Company	NOBLE ENERGY INC.
Well	SEKICH P19-21D
Field	WATTENBERG
County	WELD
State	COLORADO

GAMMA RAY CCL CEMENT BOND VDL

Company	NOBLE ENERGY INC.		
Well	SEKICH P19-21D		
Field	WATTENBERG		
County	WELD	State	COLORADO

Location: API #: 0512331734

SHL: 2614' FSL & 2191' FEL NWSE
BHL: 2525' FEL & 2550' FSL NWSE
SEC 19 TWP 3N RGE 67W

Other Services

Permanent Datum	GL	Elevation 4902	Elevation K.B. 4917 D.F. 4916 G.L. 4902
Log Measured From	KB		
Drilling Measured From	KB		

Date	JANUARY 25, 2011
Run Number	ONE
Depth Driller	7433
Depth Logger	7340
Bottom Logged Interval	7339
Top Log Interval	2277
Open Hole Size	7-7/8
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	227 DEG. F
Estimated Cement Top	2488
Time Well Ready	PORTABLE MAST
Time Logger on Bottom	1-11/16 GO TOOL
Equipment Number	3342
Location	45
Recorded By	GREG NOLAN
Witnessed By	JEREMIE SCHNEIDER

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8-5/8	24	15	911
Prot. String				
Production String	4-1/2	11.6	15	7423
Liner				

<<< Fold Here >>>

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 SUPERIOR WELL SERVICES!!!!
LOG CORRELATED TO HALLIBURTON OPEN HOLE LOG DATED 17-JAN-11
WESTERNMOST WELL OF A 3 WELL PAD
WCR 32 & WCR 13, E.65, S.5, W INTO

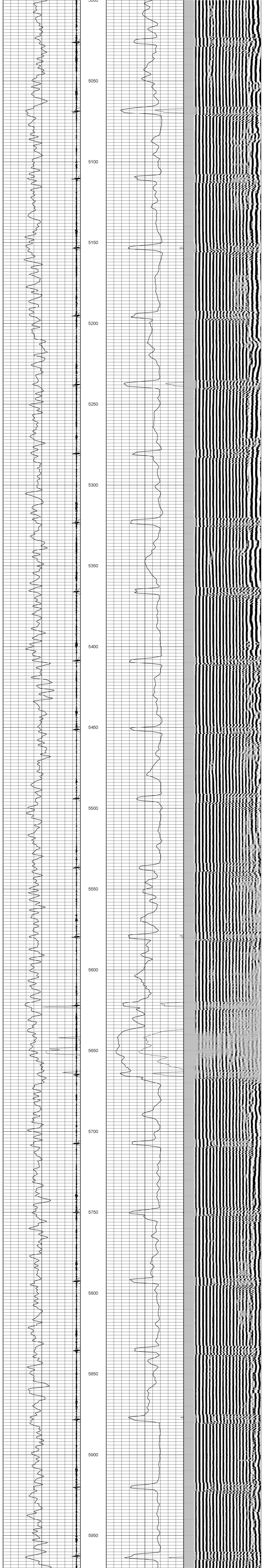
Database File:	cbl noble sekich p19-21d.db
Dataset Pathname:	pass3
Presentation Format:	nuexbond
Dataset Creation:	Tue Jan 25 12:33:02 2011 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240

30	Gamma Ray (GAPI)	130	0	Amplified Amplitude (mV)	30	200	VDL	1200
20	CCL	-1	0	Amplitude (mV)	100			
340	TT3 (usec)	240						

30	Gamma Ray (GAPI)	130	0	Amplified Amplitude (mV)	30	200	VDL	1200
20	CCL	-1	0	Amplitude (mV)	100			
340	TT3 (usec)	240						

Database File:	cbl noble sekich p19-21d.db
Dataset Pathname:	pass2
Presentation Format:	nuexbond
Dataset Creation:	Tue Jan 25 12:14:49 2011 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	30	200	VDL	1200
20	CCL	-1	0	Amplitude (mV)	100			
340	TT3 (usec)	240						



Calibration Report

Database File: cbl noble sekich p19-21d.db
Dataset Pathname: pass2
Dataset Creation: Tue Jan 25 12:14:49 2011 by Log Std Casedhole 10081

Gamma Ray Calibration Report

Serial Number:	tit/temp	
Tool Model:	temp/tit	
Performed:	Tue Sep 21 09:37:35 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

CBL Calibration Report

Serial Number:	111		
Tool Model:	TekCo_GOI		
Performed:	Tue Jan 25 11:59:12 2011		
Depth:	529.250	ft	
Casing Diameter:	4.500	in	
	3' Spacing	5' Spacing	
Signal Zero:	0.800	0.800	mV
Calibrated Amplitude:	81.196	81.196	mV
Reading at Signal Zero:	0.008	0.008	V
Reading in Free Pipe:	2.479	2.499	V
Gain:	32.536	32.278	
Offset:	0.538	0.540	