BRAN-DEX

WIRELINE SERVICES

GAMMA RAY CCL
CEMENT BOND VDL
SECTOR MAP

Company ENCANA OIL & GAS USA INC.
Well WHEELER 31-1
Field WATTENBERG
County BOULDER
State CO

Company	ENCANA OIL & GAS USA INC.		
Well	WHEELER 31-1		
Field	WATTENBERG		
County	BOULDER	State	CO

Location: API # :

SHL: 1940' FNL & 2205' FEL SW NE
BHL: 650' FNL & 2018' FEL NW NE

SEC 1 TWP 1N RGE 69W

Other Services
PERFORATE

Permanent Datum	GL	Elevation	4965
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4977
D.F. 4976
G.L. 4965

Date	MARCH-15-2007		
Run Number	ONE		
Depth Driller	8265		
Depth Logger	8230		
Bottom Logged Interval	8220		
Top Log Interval	3800		
Open Hole Size	-----		
Type Fluid	WATER		
Density / Viscosity	-----		
Max. Recorded Temp.	247 F		
Estimated Cement Top	3920		
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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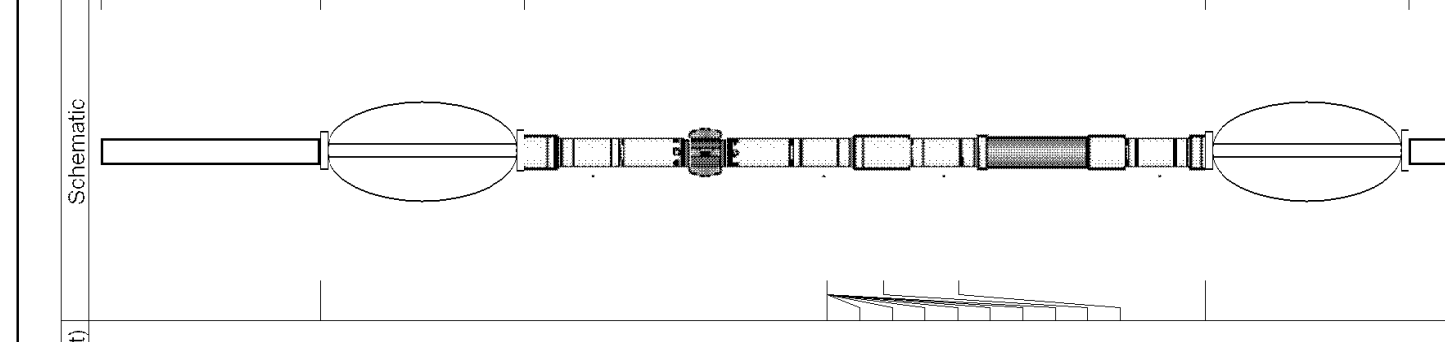
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 11' TO PSI OPENHOLE DATED 3-11-2007
LOGGED UNDER 1000 PSI

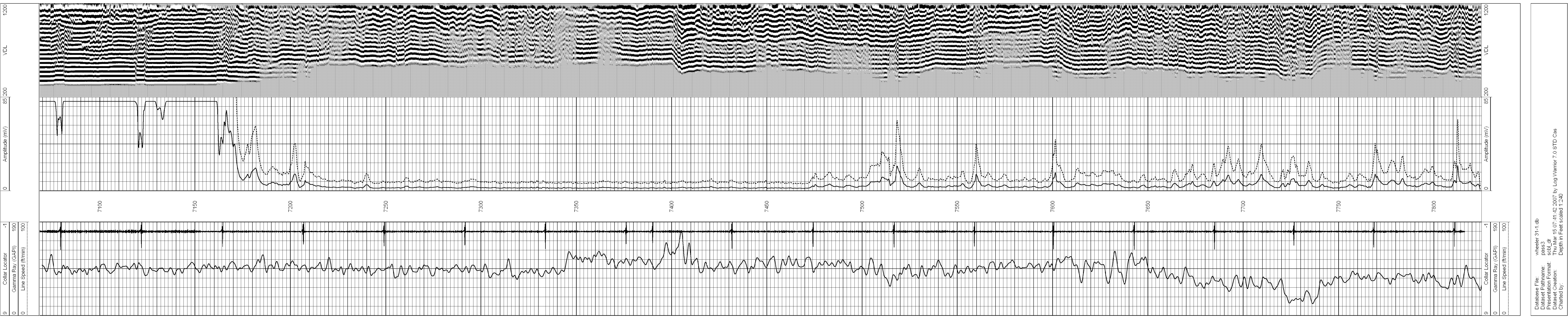


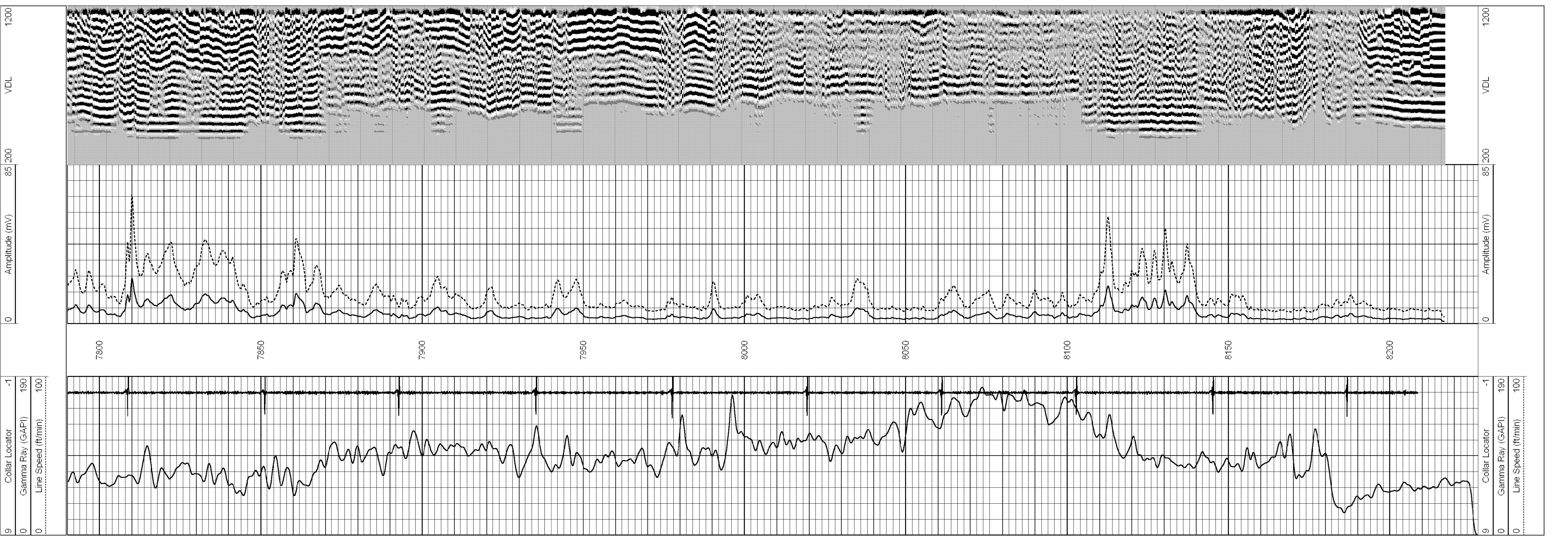
Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
CCL	18.71	CCL-S_101 (101)	2.92	1.69	11.00
		CENT-TEKCO (101)	2.73	2.75	10.00
WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF3FT WVF5FT	11.94 11.94 11.94 11.94 11.94 11.94 11.94 11.94 11.19 10.19	SCBL-TEKCO-CT (101) TEKCO 2.75 RIB - CT	9.08	2.75	108.00
WVFCAL	6.90	CENT-TEKCO (102)	2.73	2.75	10.00
GR	1.50	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: wheeler 31-1.db
Dataset Pathname: pass5
Presentation Format: scbl_dr
Dataset Creation: Thu Mar 15 08:14:02 2007 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

Database File: wheeler 31-1.db
Dataset Pathname: pass4
Presentation Format: scbl_dr
Dataset Creation: Thu Mar 15 07:53:45 2007 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240



Database File: wheeler 31-1.db
Dataset Pathname: pass3
Presentation Format: scbl_dr
Dataset Creation: Thu Mar 15 07:41:42 2007 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240