NABORS
COMPLETION
& PRODUCTION
SERVICES CO.

RADIAL BOND LOG
GAMMA RAY C C L
V D L

Company	NOBLE ENERGY INC.	Company	NOBLE ENERGY INC.	
Well	SHELTON G25-75HN	Well	SHELTON G25-75HN	
Field	WATTENBERG	Field	WATTENBERG	
County	WELD	County	WELD	State COLORADO
State	COLORADO			

Location: API # : 05123355410000

NW NE
BHL: 535' FSL & 2580' FEL

SEC 25 TWP 4N RGE 65W

Other Services

Permanent Datum	GL	Elevation	4794
Log Measured From	KB 30'		
Drilling Measured From	KB		

Elevation
K.B. 4824
D.F. 4823
G.L. 4794

Date	January 22, 2013		
Run Number	One		
Depth Driller	11,061		
Depth Logger	7188		
Bottom Logged Interval	7187		
Top Log Interval	Surface		
Casing Size	7.00"		
Type Fluid	Water		
Max. Recorded Temp.	224 deg F		
Estimated Cement Top	510 est.		
Time Well Ready	Crane		
Time Logger On Bottom	PM		
Unit Number	4367	4515	
Tool Size / ID Number	2.75 Probe 101020	2.75 Probe 110785	
Location	45	Platteville, CO	
Recorded By	K. Monaghan		
Witnessed By	M. Pratt		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36 lb/ft J-55	Surface	682.4
Prot. String				
Production String	7.00"	26 lb/ft HCP-110	Surface	7381.9
Liner	4.50"	11.6 lb/ft P-110	7289.3	11,046

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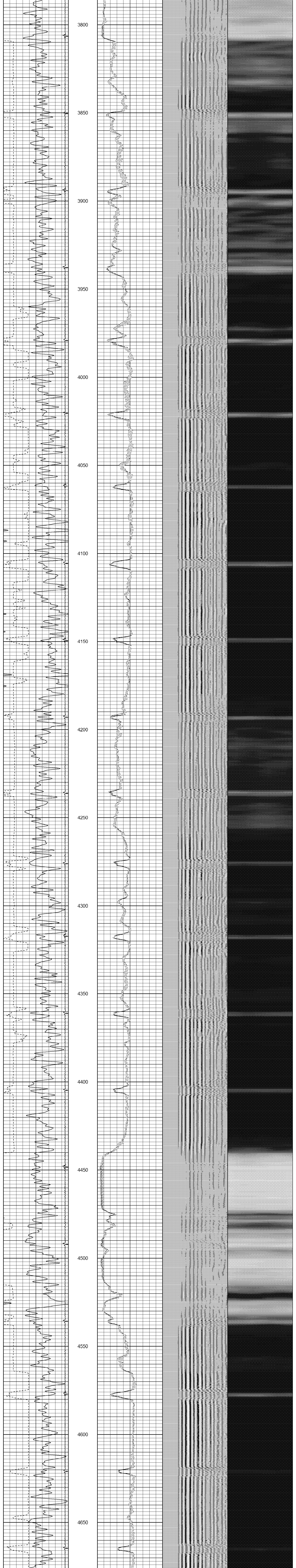
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Choosing Nabors Completion and Production Services CO!!
API# 05-123-35541-0000
Wireline Zero @ 30' KB
LOG NOT CORRELATED!!!
Directions: 42 & 49, W 1/2, S Into
(Center / West Well of 4 Well Pad)

Database File: scblshelton g25-75hn.db
Dataset Pathname: pass3
Presentation Format: sector1
Dataset Creation: Tue Jan 22 14:18:40 2013 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240



Database File: scblshelton g25-75hn.db
Dataset Pathname: pass2
Presentation Format: sector1
Dataset Creation: Tue Jan 22 13:54:22 2013 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

Calibration Report

Database File: scblshelton g25-75hn.db
Dataset Pathname: pass3
Dataset Creation: Tue Jan 22 14:18:40 2013 by Log SCH 120430

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 110785

	Counts/Sec.	Gain	Offset	Jig	Units
SHOP CALIBRATION	Tue Jan 22 14:19:21 2013				
Background	0.0				cps
Calibrator	1.0				cps
		0.6000			GAPI/cps
PRIMARY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI
BEFORE SURVEY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI
AFTER SURVEY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number:	101020	
Tool Model:	Probe	
Calibration Casing Diameter:	7.000	in
Calibration Depth:	467.508	ft

Master Calibration, performed Tue Jan 22 13:32:30 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.012	0.861	0.900	62.165	70.211	1.718
CAL	-0.012	1.341				
5'	-0.012	0.985	0.900	62.165	61.453	1.623
SUM						
S1	-0.012	0.986	0.000	62.165	62.265	0.741
S2	-0.012	0.951	0.000	62.165	64.549	0.752
S3	-0.012	0.875	0.000	62.165	70.097	0.833
S4	-0.012	0.794	0.000	62.165	77.133	0.902
S5	-0.012	0.727	0.000	62.165	84.198	0.986
S6	-0.012	0.725	0.000	62.165	84.394	0.995
S7	-0.012	0.831	0.000	62.165	73.803	0.864
S8	-0.012	0.954	0.000	62.165	64.378	0.772

Internal Reference Calibration, performed Tue Jan 22 13:33:55 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	-0.012	1.341	-0.012	1.341	1.000	0.000

Air Zero Calibration, performed Mon Jan 21 14:54:05 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