates Full <mark>(e)</mark> May12,'15	Revised estimates Full(e) Nov.6,'15	Change
Crude Oil	Sales volume	3,423	3,397	<b>▲</b> 25
Crude Oil	Net sales	135,841	119,837	<b>▲</b> 16,004
Breakdown of e	equity oil sales			
Domestic	Sales volume	335	341	+7
crude oil	Net sales	14,964	15,181	+218
Overseas	Sales volume	1,827	1,796	<b>▲</b> 31
crude oil	Net sales	72,103	59,893	<b>▲</b> 12,209
Ditumon	Sales volume	294	296	+2
Bitumen	Net sales	5,710	4,599	▲1,111
Oil price and Ex	change rate ass	sumptions		
JCC price	USD/bbl	60.00	54.81	<b>▲</b> 5.19
Exchange rate	JP¥/US\$	115.00	120.82	+5.82
Bitumen price	CAD/bbl	32.52	27.45	<b>▲</b> 5.07
Exchange rate	JP¥/CA\$	95.00	90.00	<b>▲</b> 5.00

Decline in sales prices

Decline in sales prices

Sales volume and net sales of "Domestic crude oil" stated herein do not include purchased crude oil.
Royalty is excluded in the net sales and price of Bitumen. Sales volume and net sales of "Overseas crude oil" stated herein are amounts of 3 overseas subsidiaries (Japex (U.S.) Corp., JAPEX Montney Ltd. and Japex Garraf Ltd.).



## Revised Estimates for FY3/16 (vs Initial Estimates)

Million ¥	Initial estimates Full(e) May12,'15	Revised estimates Full(e) Nov.6,'15	Change
Net sales	271,118	257,724	▲13,394
Gross profit	49,475	49,055	▲421
Exploration expenses	7,243	7,338	+95
SG&A expenses	33,112	33,038	<b>▲</b> 74
Operating income	9,120	8,679	▲441
Non-operating income	4,891	▲2,802	<b>▲</b> 7,694
Ordinary income	14,012	5,877	▲8,135
Extraordinary income	▲20	52	+73
Income taxes	5,205	5,466	+261
Minority interests in income	▲2,919	<b>▲</b> 6,506	▲3,587
Net income	11,705	6,970	▲4,735

Causes of increase(+) or decrease(▲)

#### **Gross profit**

Domestic crude oil and natural gas +¥2.7billion

Overseas consolidated subsidiaries

▲¥2.6billion

#### Non-operating income (losses)

Foreign currency translation adjustments on debt ▲¥6.9billion

Equity in earnings

▲¥0.3billion



## Revised Estimated Natural Gas Sales in FY3/16 (vs FY3/15)

				- "	
Sales volume : Million M3 Net sales : Million ¥		FY3/15	FY3/16		
		Full (a)	Revised estimates Full(e) Nov.6,'15		
Sales vol		1,710	1,797	+86	
Natural gas	Net sales	83,974	70,094	▲13,880	
Breakdown of eq	uity natural gas				
Domestic gas	Sales volume	1,276	1,288	+11	
(Domestically pro	oduced gas) Sales volume	(813)	(765)	<i>(</i> <b>▲</b> 49)	
Overseas gas	Sales volume	434	509	+ 74	
2,000 1,800 1,600 1,400 1,200 1,000 800 600 400 200	1,276	1 288 Sales	Sales volume of overseas Sales volume of domestic gas volume of "Overseas gas" and JAPEX Montney Ltd.,	Shale (	. , ,

FY3/15 Full(a) FY3/16 Full(e)

## Revised estimated crude oil sales in FY3/16 (vs FY3/15)

		FY3/15	FY3/16		
Sales volume : Thousand KL Net sales : Million ¥		Full (a)	Revised estimates Full <mark>(e)</mark> Nov.6,'15	Change	
Crude oil	Sales volume	2,396	3,397	+1,001	
Crude oii	Net sales	133,346	119,837	▲13,510	
Breakdown of eq	uity oil sales				
Domestic	Sales volume	367	341	<b>▲</b> 26	
crude oil:	Net sales	23,857	15,181	<b>▲</b> 8,676	
Overseas	Sales volume	830	1,796	+966	(
crude oil:	Net sales	43,466	59,893	+16,427	
Bitumen	Sales volume	332	296	<b>▲</b> 36	
bitumen	Net sales	12,105	4,599	<b>▲</b> 7,507	
Oil price and Ex	change rate assu	ımptions			(
JCC price	US\$/bbl	96.48	54.81	<b>▲</b> 41.67	i i
Exchange rate	JP¥/USD	106.23	120.82	+14.59	(
Bitumen	CA\$/bbl	<i>55.74</i>	27.45	<b>▲</b> 28.29	(
Exchange rate	JP¥/CA\$	103.63	90.00	<b>▲</b> 13.63	(

Decline in sales prices

Increase of sales of crude oil from Garraf oil field

Decline in sales price

Sales volume and net sales of "Domestic crude oil" stated herein do not include purchased crude oil. Royalty is excluded in the net sales and price of Bitumen. Sales volume and net sales of "Overseas crude oil" stated herein are amounts of 3 overseas subsidiaries (Japex (U.S.) Corp., JAPEX Montney Ltd. and Japex Garraf Ltd.).



## Revised Estimates for FY3/16 (vs FY3/15)

Million ¥	FY3/15 Full(a)	FY3/16 Revised estimates Full(e)Nov.6,'15	Change	Gro Do and
Net sales	304,911	257,724	<b>▲</b> 47,188	Ov sul
Gross profit	70,262	49,055	▲21,207	
Exploration expenses	4,489	7,338	+2,848	Ex Inc
SG&A expenses	33,625	33,038	<b>▲</b> 588	
Operating income	32,146	8,679	▲23,468	
Non-operating income	22,692	▲2,802	<b>▲</b> 25,495	No Sh
Ordinary income	54,839	5,877	▲48,962	for
Extraordinary income	<b>▲</b> 4,465	52	+4,518	Fo
Income taxes	17,644	5,466	<b>▲</b> 12,178	ad Ot
Minority interests in income	3,161	<b>▲</b> 6,506	<b>▲</b> 9,668	
Net income	29,567	6,970	▲22,598	

Causes of increase(+) or decrease(▲)

#### **Gross profit**

Domestic crude oil and natural gas ▲¥7.6billion

Dverseas consolidated subsidiaries ▲¥12.5billion

#### Exploration expenses

Increase of Overseas exploration

▲2.7billion

#### Non-operating income (losses)

Share of profit of entities accounted for using equity method

▲¥10.1 billion

Foreign currency translation adjustments on debt **A**¥6.9 billion

Other ▲ ¥6.4 billion



# Crude Oil Prices and Exchange Rate Assumptions and Impact on Profits [3Q-4Q]

		FY3/15	FY3/16				
		1Q-4Q(a)	1stQ(a)	2ndQ(a)	3rdQ(e)	4thQ(e)	1Q-4Q <mark>(e)</mark>
JCC price	US\$/bbl	96.48	56.49	62.50	50.00	50.00	54.81
Exchange rate	JP¥/USD	106.23	119.74	123.31	120.00	120.00	120.82
Bitumen	CA\$/bbl	55.74	28.15	38.57	24.32	20.07	27.45
Exchange rate	JP¥/CA\$	103.63	94.78	98.61	89.34	90.00	90.00
Canadian gas	CA\$/mcf	4.20	2.37	2.35	2.23	1.82	2.17

Assumention	JCC price (3rdQ-4thQ)	Exchange rate (3rdQ-4thQ)	Bitumen (4thQ)	Canadian gas (4thQ)
Assumption	USD 50.00/bbl	120.00 JP¥/US\$	CA\$ 20.07/bbl (90.00 JP¥/CA\$)	CA\$ 1.82/mcf
Impact on Profits	US\$ 1 /bbl increase in crude oil prices would push profits up by	A weakening in Yen 1/US\$ would push profits up by	CAD 1 /bbl increase in bitumen prices would push profits up by	CAD 1 /mcf increase in Canadian gas prices would push profits up by
Operating income	360 Million Yen	200 Million Yen	40 Million Yen	410 Million Yen
Net income	250 Million Yen	120 Million Yen	30 Million Yen	170 Million Yen

Note: In addition to the impact of exchange rate fluctuations shown on the above, translation adjustments of foreign-currency-denominated receivables and payables also occur. Actual profits are influenced by a variety of other factors besides crude oil prices and exchange rates.

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