

COMPLIANCE REPORT

Name of the Project: Exploratory Drilling of Oil Wells, R-HAT-A and B-HAT-B, in Distt: Damoh, Madhya Pradesh.

Clearance letter No: J-11011/100/2014-IA II (I) dated: 27th October, 2015

Period of Compliance: 01, July 2020 to 31, December 2020.

Specific Conditions:

Sl. No	Conditions	Compliance Status
A.	SPECIFIC CONDITIONS	
i.	The present EC is for Exploratory Drilling only. In case Development drilling is to be done in future, prior environmental clearance must be obtained from the Ministry.	Two Exploratory wells have been drilled. No development drilling has been done. If required it will be done after taking separate EC for production phase.
ii.	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 PM10, PM2.5, SO ₂ , NOX, CO, CH ₄ , HC, Non-methane HC etc.	First Well completed on May 31.05.2016, and second well completed on 31.12.2018 since then there is no activity.
iii.	Mercury should also be analyzed in air, water and drill cuttings twice during drilling period.	1 st Well completed on May 31.05.2016, 2 nd well completed on 31.12.2018.
iv.	Approach road should be made pucca to minimize generation of suspended dust.	Complied
v.	The company shall make the arrangement for control of noise from the drilling activity. Acoustic enclosure shall be provided to DG sets and proper stack height shall be provided as per CPCB guidelines.	Complied.
vi.	Total ground water requirement shall not exceed 25 m ³ /day and prior permission should be obtained from the concerned agency.	Complied.
vii.	The company should construct the garland drain all around the drilling site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system should be created for oil contaminated and non-oil contaminated. Effluent should be properly treated and treated wastewater should conform to CPCB standards.	Complied-drains provided all along fencing. No surface run-off was allowed to discharge in the surface water bodies.

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viii.	Drilling wastewater including drill cuttings wash water shall be collected in disposal pit lined with HDPE lining evaporated or treated and should comply with the notified standards for on-shore disposal. The membership of common TSDF should be obtained for the disposal of drill cuttings and hazardous waste. Otherwise, secured land fill should be created at the site as per the 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.	Complied
ix.	Good sanitation facility shall be provided at the drilling site. Domestic sewage shall be disposed off through septic tank/soak pit.	Complied
x.	Oil spillage scheme 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 recyclers.	Complied
xi.	The company should comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August, 2005	Complied
xii.	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.	Complied
xiii.	The company should develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers should be provided with personal H2S detectors in locations of high risk of exposure along with self-containing breathing apparatus.	Complied.
xiv.	On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.	Complied
xv.	Blow Out Preventer (BOP) system should be installed to prevent well blowouts during drilling operations. BOP measures during drilling should focus on maintaining well bore hydrostatic pressure by proper pre-well planning and drilling fluid logging etc.	Complied
xvi.	Emergency Response Plan (ERP) should be based on the guidelines prepared by OISD, DGMS and Govt. of India.	Complied
xvii.	The company shall take measures after completion of drilling process by well plugging and secured enclosures, decommissioning of rig upon abandonment of the well and drilling site shall be restored to the original condition. In the event that no economic quantity of hydrocarbon is found a full abandonment plan should be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.	Will be complied after completion of Project.

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xviii.	Abandoned well inventory and remediation plan shall be submitted within six months from the date of issue of letter	Will be submitted.
xix.	Occupational health surveillance of the workers should be carried out as per the prevailing Acts and Rules.	Complied
xx.	In case the commercial viability of the project is established, the Company should prepare a detailed plan for development of oil and gas fields and obtain fresh environmental clearance from the Ministry.	Will be complied.
xxi.	Restoration of the project site should be carried out satisfactorily and report should be sent to the Ministry's Regional Office at Bhopal.	Restoration will be taken up after completion of project.
xxii.	Oil content in the drill cuttings should be monitored by some Authorized agency and report should be sent to the Ministry's Regional Office at Bhopal, M.P.	Complied, first Well completed on May 31.05.2016, and second well completed on 31.12.2018 since then no activity is there.
xxiii.	Under social Enterprise Commitment (ESC), sufficient budgetary provision shall be made for health improvement, education, water and electricity supply etc. in and around the project.	Complied.
xxiv.	An audit shall be done to ensure that the Environment Management Plan (EMP) is implemented in totality and report shall be submitted to the Ministry's Regional Office.	Will be complied.
xxv.	All the commitments made to the public during hearing/ public consultation meeting held on 30 th May, 2015 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	Complied.
xxvi.	All personnel including those of contractors shall be trained and made fully aware of the hazards, risk and controls in place.	Complied.
xxvii.	Company shall have own Environment Management Cell having qualified persons with proper background.	Complied.
xxviii.	Company shall prepare operating manual in respect of all activities. It shall cover all safety & environment related issues and system. Measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/project site. Awareness shall be created at each level of the management. All the schedules and results environmental monitoring shall be available at the project site office.	Complied

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B.	GENERAL CONDITIONS:	
i.	The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board (MPPCB), State Government and any other statutory authority.	Complied.
ii.	No further expansion or modifications in the plant shall be carried without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed
iii.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009, shall be followed.	Complied.
iv.	The locations of the ambient air quality monitoring stations shall be decided in consultation with the MP State Pollution Control Board (MPPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground concentration are anticipated.	Complied.
v.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc., on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 Viz. 75dBA (day time) and 70dBA (night time).	Complied, Well R-Hatta-A was completed on May 31.05.2016 and well B-Hatta-B was completed on 31.12.2018, since then no activity is there.
vi.	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, handling and Trans-boundary movement), Rules, 2008 and its amendment time to time and prior permission from MPPCB shall be obtained for disposal of solid/hazardous waste including boiler ash.	Complied
vii.	During transfer of materials, spillage shall be avoided and garland drains be constructed to avoid mixing of accidental spillage with domestic waste water and storm water drains.	Complied
viii.	Uses of personal protection equipment by all employees/ workers shall be ensured.	Complied
ix.	Training shall be imparted to all employees on safety and health aspects of chemicals handling, pre-employment and routine periodical medical examinations for all employees shall be under taken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied

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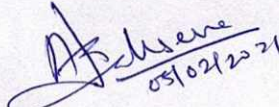
x.	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry, all the recommendations made in the EIA/EMP in respect of environment management, risk mitigation measures and public hearing relating to the project shall be implemented.	Complied
xi.	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	Complied
xii.	The company shall undertake eco-development measures including community welfare measures in the project area of the overall improvement of the environment.	Complied
xiii.	A separate Environmental Management Cell equipped with full-fledged laboratory facility shall be set up to carry out the environmental management and monitoring functions.	Complied
xiv.	As proposed, the company shall earmark Rs. 6.8 Crore and Rs.19.22 Lakh towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests and as well as the state government along with the implementation schedule of all the conditions stipulated herein. The funds so earmarked for environment management/ Pollution control measures shall not be diverted for any other purpose.	Will be complied in case of commercial availability of HC is established.
xv.	A copy of the Clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, urban local body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Complied
xvi.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of the MoEFCC, the respective, the respective Zonal office of CPCB and the MP Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	Complied
xvii.	The environmental statement for each financial ending 31 st March in Form-V as is mandated shall be submitted to the Haryana State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall be put on the website of the company along with the status of compliance of environment Clearance conditions and shall also be sent to the Bhopal Regional offices of MOEF by e-mail.	Complied

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xviii.	The project proponent shall inform the public that the project has been accorded Environmental Clearance by the Ministry and copies of the Clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry at http://moef.nic.in , this shall be advertised within seven days from the date of issue from the date of issue of the clearance letter at least in two, local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned regional office of the Ministry.	Complied
xix.	The project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of the start of the project.	Complied

Note: Drilling completed on 31.12.2018 at well R-HAT-B and temporarily work has been stopped at the drill-site and all machinery, material and manpower has been moved from the drill site and at present there is no activity.

Drilling completed by 31.05.2016 at well R-HAT-A and it has been declared dry and abandoned. Process for its abandonment and restoration of the site is being initiated.


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