PHD Nabeel Yassi. Geophysicist

Nabeel Yassi is a professional geophysicist with over 40 years of worldwide experience in exploration geophysics. Unique industry and academic experience in 2D/3D Land, Transition Zone, OBC and OBN seismic data acquisition and field data processing for Oil and Gas exploration. Nabeel has extensive track of successful seismic surveys in Australia, New Zealand, Thailand, Cambodia, India, Bangladesh, Saudi Arabia, Libya, Morocco, Egypt, Tunisia, Nigeria, and Latin America.

Nabeel graduated with a BSc (Hons) degree in geology, 1974; MSc in geophysics, 1977; and PhD degree in Exploration Geophysics from the University of Newcastle Upon Tyne – England, 1984. After receiving his PhD, Nabeel resumed academic duties to achieve the position of Associate Professor in Geophysics at Baghdad University. From the mid-90s he resided in Melbourne, Australia and was engaged in Onshore and Transition Zone seismic data acquisition surveys around the world. Between 2003 and 2006 he was based in Dubai, providing geophysical support to PGS Onshore Eastern Hemisphere Vice-President throughout the Middle East and Africa, then moved to Southeast Asia operations.

During the last six years, Nabeel was the Chief Geophysicist at Geokinetics (Australasia) Pty Ltd. He was highly involved in the latest technologies of seismic surveys; including nodal, cable-free recording systems with a blend of conventional cable recording and different types of seismic sources. Participated in many 2D/3D seismic surveys delivering superior seismic data quality and peak field efficiency with minimum/no footprint to the environment. Recently he resumed the role of Consultant Geophysicist supporting the Oil and Gas exploration industry to maintain the same high standards.

Nabeel has complementary experiences in sedimentary basins analysis, structural-tectonics, and geological interpretations. This unique experience in geological / geophysical integrations has been systematically utilised to optimise 2D/3D seismic survey designs, enhanced seismic recording parameters, field seismic data processing and delivering the highest data quality for seismic surveys within the most challenging field conditions, sensitive areas and complex tectonic frameworks. Practices were further enriched through international exposure to different types of hydrocarbon systems.

Nabeel supervised several research and development programmes in seismic exploration to enhance field deployments of diverse styles of seismic sources and seismic recording systems. Results of these programs were published in geophysical journals and shared with exploration groups at international conferences and special meetings of geophysical societies. Nabeel developed advanced training courses in Seismic data acquisition, Seismic Survey

Designs, Optimization of Seismic Recording Parameters, and Seismic Data Quality Control. These courses were tailored to the different 2D/3D seismic survey requirements and provided at the Client's Offices and/or the Seismic Crew Level.

Nabeel's credentials include project's management; preparation of tenders, liaisons with Clients throughout the project's life cycle; from early preparation stages, biding, project's planning, survey designs, project's implementation, quality control, quality assurance , up to the project's closing stages of writing final technical reports.

Very familiar with the Quality, Health, Safety, and Environment "QHSE" standards, policies, procedures and practices in the seismic exploration industry.

Daniel Chalbaud A. PHD Geophysicist

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Professional profile: Geophysicist with experience in depth imaging, including velocity model building and application of advanced depth migrations algorithms. Experienced in land seismic data acquisition, near surface seismic for geotechnical studies and processing and interpretation of seismic wide-angle data for crustal exploration projects. Interested in the application and implementation of state-of-the-art geophysical technology oriented to the imaging of complex geological structures.

Daniel graduated from Simon Bolivar University as Geophysical Engineer and started his career at the Venezuelan Institute for Seismological Research (Funvisis) in 1999 before joining Petroleos de Venezuela (PDVSA) where he worked as Exploration Geophysicist supervising seismic acquisition operations on the field. In 2010 he received his PhD from Free University of Berlin where he applied pre-stack seismic migration methods to image the Chilean subduction zone before joining Schlumberger Geosolutions and Primera Reservoir in the UK.

Maribel Lopez. Msc. Geophysicist

Geophysicist with a Masters in Applied Geosciences. 20 years of continuous experience, mainly in applied seismic interpretation focused on oil Exploration and Production. Experience in prospect generation, reservoir characterization, velocity modelling, well trajectory design (Directional Surveys – horizontal and deviated wells), seismic attribute analysis, synthetic seismogram construction, spectral decomposition, seismic anomaly analysis, hydrocarbon volumetric estimation and integrated workflows for 3D seismic interpretation.

Experience in Geological and Geophysical integration in terrestrial and marine sedimentary frameworks (siliciclastic and carbonates); salt tectonics; identification of stratigraphic opportunities and prospect evaluation; development of uncertainty maps; analysis of seismic quality and experience in Real Time Technology incorporating well control and development well planning linked to seismic interpretation.

Experience in onshore and offshore data with good skills to integrate information from all geosciences disciplines. Familiarity with depth-imaging technology (PSDM) and Seismic interpretation on post stack seismic volumes. Most recent projects include a 3-year study in Deepwater Gulf of Mexico, and Lead Consultant on the high profile Shale Gas/Oil project in Mexico.

Currently she is a full time professor of the lectures: “Static Reservoir Characterization” for Petroleum Engineering and ”Introduction to Geophysics" for Geological Engineering in UNACAR (Universidad Autonoma de Ciudad del Carmen).

JOSE AGUSTIN GARCIA UZCATEGUI Geophysical Engineer

Over twenty nine years of experience in seismic operations as Quality Control Specialist, Seismologist and Advisor, for acquisition and processing of 2D, 3D, 3C, 4D and TZ surveys.

Intimate knowledge of following recording systems: Sercel: Eagle 388, 408, 428; Input-Output: System I and II; Firefly; and vibrator control electronics by Sercel and Pelton. Extensive experience with explosives, air guns and vibrators as energy sources.

Skill and knowledge of the following software: Mesa, AutoCAD, MapInfo, Omni Field design, Testif-I and Vista System processing, Promax

Francisco Jose Quintero. Msc. Geophysicist

•Geophysical Engineer - Universidad Simon Bolivar (USB 2001_Venezuela)

•Master Sciences in Geosciences - Institute Francais du Petrol (IFP 2011) PDVSA-IFP Program

Seismic Processing Analyst experienced in time processing of 2D and 3D seismic data onshore and 3D seismic data offshore; AVO and inversion feasibility studies for 2D and 3D seismic data; Seismic Processing Supervisor of 2D seismic and 3D seismic marine Projects (onshore and offshore), including seismic merging Projects. Development of seismic enhancement workflows for interpretation and seismic inversion, estimation of intervallic velocity for drilling from seismic inversion, post-stack conditioning for seismic inversion and attribute generation of 2D and 3D seismic data. Actually working in integration of remote sensing data and seismic data for hazard drilling risk in offshore projects, simulation of 3D high resolution data from 3D seismic conventional data, 2D seismic post-stack conditioning for stratigraphical interpretation and 3D post-stack conditioning for seismic inversion and seismic attribute generation

Another activities for PDVSA: Seismic processing/characterization advisor in evaluation and share projects of joint venture companies of PDVSA with: Bolivia (2007), Argentina (2015) and Jamaica (2015), Converted Wave training PDVSA-BGP (2014)

Jesus Martinez. Geophysical Engineer

Years of Experience: 30

Affiliations: SEG, SOBG, CIV, SOVG

•Geophysical Engineer – Universidad Central de Venezuela (UCV 1986)

Jesus is a Geophysicist with a wide international experience. He had worked in Argentina, Bolivia, Cuba, Mexico, Brazil, Ecuador, Colombia, Belize, England and Venezuela. He has been involve with multiple seismic contractors; Hidropetrol, Sismoven, Exgeo, Geohidra, Suelopetrol, Paradigm Geophiycal, Geodata Soluciones, Geoconsulta52, Sismica BieloVenezolana, Discoverseis, Suelopetrol, Corelab-Owen, Paradigm Geophisycal, and

GeoQuasar. Also he has been involve in a consultant positions for several Oil companies in Venezuela, Belarus, Cuba and Argentina.

Jesus, is a geophysical consultant in seismic processing and field operations. His experience cover the areas of processing, QC and field supervision. Jesus has been involve in 2D and 3D seismic onshore and offshore projects. In addition he has experience with processing QC, pre-stack and post-stack migration, AVO, seismic inversion, seismic attributes and depth migration.

HIGINIO MUNOZ DUARTE. **Electronic Engineer**

Universidad Simón Bolívar (USB 1981, Caracas-Venezuela).

Seismic Exploration Experience: 25 years; working for different international companies like BGP, Veritas, Schlumberger Geco-Prakla, WesternGeco, Shell-PDO, GeoPark, PEMEX-Mexico, etc.

Higinio has worked in the Seismic Industry (oil exploration), occupying different positions: Field Service Engineer, Assistant Party Chief, Deputy Party Chief, Instrument supervisor, Party Chief and Field Operations Advisor.

Higinio has worldwide experience. He has worked in Venezuela, USA, Bolivia, Suriname, Peru, Mexico, Egypt, Saudi Arabia, Chile, Turkey, Iraq and Oman. His experience includes different type of environments: Mountains, Transition Zone, Desert and Amazon Jungle (heliportable Crews). Also he has experience with different seismic sources: Dynamite, Vibrators and Air guns. Acquisition Systems: Sercel 428, Sercel 408, I/O 2, I/O RSR and ARAM-ARIES (Inova).

Other than seismic industry he had worked as Electronics Engineer on Electric power generation plants, aluminum plants and computer factory industry.

Strengths include flexibility to handle change, leadership and ability to develop very supportive teams; good negotiator and stress management.

Skills on Logistics of Field Operations, Contractor management, Client relationship, QHSE management System, procurement and supply chain.