

**GOVERNMENT OF INDIA  
PETROLEUM AND NATURAL GAS  
LOK SABHA**

UNSTARRED QUESTION NO:584  
ANSWERED ON:24.11.2011  
OIL AND GAS RESERVES IN RAJASTHAN  
Dhurve Jyoti

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

- (a) whether oil and gas reserves have been found in Rajasthan;
- (b) if so, the details thereof alongwith the quantity of oil and gas being excavated from these reserves since the year 2010;
- (c) the percentage of oil and gas likely to be produced in Rajasthan during the year 2011 as compared to the total production in the country; and
- (d) the areas in which most of the oil and gas reserves have been found in Rajasthan alongwith the quantity of production and cost of production therefrom?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI S. JAIPAL REDDY)

(a) & (b) Yes Madam, Under the Production Sharing Contract (PSC) regime, total 15 discoveries have been made (12 oil and 3 gas) in the block RJ-ON-90/1, operated by M/s Cairn Energy India Limited, in Barmer & Jalor districts of Rajasthan. Recoverable reserve of amount 369 Million Barrel of oil and 43 Billion Cubic Feet (BCF) of gas has been established so far in this block as per approved Field Development Plan.

Further, 2 gas discoveries have been made in the block RJ-ON/6, operated by M/s FOCUS Energy, in the Jaisalmer district of Rajasthan. Recoverable gas reserve of about 238 BCF has been established so far in this block as per approved Field Development plan.

The oil and gas production from the above two blocks during 2010-11 and 2011-12 (till October, 11) are as under.

Block    2010-11        2011-12  
          (Till October, 2011)

	Oil & Gas (BCM)	Oil & Condensate Gas (BCM)	Condensate (MMT)	(MMT)
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RJ-ON-90/1	5.148	0.243	3.738	0.160
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RJ-ON/6	0.0002	0.021	0.0003	0.039
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Seven gas discoveries made by Oil and Natural Gas Corporation (ONGC) in Rajasthan state are Manhera Tibba, Ghotaru, Kharatar, Bakhri Tibba, Bankia, Sadewala and Chinnewala Tibba. Six of these are marginal fields.

Of the above seven discoveries, Manhera Tibba has been put on production and a total of 10.6 MMm3 of gas was produced from this field during the year 2010-11.

Oil India Limited (OIL) discovered reserves of heavy oil and bitumen in Baghewala oilfield in Bikaner-Nagaur Basin and natural gas in Jaisalmer basin in Jaisalmer district in Rajasthan. OIL produced a total of 157.37 Million Metric Standard Cubic Metre(MMSCM) of natural gas during 2010-11 and 114.74 (April to September, 2011). OIL has not commenced production of heavy oil/ bitumen in

Rajasthan, which is difficult to be produced by conventional method and presently, experiments are on to produce the same.

(c) During 2011-12, the estimated production of oil and gas in Rajasthan is likely to be 6.224 Million Metric Tonne (MMT) and 0.735 Billion Cubic Metre (BCM ) respectively which is 16.3% of the country's total estimated production of oil i.e. 38.18MMT and 1.42% of total gas production i.e. 51.67 BCM.

(d) Under the PSC regime, most of the oil reserves have been found in Mangala, Bhagyam and Aishwariya (MBA) fields of RJ-ON-90/1 block. Gas reserves have been found in Deep Raageshwari Gas field in this block and also in RJ-ON/6 block.

The current oil and gas production from RJ-ON-90/1 block is about 125,250 barrels of oil per day and 0.76 MMSCMD respectively. As per Audited Accounts for the year 2010-11 submitted by the operator, the calculated unit cost of production (excluding statutory levies) in RJ-ON-90/1 block works out to be about US\$ 13.19/bbl.

The current gas production from RJ-ON/6 block is about 0.20 MMSCMD and condensate production is about 14 bbl/ day and the calculated unit cost of production is about 1.82 US\$/MMbtu (excluding statutory levies), calculated based on the data provided by the operator.