J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL

Company	BAYSWATER E&P LLC
Well	BOOTH J-26H
Field	WATTENBERG
County	WELD
State	COLO

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Well BOOTH J-26H
Field WATTENBERG
County WELD State COLO
Location: API # : 05-123-36087-0000
NWNE
SEC 26 TWP 7N RGE 65W

Other Services

Permanent Datum	GL	Elevation	4892	Elevation K.B. 4915 D.F. G.L. 4892
Log Measured From	KB			
Drilling Measured From	KB			

Date	JUNE-24-2014	
Run Number	ONE	
Depth Driller	11950	
Depth Logger	6750	
Bottom Logged Interval	6750	
Top Log Interval	500	
Open Hole Size	8 3/4	
Type Fluid	WATER	
Density / Viscosity	-------	
Max. Recorded Temp.	-------	
Estimated Cement Top	810	
Time Well Ready	14:30	
Time Logger on Bottom	15:10	
Equipment Number	2833	
Location	STERLING, CO	
Recorded By	KYLE GIRDLER	
Witnessed By	CHRIS	

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8	36#	SURFACE	751
Prot. String				
Production String	7"	26#	SUFRACE	7609
Liner	4.5	11.6#	7291	11946

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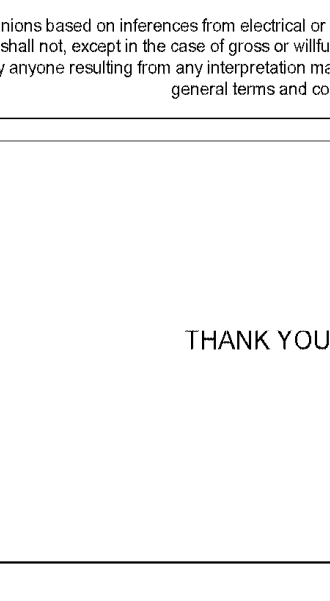
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

THANK YOU FOR USING J-W WIRELINE

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT-Probe (Probe1) PROBE 2.75 CENT	3.00	2.75	25.00
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 11.00		RBT-Probe (4.5040904) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
			CENT-Probe (Probe2) PROBE 2.75 CENT	3.00	2.75	25.00
CCL	3.92					
GR	2.54		GR-Probe275dig (pr051112) Probe Digital Gamma CCL	4.75	2.75	57.00

Dataset: booth j-26h log.db: field/well/run1/pass15
Total Length: 19.67 ft
Total Weight: 197.00 lb
O.D. 2.75 in

Database File: booth j-26h log.db
Dataset Pathname: pass15
Presentation Format: scbl_dr
Dataset Creation: Tue Jun 24 15:12:36 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 Amplitude (mV) 100	200 VDL 1200
0 Gamma Ray (GAPI) 250		
0 Line Speed (ft/min) 100		

Calibration Report

Database File: booth j-26h log.db
Dataset Pathname: pass15
Dataset Creation: Tue Jun 24 15:12:36 2014 by Log 7.0 B1

Gamma Ray Calibration Report

Type / Serial: Probe275dig / pr051112

SHOP CALIBRATION Sun Jun 13 13:33:21 1993

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		1.0000			GAPI/cps

PRIMARY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 4.5040904
Tool Model: Probe

Calibration Casing Diameter: 7.000 in
Calibration Depth: 509.017 ft

Master Calibration, performed Tue Jun 24 14:48:08 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.166	1.000	62.165	52.465	1.000
CAL	0.000	1.835				
5'	0.000	1.176	1.000	62.165	52.031	1.000
SUM						
S1	0.000	1.150	0.000	62.000	53.891	0.000
S2	0.000	1.222	0.000	62.000	50.738	0.000
S3	0.000	1.224	0.000	62.000	50.656	0.000
S4	0.000	1.205	0.000	62.000	51.454	0.000
S5	0.000	1.161	0.000	62.000	53.399	0.000
S6	0.000	1.121	0.000	62.000	55.300	0.000
S7	0.000	1.098	0.000	62.000	56.454	0.000
S8	0.000	1.114	0.000	62.000	55.656	0.000

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.835	1.000	0.000

Air Zero Calibration, performed Wed Jul 10 16:38:10 2013:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000