



ऑयल एण्ड नेचुरल गैस कार्पोरेशन लिमिटेड OIL AND NATURAL GAS CORPORATION LIMITED

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The Oil and Natural Gas Corporation Ltd., a Govt. of India Enterprise, has been awarded Petroleum Mining Lease (PML) in Nohta- Damoh- Jabera area in Damoh District of Madhya Pradesh for exploration of oil and natural gas.

The Government 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 is mentioned that such seismic surveys for locating petroleum deposits are being conducted by ONGC since 1956-57 in different parts of India. A part of Nohta-Damoh- Jabera PML Block falls in the reserve forest / protected forest in which approx.7962 shot holes in an area of 294.59 sq. km are required to be drilled for exploration work.

As a preliminary step for exploration of hydrocarbon, geophysical party is to be deployed to carry out Seismic surveys in the area tentatively from Nov./Dec.2017 up to June/July 2018. While carrying out 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 required to be cut and no roads are to be made during seismic survey. 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 75mm and depth of about 20mts at each shot point) and by using a 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. Reflected signals are recorded by sensors planted on the earth surface. This seismic data is processed in computer centers and further interpreted to help mapping of the sub surface geological boundaries of the area. The shot holes so drilled are plugged after recording of data and ground brought to the original condition. The field crew moves ahead and area once surveyed is not visited again by the crew

The survey Project is time bound nature and of utmost national importance

Anoop
05/09/2017
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