BRAN-DEX
WIRELINE SERVICES

GAMMA RAY CCL
CEMENT BOND VDL
SECTOR MAP

Company	ENCANA OIL & GAS USA INC.
Well	WILLIAMS 33-18
Field	WATTENBERG
County	WELD
State	CO

Company ENCANA OIL & GAS USA INC.
Well WILLIAMS 33-18
Field WATTENBERG
County WELD State CO
Location: API # :
1874' FSL & 1957' FEL
NW SE
SEC 18 TWP 2N RGE 68W

Other Services

Permanent Datum	GL	Elevation	4920
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4935
D.F. 4934
G.L. 4920

Date	FEB-7-2007
Run Number	ONE
Depth Driller	8062
Depth Logger	7998
Bottom Logged Interval	7996
Top Log Interval	3200
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	258 F
Estimated Cement Top	3300
Time Well Ready	
Time Logger on Bottom	
Equipment Number	467
Location	
Recorded By	MEISNER
Witnessed By	GARY CUMMINGS

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5			
Liner				

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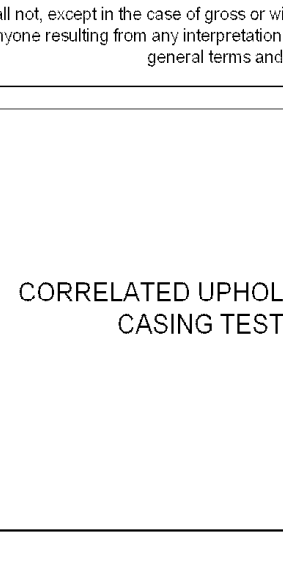
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

CORRELATED UPHOLE 2' TO PSI OPENHOLE DATED 1-29-2007
CASING TESTED PRIOR TO CASED HOLE LOG



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		CCL-S_101 (101)	2.92	1.69	11.00
CCL	18.71				
		CENT-TEKCO (101)	2.73	2.75	10.00
WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF3FT WVF5FT	11.94 11.94 11.94 11.94 11.94 11.94 11.94 11.94 11.19 10.19	SCBL-TEKCO-CT (101) TEKCO 2.75 RIB - CT	9.08	2.75	108.00
WVFCAL	6.90				
		CENT-TEKCO (102)	2.73	2.75	10.00
		GR-S_101 (101)	4.17	1.69	25.00
GR	1.50				

Dataset: /field/well/run/_plots_/_jobs_/job1
Total Length: 21.63 ft
Total Weight: 164.00 lb
O.D. 2.75 in

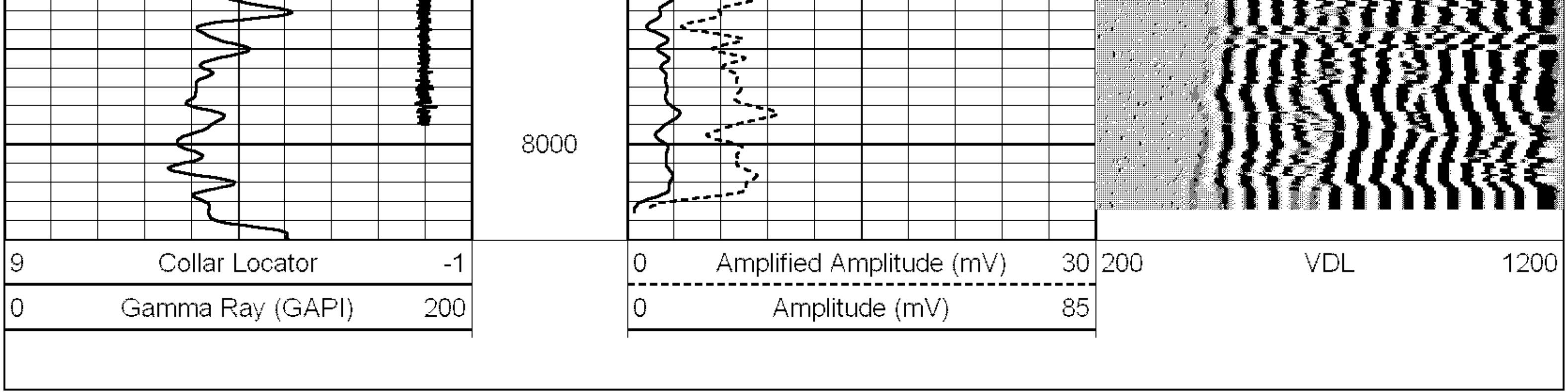
Database File: williams 33-18.db
Dataset Pathname: pass7
Presentation Format: scbl_dr
Dataset Creation: Wed Feb 07 13:30:42 2007 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
30 Gamma Ray (GAPI) 200	0 Amplitude (mV) 85	

9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
30 Gamma Ray (GAPI) 200	0 Amplitude (mV) 85	

Database File: williams 33-18.db
Dataset Pathname: pass6
Presentation Format: scbl_dr
Dataset Creation: Wed Feb 07 12:49:44 2007 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 200	0 Amplitude (mV) 85	


8000
9 Collar Locator -1
0 Gamma Ray (GAPI) 200
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 85
200 VDL 1200