PIONEER
Pioneer Energy Services

RADIAL SECTOR BOND LOG WITH GAMMA RAY

Company	EnCana Oil & Gas (USA) Inc.		
Well	Ruhl 1D-32H-B264		
Field	Wattenberg		
County	Weld		
State	Colorado	Country	USA

Location:
API #: 05-123-40282-00
SHL: 313' FNL 2291' FEL NWNE
SEC 32 TWP 2N RGE 64W

Other Services: None

Permanent Datum	GL	Elevation	4980
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5005
D.F. 5005
G.L. 4980

Company EnCana Oil & Gas (USA) Inc.
Well Ruhl 1D-32H-B264
Field Wattenberg
County Weld
State Colorado Country USA

Date	January 11, 2015
Run Number	1
Depth Driller	11619
Depth Logger	7150
Bottom Logged Interval	7150
Top Log Interval	0
Open Hole Size	8-3/4"
Type Fluid	WBM
Density / Viscosity	11.1 / 39
Max. Recorded Temp.	NA
Estimated Cement Top	895
Time Well Ready	0930
Time Logger on Bottom	1000
Equipment Number	48
Location	Ft. Morgan, CO
Recorded By	Clint Christensen
Witnessed By	Joe Nielson

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	7"	26 lbs	0	7376'
Liner				

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

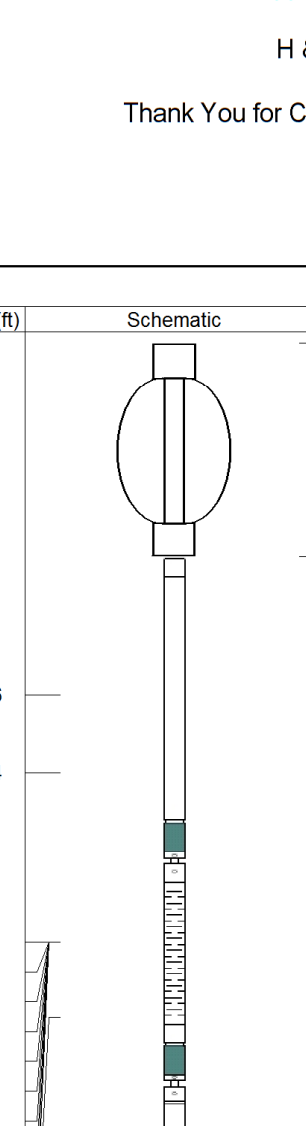
RBL logged Under 0 PSI

Logged Correlated to 7" Tally

H & P Drilling Rig #278

Thank You for Choosing Pioneer Energy Services.

SO#2-013838



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		CENT #2 -A (1)	2.83	2.75	20.00
IntTemp	14.66				
TEMP	13.64				
WVF3FT	11.41	RBT-RBT-C3 (11206) Probe Radii Bond Tool with Digital Telemetry	9.33	2.75	90.00
WVFCAL	11.41				
WVFS1	11.41				
WVFS2	11.41				
WVFS3	11.41				
WVFS4	11.41				
WVFS5	11.41				
WVFS6	11.41				
WVFS7	11.41				
WVFS8	11.41				
WVF5FT	10.41				
		CENT-A (1)	2.83	2.75	20.00
CCL	3.92				
GR	1.13	GR-probe 2.75 (111205) proble Digital CCL Gamma	4.33	2.75	100.00

Dataset: 13838.db: field/well/run1/final2
Total Length: 19.32 ft
Total Weight: 230.00 lb
O.D. 2.75 in

Database File: 13838.db
Dataset Pathname: Final
Presentation Format: scbl02
Dataset Creation: Sun Jan 11 11:13:05 2015 by Calc 0
Charted by: Depth in Feet scaled 1:240

Log Variables

Database:C:\Warrior\Data\13838.db
Dataset: field/well/run1/pass2

Top - Bottom

XXXX	PPT usec	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	SRFTEMP degF	CASEOD in
0	0	26	0	1	0.08	0	7

PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
0	0	204	8.75