

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

UNSTARRED QUESTION NO:197
ANSWERED ON:22.02.2013
OIL AND GAS FROM KG BASIN
Deo Shri Kalikesh Narayan Singh

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

- (a) the total estimated reserves along with the present status of production of oil and gas from the Krishna Godavari (KG) basin, particularly from D6 blocks;
- (b) the details of the terms and conditions laid down for exploration and production of oil and gas from the KG D6 basin;and
- (c) the further investments proposed for maximising production of oil and gas form the KG basin?

Answer

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SMT. PANABAACA LAKSHMI)

(a) Under the Production Sharing Contract (PSC) regime, so far oil and gas reserves have been established in the following three fields/blocks in Krishna- Godavari Basin:

- i. KG-DWN-98/3 (KG-D6), operated by Reliance Industries Ltd. (RIL)
- ii. KG-OSN-2001/3, operated by Gujarat State Petroleum Corporation Ltd. (GSPCL)
- iii. Ravva Field, operated by Cairn Energy India Pty. Ltd. (CEIL)

Out of the above, commercial oil and gas production is being realized from Ravva field and KG-D6 block. The other block, operated by GSPCL, is currently under development. The details of Balance Recoverable Reserves of oil and gas, as on 31.01.2013 and the current oil/gas production are as under:

Block/Field Balance Reserves Average Production(2012-13)

Block/Field	Balance Reserves		Average Production(2012-13)	
	Oil (Million Barrels) (MMBBL)	Gas (Trillion Cubic Feet) (TCF)	Oil (Barrels of Oil Per Day) (BOPD)	Gas (Million Metric Standard Cubic Meter Per Day) (MMSCMD)
Ravva	36.6	0.02	22,000	1.44
KG-D6	12.6	10.6	9,400	27.62
KG-OSN-2001/3	19.1	(condensate)	1.06	Under Development
Total	68.3	11.68	31,400	29.06

The figures indicated above are as per approval given so far. Subsequently, RIL has submitted the Revised Field Development Plan (RFDP) for D1 & D3 gas fields in KG-D6 block on 28.08.2012, with downward revision of recoverable reserves from 10.03 TCF approved in Addendum to the Initial Development Plan (AIDP) to about 3.10 TCF. Clarifications/data have been sought from RIL by Directorate General of Hydrocarbons (DGH) under this Ministry, for such downward revision of reserves.

Under nomination regime, as on 01.04.2012, ONGC has estimated in-place hydrocarbon volume of 677.55 Million Metric Tonne Oil Equivalent (MMTOE) in both on-land and offshore areas in KG Basin and the details of crude oil and natural gas production by ONGC during last two years i.e. 2010-11 and 2011-12 and the current year i.e. 2012-13 (April'12 to December'12) are as under:-

2010-11 2011-12 2012-13

Crude Oil Production Million Metric Tonne (MMT)

KG Onshore (Rajahmundry Asset, Andhra Pradesh) 0.305 0.305 0.218

Eastern (KG) Offshore (off the Coast of Andhra Pradesh) - 0.038 0.035

Total KG Basin 0.305 0.343 0.253

Natural gas Production Million Metric Standard Cubic Meter (MMSCM)

KG Onshore (Rajahmundry Asset, Andhra Pradesh) 1384 1364 949

Eastern (KG) Offshore (off the Coast of Andhra Pradesh) - 25 43

Total KG Basin 1384 1389 992

Apr'12 to Dec'12-Provisional figures.

Reserves available for production as on 1.04.2012 are 133.06 MMTOE oil and gas, including 47.89 MMTOE in onland & 85.17 MMTOE in offshore areas of KG Basin as on 1.04.2012.

(b) The terms and conditions for exploration, development and production are laid down in the Production Sharing Contract (PSC) of KG-DWN-98/3 (KG-D6) block.

(c) Under the PSC regime, the following investments have been proposed by the Contractor(s) in the above three blocks for carrying out exploration and development activities in order to increase oil and gas production:

Block/Field Proposed Investment (US\$ Million)

Ravva 335

KG-D6 5,024

KG-OSN-2001/3 3,069

Total 8,428

Under nomination regime, ONGC would invest approximately US\$ 1.4 Billion.