J-W WIRELINE COMPANY

Company BAYSWATER EXPLORATION & PROD. LLC
Well IRVINE 15-22
Field WATTENBERG
County WELD
State COLORADO

CEMENT BOND
GAMMA RAY
COLLAR CORRELATION LOG

Company BAYSWATER EXPLORATION & PROD. LLC
Well IRVINE 15-22
Field WATTENBERG
County WELD State COLORADO
Location: API #: 05-123-34197-00
733' FSL & 1902' FEL
SW/SE
SEC 22 TWP 7N RGE 64W
Other Services
PERF

Permanent Datum GROUND LEVEL Elevation 4857
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4868
D.F. 4867
G.L. 4857

Date	06-OCT-2011
Run Number	ONE
Depth Driller	7330
Depth Logger	7275
Bottom Logged Interval	7274
Top Log Interval	20
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	---
Max. Recorded Temp.	228 F
Estimated Cement Top	234
Time Well Ready	ROA
Time Logger on Bottom	---
Equipment Number	2337 / 1
Location	BRIGHTON
Recorded By	GREG JACKSON
Witnessed By	MR. RICK OHLEMEIER

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 1/2	11.6	SURFACE	TOTAL DEPTH
Liner				

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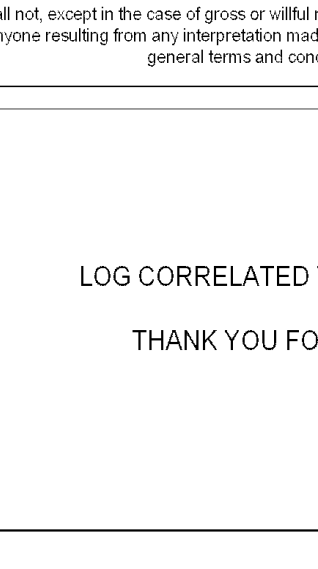
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

LOG CORRELATED TO HRI/CDN DATED 22-SEP-2011

THANK YOU FOR CHOOSING J-W WIRELINE

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	20.25		CCL-169TEKCO (169) 1 11/16" Tekco Logging	1.67	1.69	20.00
			CENT-TekCo (1 11/16 Adj.) (001) 1 11/16" Tekco Cent	2.92	1.69	10.00
WVF3 WVF5	11.00 10.17		CBL-3-5tekco169 (1) 1 11/16 Tekco w/o Temp	9.75	1.69	70.00
			CENT-TekCo (1 11/16 Adj.) (002) 1 11/16" Tekco Cent	2.92	1.69	10.00
GR	1.00		GR-1.69TEKCO (576) 1 11/16 Tekco Logging GR	3.83	1.69	50.00

Dataset: irvine 15-22_cbl.db: field/well/run1/pass1
Total Length: 21.08 ft
Total Weight: 160.00 lb
O.D. 1.69 in

J-W WIRELINE COMPANY

MAIN PASS

ZERO PSI @ SURFACE

Database File:	irvine 15-22_cbl.db
Dataset Pathname:	pass2
Presentation Format:	cblx
Dataset Creation:	Thu Oct 06 11:43:42 2011 by Log Std Casedhole 10121
Charted by:	Depth in Feet scaled 1:240

30	Gamma Ray (GAPI)	130
5	Collar Locator	-0.25
300	TT3 (usec)	200

0	3' Amplitude (mV)	100	200	Variable Density	1200
0	Amplified Amplitude (mV)	30			

30	Gamma Ray (GAPI)	130	0	3' Amplitude (mV)	100	200	Variable Density	1200
5	Collar Locator	-0.25	0	Amplified Amplitude (mV)	30			
300	TT3 (usec)	200						

J-W WIRELINE COMPANY

MAIN PASS - ZERO PSI @ SURFACE

LOG SPLIT FOR CORRELATION

Database File:	irvine 15-22_cbl.db
Dataset Pathname:	pass1
Presentation Format:	cblx
Dataset Creation:	Thu Oct 06 11:15:18 2011 by Log Std Casedhole 10121
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	180	0	3' Amplitude (mV)	100	200	Variable Density	1200
5	Collar Locator	-0.25	0	Amplified Amplitude (mV)	30			
300	TT3 (usec)	200						

0	Gamma Ray (GAPI)	180	0	3' Amplitude (mV)	100	200	Variable Density	1200
5	Collar Locator	-0.25	0	Amplified Amplitude (mV)	30			
300	TT3 (usec)	200						

Calibration Report

Database File:	irvine 15-22_cbl.db
Dataset Pathname:	pass1
Dataset Creation:	Thu Oct 06 11:15:18 2011 by Log Std Casedhole 10121

Gamma Ray Calibration Report

Serial Number:	576	
Tool Model:	1.69TEKCO	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	1		
Tool Model:	3-5tekco169		
Performed:	Thu Oct 06 11:14:01 2011		
Depth:	212.075	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	3	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	0.3	0.03	V
Reading in Free Pipe:	2.41003	2.3271	V

G

O

ain:
ffset:

37.0592
-8.11777

3

-

5.3472
1.06042