BRAN-DEX
WIRELINE SERVICES

GAMMA RAY CCL CEMENT BOND VDL SECTOR MAP

Company	ENCANA OIL & GAS USA INC.
Well	JOHNSON 21-12
Field	WATTENBERG
County	WELD
State	CO

Company ENCANA OIL & GAS USA INC.
Well JOHNSON 21-12
Field WATTENBERG
County WELD State CO
Location: API # :
670' FNL & 2051' FWL
NE NW
SEC TWP RGE
Other Services
PERFORATE

Permanent Datum	GL	Elevation	Elevation
Log Measured From	KB		K.B. 4866
Drilling Measured From	KB	KB	D.F. 4865
			G.L. 4851

Date	FEB-15-2007
Run Number	ONE
Depth Driller	7955
Depth Logger	7890
Bottom Logged Interval	7886
Top Log Interval	3500
Open Hole Size	--------
Type Fluid	WATER
Density / Viscosity	--------
Max. Recorded Temp.	267
Estimated Cement Top	3600
Time Well Ready	--------
Time Logger on Bottom	--------
Equipment Number	467
Location	--------
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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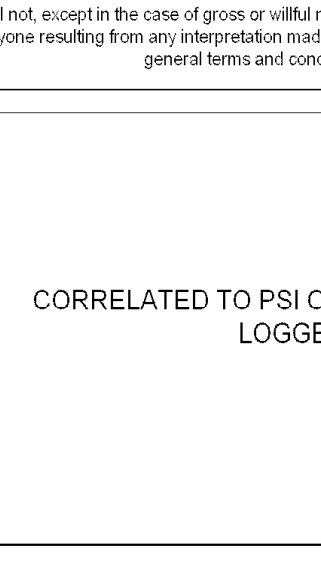
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 TO PSI OPENHOLE LOG DATED FEB-10-2007
LOGGED UNDER 1000 PSI



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: johnson 21-12.db
Dataset Pathname: pass3
Presentation Format: scbl_dr
Dataset Creation: Thu Feb 15 13:54:38 2007 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1
0	Gamma Ray (GAPI)	190
0	Line Speed (ft/min)	100
0	Amplitude (mV)	85
200	VDL	1200

9	Collar Locator	-1
0	Gamma Ray (GAPI)	190
0	Line Speed (ft/min)	100
0	Amplitude (mV)	85
200	VDL	1200

Database File: johnson 21-12.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Thu Feb 15 13:19:14 2007 by Log Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1
0	Gamma Ray (GAPI)	230
0	Line Speed (ft/min)	100
0	Amplitude (mV)	85
200	VDL	1200

9	Collar Locator	-1
0	Gamma Ray (GAPI)	230
0	Line Speed (ft/min)	100
0	Amplitude (mV)	85
200	VDL	1200