Company	BONANZA CREEK OPERATING CO. LLC
Well	NORTH PLATTE 41-34
Field	WATTENBERG
County	WELD
State	COLORADO

CEMENT BOND GAMMA RAY COLLAR CORRELATION LOG

J-W WIRELINE COMPANY

Company	BONANZA CREEK OPERATING CO. LLC
Well	NORTH PLATTE 41-34
Field	WATTENBERG
County	WELD
State	COLORADO
API #:	05-123-30518-00
Location:	660' FNL & 660' FEL NE/NE
	SEC 34 TWP 5N RGE 63W
Other Services	NONE

Permanent Datum	GROUND LEVEL	Elevation 4535	Elevation
Log Measured From	KELLY BUSHING		K.B. 4545
Drilling Measured From	KELLY BUSHING		D.F. 4544 G.L. 4535

Date	15-JUN-2010
Run Number	ONE
Depth Driller	6650
Depth Logger	6606
Bottom Logged Interval	6605 / 4122
Top Log Interval	5600 / 2370
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	--
Max. Recorded Temp.	220 F
Estimated Cement Top	5744 / 2510
Time Well Ready	--
Time Logger on Bottom	--
Equipment Number	2337/CR29/25-266
Location	BRIGHTON
Recorded By	GREG JACKSON
Witnessed By	MR. KURT DODGE

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 CDN/DIL DATED 05-JUN-2010

THANK YOU FOR CHOOSING J-W WIRELINE!

J-W WIRELINE COMPANY

MAIN PASS

UPPER SECTION

Database File: north platte 41-34_cbl.db
Dataset Pathname: pass3
Presentation Format: scbl_dr
Dataset Creation: Tue Jun 15 11:01:16 2010 by Log Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

14	Collar Locator	-1	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
30	Gamma Ray (GAPI)	130	0	3' Amplitude (mV)	100			
310	TT3FT (usec)	210						

14	Collar Locator	-1	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
30	Gamma Ray (GAPI)	130	0	3' Amplitude (mV)	100			
310	TT3FT (usec)	210						

J-W WIRELINE COMPANY

MAIN PASS

LOWER SECTION

Database File: north platte 41-34_cbl.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Tue Jun 15 10:40:38 2010 by Log Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

14	Collar Locator	-1	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	180	0	3' Amplitude (mV)	100			
310	TT3FT (usec)	210						

14	Collar Locator	-1	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	180	0	3' Amplitude (mV)	100			
310	TT3FT (usec)	210						

Calibration Report

Database File: north platte 41-34_cbl.db
Dataset Pathname: pass2
Dataset Creation: Tue Jun 15 10:40:38 2010 by Log Std Casedhole 08121

Gamma Ray Calibration Report

Serial Number:	101SGR	
Tool Model:	TEKCO	
Performed:	Sun Jun 13 14:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	TEKTMP001	
Tool Model:	TEK2DELTEMP	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	5571.708	ft

Master Calibration, performed Tue Jun 15 10:36:31 2010:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.030	2.118	3.000	81.196	37.459	1.876
CAL	0.030	0.281				
5'	0.030	2.444	3.000	81.196	32.395	2.028
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Internal Reference Calibration, performed Fri Aug 31 11:59:29 2007:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.030	0.281	1.000	0.000

Air Zero Calibration, performed Wed Dec 31 18:00:00 1969:

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

Temperature Calibration Report

Serial Number:	TEKTMP001			
Tool Model:	TEK2DELTEMP			
Performed:	Mon Jan 11 09:09:20 2010			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	usec
High Reference:	1.00	degF	1.00	usec
Gain:	0.33			
Offset:	-37.00			
Delta Spacing	2			