

Company: Noble Energy, Inc.

Well Name: Sauer F33-77-1HNX

UWI #1 SR: 05-23-27261

R/L #: EN4801121

State: Colorado

County/Prefix: Weld

Country: USA

Survey Company: Ensign Energy Inc

Job Number: 121-174

Company Rep 1: Noble Energy

DD1: Zsolt Gentry

DD2: James Sheets

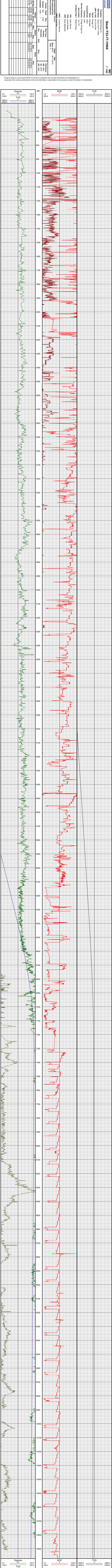
DD3: Brian Bednarek

LWD1: Andrew Derrrow

LWD2: Fred Sato

Log Measurements: Gamma		Depth	
Depth measured from:		Start	Date
Maximum temperature:		602.2 ft	05-17-2013
Casing		Depth	Elevation
Size		Mud Type:	KB: 4683
Viscosity: 9.58			GL: 4670
Innervelode: 7205			DF: 4683

Run	Run Start	Gamma Survey	Start	Depths	End	Start	Dates	End
1	61.25	60.28	52.25	7215	7109.71	05-20-2013	05-23-2013	
2								
3								
4								
5								
6								
7								
8								
9								
10								



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