

9TH SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT FROM 01.10.2016 - 31.3.2017

S.NO	SPECIFIC CONDITION	STATUS OF COMPLIANCE	SUPPORTED DOCUMENTS
A -			
i	No well shall be drilled in forest land and mangrove forest without prior approval. No additional wells shall be drilled without prior permission from this Ministry.	Complied. No locations in Forest land & Mangrove forest.	Not applicable.
ii	All the specific conditions and general conditions specified in the CRZ clearance letters accorded vide Ministry's letter no. 11-47/2011-ia.iii dated 3 rd May, 2012 shall be implemented	The project does not attract the provisions of CRZ Notification, 2011.	Not Applicable
iii	Prior clearance shall be from the Standing Committee of the National Board for Wildlife regarding Coringa wildlife sanctuary as applicable.	No locations in Wildlife regarding Coringa wildlife sanctuary	Not applicable.
iv	Permission shall be obtained from the state Forest Department regarding the impact of the proposed drilling on the surrounding reserve forest viz. 9 reserve forests namely Corangi, Coringa reserve forest or Coringa Wildlife sanctuary, Coringa Extn RF, Bhyravapalem RF, Rathikalava RF, Masanitippa RF, Matlapalem RF, Balusutippa RF, Kothapalem I RF, Kothapalem II RF and Kandikuppa RF.	No locations in Reserve Forest.	Not applicable.
v	Gas produced during testing shall be flared with appropriate flaring booms. The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The stack height shall be provided as per the regulatory requirements and emissions from stacks will meet the MOEF/CPCB guidelines.	Presently drilling is in progress in Location Yeduru Lanka#1 and Completed drilling in Loc: Gadi Lanka#1 and the well was abandoned due to no hydrocarbon prospects. However The flare system will be designed as per Oil Industry Safety Directorate (OISD) & DGMS guidelines in case of production testing in Loc: YLK#1.	Not applicable.
vi	Ambient air quality shall be monitored near the closest human settlements as per the National Ambient Air Quality Standards issued by the ministry vide G.S.R. No. 826(E) dated 16th November, 2009 for PM10, PM2.5, SO2, NOx, CO, CH4, HC, Non-methane HC etc.	Complied. We are measuring the Ambient air quality at wellsite as well as near the human settlements.	Submitted CAAQMS data for Loc: GLK#1 & Loc:YLK#1 as annexure-1
vii	Mercury shall also be analyzed in air, water and drill cuttings twice during drilling period.	Complied. We are measuring Mercury concentration in air, water	Submitted CAAQMS data as annexure-1 & Effluent treated water test

9TH SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT FROM 01.10.2016 - 31.3.2017

		and drill cuttings.	reports Loc: GLK#1 & Loc: YLK#1 as annexure-2
viii	Approach road shall be made pucca to minimize generation of suspended dust.	Complied .we made pucca approach road.	
ix	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. We have provided acoustic enclosure of 3.5m height and silencers for reducing the noise level as per CPCB guidelines in Loc: GLK#1 & Loc: YLK#1.	Submitted image of Acoustic enclosure of Loc:Glk#1 & Loc:YLK#1 as Annexure-3
x	Total water requirement shall not exceed 25 m ³ /day and prior permission shall be obtained from the concerned agency.	Complied. We are consuming only 15-20 kl water/day	Complied. We are consuming only 15-20 kl water/day
xi	The company shall 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 shall be created for oil contaminated and non-oil contaminated. Effluent shall be properly treated and treated wastewater shall conform to CPCB standards.	Complied. We have prepared the Garland Drain of 250m around the drill site.	Attached garland drain image of Loc:GLK#1 & Loc:YLK#1 as Annexure-4
xii	Good sanitation facility shall be provided at the drilling site. Domestic sewage shall be disposed of through septic tank / soak pit.	Complied. We provided septic tank / soak pit at wellsite.	-
xiii	Drilling wastewater 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 landfill shall 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 shall be submitted to Ministry's Regional Office at Bangalore.	Complied. We have provided the HDPE lining in all 3 effluent pits in dimension of 30X20X1.5m.	Attached image of HDPE lining pit of Loc:Glk#1 & Loc:YLK#1 as annexure-5
xiv	Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage / contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.	Complied. WBM is being used for drilling.	Not applicable
xv	Ground water analysis shall be carried out at different depth to see stratification.	Complied. We are testing the ground water quality prior to start drilling operations.	Submitted ground water analysis report of Loc:Glk#1 & Loc:YLK#1 as Annexure-6

9TH SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT FROM 01.10.2016 - 31.3.2017

xvi	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 30th August, 2005.	Complied. We are disposing solid waste as per APPCB/CPCB &MOEF&CC guidelines.	Complied. We are disposing solid waste as per APPCB/CPCB &MOEF&CC guidelines.
xvii	The Company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Possibility of using ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.	Complied. We have provided the ground flaring facility and Fire extinguisher at wellsite. We are taking all safety measures to prevent fire hazards.	Attached image of ground flare of Loc:Glk#1 & Loc:YLK#1 as Annexure-7
xviii	The company shall develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2s detectors in location of high risk of exposure along with self-containing breathing apparatus.	Complied. OIL have own Emergency Response Plan (ERP) and Contingency plan for H2S is a part of ERP.	Attached ERP as Annexure-8.
xix	The company shall carry out long term subsidence study by collecting base line data before initiating drilling operation till the project lasts. The data so collected shall be submitted six monthly to the Ministry and its Regional Office at Bangalore.	Complied. We have carried out Baseline study during EIA study.	Submitted in EIA report during applying for EC.
xx	Blow Out Preventer (BOP) system shall be installed to prevent well blowouts during drilling operations. BOP measures during drilling shall focus on maintaining well bore hydrostatic pressure by proper pre-well planning and drilling fluid logging etc.	Complied. BOP test is carried out every 21 days.	Submitted BOP test certificates of Loc:Glk#1 & Loc:YLK#1 as annexure-9
xxi	Emergency Response Plan (ERP) shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.	Complied. OIL has own Emergency Response Plan (ERP).	Submitted ERP as annexure-8
xxii	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 the area in original condition. In the event that no economic quantity of hydrocarbon is found a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations. Remote monitoring of site shall be done.	Presently drilling is in progress in Location Yeduru Lanka#1 and Completed drilling in Loc: Gadi Lanka#1 and the well was abandoned due to no hydrocarbon prospects after putting cement plus.	Submitted Cement plug programme reports as Annexure-10
xxiii	Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.	Complied. Maintaining PME & Monthly medical checkup reports at wellsite.	-

9TH SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT FROM 01.10.2016 - 31.3.2017

xxiv	In case the commercial viability of the project is established, the Company shall prepare a detailed plan for development of oil and gas fields and obtain fresh environmental clearance from the Ministry.	Presently OIL's KG Basin Project is in exploratory drilling phase only.	Not applicable
xxv	Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office at Bangalore.	Presently OIL's KG Basin Project is in exploratory drilling phase only.	Not applicable
xxvi	Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Ministry's Regional Office at Bangalore.	Complied. We are disposing solid waste as per APPCB/CPCB &MOEF&CC guidelines.	Complied. We are disposing solid waste as per APPCB/CPCB &MOEF&CC guidelines.
xxvii	All the issues raised and commitment made during the public hearing / consultation meeting held for east Godavari District on 19th January, 2011 shall be satisfactorily implemented. Accordingly, a budget to be kept for implementation.	Complied. We are implementing the commitments given during public hearing through District Administration of East Godavari, Andhra Pradesh.	Submitted CSR activities by OIL as annexure-11
xxviii	Under Corporate Social Responsibility (CSR), sufficient budgetary provision shall be made for health improvement, education, water and electricity supply etc. in and around the project.	Complied. OIL is developing in its operational areas through CSR and till now OIL sanctioned the amount of Rs 6,85,46,258 towards CSR schemes and spent Rs 3,26,39,258.00 till now in KG Basin Project.	Submitted CSR activities by OIL as annexure-11
xxix	Company shall have own Environment Management Cell having qualified persons with proper background.	Company has full-fledged environmental Management Cell at Corporate Office & Field Head Quarters with qualified persons and proper management.	-
xxx	Company shall adopt Corporate Environment Policy as per the Ministry's O.M. No. J-11013/41/206-IA.II (I) dated 26th April, 2011 and implemented.	Complied. OIL have Corporate Environment Policy.	Submitted Environment Policy of OIL as annexure-12
xxxi	Company should ensure good housekeeping at the drilling site.	Complied. Maintaining good housekeeping at wellsite.	-
xxxii	Company should prepare project specific environmental manual and a copy should be made available at the drilling site for the compliance	Environment manual for this Project will be prepared and kept at drilling sites for compliance.	-
xxxiii	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	Complied. We are maintaining SOP, Drilling programme & ERP manuals at wellsite Loc:GLK#1 & Loc:YLK#1.	We are maintaining SOP, Drilling programme & ERP manuals at wellsite Loc: GLK#1&Loc: YLK#1.

9TH SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT FROM 01.10.2016 - 31.3.2017

	drilling site / project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.		
B	GENERAL CONDITONS :		
i	The project authorities must strictly adhere to the stipulations made by the A.P Pollution Control Board (APPCB), State Government and any other statutory authority.	Complied. Submitting six monthly compliance report to APPCB & CPCB also.	-
ii	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & 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. No expansion/modification will be carrying out without prior approval.	-
iii	The project Authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories. Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.	Complied. Hazardous Chemicals report was submitted to APPCB during the renewal of CFO.	Hazardous Chemicals report was submitted to APPCB during the renewal of CFO.
iv	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 EPA Rules. 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime)	Complied. We have provided acoustic enclosure of 3.5m height and silencers for reducing the noise level asper CPCB guidelines.	Attached images of acoustic hoods, silencers, enclosures Loc:GLK#1&Loc:YLK#1 as Annexure-3
v	A separate Environmental Management Cell equipped with full-fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Oil india Limited has full fledged Enviroment monitoring Cell with qualified persons at Corporate Office and at Duliajan in Assam with fully equipped laboratory facilities to carry out environment	-

9TH SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT FROM 01.10.2016 - 31.3.2017

		management and monitoring functions. Since, exploratory drilling activities in KG basin which is short term activity , a separate environment cell has not been set up.	
vi	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parshad / Municipal Corporation, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent	Complied.EC copy sent to to concerned Panchayat, Zila Parshad / Municipal Corporation	-
vii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditons, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB, APPCB and Puducherry Pollution Control Committee. The criteria pollutant levels namely, PM SO2, NOx, HC (Methane & Non-methane), VOCS (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied. Submitting six monthly compliance report to MOEF, CPCB & APPCB.	Not applicable
viii	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective zonal Office of CPCB and APPCB. The Regional Office of his Ministry/CPCB/APPCB shall monitor the stipulated conditions.	Complied. Submitting six monthly compliance report to MOEF, CPCB & APPCB.	Not applicable
ix	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned state Pollution Control Board as prescribed Under the Environment (protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective regional Offices of the MOEF by	Environment Statement in form –V was submitted to APPCB on 19.5.2017	Attached Environment Statement in form –V as Annexure-13

9TH SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT FROM 01.10.2016 - 31.3.2017

	e-mail.		
x	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 APPCB and may also be seen at website of the Ministry of Environment and Forest at http://envfor.nic.in . This shall be advertised within seven days 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 Regional Office.	Complied. Informed to the public through newspapers after obtain the EC.	-
xi	Project authorities shall inform the Regional Office as well as ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Financial closure and final approval of the project shall be intimated to the Regional Office as well as to the ministry.	Awarded Petroleum exploration License from DGH on 11.11.2008. Obtained EC for 12 locations dated 11.7.2012 & 24.1.2014.
xii	The Ministry may revoke or suspended the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed	-
xiii	The Ministry reserve the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implemented these conditions.	Agreed	-
xiv	The above conditions shall be enforced, inter-alia under the provisions of the Water(Prevention & Control of Pollution) Act,1974, the Air(Prevention & Control of Pollution)Act,1981,the Environment(Protection) Act,1986, Hazardous waste(Management, Handling and Trans-boundary Movement) Rules,2008 and the public(Insurance) Liability Act,1991 along with their amendments and rules.	Agreed	-