



SPEED POST

Oil And Natural Gas Corporation Limited

Western Onshore Basin

Health, Safety and Environment Section

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ऑयल एण्ड नेचुरल गैस कारपोरेशन लिमिटेड

पश्चिमी अभितट द्रोनी

स्वास्थ्य, संस्था एवं पर्यावरण अनुभाग

क्षेत्रीय भंडार परिसर, मकरपुरा रोड, वडोदरा - ३९० ००९

दूरभाष : ०२६५-२६०३३३३३ फेक्स : ०२६५ - २६३८८५५

NO. BDA/BASIN/HSE/COMPLIANCE/BLOCK-III /692

DATE: 03.02.2016

The Chief Conservator of Forests (Central),  
MOEF, Regional Office,  
Link Road No.3, E-5 Arera Colony,  
BHOPAL-462016

**Sub: Six monthly Compliance Report of Environmental Clearance for Exploratory Drilling of Wells of ONGC, WOB, Baroda**

**Ref.: EC letters No. J-11011/125/20141-IA II (I) dated 18.09.2014**

Dear Sir,

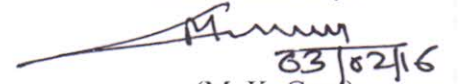
This has reference to above mentioned Environmental Clearances issued by MOEF, please find herewith six monthly compliance report as on 01.01.2016 for exploratory drilling of wells drilled between 01.07.2015 to 31.12.2015. The following wells drilled between the above mentioned period.

- 1) MSBX
- 2) JNXS
- 3) JNXT

Any other information/ documents desired shall be furnished most gladly.

Thanking you,

Yours faithfully,



(M. K. Garg)

Chief Engineer (P)

HSE, WOB, Baroda

Encl.: As Above

**COMPLIANCE OF CONDITIONS IN ENVIRONMENTAL CLEARANCE**

**(COMPLIANCE REPORT)**

Environmental Clearance No. J-11011/125/2011-IA II(I) dated 18.09.2014

Well Nos.: MSBX

Drilling Status: Drilled

Sl.No.	Conditions	Compliance status as on 01.12.2015
1	This EC is only for Exploratory Drilling. In case Development drilling is to be done in future, prior clearance must be obtained from the Ministry.	will be complied
2	Ambient air quality should be monitored near the closest human settlements as per the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No.826(E) dated 16th November,2009 for PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> ,NO <sub>x</sub> , CO, methane & Non-methane HC etc.	complied and analysis report enclosed, all parameters are under permissible limits
3	Mercury should also be analyzed in air, water and drill cuttings twice during drilling period.	complied and analysis report enclosed
4	Approach road should be made pucca to minimise generation of suspended dust.	complied
5	The company should make the arrangement for control of noise from the drilling activity Acoustic enclosure should be provided to DG Sets and proper stake height should be provided as per CPCB guidelines	acoustic enclosure were installed around DG sets to control noise
6	Total water requirement should not exceed 20 M3/day and prior permission should be obtained from the concerned agency.	Water consumption is approx. 20 m3/d/well. Following action is taken to reduce fresh water consumption. 1) Treated effluent water is used for mud and brine preparation and cleaning purposes. 2) recycling more mud.
7	The Company should construct the garland drain allaround the drilling site to prevent run off any oil containing waste it to the nearby water bodies. Seperate drainage system should be created for oil contaminated and non-oil contaminated. Effluent should be properly treated and treated waste water should confirmed to CPCB standard.	Drains are constructed through which drilled cuttings and other wastes are collected in HDPE lined waste pits and solar dried.
8	Drilling waste water including drill cuttings wash water shall be collected in disposal pit lined with HDPE lining evaporated or treated and shall comply with the notified standards for on-shore disposal. The membership of common TSDF shall be obtained for the disposal of drill cuttings and hazardous waste. Otherwise secured land fill shall be created at the site as per design approved by the CPCB and obtain Authorization from the SPCB. Copy of authorization or membership of TSDF should be submitted to Ministry's Regional Office at Bhopal.	Drilling waste water including drill cuttings wash water is collected in disposal pit lined with HDPE lining and solar dried. All parameters are found to be within permissible limits. Copy of Analysis* report enclosed. ONGC Mehsana is member of TSDF at Sauhrastra Enviro Projects Pvt Ltd.(Sample copy of membership enclosed).
9	Good sanitation facility should be provided at the drilling sites. Domestic sewage should be disposed of through septic tank/soft pit.	complied, domestic sewage is disposed through adequate septic tanks and soak pits
10	Oil spillage prevention schme should be prepared. In case of oil spillage/contamination, action plan should be prepared to clean the site by adopting proven technology. The recyclable waste(oily sludge) and spent oil should be disposed of to the authorized recycler.	Oil spillage prevention scheme and action plan for a possible leakage/spill is available in form of Standard Operation Procedure for onshore pipeline which covers method to control oil spillage. Further, three CTFs of Mehsana Asset are equipped with oil spill dispersant, leak control kit and petroleum product clean up chemicals (in form of propylene booms) to control leaks and spillage. Spent oil is being sent to authorised recyclers through MSTC Vadodara.
11	The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30 <sup>th</sup> August, 2005.	complied, covered with HDPE lining for collection of drill cuttings, solid waste & waste water & are solar dried Impervious lining pits are being provided for collecting drill cutting and waste water and is complied as per GSR.546 dated 30th august 2005.
12	The company should take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Possibility of using ground flare should be explored. At the place of ground flaring, the overhead flaring stack with knockout drums should be installed to minimize gaseous emissions during operation.	ONGC has Disaster management Plan (DMP), Site Specific Emergency Plan (ERP) and Contingency Plans in place. In case of any contingency, action will be taken as per DMP/ERP. Ambient air quality monitoring has been carried out and all the parameters are under permissible limits as prescribed by GPCB.

