HALLIBURTON

CEMENT BOND LOG

5"=100'

Company KERR-MCGEE OIL AND GAS
Well DENVER 15-18
Field WATTENBERG
County WELD State CO

Company	KERR-MCGEE OIL AND GAS
Well	DENVER 15-18
Field	WATTENBERG
County	WELD
State	CO
API No.:	05123326340000
Serv #:	8040922
Location:	SHL: 1177' FSL & 826' FEL SESE BHL: 669' FSL & 1983' FEL SWSE
Other Services	NONE

Sec: 18 Twp: 1N Rge: 66W

Permanent Datum	GL	Elevation	4935
Log Measured From	KB , 14 Ft. above perm. datum	Elevation	K.B. 4949 D.F. 4948 G.L. 4935
Drilling Measured From			

Date @ Time Logged	17-MAR-2011	Type Fluid in Hole	FRESH WATER
Run No.	ONE	Density of Fluid	8.33
Depth - Driller	8222	Fluid Level	SURFACE
Depth - Logger	7937	Cement Top Est. Logged	1020
Bottom - Logged Interval	7926	Equipment / Location	11014931 / BRIGHTON
Top - Log Interval	550	Recorded by	ADAN SAENZ
Max. Recorded Temp.	218 degF	Witnessed by	LEWIS CAMP

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
1	7.875	SURFACE	TD	4.5	11.3	SURFACE	TD

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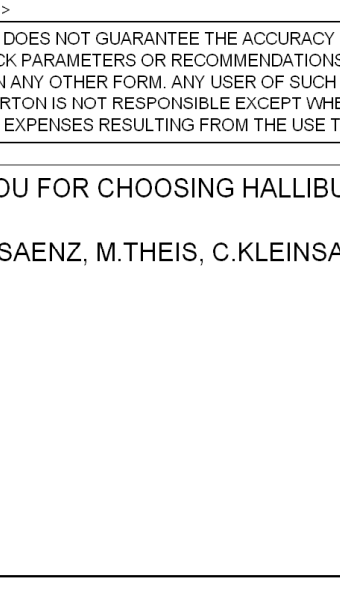
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHCIH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR 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

THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES!

CREW: A.SAENZ, M.THEIS, C.KLEINSASSER, C.NAKAGAWA



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		STND_CH 1.4375 IN CABLE HEAD	1.50	1.44	1.00
		CENT-Probe (PTS_MONO) Probe 2 3/4 Centralizer	2.88	2.75	35.00
WVF3 WVF5	11.61 10.61	CBL-Probe (070347) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
		CENT-Probe (PT_MONO2) Probe 2 3/4 Centralizer	2.88	2.75	35.00
CCL GR	3.88 2.54	GR-Probe (070361) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00
LLMTEN	0.00				

Dataset: anadarko denver 15-18.db: field/well/run1/pass21
Total Length: 20.73 ft
Total Weight: 161.00 lb
O.D. 2.75 in

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SUSSEX PASS

5" = 100'

Database File: anadarko denver 15-18.db
Dataset Pathname: pass21
Presentation Format: 1katcbl
Dataset Creation: Thu Mar 17 12:24:11 2011 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	LTEN		0	Amplified Amplitude (mV)	10	200	Variable Density 1200
0	Gamma Ray (GAPI)	200	0	(lb) 2000	0	Amplitude (mV)	100		

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SUSSEX PASS

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MAIN PASS

5" = 100'

Database File: anadarko denver 15-18.db
Dataset Pathname: pass19
Presentation Format: 1katcbl
Dataset Creation: Thu Mar 17 12:04:02 2011 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

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MAIN PASS

5" = 100'

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Field WATTENBERG
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LOG
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