HALLIBURTON

Cement Bond
Gamma Ray
CCL

Company Noble Energy Inc.
Well Kehn USX AD 19-11
Field Wattenberg
County Weld State CO

Company	Noble Energy Inc		
Well	Kehn USX AD 19-11		
Field	Wattenberg		
County	Weld	State	CO

API No 05-123-26045 Serv #
Location 1902 FSL & 1911 FWL
NE SW
Other Services

Sec 19 Twp 7N Rge 62W

Permanent Datum	G.L.	Elevation 4753		Elevation
Log Measured From	K.B.	10 Ft above perm datum	K.B.	4763
Drilling Measured From	K.B.		D.F.	4762
			G.L.	4753
Date @ Time Logged	23-May-08	Type Fluid in Hole	Fresh Water	
Run No.	ONE	Density of Fluid	8.4	
Depth - Driller	6904	Fluid Level	Surface	
Depth - Logger	6857	Cement Top Est. Logged	1800	
Bottom - Logged Interval	6854	Equipment / Location	/	Brighton
Top - Log Interval	1600	Recorded by	N. Pataluna	
Max. Recorded Temp	235	Witnessed by	S. Armstrong	

CEMENTING DATA	Surface String	Protection String	Production String	Liner
Date / Time Cemented				
Primary / Squeeze				
Expected				
Compressive Strength	psi@ hrs	psi@ hrs	psi@ hrs	psi@ hrs
Cement Volume				
Cement Type / Weight	/	/	/	/
Formulation				
Mud Type / Mud Wgt	/	/	/	/

Borehole Record			Casing & Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
				4.5	11.6	Surface	TD

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HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

Comments

Depth ref to PSI Compensated Density Compensated Neutron Microlog 17-May-08

Thank You for Using Halliburton

Crew: Hansen, Pataluna, Peach, Townsend

HALLIBURTON

Sussex Pass

5"=100'

Database File noble kehn usx ad 19-11.db
Dataset Pathname pass4
Presentation Format cbldig
Dataset Creation Thu May 29 02:22:52 2008 by Log Halliburton Casedho
Charted by Depth in Feet scaled 1:240

9	Collar Locator	-1	0	Amplitude (mV)	100	200	Variable Density	1200
0	GR CBL (GAPI)	150	0	Amplified Amplitude (mV)	10			

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