

## PUBLIC NOTICE FOR APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE (ECC)

**GeoPartners Ltd (Proponent) Application for Environmental Clearance Certificate (ECC) for the Proposed Regional 2D Seismic Survey covering the Walvis Basin (Central Offshore) and the Namibe Basin (Northern Offshore up to the Angolan Border) and Application made under the Environmental Impact Assessment Regulations No. 30 of 2012 of the Environmental Management Act, 2007, (Act No. 7 of 2007)**

The Ministry of Mines and Energy (MME) and National Petroleum Corporation of Namibia, (NAMCOR) have signed an agreement with GeoPartners Ltd UK (the Proponent) for the acquisition of widely spaced regional 2D offshore seismic survey covering the Walvis Basin (central offshore Namibia) and the Namibe Basin (Namibian northern offshore up to the Angolan border). The proposed survey extends from -200m into the deep water (averaging -3000m). Although offshore seismic surveying in Namibia began in 1968, a lot more still need to be done in order to have a full understanding of the petroleum systems offshore Namibia. The data sets from the proposed 2D seismic survey will provides critical insight into the subsurface geologic evolution, offshore basin architecture and depositional and structural history of the petroleum systems within the two basins (Walvis and Namibe Basins). Seismic survey is a key tool that resources companies exploring for hydrocarbons (oil and natural gas) use either on land (onshore) on in the sea (offshore).

The basic principle of all seismic methods is the controlled generation of sound / acoustic waves by a seismic source in order to obtain an image of the subsurface. The generated acoustic wave that travels into the earth, is reflected by the various rock formations of the earth and returns to the surface where it is recorded and measured by a receiving devices called hydrophones. The airguns release compressed air to generate seismic signals at regular intervals. Signals reflected from geological interfaces below the seafloor are recorded by multiple hydrophones and transmitted to the seismic vessel for electronic processing. By analysing the time it takes for the seismic waves to travel between the rock formations and the surface, geophysicists, geologists and petroleum engineers use sophisticated software to creation subsurface maps showing potential subsurface geological structures called reservoirs that may contain hydrocarbons. The proposed survey will be conducted using the vessel Nordic Explorer. The proposed survey size will be approximately 9545 km comprising 37 survey lines, single source, 25 m short interval, 8m (+/- 0.5m) source depth, 18m flat (+/- 1 m) cable depth, 12.5m group interval, 12,000m solid streamer length, 960 channels per streamer, 240 nominal fold, 14 sec (continuous recording) record length and 2 ms sample interval.

The proposed activities (2D Seismic Survey) cannot be undertaken without an Environmental Clearance Certificate (ECC) as required by the Environmental Management Act, 2007, (Act No. 7 of 2007) and the Environmental Impact Assessment (EIA) Regulations 30 of 2012. In fulfillment of the environmental requirements, GeoPartners has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant and led by Dr. Sindila Mwiya as the Environmental Assessment Practitioner (EAP) to undertake the Scoping, EIA and EMP in order to support the application for ECC. All Interested and Affected Parties (I&APs) are hereby invited to register and submit written comments / objections / inputs with respect to the proposed 2D seismic survey operations.

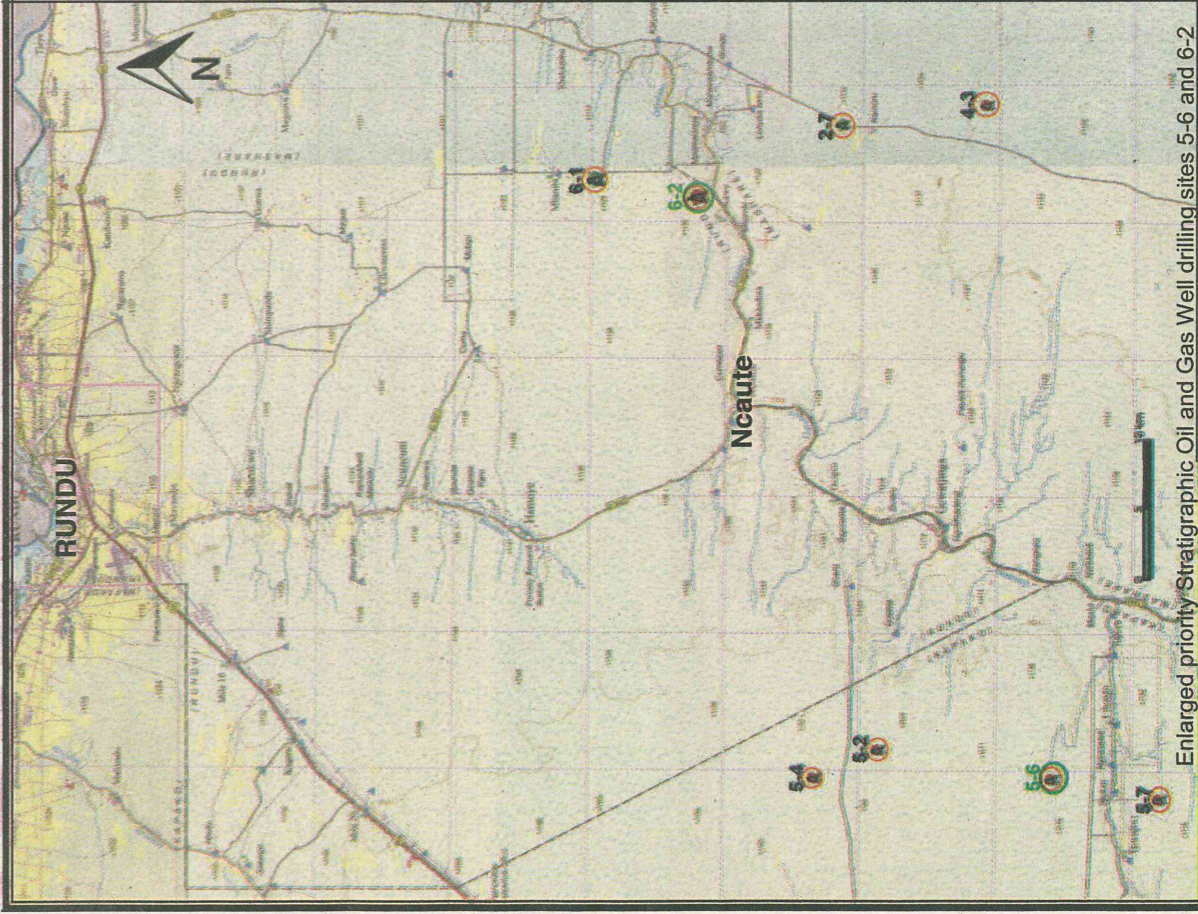
**REGISTER BY EMAIL:** [frontdesk@rbs.com.na](mailto:frontdesk@rbs.com.na) or Contact Dr. Sindila Mwiya (PhD, PG Cert, MPhil, BEng (Hons), Pr Eng) for more Information: [smwiya@rbs.com.na](mailto:smwiya@rbs.com.na), Mobile: +264-811413229

**DEADLINE FOR WRITTEN SUBMISSIONS IS: FRIDAY 31<sup>st</sup> MAY 2019, date for the lodgement of the application for Environmental Clearance Certificate (ECC) is MONDAY 3<sup>rd</sup> JUNE 2019**



**Risk-Based Solutions (RBS) CC** (URL: [www.rbs.com.na](http://www.rbs.com.na))

Your Resources (Oil, Gas, Minerals & Energy Exploration, Production & Mining) and Environmental Assessments (SEA, EIA, EMP, EMS) Specialist Consultants



## PUBLIC NOTICE FOR APPLICATION FOR ENVIRONMENTAL CLEARANCE CERTIFICATE (ECC) FOR RECONNAISSANCE OIL AND GAS (Pty) Ltd FOR PETROLEUM EXPLORATION IN PEL No. 73, KAVANGO WEST AND KAVANGO EAST REGIONS

Reconnaissance Oil and Gas (Pty) Ltd (the Proponent and Operator) hold petroleum exploration and production rights under the Petroleum Exploration License (PEL) No. 73 granted by the Ministry of Mines and Energy (MME). Reconnaissance Oil and Gas (Pty) Ltd is a subsidiary of an international company, Reconnaissance Oil and Gas Corporation, a Canadian and UK dually listed public company. PEL No. 73 covering Blocks 1719, 1720, 1721, 1819, 1820 and 1821 fall within the eastern Etosha Basin covering parts of the Kavango West and Kavango East Regions of northern Namibia. As part of the ongoing petroleum exploration programme, a total of eight (8) potential stratigraphic Petroleum (oil and gas) wells drilling locations were initially identified.

Currently, the company intend to drill only two (2) stratigraphic wells Nos. 5-6 and 6-2 falling within Blocks 1819 and 1820. The two (2) stratigraphic wells will be drilled to estimated depths of 2.5 km (2500m) each. The proposed initial operations is scheduled to start in the last quarter (Q4) of 2019 between the months of October and December 2019. The proposed drilling operations will be undertaken using a larger oil and gas drilling rig. The various components of the rig will be transported to site by a truck and the rig will be built onsite. A standard single well site for conventional onshore oil or gas drilling will typically affect a surface area measuring 150 m by 150 m. The well site will typically hold the drilling rig and additional equipment along with supervisory containerised accommodation and material storage. To prepare for proposed drilling, the access roads/tracks and the well site/s will require limited bush clearing, widening and levelling. The drilling localities are accessible with sparse larger trees and as such no cutting down of larger trees will take place. Once all the drilling activities have been completed the affected area will be reclaimed to minimise surface disturbance. The rig will be disassembled and the various components will be packed and transported to the next drilling location or final destination.

The proposed petroleum exploration activities (drilling of the two (2) stratigraphic wells) cannot be undertaken without an Environmental Clearance Certificate (ECC) as required by the Environmental Management Act, 2007, (Act No. 7 of 2007) and the Environmental Impact Assessment (EIA) Regulations 30 of 2012 and other related permits. In fulfillment of the environmental requirements and the need to apply for additional permits, Reconnaissance Oil and Gas (Pty) Ltd has appointed Risk-Based Solutions (RBS) CC as the Environmental Consultant and led by Dr. Sindila Mwiya as the Environmental Assessment Practitioner (EAP) to undertake the Scoping, EIA and EMP in order to support the application for ECC and other related permits. All interested and Affected Parties (I&APs) are hereby invited to register and submit written comments / objections / inputs with respect to the proposed exploration activities (drilling of the two (2) stratigraphic wells Nos. 5-6 and 6-2) falling within Blocks (Degree Square) 1819 and 1820 in Kavango West and Kavango East Regions.

**REGISTER BY EMAIL:** [frontdesk@rbs.com.na](mailto:frontdesk@rbs.com.na) or Contact Dr. Sindila Mwiya (PhD, PG Cert, MPhil, BEng (Hons), Pr Eng) for more Information: [smwiya@rbs.com.na](mailto:smwiya@rbs.com.na), Mobile: +264-811413229

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