HALLIBURTON

CEMENT BOND LOG

Company	KERR-MCGEE OIL & GAS ONSHORE		
Well	SWADEY 5-30		
Field	WATTENBERG		
County	WELD	State	COLORADO

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Well SWADEY 5-30
Field WATTENBERG
County WELD State COLORADO

API No.: 05-123-30353-0000 Serv #: 6896894
Location: SHL : 1503' FNL X 1444' FWL SENW
(EST) BHL: 2115' FNL X 484' FWL SWNW
Sec:30 Twp:2N Rge:68W

Other Services
PERFORATION ZONE
(7688'-7708')

Permanent Datum	GL	Elevation 4994'	Elevation
Log Measured From	KB . 15 Ft. above perm. datum		K.B. 5009'
Drilling Measured From	KB		D.F. 5008' G.L. 4994'

Date @ Time Logged	16-SEPT-2009	Type Fluid in Hole	FRESH WATER
Run No.	ONE	Density of Fluid	8.4 PPG
Depth - Driller	8270	Fluid Level	SURFACE
Depth - Logger	8241'	Cement Top Est. Logged	1298'
Bottom - Logged Interval	8228'	Equipment / Location	11014931 / BRIGHTON
Top - Log Interval	1000'	Recorded by	A. SAENZ
Max. Recorded Temp.	248 deg F	Witnessed by	LEWIS CAMP

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

Borehole Record				Casing & Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	N/A	SURFACE	TD	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 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, BRIGHTON CO 303-825-4346

LOG CORRELATED TO PSI COMPENSATED DENSITY / NEUTRON MICROLOG
DATED: 18-AUGUST-2009

DVTool @ 5349'

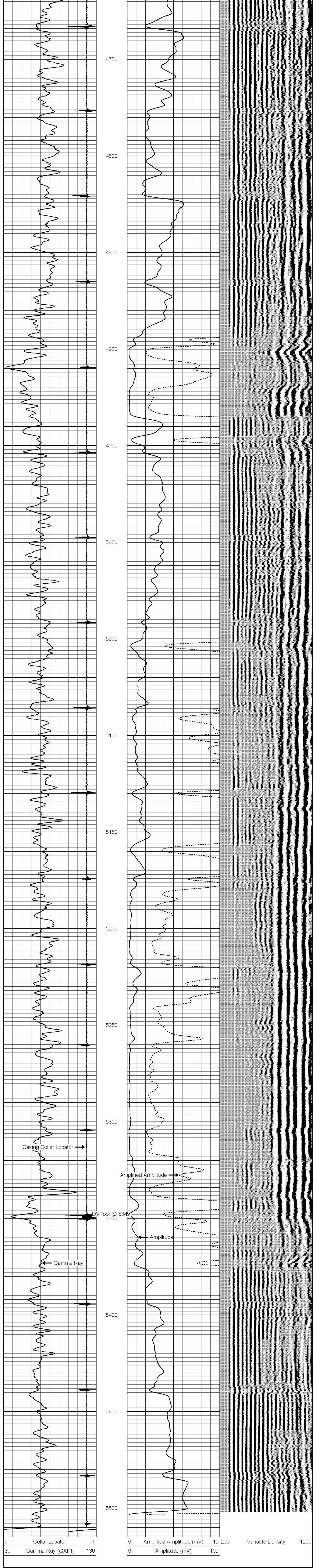
RIG: HES CRANE
YOUR CREW TODAY: K.TOWNSEND, P.THOMAS

HALLIBURTON

SUSSEX PASS UNDER LOGGED 1000 PSI

5"=100'

Database File:	anadarko sawdey 5-30.db
Dataset Pathname:	pass4
Presentation Format:	ana susx2
Dataset Creation:	Wed Sep 16 15:21:09 2009 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240



HALLIBURTON

SUSSEX PASS UNDER LOGGED 1000 PSI

5"=100'

HALLIBURTON

MAIN PASS

5"=100'

Database File: anadarko sawdey 5-30.db
Dataset Pathname: pass3
Presentation Format: ana cbl2
Dataset Creation: Wed Sep 16 14:09:35 2009 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

HALLIBURTON

MAIN PASS

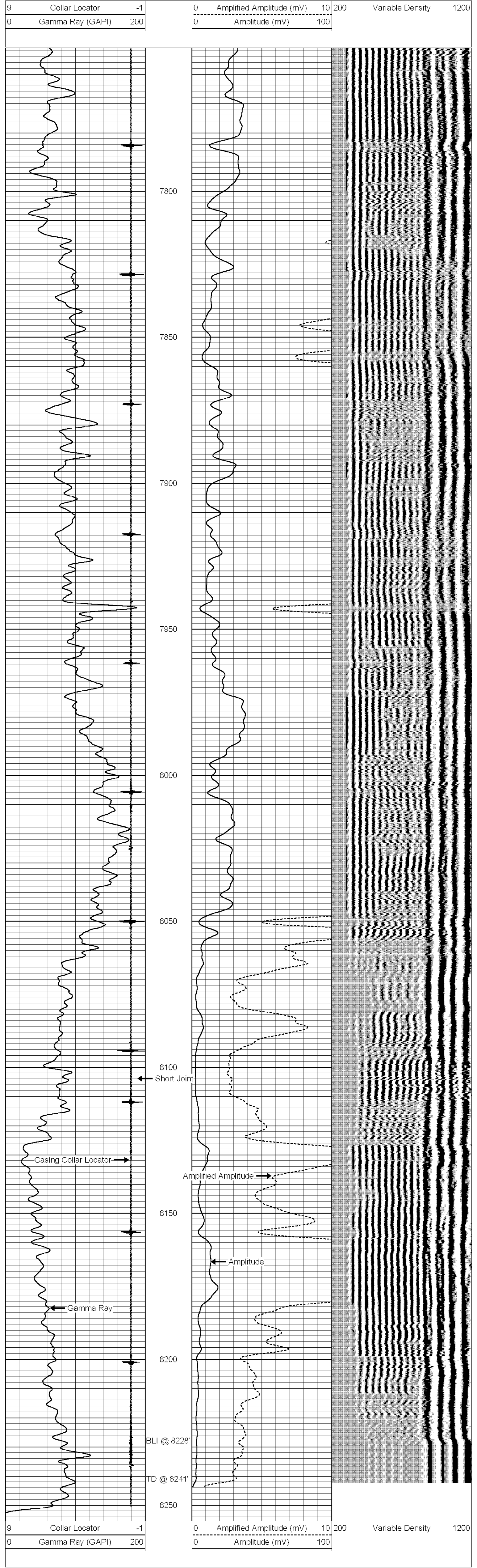
5"=100'

HALLIBURTON

J-SAND PASS

5"=100'

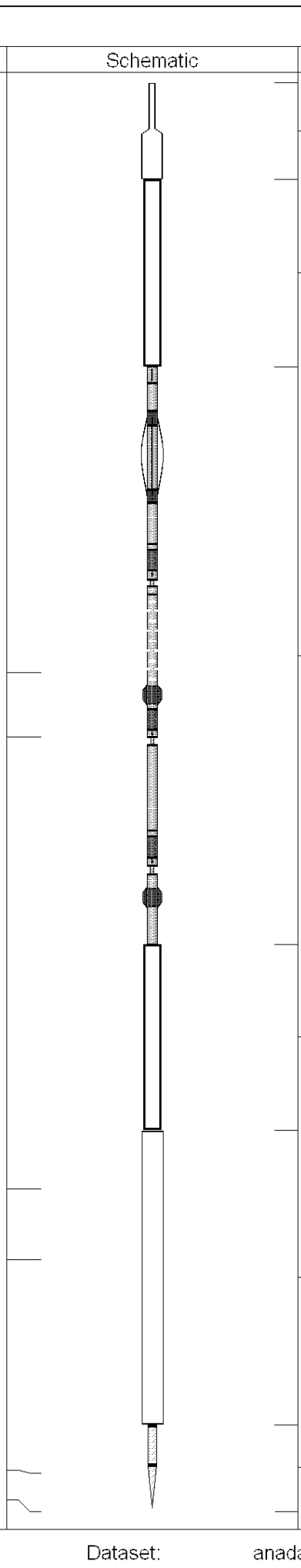
Database File: anadarko sawdey 5-30.db
Dataset Pathname: pass2
Presentation Format: ana cbl2
Dataset Creation: Wed Sep 16 14:00:25 2009 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240



HALLIBURTON

J-SAND PASS

5"=100'

Sensor	Offset (ft)	Schematic	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	12.95 11.95		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	4.97 3.88		GR-Probe (070361) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00
TEMP LLMTEN	0.58 0.00		TEMP-1.375TEMP (0001) Temperature Tool	1.33	1.38	30.00

Dataset: anadarko sawdey 5-30.db: field/well/run1/pass4
Total Length: 22.06 ft
Total Weight: 191.00 lb
O.D. 2.75 in

Company KERR-MCGEE OIL & GAS ONSHORE
Well SWADEY 5-30
Field WATTENBERG
County WELD State COLORADO

CEMENT BOND
LOG

HALLIBURTON