

Company: Noble Energy Inc

Well Name: Schafner K16-64-1HN

UMI or L&D: Precision 828

Rig Id: Colorado

State: Weld

County/Parish: Weld

Country: USA

Survey Company: Ensign Directional

Job number: 828-21

Company Man 1 Gary Stapleton

Directional Driver 1 Tyler Batchelder

Directional Driver 2 Matt Mason

MWD 1 Joel Alcala

MWD 2 Andrew Keenan

Log measurements:

Depth measured from: KB

Maximum temperature:

Start: 595 ft 10/31/2013

End: 11642 ft 11/07/2013

Casing Depth Size

Surface: 595 9.625

Mud Type:

Viscosity:

Elevations

KB: 4760

QI: 4744

Intermediate: 7575 7

Rm:

Rmc:

DF: 4760

Run Bit Size	Gamma	Survey	Start	End	Dates	Start	End
1	8.75	58.67	53.67	595	4135	10/31/2013	11/2/2013
2	8.75	58.67	53.67	4135	7562	11/2/2013	11/4/2013
3	6.125	60.76	55.76	7565	11642	11/5/2013	11/07/2013
4							
5							
6							
7							
8							
9							
10							

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.

