

LOK SABHA
UNSTARRED QUESTION NO.3100
TO BE ANSWERED ON 5TH DECEMBER, 2016

FARZAD-B GAS FIELDS

3100. SHRI PARVESH SAHIB SINGH:
SHRI CHANDRAKANT KHAIRE:
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पैट्रोलियम और प्राकृतिक गैस मंत्री

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- a. whether negotiations have been held the Farzad-B gas fields between Iran and overseas arm of Oil and Natural Gas Corporation Limited (ONGC) for development of reserves and set up plant there and if so, the progress made in this regard and outcome of the said negotiations;
- b. whether India and Iran have signed/ proposes to sign an agreement/ Memorandum of Understanding (MoU) to enhance cooperation in the oil and gas/ hydrocarbon sector and to study explore the feasibility of gas pipeline;
- c. if so, the details thereof along with the time by which the said agreement/MoU is likely to be finalised;
- d. the details of oil and gas blocks acquired abroad by ONGC/ONGC Videsh Limited (OVL)/Oil Marketing Companies (OMCs) along with status of commercial production and quantum of oil and gas produced and supply to the country so far, company/country/block-wise;
- e. whether ONGC/OVL and OMCs including IOCL have bought/proposes to buy stake in foreign countries and have signed agreements in the oil/gas sector; and
- f. if so, the details thereof along with the amount proposed to be invested as a result of these agreements and MoU and the benefits likely to accrue to the country therefrom, company/block-wise?

ANSWER

पैट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री (स्वतंत्र प्रभार) (श्री धर्मेन्द्र प्रधान)

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI DHARMENDRA PRADHAN)

- (a) Farzad B field had been awarded by Iran to an Indian consortium comprising ONGC Videsh Ltd (OVL), IOCL and OIL for exploratory activities. The consortium discovered gas in the field. Indian side submitted a Master Development Plan to the Iranian side. Agreement on the same and Development Service Contract has not yet been concluded.
- (b) No Madam
- (c) Does not arise

(d) The details of oil and gas blocks acquired by Indian PSUs is placed at Annexure-I.

(e) & (f): An Indian Consortium, comprising Indian Oil Corporation Limited (IOCL), Oil India Limited (OIL) and Bharat Petro Resources Limited (BPRL), acquired 29.9% stake in Taas-Yuryakh and 23.9% stake in Vankorneft Oil and Gas fields from Russian National Oil Company Rosneft. Separately, OVL also acquired total of 26% stake in Vankorneft oil and gas field from Rosneft. The total investment made by the four companies is around US \$ 5.46 billion and the acquisition is estimated to provide 15.18 million metric ton of oil equivalent per annum to India.

ANNEXURE REFERRED TO IN REPLY TO PARTS (b) TO (f) OF LOK SABHA UNSTARRED QUESTION NO.3100 TO BE ANSWERED ON 5TH DECEMBER, 2016 REGARDING FARZAD B GAS FIELDS

OVERSEAS PROJECTS/ASSETS

Sl. No.	Country	Name of the Project	Participating Companies and their Share	Investment and Status of Commercial Production (IOCL) in Boe/d	Investment and Status of Commercial Production (OIL) in BOPD	Investment and Status of Commercial Production (OVL) in MMTOE	Investment and Status of Commercial Production (BPRL) in MMTOE	Investment and Status of Commercial Production (HPCL) in MMTOE
1.	Vietnam	Block 06.1, Offshore	ONGC 45% Videsh-TNK-35% (Operator) Petrovietnam-20%	NA	NA	USD 433.15 Million 1.688		
		Block 128, Offshore	ONGC 100% Videsh-	NA	NA	USD 50.88 Million NA		
2.	Russia	Sakhalin-1, Offshore	ONGC 20% Videsh – Exxon Mobil –30% (Operator) Sodeco – 30% SMNG – 11.5% RN Astra – 8.5%	NA	NA	USD 6453.30 Million 2.330		
		Imperial Energy, Russia	ONGC 100% Videsh-	NA	NA	USD 2754.59 Million 0.335		
		Vankorneft	ONGC 26% Videsh 23.9% OIL, IOCL, BPRL –	NA	NA	USD 4218 million		
		Taas-Yuryakh	OIL, IOCL, BPRL – 29.9%			US D 1242 million		
		License 61	OIL: 50%	NA	Inv: USD	NA		

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			Petroneft: 50%		85.12 Mn Prod: 1786 BOPD (as on 24 Jul 2016)			
3.	Sudan	GNPOC, Block 1, 2 & 4, Sudan	ONGC Videsh – 25% CNPC – 40% Petronas – 30% Sudapet – 5% (Jointly Operated)	NA	NA	USD 2249.03 Million 0.627		
		Khartoum-Port Sudan Pipeline (741 Km), Sudan	ONGC Videsh-90% (Operator) OIL-10%	NA	Investment: USD 12.19Mn Prod: NA	USD 158.01 Million NA		
4.	South Sudan	GPOC, Block 1, 2 & 4, South Sudan	ONGC Videsh – 25% CNPC – 40% Petronas – 30% Nilepet – 5% (Jointly Operated)	NA	NA	USD 18.81 Million 0		
		SPOC/Block 5A, South Sudan	ONGC Videsh–24.125% Petronas–67.875% Nilepet – 8% (Jointly Operated)	NA	NA	USD 460.09 Million		
5.	Myanmar	Block A-1, Myanmar	ONGC Videsh – 17%	NA	NA	A1: USD 343.17Million		

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			Daewoo-51% (Operator) KOGAS - 8.5% GAIL - 8.5% MOGE - 15%					
		Block A-3, Myanmar	ONGC Videsh - 17% Daewoo-51% (Operator) KOGAS - 8.5% GAIL - 8.5% MOGE - 15%	NA	NA	A3: USD 130.10 Million A1&A3: 0.891		
		Shwe Offshore Mid-Stream Project, Myanmar	ONGC Videsh - 17% Daewoo-51% (Operator) KOGAS - 8.5% GAIL - 8.5% MOGE - 15%	NA	NA	USD 71.48 Million NA		
		Onshore Gas Transportation Pipeline, Myanmar	ONGC Videsh - 8.347% CNPC-SEAP - 50.9% (Operator) Daewoo - 25.041% GAIL - 4.1735% KOGAS - 4.1735% MOGE - 7.365%	NA	NA	USD 149.60 Million NA		
		Block B-2,	ONGC Videsh - 97% (Operator) M&S - 3%	NA	NA	USD 2.31 Million NA		
		Block EP-3,	ONGC Videsh -	NA	NA	USD 1.82		

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		Myanmar	97% (Operator) M&S - 3%			Million NA		
		Block: M4, Myanmar	OIL:60% (Op) Oilmax: 10% Mercator: 25% Oil Star:5%		Investment: USD 0.21Mn Prod: NA as the Block is under exploration.			
		Block :YEB, Myanmar	OIL:60% (Op) Oilmax: 10% Mercator: 25% Oil Star:5%		Investment: USD 0.21Mn Prod: NA as the Block is under exploration.			
6.	Mozambique	Rovuma Area-1	ONGC Videsh - 16% Anadarko - 26.5% (Operator) OIL - 4% ENH - 15% Mitsui - 20% BPRL - 10% PTTEP - 8.5%	NA	Investment: USD 1079.75 Mn Prod: NA as the Block is under Development	USD 4409.48 Million NA	Investment till June 2016: US\$ 567.5 MM Commercial production yet to commence.	
7	Iraq	Block 8, Iraq	ONGC Videsh - 100%	NA	NA	USD 1.03 Million NA		

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8.	Iran	Farsi Offshore Block, Iran	ONGC Videsh – 40% (Operator) IOC – 40% OIL – 20%	US\$ 37.38 Million / NA	Investment: USD 18.56Mn Prod: NA as the Block is yet to be developed.	USD 35.66 Million NA		
9.	Libya	Block 43, Libya	ONGC Videsh-100%	US\$ 35.58 Million / NA	NA	USD 42.19 Million		
		Area 95-96	Sonatrach – 50% Indian Oil – 25% OIL – 25%	NA	Investment: USD 36.64Mn Prod: NA as the Block is under exploration.			
10.	Syria	Block 24, Syria	ONGC Videsh – 60% IPR International – 25% (Operator) Tri Ocean Mediterranean – 15%	NA	NA	USD 70.09 Million NA		
		Al Furat Petroleum Co., Syria	Himalaya Energy (Syria) B.V. – 33.33% to 37.5% Shell – 66.67% to 62.5% (Operator –Al Furat	NA	NA	USD 278.51 Million 0		

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		Colombia	SIPC - 50% (Jointly Operated)			NA		
		Block GUA OFF 2, Colombia	ONGC Videsh - 100%	NA	NA	USD 1.85 Million	NA	
		CPO-5, Colombia	ONGC Videsh – 70% (Operator) Petrodorado – 30%			USD 67.62 Million	NA	
		SSJN7, Colombia	ONGC Videsh – 50% Pacific Rubieales Energy (PRE) – 50% (Operator)			USD 9.82 Million	NA	
13	Venezuela	San Cristobal Project,	ONGC Videsh-40% PDVSA-60% (Jointly Operated)		NA	USD 486.81 Million	0.649	
		Carabobo-1 Project, Venezuela	ONGC Videsh – 11% IOC – 3.5% OIL – 3.5% Petronas – 11% PDVSA – 71% (Jointly Operated)	US\$ 57.64 Million / 791	Investment: USD 58.3Mn Prod: 809 BOPD (as on 24 th July, 2016)	USD 219.36 Million	0.119	
14	Kazakhstan	Satpayev Project, Kazakhstan	ONGC Videsh – 25% KMG – 75% (Operator)	NA	NA	USD 204.90 Million	NA	
15.	Azerbaijan	ACG, Azerbaijan	ONGC Videsh-2.7213% BP-36% (Operator)	NA	NA	USD 1005.16 Million		

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			SOCAR-12% Chevron-11% INPEX-11% Exxon-8% StatOil-8% TPAO-7% ITOCHU-4%			0.965		
		BTC Pipeline (1760 Km), Azerbaijan	ONGC Videsh-2.36% BP-30.1% (Operator) SOCAR-25% StatOil-8.71% TPAO-6.53% ITOCHU-3.4% Chevron-8.9% INPEX-2.5% ENI-5% TOTAL-5% Conoco Philips-2.5%	NA	NA	USD 70.07 Million NA		
16.	Bangladesh	Block SS4, Bangladesh	ONGC Videsh - 45% (Operator), OIL - 45% BAPEX - 10%	NA	Investment: USD 1.30Mn Prod: NA as the Block is under exploration.	USD 0.66 Million NA		
		Block SS9, Bangladesh	ONGC Videsh - 45% (Operator),	NA	Investment: USD	USD 0.96 Million		

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			OIL - 45% BAPEX - 10%		1.64Mn Prod: NA as the Block is under Exploration	NA		
17.	New Zealand	Block-14TAR-R1,	ONGC Videsh - 100%	NA	NA	USD 0.02 Million NA		
18.	Indonesia	Nunukan Block	BPRL- 12.5% PT Pertamina Hulu Energy-35% (operator) PT Medico – 40% Videocon Indonesia -12.5%	NA	NA	NA	Investment till June 2016: US\$ 43.48 MM Commercial production yet to commence.	
19.	Australia	Block EP – 413 (onland)	BPRL- 27.803%	NA	NA	NA	Investment till June 2016: AUD 12.5 MM Commercial production yet to commence.	
		T/L 1 & T/18P	-	NA	NA	NA	NA	Prize Petroleum Company Ltd. (PPCL), a wholly owned subsidiary and upstream arm of HPCL, had acquired minority stake in two E&P assets (11.25% in T/L1 license &

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								9.75% in T/18P permit) in Australia in 2014 through its subsidiary Prize Petroleum International Pte Ltd (PPIPL), Singapore. Investment made so far in these assets is US\$ 105 million and the total cumulative production to PPCL share till July 2016 is 0.173 MMTOE.
20.	East Timor	Block JPDA 06-103	BPRL- 20%	NA	NA	NA	Investment till June 2016: US\$ 20.31 MM Commercial production yet to commence.	
21.	USA	Niobrara Shale Oil/Condensate JV asset	Carrizo (Niobrara) LLC – 60% OIL - 20% Indian Oil – 10% Haimo Oil & Gas - 10%	US\$ 80.83 Million / 429	Investment: USD 155.49Mn Prod: 308 BOPD as on 19 th Jul 2016			
		Eagle Ford Shale acreage in Texas State	GAIL 20% PI US \$ 246.02 million.	3,276.5 Mboe of shale gas				
22.	Canada	Pacific	Progress Energy	US\$ 1365.95	NA	NA		

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		Northwest LNG Project	Canada Ltd. – 62% Sinopec – 15% Indian Oil – 10% Japex – 10% Petroleum Brunei – 3%	Million / 9675				
23.	Nigeria	OPL- 205 OML – 142	Summit Oil 30% Suntera Nigeria 205 Ltd – 70% Suntera 50%, Indian Oil 25%	US\$ 16.21 Million / NA	Investment: USD 15.997Mn Prod: NA as the Block is under exploration.	NA		
24.	Gabon	Shakthi	Old PSC: OIL – 45% Indian Oil – 45% Marvis Pte Ltd - 10% New PSC: OIL – 50% Indian Oil – 50%	US\$ 72.08 Million / NA	Investment: USD 72.18Mn Prod: NA as the Block is under Development	NA		
25.	Yemen	82	Medco – 45% Kuwait Energy – 25% IOC- 15% OIL- 15%	US\$ 4.84 Million / NA	Investment: USD 6.02Mn Prod: NA as the Block is under exploration.	NA		
26.	Brazil	BM-SEAL-	Petrobras				Investment till June	

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		11 (3 blocks), Sergipe Basin	(Operator)- 60%, IBV 40%				2016: US\$ 410.9 MM Commercial production yet to commence.	
		BM-C-30 (1 block), Campos Basin	Anadarko Petroleum (Operator) - 30%, British Petroleum - 25%, Maersk - 20%, IBV 25%				Investment till June 2016: US\$ 100.96 MM Commercial production yet to commence.	
		BM-POT-16 (2 blocks), Potiguar Basin	Petrobras 30% (Operator), BP - 30%, Galp Energia - 20%, IBV 20%				Investment till June 2016: US\$ 36.28 MM Commercial production yet to commence.	