

## CASE HISTORY

# INTEGRATED SERVICE ACHIEVES RECORD MULTI - WELL CSG/CBM PROJECT

### APPLICATION

CSG / CBM  
Multi-Well (Pad) Drilling

### TECHNOLOGY

gyroMWD, Sci-Driver™ Falcon EM MWD,  
MagTraC MWD Ranging™

### LOCATION

Central Scotland

### CUSTOMER CHALLENGE

The customer planned to drill a multi-lateral CSG/CBM well with four laterals intersecting an existing vertical well. The project required high-accuracy wellbore placement and geosteering to remain in the coal, with seam thickness down to one foot in some sections.

### SCIENTIFIC SOLUTION

Scientific Drilling (SDI) was involved in the pre-job planning process, as well as drilling operations-providing their Sci-Driver™ - Near Bit Smart Motor, Falcon EM MWD, and gyroMWD system. Communication was maintained between the well site and the customer's operational headquarters to ensure operational and data updates were provided real-time. SDI's unique MagTraC MWD Ranging™ service was utilized to detect the vertical well on the fourth intercept, when the previous ranging system became inoperable.

### CUSTOMER VALUE

All three intercepts were successful on the first attempt with Scientific Drilling's Sci-Driver™ achieved the longest laterals drilled, as well as the highest percentage in coal in this location. SDI's gyroMWD also played a major role in accurately placing the wellbore prior to intercept of each lateral.



*CSG/CBM rig used on project in Central Scotland*

Updated November 2014

Copyright © 2014 Scientific Drilling International