



ऑयल एंड नैचुरल गैस कार्पोरेशन लिमिटेड

भू-भौतिकीय दल संख्या -82, कमरा न. 306, ओ एन जी सी अकादमी भवन,
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Oil and Natural Gas Corporation Ltd.

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(AN ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 CERTIFIED UNIT)

Date: 13-07-2017


The Oil and Natural Gas Corporation Ltd, a Govt. of India Enterprise, has been granted Nohta-Damoh-Jabera PML Block falling under the static boundary of Madhya Pradesh for exploration of oil and natural gas.

The Govt. of Madhya Pradesh has already granted the Petroleum Mining Lease (PML) vide office order no. 5519/3133/2015/12-1 dated 26-10-2015 to undertake the activities for exploration of hydrocarbon in the area. It may be mentioned that such seismic surveys for location petroleum deposits are being conducted by us since 1956-57 in different part of India. A part of Nohta-Damoh-Jabera PML Block falls inside the reserve forest/protected forest in which approx. 2753 holes have an area of 13.21 sq km are required to drilled for exploration work.

As a preliminary step for exploration of hydrocarbon, Geophysical party is being deployed to carry out Seismic surveys in the area up to June/July 2018. While carrying out the seismic surveys, the field crews along with scientific equipment will be required to move through the area of operation including the reserve forest, protected forest. No trees are used to be cut during survey operation. It is pertinent to mention here that no seismic activity will be carried out in wild life sanctuaries.

The seismic surveys are carried by drilling of shot holes (of diameter 75 mm and depth ranging from 20 mts to 25 mts at each location at an interval of 35 mts along a line) and by using small quantity of explosives to generate very short duration extremely mild vibration to record seismic signals which are reflected from different rock layers beneath the earth surface to help mapping of the sub surface geological boundaries of the area. Reflected signals are recorded by sensors planted on the earth surface. These sensors are connected to the recording instrument through optical fiber cables. The shot holes so drilled are plugged after recording of data and ground brought to the original condition.

The survey project is time bound nature and of utmost national importance.


Party Chief
13/07/2017

GP-82, GPS, FB

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