

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

UNSTARRED QUESTION NO:1121

ANSWERED ON:01.03.2001

INTENSIVE OIL EXPLORATION MEASURES

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

- (a) whether various enhanced oil recovery schemes and intensive oil exploration measures had been initiated by the oil companies in the past few months have started to yield results;
- (b) whether in one of the first positive signs, crude oil production in the country was 2 per cent higher than the target set for November, 2000 ;
- (c) if so, the extent to which it was more in comparison to earlier months;
- (d) whether any new target has been set up for 2001-02; and
- (e) if so, the details thereof and the steps taken to achieve the targets?

Answer

Minister of State in the Ministry of Petroleum & Natural Gas (Shri Santosh Kumar Gangwar)

(a) to (e): Details are given in statement annexed.

Statement referred to in reply to parts (a) to (e) of Lok Sabha Unstarred Question No.1121 for answer on 1.3.2001 regarding intensive oil exploration measures

(a) & (b): To improve the recovery factor from existing major oil fields by implementing Enhanced Oil Recovery (EOR)/Improved Oil Recovery (IOR) schemes have been/are being implemented by the national oil companies, Oil and Natural Gas Corporation Ltd. (ONGC) and Oil India Ltd. (OIL)The production of crude oil by the national oil companies and Private/Joint Venture companies in November 2000 was 2.708 Million Metric Tonne(MMT) as against the target of 2.627 MMT i.e about 3% higher than the target.

(c) The position regarding the month-wise crude oil production by ONGC, OIL and Private/JV companies during the initial 7 months of the year 2000-01 was as follows:-

Month	Quantity (MMT)
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April 2001	2.55
May	2.71
June	2.68
July	2.78
August	2.76
September	2.69
October	2.77

(d) & (e): For the year 2001-02 a target of 32.30 MMT (BE) has been fixed for crude oil production by ONGC, OIL and Private/JV companies as given below:

ONGC	25.00 MMT
OIL	3.45 MMT
Pvt./JV companies	3.85 MMT
Total	32.30 MMT

Several important steps have been taken to increase crude oil production in the country, which include:

(i) To improve the recovery factor from existing major fields by implementing Enhanced Oil Recovery (EOR)/Improved Oil Recovery (IOR) schemes; in particular Oil and Natural Gas Corporation Limited (ONGC) has taken up 15 fields for this purpose at an estimated investment of Rs. 10,000 crore, which would also help in accelerating oil production from these fields.

(ii) To increase exploration efforts through the New Exploration Licensing Policy (NELP), under the first round of NELP, 24 Production Sharing Contracts (PSCs) have been signed and 25 blocks have been offered under the second round of NELP, with bid closing date of 31.3.2001.

(iii) To attract technology and investment; PSCs for 9 discovered fields, 8 in Gujarat and 1 in Assam, were signed on 23.2.2001 with consortia of Indian and foreign companies.

(iv) To explore in new areas, especially in deep water and difficult frontier areas, as also explore in the deeper layers of the producing fields.

(v) To develop faster the newly discovered fields and to step up the use of new technologies for seismic surveys, work over and stimulation operations, drilling of wells etc. in producing areas.