

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

UNSTARRED QUESTION NO:4203  
ANSWERED ON:22.03.2013  
PRODUCTION OF OIL AND GAS  
Jardosh Smt. Darshana Vikram

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

- (a) the steps taken by the Union Government in consultation with State Government to increase natural gas and crude oil production in the country;
- (b) the target set by the Government for natural gas production for the next three years;
- (c) whether the Government has conducted any latest scientific survey to identify new probable fields for production of natural gas and crude oil; and
- (d) if so, the details thereof, State/UT-wise including Gujarat?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRIMATI PANABAAGA LAKSHMI)

(a) In order to increase the crude oil/gas production in the country, Government has taken the following steps:

- i. Offering of more unexplored areas for exploration through future New Exploration Licensing Policy (NELP) /Open Acreage Licensing Policy (OALP) bidding rounds
- ii. Exploring alternate energy sources such as Coal Bed Methane (CBM), Shale Gas/Shale Oil and Gas Hydrates etc.
- iii. Acquiring oil /gas assets abroad by oil PSUs.
- iv. Sourcing gas through trans-national Turkmenistan –Afghanistan –Pakistan-India (TAPI) pipeline.

(b) As per the XII Plan document prepared based on the projections submitted by the Operators and reviewed by DGH, the natural gas production (including CBM production) under the PSC regime during the next 3 years is projected as under:

Year XII Plan Target under PSC regime  
Billion Cubic Meter (BCM)

2013-14 14.00

2014-15 16.50

2015-16 18.50

(c)& (d) The Directorate General of Hydrocarbons (DGH) conducts various geo-scientific surveys in onland and offshore areas of the country to ascertain the hydrocarbon prospectivity. The details of such surveys carried out in the last three years and the current year (till January, 2013) are given as under:

GEO-SCIENTIF SURVEYS CARRIED OUT BY DGH DURING 2009-10 TO 2012-13 (Till January, 2013)

SR.No.	Area/ Block	Survey Type	Location Carried Out	Survey	Year
--------	----------------	----------------	-------------------------	--------	------

I. SEISMIC AND GRAVITY MAGNETIC SURVEYS

1	Western and Eastern Offshore	2D seismic	Offshore	9632.5 LKM	2008-10
---	------------------------------	------------	----------	------------	---------

2	Western Offshore	2D seismic	Offshore	3607.5 LKM	2009-10
---	------------------	------------	----------	------------	---------

3	Kutch	Airborne	Onland	13,994.64 LKM	2009-10
		Gravity			
		Magnetic			

II. GEOCHEMICAL SURVEYS

SR.NO.	Area/Basin	State	Location	Number of Samples Collected	Year
--------	------------	-------	----------	-----------------------------------	------

1	RAJASTHAN	RAJASTHAN	Onland	554	2009-10
---	-----------	-----------	--------	-----	---------

2	BENGAL ONLAND	WEST BENGAL		800	2009-10
---	---------------	-------------	--	-----	---------

3	CAUVERY BASIN	TAMIL NADU		300	2010-11
---	---------------	------------	--	-----	---------

4	SATPURA-SOUTH	JHARKHAND-CHATTISGARH		300	2010-11
---	---------------	-----------------------	--	-----	---------

5	SOUTH REWA	CHATTISGARH		410	2011-13
---	------------	-------------	--	-----	---------

6	SPITI-ZANSKAR	JAMMU & KASHMIR/		1014	2012-13
	-KAREWA	HIMACHAL PRADESH			

In addition to the surveys carried out by DGH, the Contractors under the Production Sharing Contract (PSC) regime also carry out various geo-scientific surveys in the awarded blocks in line with the Work Programmes in the PSCs. During the last three years and current year (till January, 2013), exploration activities in terms of acquisition of 1,08,454 Line Kilo Meter (LKM) of 2D, 1,02,901 Sq. KM (SKM) of 3D seismic surveys.