



Sl. No.	Conditions	Compliance
	SPECIFIC CONDITIONS	
1.	The present EC is for Exploratory Drilling only. In case Development Drilling to be done in future, prior environmental clearance must be obtained from Ministry.	Noted and would be complied with.
2.	Ambient air quality shall 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 16 th November, 2009 for PM10, PM2.5, SO ₂ , NO _x , CO, CH ₄ , HC, Non-methane HC etc.	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. Noted and monitoring will be done as per recommendation.
3.	Mercury shall also be analyzed in air, water and drill cuttings twice during drilling period.	Drilling activities are scheduled to start 4th quarter of Financial Year 2015-16. Noted and would be complied with at the time of drilling operation.
4.	Approach road shall be made pucca to minimize generation of suspended dust.	To be taken up during construction phase, based on evaluation of the Condition of approach road to drill sites. Additionally dust generation will be minimized by water sprinkling, if required.
5.	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.	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. The DG sets with appropriate acoustic enclosures and adequate stack height as required under the guidelines published by CPCB in emission regulations, Part-IV, COINDS/26/1986/ 87 would be commissioned during drilling campaign.



6.	Total water requirement shall not exceed 35 m ³ /day and prior permission shall be obtained from the competent authority.	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. Noted and would be complied with.
7.	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.	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. Noted and would be complied during drilling site construction.
8.	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 land fill 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 Bhopal.	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. HDPE lined pits will be used for disposal of drilling waste water as per guidelines for disposal of solid waste, drill cuttings and drilling fluids for onshore drilling operation notified vide GSR.546 (E) dated 30th August, 2005. The membership of TSDF shall be obtained and drill cuttings, other hazardous wastes will be disposed in authorized TSDF.
9.	Good sanitation facility should be provided at the drilling site. Domestic sewage shall be disposed off through septic tank/soak Pit.	Sufficient number of toilet will be provided at drill site and waste water will be treated through septic tank-soak pit.
10.	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.	Oil spillage prevention and mitigation scheme is being prepared. Onsite spill kits would be provided to avoid minor spills. Additionally proper measures will be taken care to fulfill the condition. Noted and would be complied during drilling activities.

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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 30th August, 2005.	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. Noted. Adequate measures will be taken to comply the guidelines during drilling activities.
12.	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.	Noted and would be complied during drilling activities. Fire fighting equipments and personal protective equipments would be provided at the site. Comprehensive HSE manual is being prepared for the drilling activities and same will be implemented.
13.	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 locations of high risk of exposure along with self containing breathing apparatus.	Contingency plan for H2S release is being prepared and would be implemented for drilling operations. The workers would also be provided with personal H2S detectors in locations of high risk of exposure along with self containing breathing apparatus.
14.	On completion of drilling, the company have to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.	Noted and would be complied after completion of drilling activities.
15.	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 .	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. Noted and would be complied during drilling activities.
16.	Emergency Response Plan (ERP) shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.	Emergency Response Plan (ERP) is being prepared based on the guidelines by OISD, DGMS and Govt. of India. ERP would be followed during drilling.

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17.	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 shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.	Noted. Adequate measures will be taken to comply with the guidelines.
18.	Abandoned well inventory and remediation plan shall be submitted within six months from the date of issue of letter.	Noted and would be complied with.
19.	Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.	Occupational health surveillance would be carried out as per prevailing Acts & Rules.
20.	In case the commercial viability of the project (for exploratory drilling) is established, the Company shall prepare a detailed plan for development of oil and gas fields and obtain fresh environmental clearance from the Ministry.	Noted and would be complied with.
21.	Restoration of the project site after completion of drilling shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office at Bhopal.	Noted and would be complied with.
22.	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 Bhopal.	Drilling activities are scheduled to start in 4th quarter of Financial Year 2015-16. Noted and desired action would be taken during drilling activities.
23.	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly in a time bound manner.	We vide letter ref BPRL/CB-ONN-2010/8/EIA dated 03/07/2015 & followed by Letter ref BPRL/CB-ONN-2010/8/EIA dated 04/09/2015 requested MoEF to amend this clause. At present the project is in exploratory nature and there is no revenue generation. Joint Venture proposes to carry out socio-economic development as per DPE guideline.



24.	An audit shall be done to ensure that the Environment Management Plan is implemented in totality and report shall be submitted to Ministry's Regional Office.	Noted. EMP would be implemented and report would be submitted to Ministry's Regional Office.
25.	All personnel including those of contractors shall be trained and made fully aware of the hazards, risks and controls in place.	Noted and would be complied during drilling.
26.	Company shall have own Environment Management Cell having qualified persons with proper background.	Noted and would be complied before the start of the drilling campaign.
27.	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 management. All the schedules and results of environmental monitoring shall be available at project site office.	Drilling Operation Manual, Blow Out Prevention Manual and Health, Safety & Environment Management Manual is being prepared and the compliance of the same would be strictly carried out.
GENERAL CONDITIONS (B)		
1.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	Needful will be done as per the guidelines provided by the Gujarat Pollution Control Board (GPCB), State Government and any other authority.
2.	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.	Ministry of Environment & Forests will be informed and prior approval regarding any modification in the project will be taken.



3.	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.	Noted. Adequate measures will be taken to comply with the guidelines.
4.	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).	DG sets with acoustic enclosures would be installed at site. Location of DG set installation will be selected so as to be away from nearest habitation. Further vehicular movement will be minimizing through optimum use of them.
5.	A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Environmental Monitoring through NABET accredited Consulting Organisations with full fledged lab facilities will be carried out as per site requirement.
6.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, 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. Information regarding EC accorded for the project was published in news papers in English as well as Vernacular languages. The clearance letter has been also uploaded in BPCL (BPRL) website.
7.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, 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 and the GPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x , 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.	Noted. Adequate measures will be taken to comply with the guidelines during the drilling operations of exploratory wells.



8.	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 the GPCB. The Regional Office of this Ministry /CPCB / GPCB shall monitor the stipulated conditions. Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	This is first six monthly compliance reports on status of the Environmental Clearance conditions. This will be submitted to the regional office of the MoEF, the respective Zonal Office of CPCB and the GPCB; further proper measures will be taken care to fulfill the condition. Environmental Clearance has been uploaded on the website of the BPCL, the parent company.
9.	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 e-mail.	The environmental statement for the financial year ending 31/3/2016 (2015-16) in Form-V would be submitted to the Gujarat Pollution Control Board as well as same would be uploaded along with the status of compliance of environmental conditions in the BPCL website.
10.	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 GPCB and may also be seen at Website of the Ministry of Environment and Forests 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. Information regarding EC accorded for the project was published in news papers in English as well as Vernacular languages. Newspapers clips are attached as <u>Annexure-1.</u>

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11.	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 commencing the land development work.	Petroleum exploration License (PEL) granted for the project on 01.03.2013 for the period of four years. The copy of the same is attached as <u>Annexure-2</u> .
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Remark-1: Environmental Clearance granted for drilling activities of 8 exploratory wells in NELP-IX Block-CB-ONN-2010/8 is attached as Annexure-3.

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NEWSPAPERS CLIPS

PUBLIC NOTICE

M/s Bharat PetroResources Ltd.
(Common Boundary of
Ahmedabad, Kheda and
Gandhinagar district) hereby
informs the public that the
proposed Onshore Oil and Gas
Exploration in Block CB-ONN-
2010/8 has been accorded
ENVIRONMENTAL CLEARANCE
by MOEF, New Delhi, and copy of
the letter is available with the
GPCB and may also be seen at
website of Ministry of Environment
and Forest, New Delhi at [http://
envfor.nic.in](http://envfor.nic.in)

જાહેર નોટીસ

મેસર્સ ભારત પેટ્રોરિસોર્સિસ લી. (અમદાવાદ,
ખેડા અને ગાંધીનગર જિલ્લા ની સંયુક્ત સીમા),
જાહેર જનતાને જણાવવા માંગે છે કે બ્લોક સીબી-
ઓએનએન-૨૦૧૦/૮ ખાતે ઓનશોર ઓઇલ અને
ગેસ એક્સપ્લોરેશન પ્રોજેક્ટને એમ.ઓ.ઇ.એફ, ન્યુ
દિલ્લી તરફથી એન્વાયરમેન્ટ ક્લીયરન્સ આપવામાં
આવેલ છે જેની કોપી ગુજરાત પ્રદૂષણ નિયંત્રણ
બોર્ડ પાસે ઉપલબ્ધ છે. તદુપરાંત તેની કોપી
એમ.ઓ.ઇ.એફ ની વેબસાઇટ (<http://envfor.nic.in>)
ઉપર પણ જોઈ શકાય છે.

Grant of Petroleum Exploration License for the Block CB-ONN-2010/8 (NELP-IX), area measuring 42.00 Sq. Km, in Ahmedabad, Gandhinagar and kheda Dist.

Government of Gujarat,
Energy & Petrochemicals Department,
No. PEL-14-2012-2266-E,
Sachivalaya, Gandhinagar.

Dated the

1 MAR 2013

Read: (1) BPR Ltd. Letter dated 11th Sept., 2012.
(2) Ministry of Petroleum and Natural Gas D.O. letter No. 0-12012/5/2012-ONG.III dated 03.05.2012.

ORDER:

In exercise of the powers conferred by Rule 5(1) (ii) of the Petroleum and Natural Gas Rules, 1959, the Government of Gujarat is pleased to Grant a Petroleum Exploration License to the Bharat Petro Resources Ltd (BPRL) as an Operator with J.V. partners GAIL (India) Ltd., Engineers India Ltd., BF Infrastructure Ltd., Monnet Ispat and Energy Ltd. for a period of 7 years (Seven years) to prospect for petroleum with effect from the date of issue of the order in the area admeasuring 42.00 Sq.Km. for the Block CB-ONN-2010/8 (NELP-IX) in Ahmedabad, Gandhinagar and kheda Dist.

The grant of the license is subject to the terms and conditions mentioned below:

- (a) If any minerals are found during the exploration work, the BPR Ltd should bring them to the notice of State Government with full particulars available with them.
- (b) The BPR Ltd has deposited security deposit prescribed in Rule 13 of the Petroleum & Natural Gas Rules, 1959. The BPR Ltd has also paid the necessary amounts as an application fee and preliminary expenses as detailed below :

Sr. No.	Nature of payment	Challan No. & Date	Amount Rs.	Head of Account
1	2	3	4	5
1.	Security Deposit, Deposited in Punjab & Sindh Bank, Ahmedabad.	12-09-2012	Rs.4,00,000/-	(B) Deposit not bearing interest. Major Head-8443-Civil Deposits. Sub Head-103- Security Deposit. Minor Head-(1) Deposits from B.P.R. Ltd. under P&NG Rules, 1959.
2.	Application fee & preliminary expenses Deposited in Punjab & Sindh Bank, Ahmedabad.	12-09-2012	Rs.1,08,400/-	0853, Mines & Minerals, (e) Mineral Concession fee and royalty Receipts under Petroleum & Natural gas Rules, 1959.

- (c) The BPR Ltd shall immediately on demand submit to the State Government and the Director of Petroleum confidentially a full report of the Geological data of all the minerals found during the exploration of oil and/or gas and shall submit without fail every

six months, the results of all operation boring and exploration to the State Government and Central Government.

(d) The BPR Ltd shall take preventive measures against the hazard of fire underground and/or on the surface and shall keep such equipment, supplies and means to extinguish the fire at all times and shall pay such compensation to the third party and/or Government as may be determined in case damage due to fire.

OTHER TERMS AND CONDITIONS:-

- (1) The license shall be in respect of Crude Oil and Natural Gas.
- (2) The grant of license shall be valid for a period of 7 (Seven) years.
- (3) This license shall be subject to the provision of Oil field (Regulations and Development) Act, 1948, (53 of 1948) and the Petroleum & Natural Gas Rules, 1959 made there under as amended from time to time.
- (4) Immediately on demand or upon determination or relinquishment of any area covered by this lease, the lessee shall furnish to the Central Government / DGH, through the State Government confidentiality, the complete records of data as specified in Rule 19 (c) of the P&NG Rules, 1959. The lessee shall submit to Central Government, without fail, every six months the results of all operations, boring and test production.
- (5) If any minerals other than petroleum are found during the exploration activities, Licensee shall bring that to the notice of the Central Government with full particulars thereof.
- (6) All army Cantonments, stations, depots, establishments, field firing ranges and ordnance factories within the exploration block are excluded from exploration, survey and digging activities.
- (7) For development of new roads and tracts related to exploration activities in the border belt, prior sanction of Ministry of Defense shall be obtained.
- (8) For work in close proximity of Army cantonments/Stations, depots, ranges, ordnance factories and visits to these installations, if any, specific permission of Army authorities shall be taken.
- (9) Necessary approval from the Competent Authority should be obtained for the Reserve Forest Area (if any) falling in the licensed area.
"However, the Licensee may carryout surveys for oil exploration in the Reserved Forest Area falling in such leased area without obtaining prior clearance of the Ministry of Environment and Forests, Government of India under the Forest (Conservation) Act, 1980 so long as the surveys do not involve cutting of trees. The Licensee shall, however, in no circumstance carry out such surveys in specially protected areas like wildlife sanctuary, national park and preservation or sample plots demarcated by the Forest Department (Re. Letter No.11-28/86-FRY (CONS) dated 8-5-1986, Department of Environment & forest & Wildlife, Government of India).
- (10) If international companies or foreigners are entrusted with the task, the Licensee may get security vetting of these companies through the appropriate Government agencies with help of this Ministry. The lessee shall also seek prior clearance from the Ministry of Home Affairs and Ministry of Defense with the full particulars of the foreigner employees under intimation to this Ministry.
- (11) The exploration activities shall not interfere with the safety/security of any civil VA/VP covered in this area.
- (12) The Licensee shall issue identity card to each of the employees. The system of checking identity cards of personnel will have to be strictly enforced.
- (13) Security to its employees both at the project sites and en-route in insurgency-effected areas will be the responsibility of the Licensee.
- (14) Licensee shall allow Government, authorities to enter and inspect area for security check-up, if necessary.

- (15) Licensee shall not employ any foreign national surreptitiously in the area along the border.
- (16) No ground / aerial survey of the Defense VAs/VPs is permitted. Aerial survey, if any would be governed by the provisions of Ministry of Defense letter No. 18(8)/82-D (GS 111) dated January 31, 1989.
- (17) Air Force area falling within the zones embarked for delineation should be avoided.
- (18) For works in close vicinity of Indian Air Force units / installations and visit to these installations, if any, specific permission of Air Headquarters should be obtained.
- (19) Any work within 500m of the perimeter of Air Force Station should be intimated to Air Force authority at least 10 days before commencement of the activities.
- (20) No obstruction shall be erected higher than 15 mtrs. Within 5 kms. Radius of Air Force Air Fields and construction of any high mast / towers shall be carried out in consultation with the Air Force Authority.
- (21) Planned use of explosives on or below the surface shall be intimated to Air Force Authority at least 48 hours in advance.
- (22) No drilling work or installation of pipeline shall be carried out in and around village lake or residential area.
- (23) If work has to be carried out in the land owned by Gram Panchayat permission of appropriate authority shall be taken before beginning the work.
- (24) If work has to be carried out in the land owned by Private individuals permission there of shall be taken before beginning the work.
- (25) No Damages to the Major or Minor Minerals should be done.
- (26) All approach roads and natural drainage should be kept clear, open and intact.
- (27) No work shall be carried out as to damage public interest in any form.
- (28) No existing infrastructure public or private underground utility and human beings to be harmed.
- (29) The licensee have to submit the report of activities carried out in the said PEL area to the Director of Petroleum every month.
- (30) During the license period if any discovery is made, licensee has to immediately report it to the State Government and Director of Petroleum.
- (31) Licensee shall execute a separate lease deed in respect of such other covenants, terms and conditions as per the prescribed format.
- (32) Infringement of any one or more of the conditions enumerated above shall automatically render this PEL null and void ab-intio.

By order and in the name of the Governor of Gujarat,


(V.J. Trivedi)

Under Secretary to Government,
Energy and Petrochemicals Department.

To,

- The District Collector, Dist. Ahmedabad, Gandhinagar and kheda.
- The Director of Petroleum, Gandhinagar.
- The Accountant General, Ahmedabad.
- The Accountant General, Rajkot.
- The Secretary to the GOI, Ministry of Petroleum & Natural Gas, Shastri Bhavan, New Delhi-110115.
- ✓ Shri P.C.Siva, Vice President(Assets & Ops.), Bharat Petro Resources Ltd. Maker Tower, 'E' Wing, 9th Floor, Cuffe Parade, Mumbai-400005
- The Select file.

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