

**LOK SABHA**  
**UNSTARRED QUESTION NO. 217**  
**TO BE ANSWERED ON 02<sup>nd</sup> February, 2023**

**Exploration of Oil and Natural Gas**

217. SHRI MANOJ TIWARI:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

- (a) the details of the geological and other surveys undertaken by the Government to discover/explore the oil and natural gas deposits/blocks in the country during each of the last three years and the current year along with the oil and gas deposits/blocks discovered and explored so far, block and State-wise including Rajasthan;
- (b) whether the work of geological survey for discovering oil and gas deposits in Rajasthan is being carried out at the desired pace;
- (c) if so, the details thereof and if not, the reasons therefor along with the corrective measures taken by the Government in this regard;
- (d) whether the Government is dependent on certain private and foreign companies/entities for carrying out exploration of oil and natural gas in the country; and
- (e) if so, the details thereof and the reasons therefor?

**ANSWER**

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री  
(श्री रामेश्वर तेली)

**MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS**  
**(SHRI RAMESWAR TELI)**

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(a) to (c): The acquisition of seismic data, across the country, has taken place at a significantly stepped pace in recent years. Details of major seismic surveys undertaken by the Government during last three year and current year are as under:-

- National Seismic Programme (NSP) acquired 2D (Two Dimensional) seismic data of 46,960 Line Kilometre (LKM). The State-wise seismic data acquired under NSP is given in Annexure.
- 22,500 LKM of 2D seismic data was acquired in Andaman Offshore.
- 32,435 LKM of 2D seismic data has been acquired under the Exclusive Economic Zone (EEZ) survey till 15.01.2023.

14 discoveries were notified in 2019-20, 14 in 2020-21, 08 in 2021-22 and 12 in 2022-23 (up to 31.12.2022). These include 01 discovery in 2019-20, 01 in 2020-21 and 01 in 2021-22 in the state of Rajasthan. During the last three years, a total of 10,494 LKM of 2D and 970 Square Kilometre (SKM) of 3D (Three Dimensional) seismic data was acquired and 16 exploratory wells drilled in Rajasthan.

(d) & (e): The exploration of oil and gas is primarily undertaken by National Oil Companies. Exploration blocks under Hydrocarbon Exploration Licensing Policy, 2016 are offered through International Competitive Bidding and so far, these have been awarded to National Oil Companies or Indian private companies.

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**Annexure**  
**(reference part (a) of reply to LS USQ 217)**

**The State-wise 2D seismic data acquired under NSP is as follows:**

<b>SL.NO</b>	<b>State</b>	<b>Coverage in LKM</b>
1	Andhra Pradesh	2171.68
2	A.N. Islands	263.92
3	Arunachal Pradesh	185.58
4	Assam	3899.34
5	Bihar (incl. Jharkhand)	766.2
6	Gujarat (Gulf Of Cambay)	5688.27
7	Haryana	250.42
8	Himachal Pradesh	709.41
9	Jammu & Kashmir	187.66
10	Kerala-Karnataka (incl. Goa)	2057.8
11	Madhya Pradesh	6472.45
12	Chhattisgarh	2223.16
13	Manipur	4.74
14	Meghalaya	12.66
15	Mizoram	980
16	Nagaland	0
17	Odisha	2480.62
18	Punjab	801.92
19	Rajasthan	3313.44
22	Telangana	799.6
23	Tripura	163.38
24	Uttar Pradesh (incl. Uttarakhand)	2920.17
25	West Bengal	911.4
26	Maharashtra	9696.25
<b>Total</b>		<b>46960.07</b>