



Radial Cement Bond Log

Company				Kerr-McGee Oil & Gas Onshore, L.P.			
Well				Grenemyer 14C-3HZ			
Field				Wattenberg			
County				Weld			
State				Colorado			
Location:				API # : 05-123-38416			
Permanent Datum				SHL: 636' FNL 2605' FEL			
Log Measured From				Lat/Long: 40.0131/-104.876509			
Drilling Measured From				SEC 34 TWP 1N RGE 67W			
Ground Level				Elevation 5049'			
Kelly Bushing				16 FT			
Kelly Bushing				Elevation 5049'			
Date				03 Feb. 2014			
Run Number				One			
Depth Driller				16697 FT			
Depth Logger				7746 FT			
Bottom Logged Interval				7746 FT			
Top Log Interval				Surface			
Open Hole Size				8.750"			
Type Fluid				Water			
Density / Viscosity				8.34 lbm/gal			
Max. Recorded Temp.				215 degF			
Estimated Cement Top				68 FT			
Time Well Ready				11:00			
Time Logger on Bottom				---			
Equipment Number				HD-134			
Location				Fort Lupton, CO			
Recorded By				Wayne Wacker			
Witnessed By				Trevor Daniel			
Borehole Record				Tubing Record			
Run Number				Bit			
From				To			
Size				Weight			
From				To			
Casing Record				Size (in)			
Surface Casing				Wgt (lbs/Ft)			
Intermediate #1				Grade			
Intermediate #2				Top			
Liner				Bottom			
4-1/2"				11.6#			
7056 FT				16687 FT			

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Log was correlated to liner top at 7056'
Logged With 2500 PSI at Surface

Thank you for choosing FMC Technologies Completion Services, Inc.



Main Pass

Logged with 2500 PSI at surface

Database File: 0512338416_anadarko_grenemyer 14c-3hz_02-03-14_mit_rbl.db

Dataset Pathname: main2

Presentation Format: rbt007

Dataset Creation: Mon Feb 03 18:33:10 2014 by Log Sondex V7.03

Charted by: Depth in Feet scaled 1:240

Gamma Ray		3' Amplitude		5' Variable Density Log	Sector Map	Average Amplitude	
0	(GAPI) 150	0	(mV) 100			0	100
Collar Locator		3' Amplitude x 5				Minimum Amplitude	
		0	(mV) 20			0	100
		3' Travel Time				Maximum Amplitude	
		650	(usec) 150			0	100

