ENSIGN Directional Services

Rohn State LD04-67-1HN

MD
1":100'

Company: Noble Energy Inc
Well Name: Rohn State LD04-67-1HN
UWI or LSD: 05-123-37480
Rig Id: Helmerich 273
State: Colorado
County/Parish: Weld
Country: USA
Survey Company: Ensign Directional
Job number: 207273-11
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:

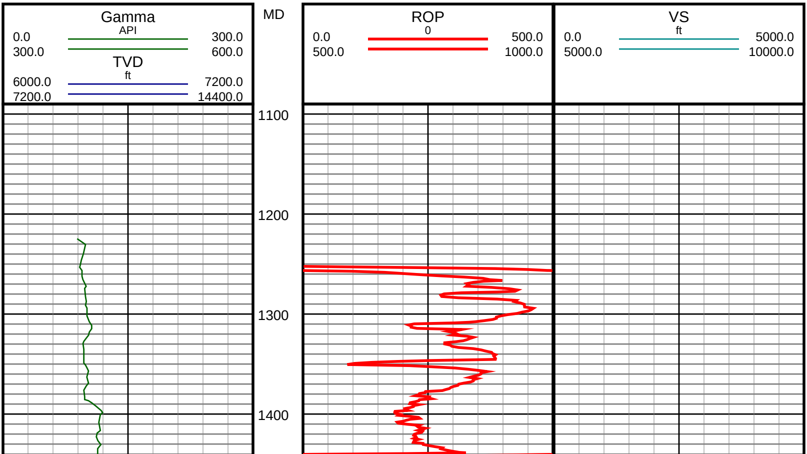
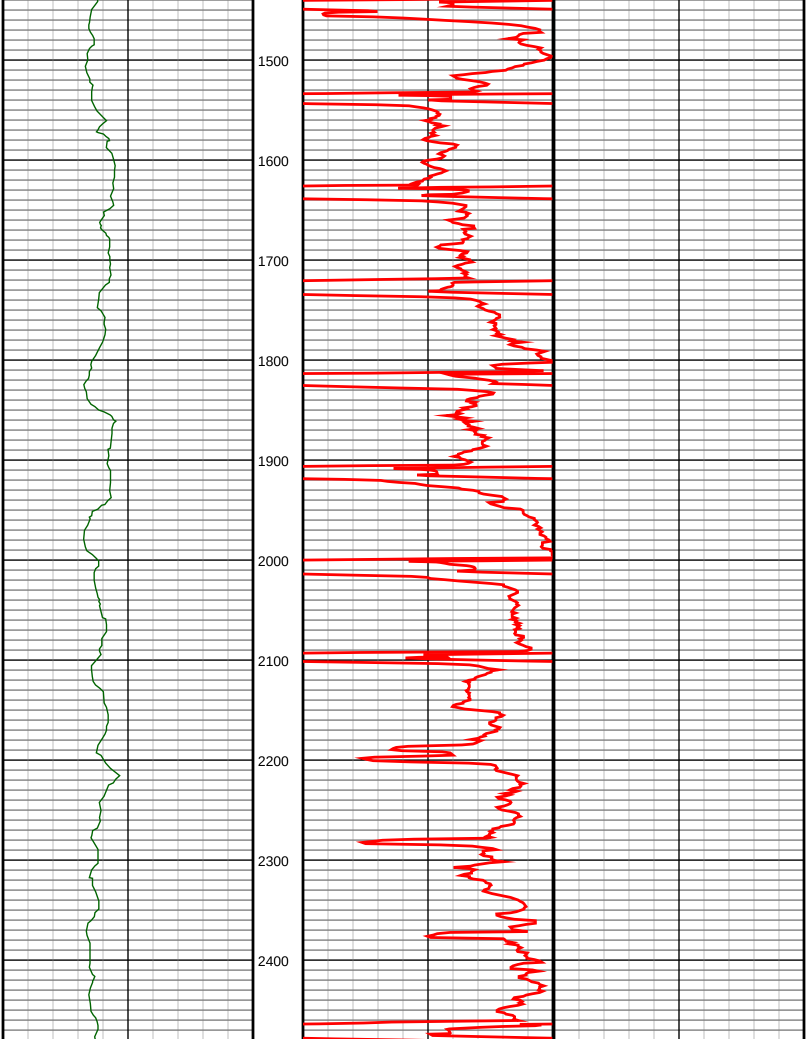
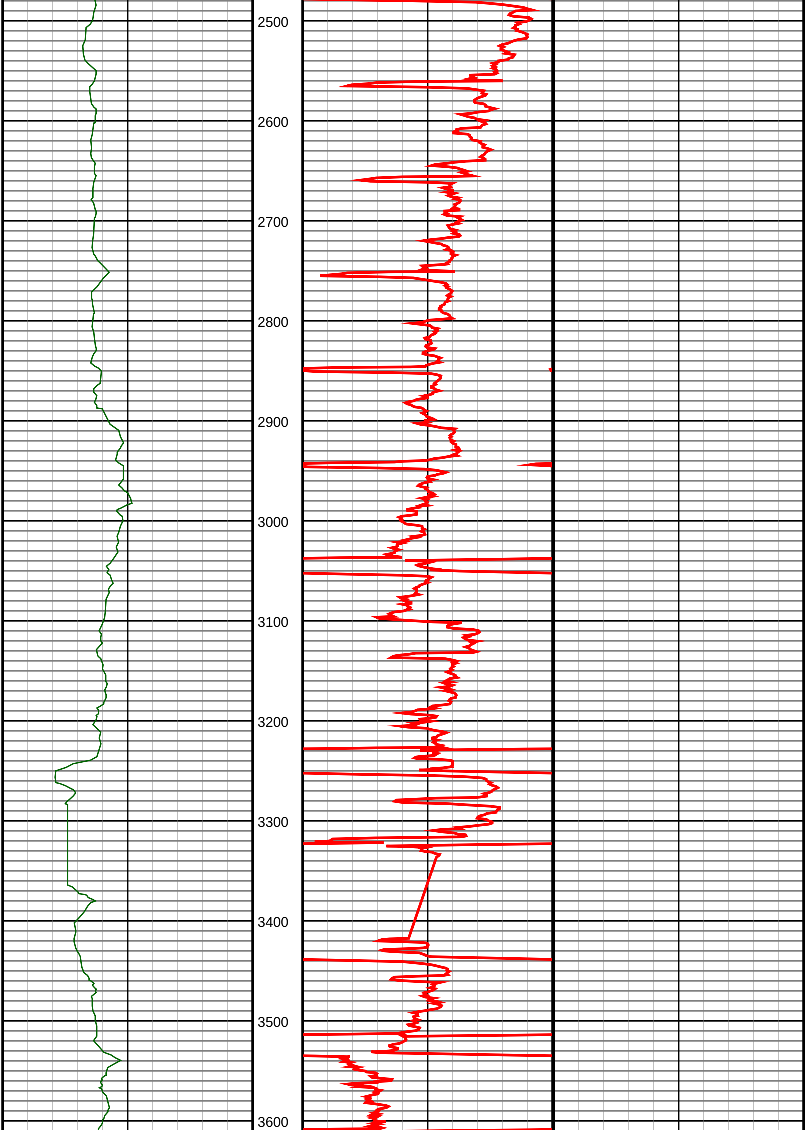
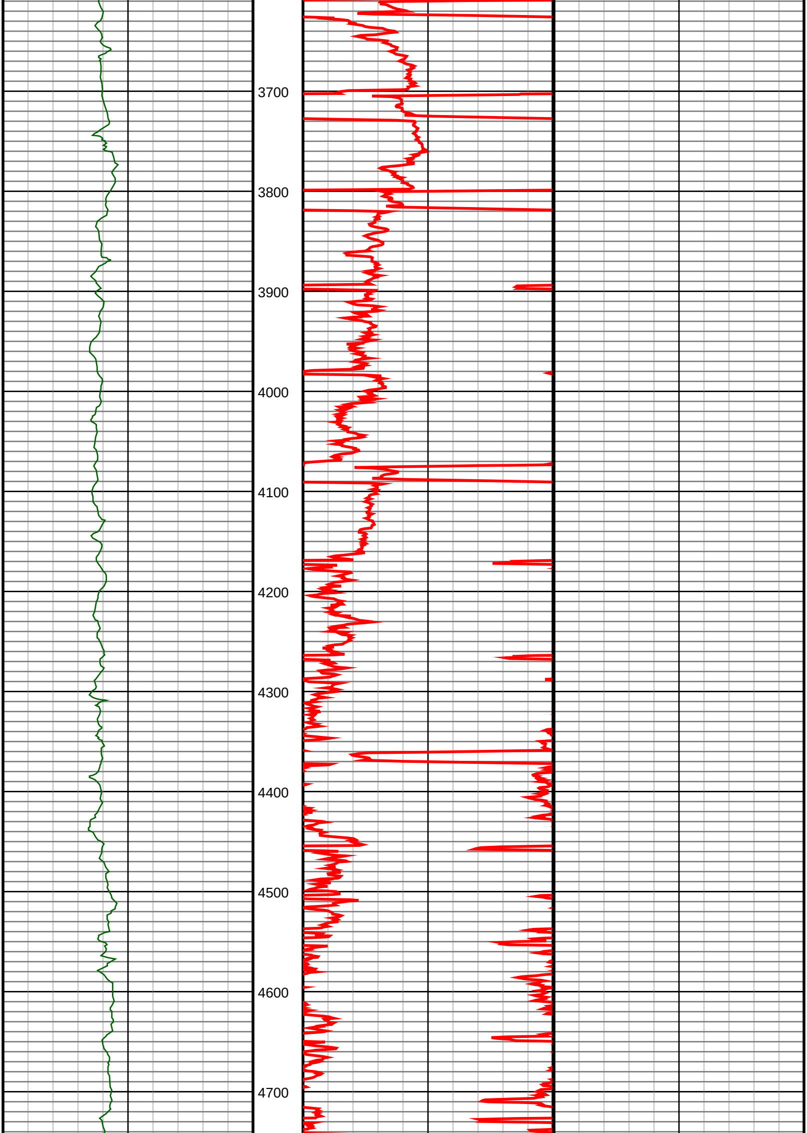
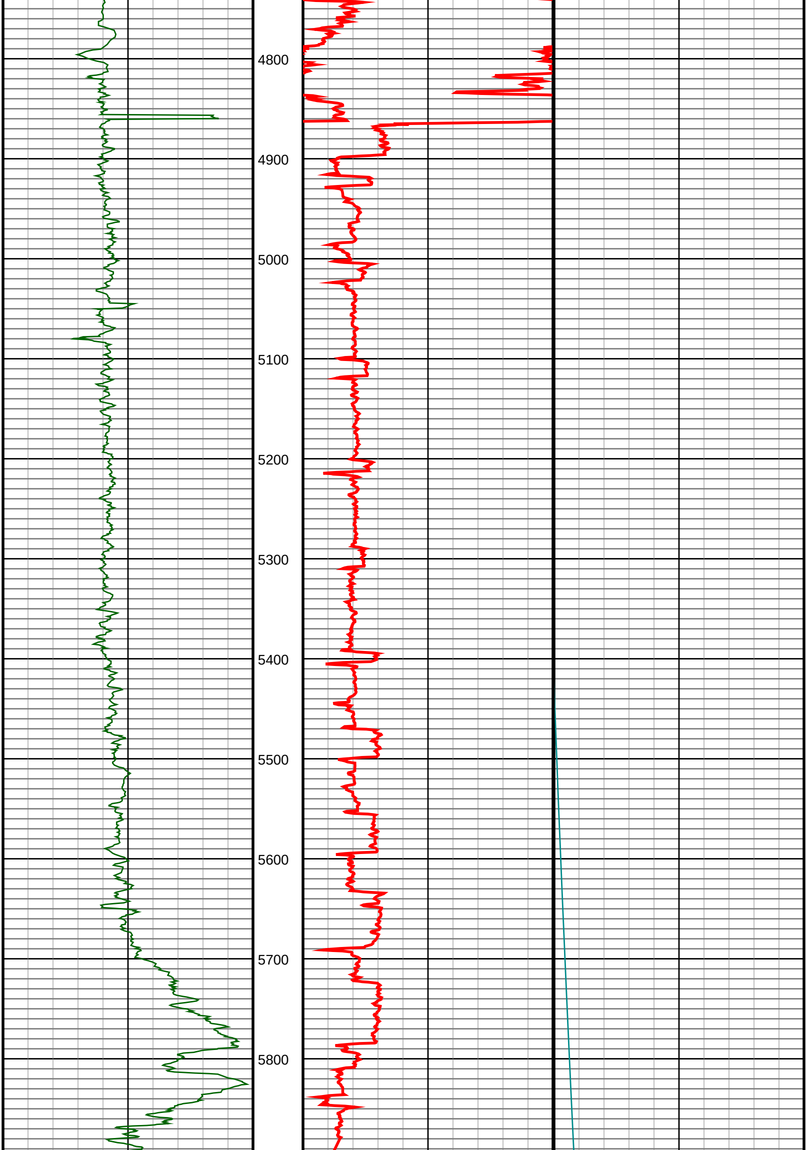
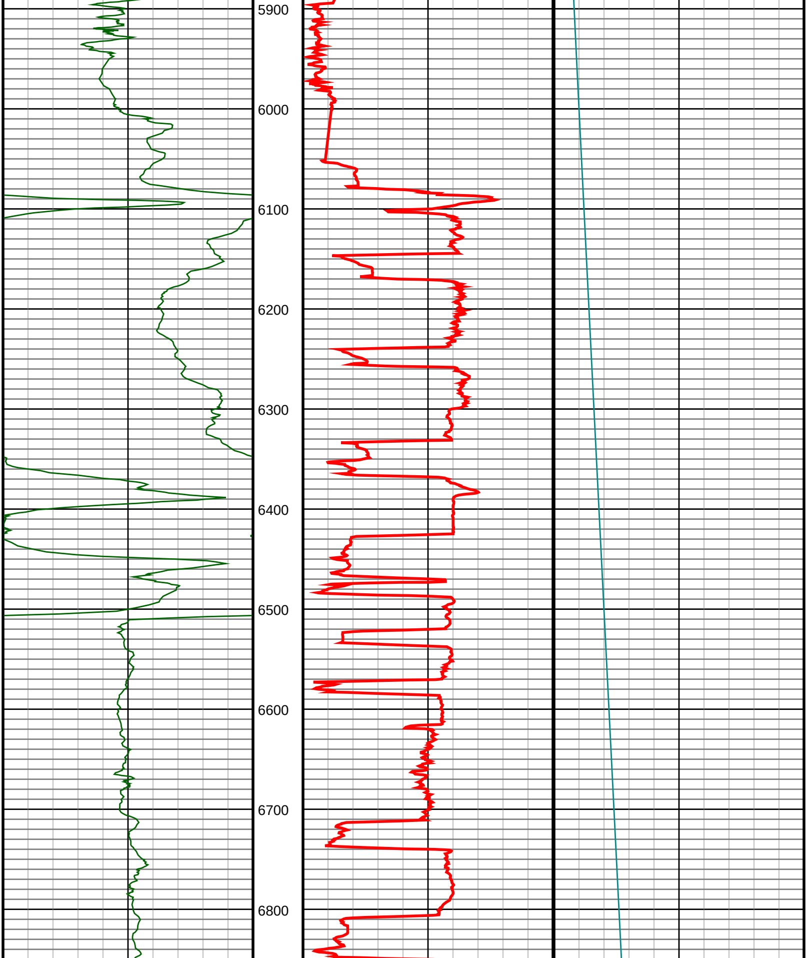
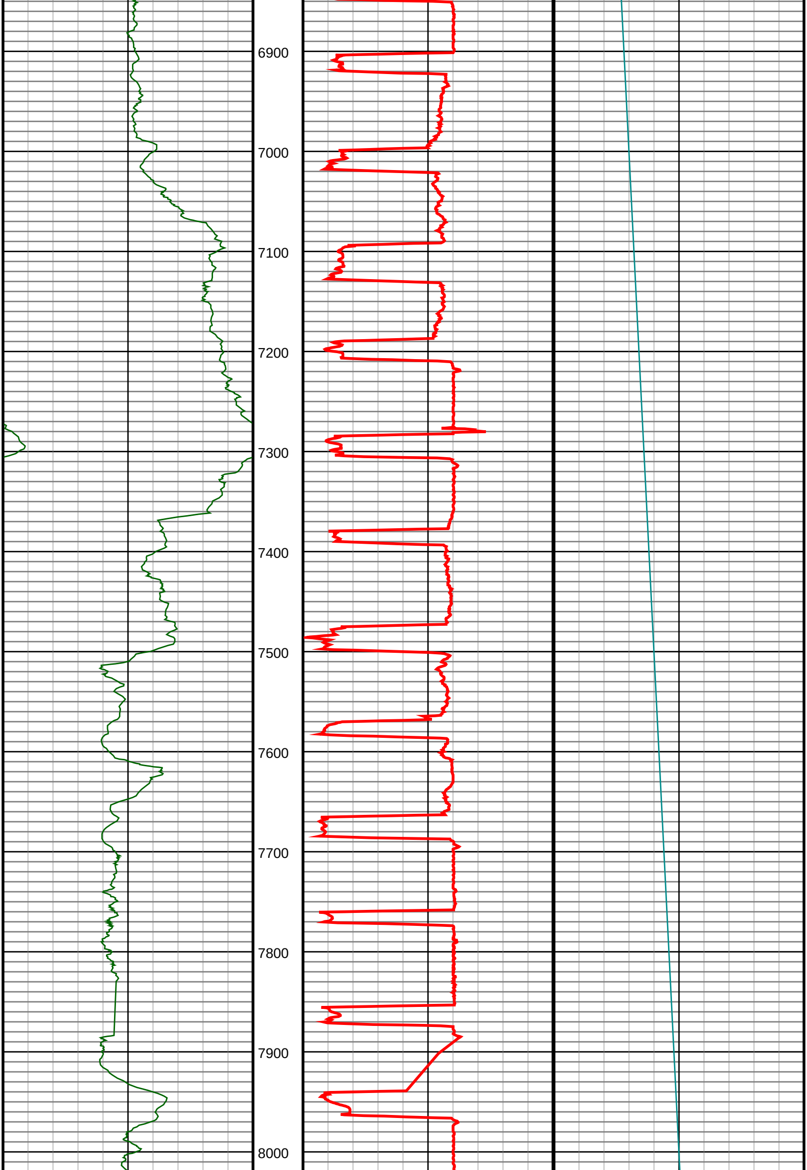
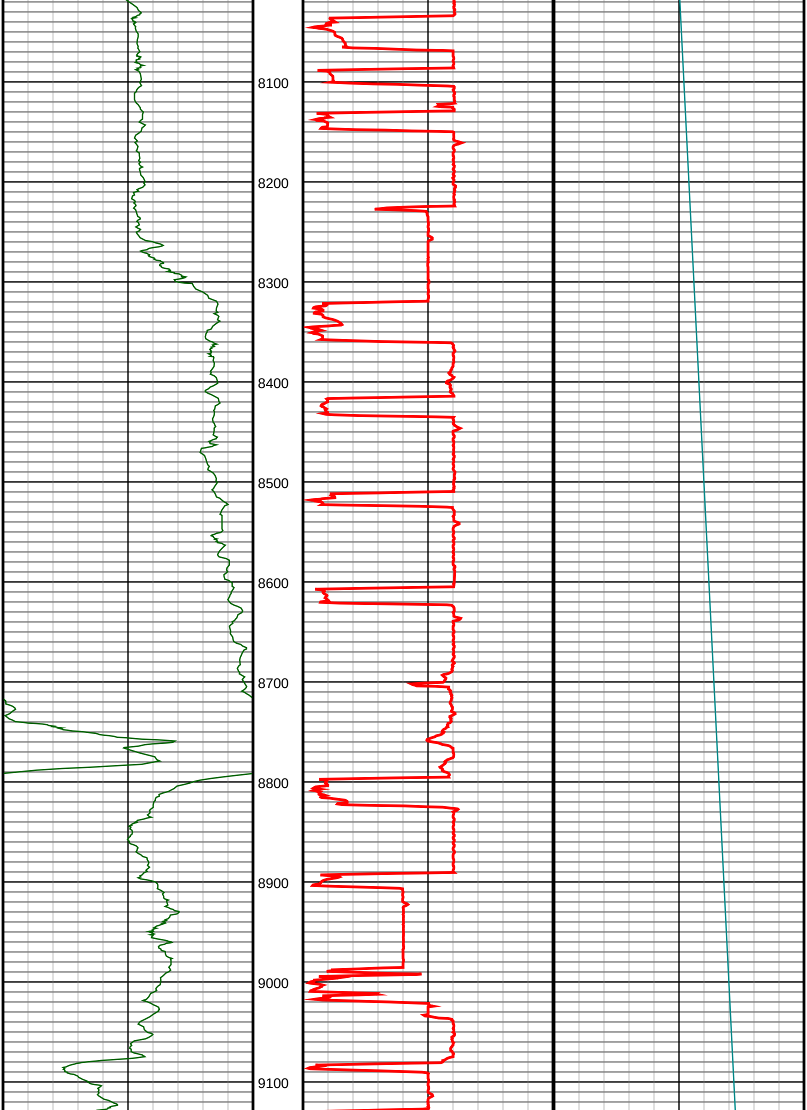
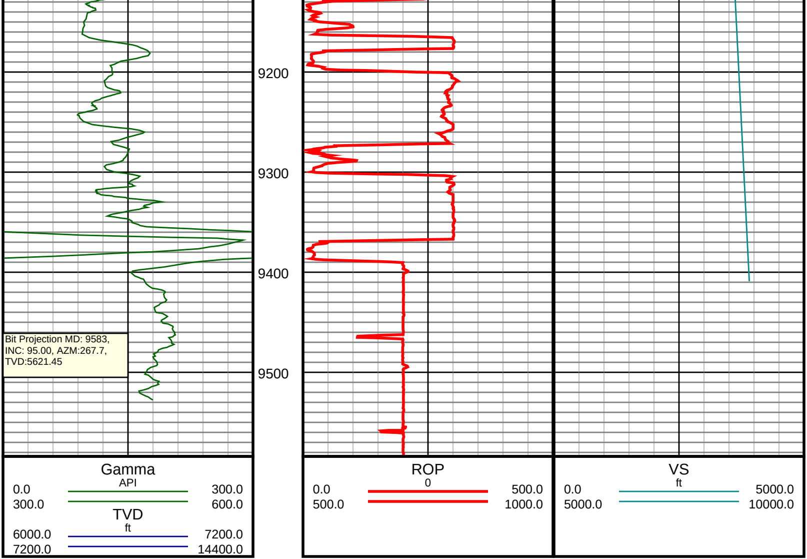
	Depth	Date
Start:	1277 ft	07/04/2013
End:	9583 ft	07/09/2013

Casing	**Depth**	**Size**
Surface:	1277	9 5/8
Intermediate:	5991	7

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

Elevations
KB: 4731
GL: 4707
DF: 4731

		Offsets		**Depths**		**Dates**	
Run	**Bit Size**	**Gamma**	**Survey**	**Start**	**End**	**Start**	**End**
1	8.75	53.30	48.30	1277	6001	07/04/2013	07/06/2013
2	6.125	55.43	50.43	6001	9583	07/07/2013	07/09/2013
3							
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.