

RESUME

GEOLOGIST

Giancarlo David Tovar.

Birth Date: 30th of November, 1980.

Place of Birth: Cd.Barcelona, Venezuela.

Place of Residence: Santo Domingo 2246, Santiago, Chile

Nationality: Venezuelan – Democratic Responsibility Visa - US Visa B1/B2.

SUMMARY

Geologist with more than 14 years of experience in Oil & Gas industry working in E&P. Strong background in seismic interpretation (structural and stratigraphic), structural geology, stratigraphy, sedimentology, tectonics, seismic attributes, combining all the disciplines to predict structural and stratigraphic traps through seismic and well data. During my professional career I have been involved in several projects related (to) with clastics, carbonates, deep water reservoirs in Offshore and Onshore Basins from Venezuela, and Jamaica. I am a pro-active, dynamic, positive, responsible person with good communication skills and with ability to work under pressure. I have an extensive seismic interpretation experience and a good understanding in both development and exploration activities

EDUCATION

- Graduate Diploma of Petroleum Geosciences. Institut Francais du Petrole. November 2009-December 2010.
- Geologist - Engineer -Mention Hidraulic Resources. Universidad de Oriente – Bolivar Campus- School of Earth Science. November 1999-July 2005.

LANGUAGES

- Spanish (Native)
- English (Professional proficiency), CCnation Academy, Intermediate Level.

WORK EXPERIENCE

February 2016 Current Position. PDVSA, Puerto la Cruz, Venezuela. Seismic Interpreter Facha Atlantica- Golfo de Paria, Eastern Basin, Offshore Venezuela.

Main Tasks:

- Seismic data quality control and validation, compilation of acquisition and processing reports, definition of seismic quality matrix, including 2D and 3D seismic data, Vsp, Check-Shots, wells coordinates, well log data, production information, geochemical data.
- Seismic well tie.
- Analyze regional geological information and established structural styles
- Support the petroleum system modelling (Basin Modelling) in six (6) regional transects for evaluation of elements and processes of the petroleum systems.

January 2016. PDVSA, Puerto la Cruz, Venezuela. Seismic Interpreter Facha Atlantica, Eastern Basin (Loran-Manatee Field), Offshore Venezuela

Main Tasks:

- Quality control of seismic data (horizons, faults, time - depth relationships, 3D seismic) associated to reservoir intervals.

September - December 2015. PDVSA and Petroleum Corporation of Jamaica, Kingston, Jamaica; Puerto La Cruz, Venezuela. Seismic Interpreter, Offshore Jam Exclusive Economic Zone

Main Tasks:

- Regional Project Offshore Jamaica (Offshore), Play assessment, regional 2D seismic interpretation on clastic sequences, structural maps, volume calculation and risk analysis.

March - August 2015. PDVSA, Puerto la Cruz, Venezuela. Seismic Interpreter Carupano Basin (Dragon and Patao Field), Offshore Venezuela.

Main Tasks:

- Interpretation of seismic data for the construction of structural- stratigraphic models
- Evaluation and documentation of exploratory prospect in Venezuelan basins for selection of drilling locations.
- Generation of 3D structural models and geological maps for identification of oil traps.

- Calculation of seismic attributes to recognize hydrocarbon direct indicator (Dragon and Patao gas field).
- Estimation of exploratory prospects risk as output from structural model (Trap).
- Estimation of risk for drilling proposal, support the evaluation of exploration and appraisal plan in structural areas.

January 2014. PDVSA, Puerto la Cruz, Venezuela. Seismic Interpreter, Golfo de Venezuela and Maracaibo Basin, Offshore Venezuela

Main Tasks:

- Quality control of seismic interpretation, Integration of data including maps, cross sections, seismic and non-seismic interpretation for the risk analysis and resources estimation of prospects.

January - December 2013. PDVSA, Puerto la Cruz, Venezuela. Seismic Interpreter Golfo de Paria, Eastern Basin, Onshore and Offshore Venezuela.

Main Tasks:

- Regional interpretation in a foreland and pullapart basins related (to) with interaction of Caribbean and South America plates.
- Define and document structural- stratigraphic framework to establish different structural styles, and reduce exploratory uncertainties and define plays potential in the basin.
- Support the petroleum system modelling (Basin Modelling) in five (5) regional transects for evaluation of elements and processes of petroleum systems.
- Seismic well tie.
- Integration of data including map, cross section, seismic and non- seismic interpretation for risk analysis and resources estimation of plays.

January - December 2011. PDVSA, Puerto la Cruz, Venezuela. Seismic Interpreter Falcon Basin, Offshore Venezuela.

Main Tasks:

- Quality control of 2D and 3D seismic data during database creation (Falcon Basin, Offshore Venezuela).
- Seismic interpreter for Leads and Prospects identification, and integration of different types of data from wells and 2D/3D seismic.
- Construction and Visualization of 3D geological models for the definition of tectono-stratigraphic framework in the Falcon Basin (Offshore Venezuela).
- Generation of Structural Maps for Leads and Prospects identification.
- Participation in risk analysis and resources estimation of prospects.

January - December 2010. PDVSA, BEICIPFRANLAB and IFP School, Caracas Venezuela. Advanced basin assessment & modeling.

Main Tasks:

- Extensive professional training (training on job) in basin analysis, technical topics such as geophysics, geology, geochemistry, reservoir engineering and petrophysics.

2007 - 2009. PDVSA, PDVSA, Puerto la Cruz, Venezuela. Seismic Interpreter Eastern Basin, Onshore Venezuela.

Main Tasks:

- Accomplishment of the complex regional structural framework for the Eastern Basin (Prospects Generation).
- Integration of geological and geophysical data and quality control of seismic and well data.
- Establish structural framework in a foreland basin, and structural analysis of fold and fault belt areas.
- Document the major prospect of the basin and update portfolio.
- Support the petroleum system modelling (Basin Modelling) in regional transects for evaluation of elements and processes of petroleum systems.
- Risk analysis and volume calculation for update of portfolio, and structural framework elaboration of Plays.
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2005 - 2006. PDVSA, PDVSA, Puerto la Cruz, Venezuela. B.Sc. Thesis: "2D Seismic interpretation profiles from Orocual- Tropical fields, southern Quiriquire for new exploratory opportunities identification"

PROFESSIONAL COURSES AND TRAINING

- Geometric and kinematics analysis of compressive tectonic structures. Pdvsa. Puerto La Cruz 2012. Time: 80 hours.
- Restoration and Balancing of Structural Sections Lithotect. Halliburton. Puerto La Cruz 2011. Time: 40 hours.
- English Course. CCnaton. Time: 15 months – Intermediate Level.
- ABAM (Advance basin assessment & modeling). Institut Francais du Petrole. Caracas, Venezuela 2010. Time: 4 month.
 1. Introduction to petroleum system.
 2. Well log interpretation.
 3. Structural Geology.

4. Sedimentological log interpretation.
 5. Basin Analysis-3D modeling Themis.
 6. Basin Analysis-3D modeling Dionisos.
 7. Basin analysis- sequence stratigraphy.
 8. Basin analysis- 3D seismic interpretation.
 9. Basin analysis for prospect location.
- EFAI Training Program (PDVSA- BeicipFranlab-IFP Training) 2009-2010.
 1. Sustainable and endogenous development.
 2. Well test and pressure analysis.
 3. Reservoir fundamentals.
 4. PVT Analysis.
 5. Rock mechanics.
 6. Petrophysics Laboratory.
 7. Risk Analysis.
 8. Ceres.
 9. Themis 3D.
 10. Themis 1D/2D.
 11. Genex Gentec.
 12. RML software.
 13. Basin Modeling.
 14. Mineral Geochemistry.
 15. Organic Geochemistry.
 16. Field trip.
 17. ZMap + Landmark, Landmark.
 18. FracaFlow.
 19. Fracture Analysis.
 20. Seismic attributes.
 21. Seismic interpretation.
 22. SeisWorks Halliburton, Landmark.
 23. Structural Geology.
 24. Seismic acquisition and processing.
 25. PetroWorks Halliburton, Landmark.
 26. Petrophysics, well log interpretation.
 27. Basic concepts of stratigraphy.
 28. StratWorks Halliburton, Landmark.
 29. Core Description.
 30. Carbonates sedimentology and diagenesis.
 31. Clastics sedimentology and diagenesis.
 32. Halliburton OpenWorks.

SOFTWARE SKILLS

- Seismic Interpretation: Seisworks, Petrel, 3D canvas Decision Space Geosciences (Intermediate).
- Well Correlation: Petrel (Intermediate).
- Synthetics Seismograms Generation: Syntool, Petrel, Decision Space (Advanced).
- GIS: ArcGIS, Global Mapper (Advanced).

CONGRESS

- I Venezuelan Symposium of Earth Sciences applied to Hydrocarbons Exploration, 2009 (speaker).
- I Students congress of Oil, Chemistry and Gas, Maturin. 2003.

SOFT SKILLS

- Proactive and Innovative.
- Willing to take challenges.
- Willing to travel anywhere in the world.
- Effective Team Member.
- Punctual/responsible.
- Multi-Cultural Interaction.
- Quick analysis/decision