ENSIGN Schlumberger

Kummer PC LE 23-65-1HN

MD 1":100'

Company: Noble Energy Inc
Well Name: Kummer PC LE23-65-1HN
UWI or LSD: 05-123-36685
Rig Id: Helmerich 273
State: Colorado
County/Parish: Weld
Country: USA
Survey Company: Ensign Directional
Job number: 22072S-02
Directional Driller 1: Kody Wood
Directional Driller 2: Nate Boroughs
MWD 1: Joel Akala
MWD 2: Brett Blank

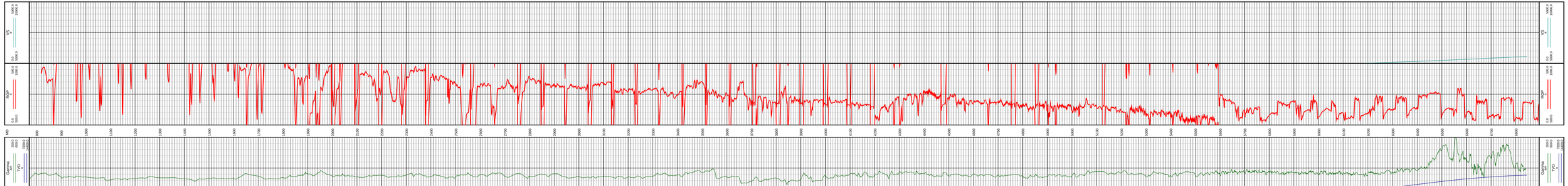
Log measurements: TSI
Depth measured from: KB
Maximum temperature:

	Depth	Date
Start:	751 ft	4/5/2013
End:	ft	

Casing	Depth	Size
Surface:	751	9 5/8
Intermediate:		

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

Elevations:
KB: 5006
GL: 4982
DF: 5006

Run	Bit Size	Offsets Gamma	Offsets Survey	Depths Start	Depths End	Dates Start	Dates End
1	8.75	52.59	47.39	751	6880	4/4/2013	4/4/2013
2	8.75	52.59	47.39	6880		4/13/2013	
3							
4							
5							
6							
7							
8							
9							
10							

These hand-drawn curves are based on the data available at the time of plotting. Interpretations and opinions based on inferences from electrical or other measurements are subject to error. We assume no responsibility for the accuracy of such information or interpretation.