Company	Mineral Resources
Well	University Square D6
Field	Wattenberg
County	Weld
State	Colorado

HALLIBURTON

Cement Bond Log

Company	Mineral Resources		
Well	University Square D6		
Field	Wattenberg		
County	Weld	State	Colorado

API No.: 05-123-241725-00-00 Serv #:
Location: SHL:259' FNL & 1246' FEL
BHL: 662' FSL & 641' FWL

Other Services
Perforate

Sec: 17 Twp: 5N Rge: 65W

Permanent Datum	GL	Elevation 4675'	Elevation
Log Measured From	KB , Ft. above perm. datum		K.B. 4689'
Drilling Measured From	KB		D.F. 4688' G.L. 4675'

Date @ Time Logged	22-May-2007	Type Fluid in Hole	Water
Run No.	1	Density of Fluid	
Depth - Driller	8199'	Fluid Level	Surface
Depth - Logger	8142'	Cement Top Est. Logged	3930'
Bottom - Logged Interval	8142'	Equipment / Location	/
Top - Log Interval	3550'	Recorded by	Brian Bentley
Max. Recorded Temp.	Not recorded	Witnessed by	Ed Martin

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	8.75"	8199'	454'	4.5"	13.5	454'	Surface

<<< Fold Here >>>

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

Top of Cement found at 3930 '
CBL logged with 0 psi pressure applied to casing.
Log Correlated to PSI log dated 3/2/2007.

Thank you for using Halliburton.

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Main Pass

5"=100'

Database File: mr_university_square_d6.db
Dataset Pathname: pass3
Presentation Format: probebbp
Dataset Creation: Tue May 22 13:05:55 2007 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1		0	AMP3FT (mV)	100	200	Variable Density	1200
0	GR (GAPI)	200		0	AMPX10 (mV)	10			
0	TT5FT (usec)	400							

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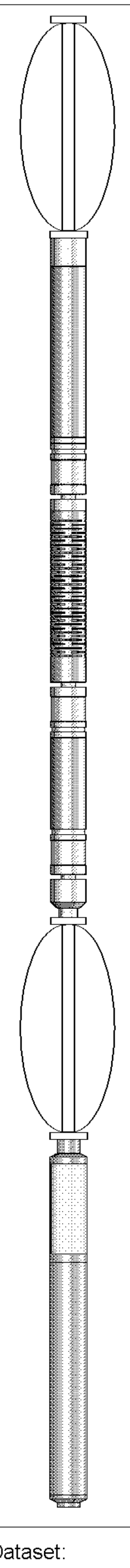
Main Pass

5"=100'

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CENT	19.25		Probe_275 Probe 2 3/4 Centralizer	2.88	2.75	20.00
CBL_PRB275D	16.38					
WVF3FT	11.88		CBL_PRB275D-PRB275_Dig (040201) Probe 2 3/4" Digital 3' & 5' Bond - Move voltage to +/- 150 for cal mode	8.75	2.75	92.00
WVF5FT	10.88					
ProbeHV	7.63					
IntTemp	7.63					
CENT	7.63		Probe_275 Probe 2 3/4 Centralizer	2.88	2.75	20.00
GR_PRB275	4.75					
CCL	3.92					
GR	2.54		GR_PRB275-probe275dig (pr050806) Probe Digital Gamma CCL	4.75	2.75	57.00

Dataset:	mr_university_square_d6.db: field/well/run1/pass3
Total Length:	19.25 ft
Total Weight:	189.00 lb
O.D.	2.75 in