Rohn State LD04-63HN

TVD
1":100'

Company:	Noble Energy Inc
Well Name:	Rohn State LD04-63HN
UWI or LSD:	05-123-37448
Rig Id:	Helmerich 273
State:	Colorado
County/Parish:	Weld
Country:	USA
Survey Company:	Ensign Directional
Job number:	207-273-17
Directional Driller 1	Kody Wood
Directional Driller 2	Jamie Sheets
MWD 1	Tyler Teague
MWD 2	Bill Mercer

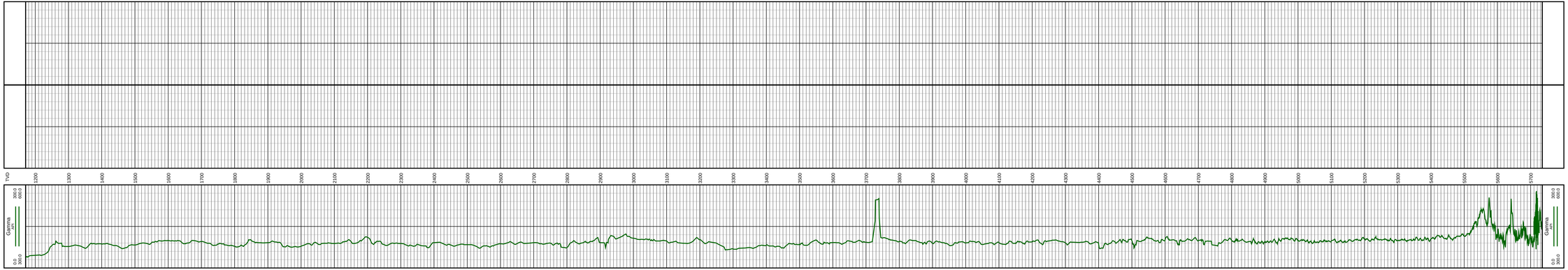
Log measurements:	500
Depth measured from:	KB
Maximum temperature:	206.6

	Depth	Date
Start:	1224 ft	08-23-2013
End:	9758 ft	08-29-2013

Casing	Depth	Size
Surface:	1193	9.625
Intermediate:	5974	7

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

Elevations
KB: 24
GL: 4707
DF: 4731

Run	Bit Size	Offsets Gamma	Offsets Survey	Depths Start	Depths End	Dates Start	Dates End
1	8.75	53.00	48.00	1224	4988	08/23/2013	08/24/2013
2	8.75	57.33	52.33	4988	5989	08/24/2013	08/26/2013
3	6.125	59.86	54.86	5989	9758	08/27/2013	08/29/2013
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.