



## JOB DESCRIPTION

<b>Position Title:</b>	Development Geologist	<b>Position Type:</b>	Exempt
<b>Department/Group:</b>	Global Reservoir	<b>Location:</b>	Dallas, TX
<b>Reports To:</b>	VP, Global Reservoir	<b>Direct Reports:</b>	0

### Company Description

Kosmos Energy is a leading deepwater exploration and production company focused on meeting the world’s growing demand for energy. We have diversified production, a world-class gas development, and value creation opportunities from exploration in the proven basins where we operate.

Our key assets include production offshore Ghana, Equatorial Guinea and U.S. Gulf of Mexico, as well as a world-class gas development offshore Mauritania and Senegal. We also maintain a sustainable proven basin exploration program in Equatorial Guinea, Ghana and U.S. Gulf of Mexico. Kosmos is listed on the New York Stock Exchange and London Stock Exchange and is traded under the ticker symbol KOS.

As an ethical and transparent company, Kosmos is committed to doing things the right way. The company’s Business Principles articulate our commitment to transparency, ethics, human rights, safety, and the environment. Read more about this commitment in our Corporate Responsibility Report. For additional information, visit [www.kosmosenergy.com](http://www.kosmosenergy.com).

### Basic Function

Develop and maintain geological reservoir models of deep-water clastic producing oil fields. Must be able to integrate various forms of petroleum geological data (well logs, cuttings, core, seismic, geochemical, reservoir and fluid property data, etc.) to create robust 3D geological/geomodels in industry standard software packages, particularly Petrel. Create models that can be handed over to a reservoir engineer for simulation. Generate new ideas for new production and injection well locations, well work overs (new perforations, zone changes, etc.). Generate maps, diagrams, charts and plots to describe the resource fully. Identify and evaluate drilling opportunities.

### Essential Responsibilities and Job Duties

- Build high quality descriptions of oil and gas reservoirs/fields using a full array of subsurface data including, but not limited to, seismic, log and geostatistical data and geological knowledge. Descriptions will consist of 3D geomodels, horizon picks, well log tops picks, etc.
- Construction and maintenance of static reservoir models for use in dynamic modeling/simulation and reserves evaluation
- Using built models, calculate average reservoir properties, STOOIP, recoverable resources, etc.
- Monitor and report on drilling wells in the field
- Develop and maintain the complete subsurface database (e.g. core, well logs, tops, biostrat, resource volumes)
- The successful candidate will have a strong background in geoscience
- Handle other projects, duties and responsibilities as assigned.



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### Qualifications and Education Requirements

- Minimum of 7 years of industry experience and previous experience in static modeling and resource estimation
- Experience with geological work processes. Ability to integrate seismic, well data and depositional models to characterize reservoirs (mapping and modeling), identify and evaluate drilling opportunities
- Master's Degree in Geoscience required
- Superior Petrel skills are required
- Experience with a major oil and gas operator working on producing fields
- Experience with deep-water clastic systems
- Work in a fast-paced production organization in collaboration with members of the team including seismic interpreters and reservoir engineers, and with extended team members such as geotechs, petrophysicists and production engineers
- Able to work collaboratively with Kosmos subsurface staff, as well as partner subsurface staff
- Willingness to provide and receive feedback for improvement and growth
- Original, creative thinker with the ability to formulate and express a contrarian viewpoint
- Able to work in a fast-paced environment

### Attributes

- Strong interpersonal and communication skills
- Proven ability to prioritize and multi-task
- Exceptional productivity skills. Can be relied on to get the job done accurately and on time.
- Has little need for close management supervision and direction and is comfortable and effective in an informal operating environment.
- Proven ability to collaborate with team and generate solutions
- Must be an energetic self-starter with a passion for their work. An engaged, "hands on" team player.
- Ability to handle and protect sensitive information in a confidential and professional manner
- Must be able to work with diverse employees, partners and governments from all parts of the world.
- Ability to handle multiple tasks and to coordinate efforts with other departments as required
- Advanced problem solving, time management, and decision-making skills required
- Advanced written and verbal communication skills, with the ability to partner effectively with all levels of staff

### Physical Requirements and Working Conditions

Must possess mobility to work in a standard office setting and to use standard office equipment (computer, printer, copier, etc.) stamina to maintain attention to detail despite interruptions, strength to lift and carry files weighing up to 25 pounds; vision to read printed materials and a computer screen, and hearing and speech to communicate in person and over the telephone



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All qualified applicants will receive consideration for employment without regard to race, color, sex, sexual orientation, gender identity, religion, national origin, disability, veteran status, age, marital status, pregnancy, genetic information, or other legally protected status.

Reviewed By:		Date:	
Approved By:		Date:	
Last Updated By:		Date/Time:	