

## **External Posting for Kosmos Energy, LLC**

POSITION: Sr. Reservoir Engineer

LOCATION: 8176 Park Ln., Suite 500, Dallas, TX 75231

DUTIES: Construct and maintain dynamic and integrated asset models to make prediction for field development scenarios and underpin field development plans. Build dynamic reservoir simulation models. Optimize reservoir management programs through analysis of high rate, subsea, production, injection, and pressure data. Work in development engineering from a grass roots level through to full FOP. Prepare amendments to existing reservoir development plans. Assist in the development and maintenance of reserve and resource plans. Conduct technical evaluations of reserves and fluid distributions in individual reservoir systems utilizing petrophysical, geological, seismic, and production data. Analyze fluid PVT laboratory data used in Equations of State and in dynamic simulation modeling. Analyze production and injection well pressure transient tests. Work to ensure dynamic simulation field models have the correct well productivity. Perform studies to optimize the injection and production of fluids to maximize ultimate recovery of hydrocarbons. Work with company auditors to ensure accurate representation of future resources in company financial statements. Analyze well performance, in terms of oil, water, gas and pressure trends to find methods to increase ultimate recovery of hydrocarbons. Work collaboratively with geologists and geophysicists to ensure that subsurface models properly reflect dynamic data.

MINIMUM REQUIREMENTS: Requires a Master's degree, or foreign equivalent degree, in Petroleum Engineering, Mechanical Engineering, or Industrial Engineering and 3 years of experience in the job offered or 3 years of experience in a related occupation constructing and maintaining dynamic and integrated asset models to make prediction for a variety of field development scenarios and underpin field development plans; optimizing reservoir management programs through analysis of high rate, subsea, production, injection, and pressure data; building dynamic reservoir simulation models; conducting technical evaluations of reserves and fluid distributions in individual reservoir systems utilizing petrophysical, geological, seismic, and production data; analyzing fluid PVT laboratory data, used in Equations of State and in dynamic simulation modeling; analyzing production and injection well pressure transient tests; working to ensure dynamic simulation field models have the correct well productivity; performing studies to optimize the injection and production of fluids to maximize ultimate recovery of hydrocarbons; working with company auditors to ensure accurate representation of future resources in company financial statements; analyzing well performance, in terms of oil, water, gas and pressure trends to find methods to increase ultimate recovery of hydrocarbons; and working collaboratively with geologists and geophysicists to ensure that subsurface models properly reflect dynamic data.

REFER TO: Job Number: 7166041

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My name is Alex Kubin and I hold the position of Sr. HR Administrator with Kosmos Energy, LLC. In my capacity as Sr. HR Administrator, I have the authority to post advertisements and notifications to the Kosmos Energy, LLC external website.

This job posting was placed on \_\_\_\_\_ and was removed on \_\_\_\_\_.

Signature and title: \_\_\_\_\_