

LORENZO IZARRA

Houston, TX. USA



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CONSULTANT | CUSTOMER SUPPORT | SENIOR GEOPHYSICIST

15+ years of experience in the energy industry providing solutions and technology for large Oil/gas companies. Actively drive collaboration and integration between R&D, sales and support teams. Supervise best practices and continuously monitor for process improvement opportunities. Organize and facilitate skills transfer opportunities and workshops including: mentoring, tutoring and training for geoscience skills and software applications. Define exploratory opportunities and development of reservoirs in both conventional and unconventional plays. Team builder, team leader and team player. Bilingual in English and Spanish.

AREAS OF EXPERTISE

- Collaboration and integration between partners to deliver comprehensive solutions for large Oil/Gas companies.
- Organize and facilitate skill transfer opportunities and workshops for customers including: mentoring, tutoring and training.
- Geophysical support to well operations including: planning, risk assessment, geosteering and horizontal drilling in unconventional plays.
- Prospect evaluation of oil and gas reservoirs through 2D and 3D seismic interpretation.

TECHNICAL SKILLS

- Halliburton/Landmark: DecisionSpace (DSG), DTE, Powerview, Geoprobe, Syntool,
- Geografix/Gverse
- Petrosys.
- Geoteric.
- Paradigm: SeisEarth (3D canvas, Section, VoxelGeo).
- IHS-Kingdom: 2D/3D Pack.
- Schlumberger: Petrel.
- ESRI: ArcGIS

PROFESSIONAL EXPERIENCE

Halliburton | Landmark - Houston, TX

2017 – Current

Technical Advisor for Software QA – Geoscience workflow specialist

Ensured optimal quality of DecisionSpace Geosciences (DSG) software releases, used by top Oil & Gas companies worldwide.

- Collaborated and engaged with customers (users) from Anadarko, BHP Billiton, Occidental and BPX (formerly BP Lower 48) and sales leaders and engineering teams to design adoption for business applications, as well as deployment of Beta program.
- Collaborated with cross-functional teams to provide immediate feedback from end-users regarding functionalities and worked with R&D teams to add enhancements to future releases.
- Review operation best practices and conduct skills transfer workshops with customers, including mentoring, tutoring and training of technologies.
- Performed geoscience workflows from beginning to end to test the software integrity.
- Strong combination of relevant Energy Industry and technical experience plus exceptional people skills.
- QC/QA tester for DSG with knowledge in Agile/Scrum processes.

PROFESSIONAL EXPERIENCE (*Continued*)**ConocoPhillips Company** - Houston, TX**2012 – 2016***Senior Geophysicist – Eagle Ford Development*

Accountable for providing geophysical support to horizontal drilling operations and structural seismic interpretation in Eagle Ford Play.

- Geophysical support to well operations: planning, risk assessment, geosteering and horizontal drilling over 250 wells.
- Velocity model generation reducing geological picks uncertainties to less than 10 ft.
- Solid structural seismic interpretation of 1000 mi² of 3D seismic data to understand the geological framework of the Eagle Ford play.
- Reduced drilling cycle time from 30 days to 15 days average, therefore reducing operational cost by 30% per well.
- Perform shallow hazards assessment using 3D seismic data interpretation and seismic attribute analysis and make recommendations for salt water disposal wells.
- Effective communication and collaboration supporting, mentoring and training more than 15 geoscientists to understand geophysical data, as well as the use of Landmark's DSG software to integrate geological and geophysical information.

ConocoPhillips Company - Houston, TX**2011 – 2011***Geoscience Intern – Eagle Ford Development*

Performed structural seismic interpretation of potential development areas.

- Seismic interpretation of 100 mi² of 3D seismic data set located in McMullen/La Salle counties, as part of Conocophillips' acreage capture and potential development.
- Structural mapping of 5 key intervals in time and depth.
- Velocity model generation to convert seismic interpretation and structural maps

Petróleos de Venezuela S.A. E&P - Puerto La Cruz, Venezuela**2003 – 2009***Seismic Interpreter - Exploration Management*

Responsible for the structural seismic interpretation and definition of exploratory oil and gas prospects.

- Structural model generation from 2D/3D regional seismic data interpretation associated with fold thrust belt systems in Eastern Venezuela basin and Offshore Venezuela.

EDUCATION**Masters in Geophysics**

University of Houston. Houston - TX, USA.

Graduate Diploma of Petroleum Studies in Petroleum Geosciences

Institut Français du Pétrole (IFP). Paris, France.

Geophysical Engineer (Bachelor's degree)

Universidad Central de Venezuela (UCV). Caracas, Venezuela.