

Company: Noble Energy Inc									
Well Name: Rohn State LD04-65HN									
UWI or LSD: 05-123-3745									
Rig Id: Helmerich 273									
State: Colorado									
County/Parish: Weld									
Country: USA									
Survey Company: Ensign Directional									
Job number: 207-273-14									
Directional Driller 1 Kody Wood									
Directional Driller 2 Jamie Sheets									
MWD 1 Tyler Teague									
MWD 2 Bill Mercer									
Log measurements: 500					Depth Date				
Depth measured from: KB					Start: 1217 ft 07/25/2013				
Maximum temperature: 201.2					End: 9648 ft 07/28/2013				
Casing Depth		Size		Mud Type:		Elevations			
Surface: 1207		9.625		Density:		KB: 4731			
Intermediate: 6128		7		Viscosity:		GL: 4707			
Offsets				Rm:		DF: 4731			
Run Size		Gamma Survey		Start		End		Dates	
8175		56.33		53.33		1217		6140	
6128		60.33		6140		9648		07/27/2013	
								07/28/2013	

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.

