Company	ENCANA OIL & GAS USA INC.
Well	WILLIIAMS 34-18
Field	WATTENBERG
County	WELD
State	CO

BRAN-DEX
WIRELINE SERVICES

GAMMA RAY CCL CEMENT BOND VDL SECTOR MAP LOG

Company ENCANA OIL & GAS USA INC.
Well WILLIAMS 34-18
Field WATTENBERG
County WELD State CO
Location: API # :
SHL: 630' FSL & 1958' FEL NWSE
BHL: 630' FSL & 1945' FEL SWSE
SEC 18 TWP 2N RGE 68W

Other Services
PERFORATE

Permanent Datum	GL	Elevation 4920	Elevation K.B. 4935 D.F. 4934 G.L. 4920
Log Measured From	KB		
Drilling Measured From	KB		

Date	6-FEB-2007	
Run Number	ONE	
Depth Driller	8187	
Depth Logger	8136	
Bottom Logged Interval	8120	
Top Log Interval	3550	
Open Hole Size		
Type Fluid	WATER	
Density / Viscosity		
Max. Recorded Temp.	176 F	
Estimated Cement Top	3650	
Time Well Ready		
Time Logger on Bottom		
Equipment Number	467	
Location	STERLING	
Recorded By	MEISNER	
Witnessed By	GARY CUMMINGS	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

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

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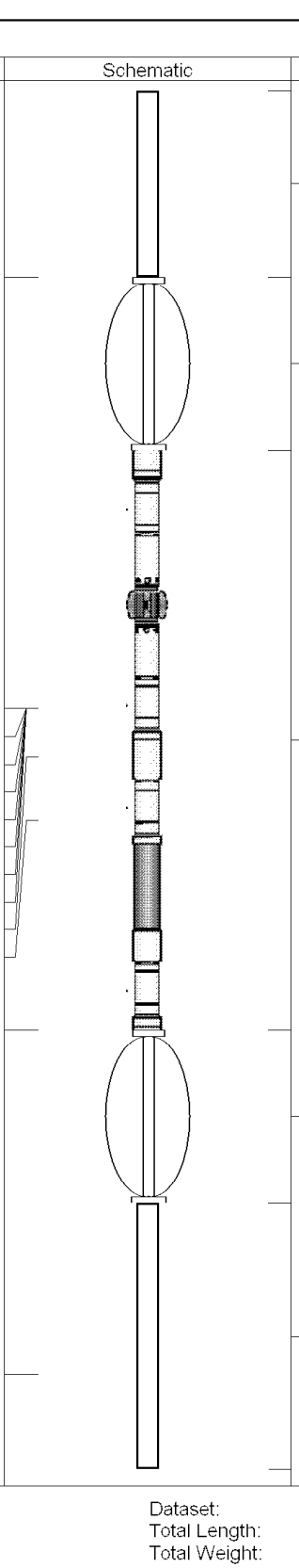
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 4 FEET TO PSI OPENHOLE LOG DATED 1-19-2007
CASING HAD ALREADY BEEN TESTED PRIOR TO BOND LOG.

Sensor	Offset (ft)
CCL	18.71
WVFS1	11.94
WVFS2	11.94
WVFS3	11.94
WVFS4	11.94
WVFS5	11.94
WVFS6	11.94
WVFS7	11.94
WVFS8	11.94
WVF3FT	11.19
WVF5FT	10.19
WVFCAL	6.90
GR	1.50

Schematic



Description	Len (ft)	OD (in)	Wt (lb)
CCL-S_101 (101)	2.92	1.69	11.00
CENT-TEKCO (101)	2.73	2.75	10.00
SCBL-TEKCO-CT (101) TEKCO 2.75 RIB - CT	9.08	2.75	108.00
CENT-TEKCO (102)	2.73	2.75	10.00
GR-S_101 (101)	4.17	1.69	25.00

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 34-18.db
Dataset Pathname:	pass6
Presentation Format:	scbl_dr
Dataset Creation:	Tue Feb 06 08:26:22 2007 by Log Warrior 7.0 STD Cas
Charted by:	Depth in Feet scaled 1:240

9 Collar Locator -1
50 Gamma Ray (GAPI) 200
0 Line Speed (ft/min) 100
0 Amplitude (mV) 100
200 VDL 1200

9 Collar Locator -1
50 Gamma Ray (GAPI) 200
0 Line Speed (ft/min) 100
0 Amplitude (mV) 100
200 VDL 1200

Database File:	williams 34-18.db
Dataset Pathname:	pass5
Presentation Format:	scbl_dr
Dataset Creation:	Tue Feb 06 08:01:27 2007 by Log Warrior 7.0 STD Cas
Charted by:	Depth in Feet scaled 1:240

9 Collar Locator -1
30 Gamma Ray (GAPI) 230
0 Line Speed (ft/min) 100
0 Amplitude (mV) 100
200 VDL 1200

9 Collar Locator -1
30 Gamma Ray (GAPI) 230
0 Line Speed (ft/min) 100
0 Amplitude (mV) 100
200 VDL 1200

Database File:	williams 34-18.db
Dataset Pathname:	pass4
Presentation Format:	scbl_dr
Dataset Creation:	Tue Feb 06 07:51:27 2007 by Log Warrior 7.0 STD Cas
Charted by:	Depth in Feet scaled 1:240

9 Collar Locator -1
0 Amplitude (mV) 100
200 VDL 1200

0
Gamma Ray (GAPI)
200
0
Line Speed (ft/min)
100
7650
7700
7750
7800
7850
7900
7950
FLAG
8000
8050
8100
9
Collar Locator
-1
0
Gamma Ray (GAPI)
200
0
Line Speed (ft/min)
100
0
Amplitude (mV)
100
200
VDL
1200