

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

STARRED QUESTION NO:451
ANSWERED ON:24.04.2008
OIL RECOVERY SCHEME OF ONGC.
Adhalrao Patil Shri Shivaji;Singh Shri Uday

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

- (a) whether the Oil and Natural Gas Corporation (ONGC) have identified 14 of its major oil and gas fields for augmentation of production under the oil recovery schemes;
- (b) if so, the reasons for decline in oil and gas production in these major oil and gas fields;
- (c) Scheme chalked out for their revival; and
- (d) the investment proposed to be made in these major oil and gas fields?

Answer

MINISTER OF PETROLEUM & NATURAL GAS (SHRI MURLI DEORA)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) LOK SABHA STARRED QUESTION NO. 451 BY SHRI UDAY SINGH AND SHRI ADHALRAO PATIL SHIVAJIRAO TO BE ANSWERED ON 24.04.2008 REGARDING OIL RECOVERY SCHEME OF ONGC.

(a): Yes Sir, Oil & Natural Gas Corporation Ltd. (ONGC) has identified 14 of its major oil and gas fields which contribute nearly 80% of the total production, for implementing Improved Oil Recovery (IOR) and Enhanced Oil Recovery (EOR) schemes to augment oil and gas production in Mumbai High, Heera, Neelam, Gandhar, Kalol, Sanand, North Kadi, Santhal, Balol, Jotana, Sobhasan, Lakwa, Geleki and Rudra Sagar fields.

(b): The reasons for shortfall in production are as follows:

- (i) Ageing and natural decline in some of oil fields.
- (ii) Shortfall in ONGC's North-Gujarat field was due to evacuation constraints.
- (iii) Poor availability of offshore rigs resulting in less than envisaged side track well in Mumbai Offshore.
- (iv) Requirement of work over of wells.
- (v) Consequential effects of unfortunate fire accident at Bombay High North (BHN) Platform in July, 2005 especially w.r.t. well fluid handling capacities in Mumbai High North (MHN)

(c): ONGC is implementing proven new technologies under Improved Oil Recovery (IOR)/Enhanced Oil Recovery (EOR) projects such as various well techniques like drilling of horizontal and multilateral wells by side-track in old wells, work over, hydro-fracturing, acidisation etc. to augment oil production.

(d): The total approved cost of the Improved Oil Recovery (IOR)-Enhanced Oil Recovery (EOR) schemes of ONGC is of the order of Rs. 14060.25 crore. ONGC has made investment of Rs. 13434 crore upto March, 2008.