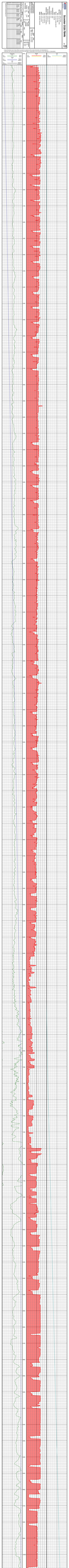

ENSIGN Directional Services

Scooter D18-79HN

MD
2":100'

Company: Noble Energy
Well Name: Scooter D18-79HN
API: 05-123-37980
Rig Id: Precision Drilling Rig 829
State: Colorado
County/Parish: Weld
Country: USA
Survey Company: Ensign Directional
Job number: PD829-207-6
COMPANY MAN KEVIN CAMPBELL
DD1 ZACH GENTRY
DD2 TONY CALLOW
MWD1 RYAN PRUE
MWD2 ANDREW KEOHAN

Log measurements:
Depth measured from:
Maximum temperature:

	Depth	Date
Start:	839 ft	12-14-2013
End:	11410 ft	12-21-2013

Casing	Depth	Size
Surface:	838	9.625
Intermediate:	7423	7

Mud Type:
Density:
Viscosity:
Rm: **Rmf:** **Rmc:**

Elevations
KB: 16
GL: 4811
DF: 4827

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1				0	838	12-13-2013	12-13-2013
2	8.75	53.78	48.78	839	7433	12-14-2013	12-17-2013
3	6.125	55.55	50.55	7433	11410	12-18-2013	12-21-2013
4							
5							
6							
7							
8							
9							
10							

*Gamma not used during run 1

Ensign Directional uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

10100
10200
10300
10400
10500
10600
10700
10800
10900
11000
11100
11200
11300
11400
Gamma
API
0.0
150.0
150.0
300.0
TVD
ft
0.0
7500.0
7500.0
15000.0
VS
ft
0.0
99999.0
99999.0
199998.0
ROP
0
0.0
500.0
500.0
1000.0
VS
ft
0.0
5000.0
5000.0
10000.0