NABORS
COMPLETION & PRODUCTION SERVICES CO.

RADIAL BOND LOG
GAMMA RAY C C L
V D L

Company	NOBLE ENERGY INC.		
Well	SHELTON G25-75HN		
Field	WATTENBERG		
County	WELD	State	COLORADO
Location:	API #: 05123355410000 NW NE BHL: 535' FSL & 2580' FEL		Other Services
SEC 25	TWP 4N	RGE 65W	
Permanent Datum	GL	Elevation 4794	Elevation K.B. 4824 D.F. 4823 G.L. 4794
Log Measured From	KB 30'		
Drilling Measured From	KB		

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

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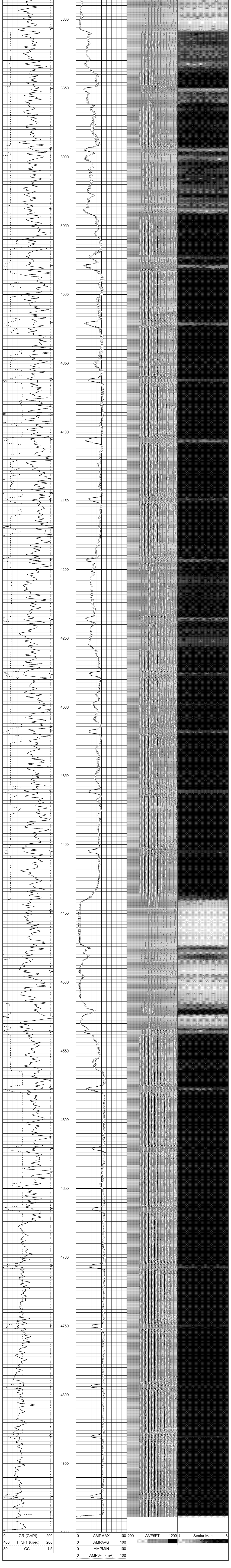
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

0	GR (GAPI)	200
400	TT3FT (usec)	200
30	CCL	-1.5
0	AMPMAX	100
0	AMPAVG	100
0	AMPMIN	100
0	AMP3FT (mV)	100
200	WVF5FT	1200
1	Sector Map	8



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

SHOP CALIBRATION Tue Jan 22 14:19:21 2013

	Counts/Sec.	Gain	Offset	Jig	Units
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