

LOK SABHA
STARRED QUESTION NO.*315
TO BE ANSWERED ON 21st DECEMBER, 2015

OIL AND GAS EXPLORATION

***315. DR. SANJAY JAISWAL:**
SHRI MALYADRI SRIRAM:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) the details of oil and gas explorations made under the New Exploration and Licensing Policy by public/private sector companies including ONGC and Oil India Limited during the last three years and the current year along with the status of production from these oil and gas blocks, State/UT/company-wise;
- (b) the targets fixed and achieved by public/private sector companies in exploration of oil and natural gas reserve during the above period, State/UT/company-wise;
- (c) whether the Government has explored deep water and ultra-deep water oil and gas resources with the prospect of increasing domestic oil production and if so, the details thereof and if not, the reasons therefor; and
- (d) The details of incentives given by the Government to the private and public sector companies which are engaged in exploration and production on deep/ultra-deep water oil/gas wells in the country, company-wise?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री (प्रधान धर्मन्द्र श्री) (प्रभार स्वतन्त्र)

MINISTER OF STATE (I/C) IN THE MINISTRY OF PETROLEUM & NATURAL GAS

(SHRI DHARMENDRA PRADHAN)

- (a) to (d) A statement is laid on the table of the house.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF THE LOK SABHA STARRED QUESTION No. 315 BY Dr. SANJAY JAISWAL AND SHRI MALYADRI SRIRAM: TO BE ANSWERED ON 21.12.2015 REGARDING "OIL AND GAS EXPLORATION".

(a) Details of exploratory work carried out by operators which include PSUs, Private & JV companies for the blocks awarded under the NELP for the year 2012-13 to 2014-15 & 2015-16 (April- September) is placed at **Annexure-I**.

So far a total of 145 hydrocarbon discoveries (53 oil and 92 gas) have been made under the NELP regime in 48 exploration blocks. Oil and gas production are currently being realized from 16 (11 oil & 5 gas) discoveries in 9 blocks. Though Oil & gas production had commenced in 18 (11 oil & 7 gas) discoveries in 10 blocks, production from two gas discoveries of block CB-ONN-2000/2 has stopped. The status of commercial production is at **Annexure-II**.

(b) Details of oil and natural gas reserves (2P) accreted by operators which include PSUs, Private & JV companies for the blocks awarded under the NELP for the year 2012-13 to 2014-15) is placed at **Annexure-III**.

(c) 81 nos. of deep water/ ultra-deep water exploration blocks covering an area of 9,22,519 Square KM has been awarded to PSUs, Private & JV companies under the nine NELP Bidding Rounds concluded so far. As a result of exploration activities carried so far in these blocks 2D seismic survey of 2,61,242 LKM, 3D seismic Survey of 1,81,890 SKM and drilling of 143 exploratory wells have been completed (up to 30.09.2015) and 48 hydrocarbon discoveries (8 Oil & 40 Gas) have been made. At present, one oil and two gas discoveries of deepwater block KG-DWN-98/3 are on production.

(d) As an incentive measure royalty is charged at half of the prevailing rate for deep water areas beyond 400 m bathymetry for the first 7 years after commencement of commercial production. These incentives are applicable to all the companies.

Annexure-I

Details of exploratory work carried out by operators which include PSUs, Private & JV companies for the blocks awarded under the NELP for the year 2012-13 to 2014-15 & 2015-16 (April- September)

Operator/Location	2D LKM	3D SKM	Exp. Wells Nos
Bharat Petro Resources Ltd	21	173	0
Gujarat	21	173	0
British Gas Exploration and Production (India) Ltd.	1376	0	0
Western Offshore	1376	0	0
Cairn Energy India Pty Ltd.	3709	1524	0
Western Offshore	2128	0	0
Eastern Offshore	1581	1524	0
Essar Oil Ltd.	1200	672	0
Western Offshore	1200	603	0
Assam	0	69	0
Focus Energy Ltd.	4867	1344	23
Western Offshore	4867	1126	10
Rajasthan	0	218	13
GAIL (India) Limited.	0	340	0
Tamil Nadu	0	340	0
Gujarat State Petroleum Corporation Ltd.	0	0	5
Gujarat	0	0	1
Rajasthan	0	0	3
Andhra Pradesh	0	0	1
Hindustan Oil Exploration Company Limited.	0	512	0
Rajasthan	0	512	0
Indian Oil Corporation Ltd.	0	103	11
Gujarat	0	103	11
Jay Polychem (India) Ltd.	0	0	2
Gujarat	0	0	2
Jubilant Oil & Gas Private Limited.	153	0	1
Manipur	153	0	0
Tripura	0	0	1
Mercator Petroleum Private Limited.	0	0	3
Gujarat	0	0	3
Naftogaz	0	0	1
Gujarat	0	0	1
National Thermal Power Corporation	340	165	5
Gujarat	340	165	5
Oil and Natural Gas Corporation Ltd.	1014	13020	91
Western Offshore	0	4827	18
Eastern Offshore	0	5962	30
Andaman-Nicobar	0	1336	1
Assam	146	34	0
Gujarat	703	269	21
Rajasthan	101	0	4
West Bengal	0	579	3
Andhra Pradesh	0	0	1

Bihar	0	0	2
Mizoram	0	0	1
Tamil Nadu	0	0	7
Tripura	64	14	2
Uttar Pradesh	0	0	1
Oil India Ltd.	346	2452	7
Assam	312	214	0
Rajasthan	0	1491	4
Andhra Pradesh	34	134	2
Mizoram	0	613	1
Omkar Naturals Resources Pvt. Ltd.	350	83	1
Gujarat	350	83	1
Prize Petroleum Company Ltd.	0	0	2
Madhya Pradesh	0	0	2
Reliance Industries Ltd.	0	2081	9
Eastern Offshore	0	2081	9
Sintex Oil & Gas Pvt. Ltd.	0	347	1
Gujarat	0	347	1
Grand Total	13377	22816	162

Details of hydrocarbon discoveries made by operators which include PSUs, Private & JV companies for the blocks awarded under the NELP for the year 2012-13 to 2014-15 & 2015-16 (April- September)

Operator	State	Oil	Gas	Grand Total
Focus Energy Ltd.	Western Offshore		1	1
Jay Polychem (India) Ltd.	Gujarat	1		1
Jubilant Oil & Gas Private Limited.	Tripura		1	1
Mercator Petroleum Private Limited.	Gujarat	2		2
Oil and Natural Gas Corporation Ltd.	Western Offshore		5	5
	Eastern Offshore	4	5	9
	Gujarat	4		4
	Tamil Nadu	3	2	5
	Tripura		1	1
Oil and Natural Gas Corporation Ltd. Total		11	13	24
Oil India Ltd.	Rajasthan	1		1
	Andhra Pradesh		1	1
Oil India Ltd. Total		1	1	2
Reliance Industries Ltd.	Eastern Offshore		2	2
Grand Total		15	18	33

Annexure-II

The status of commercial production and quantum of crude oil and gas produced by PSUs , Private& JV companies for blocks awarded under the NELP for the year 2012-13 to 2014-15 & 2015-16 (April- November)

FIELD BLOCK	Operator	Location Area	Oil + Condensate (TMT)				GAS (MMSCM)			
			12-13	13-14	14-15	15-16 (April- November)	12-13	13-14	14-15	15-16 April- November)
CB-ONN-2000/1	GSPC	Gujarat	46.09	48.05	40.47	25.76	0.77	1.48	1.57	1.05
CB-ONN-2000/2	NRL	Gujarat					12.84			
CB-ONN-2002/1	ONGC	Gujarat				0.12				
CB-ONN-2002/3	GSPC	Gujarat		0.13	0.34	0.01				
CB-ONN-2003/2	GSPC	Gujarat		0.15	1.63	2.29		0.01	0.06	0.09
CB-ONN-2004/1	ONGC	Gujarat			0.05	0.39				
CB-ONN-2004/2	ONGC	Gujarat			0.06	0.81				
KG-DWN-98/3	RIL	Eastern Offshore	394.29	274.34	266.66	147.97	9516.53	5050.04	4461.91	2739.32
KG-OSN-2001/3	GSPC	Eastern Offshore			3.55	2.80			110.16	111.14
CB-ONN-2001/1	ONGC	Gujarat				0.46				0.00
Grand Total			440	323	313	181	9530	5052	4574	2852

TMT- Thousand Metric Tonnes

MMSCM- Million Standard Cubic Meters

Annexure-III

Oil and natural gas reserves (2P) accreted by operators which include PSUs, Private & JV companies for the blocks awarded under the NELP for the year 2012-13 to 2014-15) is placed at

	Oil +Condensate (MMT)	Gas (BCM)	O + OEG (MMT)
Western Offshore	0.00	3.54	3.54
Oil and Natural Gas Corporation Ltd.	0.00	3.54	3.54
Eastern Offshore	105.23	78.47	183.70
Gujarat State Petroleum Corporation Ltd.	-2.60	0.00	-2.60
Oil and Natural Gas Corporation Ltd.	107.83	58.11	165.94
Reliance Industries Ltd.	0.00	20.36	20.36
Gujarat	21.45	-1.01	20.44
Gujarat State Petroleum Corporation Ltd.	3.34	0.12	3.46
Niko Resources Limited.	0.00	-1.13	-1.13
Oil and Natural Gas Corporation Ltd.	15.88	0.00	15.88
Reliance Industries Ltd.	2.23	0.00	2.23
Andhra Pradesh	32.24	0.00	32.24
Cairn Energy India Pty Ltd.	32.24	0.00	32.24
Tamil Nadu	2.98	0.00	2.98
Oil and Natural Gas Corporation Ltd.	2.98	0.00	2.98
Tripura	0.00	34.31	34.31
Jubilant Oil & Gas Private Limited.	0.00	34.31	34.31
Grand Total	161.90	115.31	277.21

O+OEG- Oil and Oil Equivalent of Gas