BRAN-DEX
WIRELINE SERVICES

GAMMA RAY CCL CEMENT BOND VDL

Company ENCANA OIL AND GAS (USA) INC.
Well WARDELL 6-4-7
Field WATTENBERG
County WELD
State COLORADO

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Well WARDELL 6-4-7
Field WATTENBERG
County WELD State COLORADO
Location: API # :
SHL: 1805' FSL & 852' FEL NE SE
BHL: 2590' FSL & 1330' FEL NW SE
SEC 7 TWP 3N RGE 65W
Other Services

Permanent Datum GL Elevation 4853
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4869
D.F. 4868
G.L. 4853

Date	NOVEMBER 10, 2006
Run Number	ONE
Depth Driller	8023
Depth Logger	7999
Bottom Logged Interval	7997
Top Log Interval	
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	263
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	504
Location	STERLING
Recorded By	FRANKE
Witnessed By	CECIL CLARK

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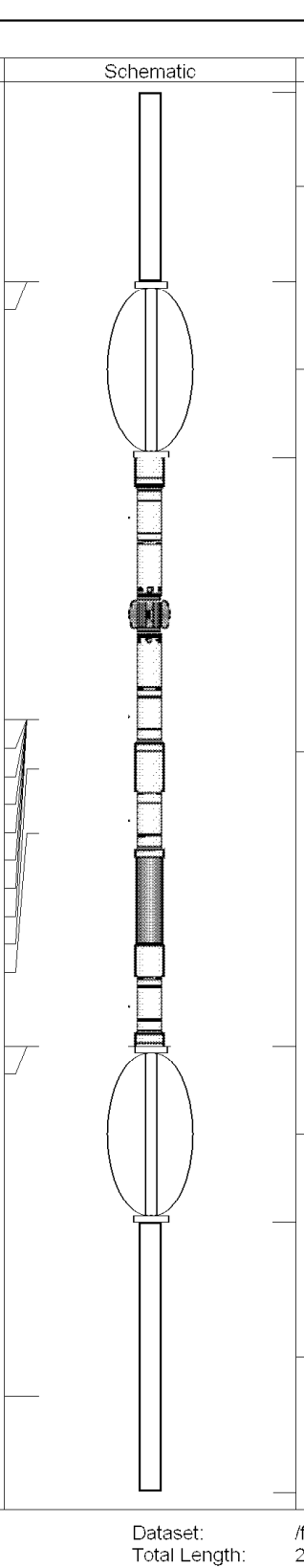
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

LOG RUN UNDER 1500PSI

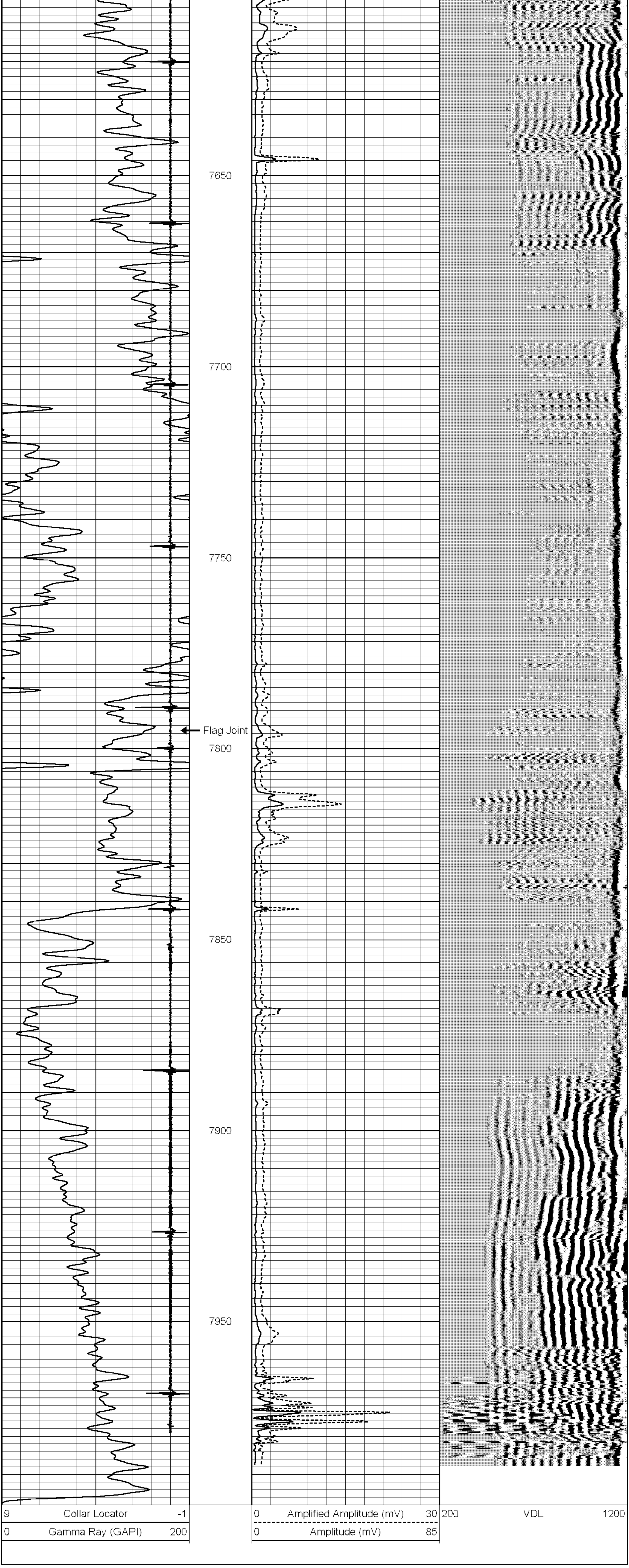


Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		CCL-S_101 (101)	2.92	1.69	11.00
CCL CENT	18.71 18.71				
		CENT-TEKCO (101)	2.73	2.75	10.00
WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF3FT WVF5FT	11.94 11.94 11.94 11.94 11.94 11.94 11.94 11.94 11.19 10.19	SCBL-TEKCO-CT (101) TEKCO 2.75 RIB - CT	9.08	2.75	108.00
WVFCAL CENT	6.90 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_/job1VDL
Total Length: 21.63 ft
Total Weight: 164.00 lb
O.D. 2.75 in

Database File: cec.db
Dataset Pathname: pass6
Presentation Format: scbl_dr
Dataset Creation: Fri Nov 10 15:52:44 2006 by Log Std Casedhole 05111
Charted by: Depth in Feet scaled 1:240

Database File: cec.db
Dataset Pathname: pass5
Presentation Format: scbl_dr
Dataset Creation: Fri Nov 10 15:17:57 2006 by Log Std Casedhole 05111
Charted by: Depth in Feet scaled 1:240


7650
7700
7750
Flag Joint
7800
7850
7900
7950
9 Collar Locator -1
0 Gamma Ray (GAPI) 200
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 85
200 VDL 1200