

# CASE STUDIES

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## GABON

MAUREL & PROM, DECEMBER 2011

### OBJECTIVES

- To reach the reservoir cost effectively
- To penetrate geological targets in a lost circulation environment minimizing the total non-productive time (NPT)
- Deliver safe operation with zero NPT using Cougar DS equipment and services
- To reduce well construction cost, and to minimize related wellbore stability risks
- To establish continuous improvement performance

### PROCESS

Cougar DS applied its Optimized Well Delivery™ (OWD) process incorporating thorough well planning and execution, safely to reach total depth (TD) in the shortest amount of time.

### RESULT

Cougar DS was able to help its client achieve all geological targets and reach the reservoir while maximizing wellbore quality through minimized sliding (<11%) and by applying best drilling practices. Cougar Drilling Solutions' drilling operations expertise, and its reliable downhole tools provided direction, inclination, gamma ray and real time vibration management which enabled our client to beat the approval for expenditure (AFE) and allowed us to deliver the well on time.