

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1736**  
**TO BE ANSWERED ON 01<sup>st</sup> August, 2024**

**Exploration of Oil and Gas in Assam**

1736. SHRI KAMAKHYA PRASAD TASA:

पेट्रोलियम एवं प्राकृतिक गैस मंत्री

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

- (a) the outcome of the recent oil and natural gas exploration work conducted by Oil India in the country, especially in Assam;
- (b) the details of the number of drillings and the places drilled by Oil India during the last two years in Assam; and
- (c) the outcome of the efforts made so far along with the indications received for future and details of profit and loss of the activities made by the Oil India in Assam?

**ANSWER**

**पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय में राज्य मंत्री**  
**(श्री सुरेश गोपी)**

**MINISTER OF STATE IN THE MINISTRY OF PETROELUM & NATURAL GAS**  
**(SHRI SURESH GOPI)**

(a) Oil India Limited (OIL) has been carrying out extensive hydrocarbon exploration & production activities in different states of India in the fields/blocks allocated to OIL through Nomination Fields, New Exploration Licensing Policy (NELP), Open Acreage Licensing Policy (OALP) and Discovered Small Field (DSF) Policy.

OIL's domestic acreage under nomination regime is spread over about 4828.84 sq. Km in 16 oil and gas fields (14 in Assam, 1 in Arunachal Pradesh and 1 in Rajasthan) wherein exploration and field development activities are being carried out.

OIL is carrying out exploration activities in this operated New Exploration Licensing Policy (NELP) Block in Karbi Anglong, Assam and one block in Mizoram covering an area of 3609 sq. Km.

Besides, OIL has been awarded a total of 30 exploration blocks covering 55,828 Sq. Km. of areas under Open Acreage Licensing Policy (OALP) bidding Rounds I to VIII under Hydrocarbon Exploration Licensing Policy (HELP), out of which 17 blocks are in North-East India (11 in Assam, 3 in Tripura, 1 in Nagaland and 2 in Arunachal Pradesh), 5 in Rajasthan, 5 in Odisha, 2 in Andaman shallow offshore and 1 in Kerala-Konkan shallow offshore. The blocks are in initial stage of exploration activities wherein seismic & drilling campaigns are currently under progress. So far, OIL has drilled 9 wells in 7 OALP blocks (5 in Rajasthan, 3 in Odisha and 1 in Assam).

Further, OIL has 3 DSF blocks, 1 each in Tripura, Rajasthan and KG Shallow Offshore, spread over an area of 207.80 sq. Km.

The year-wise new discovery in the State of Assam during the last three financial years is as follows:

<b>Financial Year</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
Number of discoveries made in Assam	2	1	1
Name of Discovery	Samdang-5 & Borhapan-8	Sesabil-1	South Baghjan- 10

Source: OIL India Ltd

The production of oil and gas in Assam during last 3 years is as under:

<b>Financial Year</b>	<b>Crude oil (in MMT)</b>	<b>Natural Gas (in BCM)</b>
2021-22	2.957	2.62
2022-23	3.114	2.81
2023-24	3.286	2.89

Source: Oil India Limited; MMT: Million Metric Tonne; BCM: Billion Cubic Metre

(b) The details of the number of drillings and the places drilled by Oil India Limited during the last two years in Assam are given in Table below:

<b>Financial Year</b>	<b>Numbers of wells drilled</b>	<b>Places drilled in Assam</b>
2022-23	28	South Baghjan, Dholiya, North Balijan, Balimara, Dinjan, Sesabil, Khagorijan, Sadiya, South Tinali, Baghjan, Naharkatiya, Lakwagaon, Makum & Hapjan
2023-24	39	South Baghjan, Namrup- Borhat, Singhibil, East Dinjan, Berekuri, Baghjan, Samdang, Karbi- Anglong, Dhakuwal, Bogapani, Moran, Sesabil, Naharkatiya, Balimara, Bachmatia, South Chandmari, Lakwagaon, Jorajan, Bazaloni, Kathaloni, North Balijan, Hapjan & South Tinali

Source: OIL India Ltd

(c) As a result of concerted domestic exploration and development activities, OIL has been able to consistently maintain a healthy Reserve Replacement Ratio (RRR). The RRR for FY 2023-24 is 0.97. Further, as on 31.03.2024, OIL has accreted 67.2 Million Metric Tonne of OIL Equivalent (MMTOE) reserve during last 10 years. In order to establish more resources, OIL has extended its exploration activities to frontier areas with the objective of opening of new plays in its operating acreages spread across the different sedimentary basins of the country in which the exploration & drilling campaign is currently under progress.

The company has Oil and Gas production and sales in the states of Assam, Arunachal Pradesh and Rajasthan and has investments in Joint Ventures (JVs) and subsidiaries located in other geographies in India and Overseas and in other business activities

The net profit after tax of the company for the year 2023-24 was Rs. 5551.85 Cr.

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