Company NOBLE ENERGY INC.
Well SEKICH P19-18D
Field WATTENBERG
County WELD
State COLORADO

SUPERIOR WELL SERVICES

GAMMA RAY CCL CEMENT BOND VDL

Company NOBLE ENERGY INC.
Well SEKICH P19-18D
Field WATTENBERG
County WELD State COLORADO

Location: API #: 051233178
SHL: 2602' FSL & 2142' FEL NWSE
BHL: 2450' FEL & 1350' FNL SWNE
SEC 19 TWP 3N RGE 67W

Other Services

Permanent Datum GL Elevation 4902
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4917
D.F.
G.L. 4902

Date	JANUARY 25, 2011
Run Number	ONE
Depth Driller	7595
Depth Logger	7530
Bottom Logged Interval	7529
Top Log Interval	2126
Open Hole Size	7-7/8
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	238 DEG. F
Estimated Cement Top	2401
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

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8-5/8	24	15	918
Prot. String				
Production String	4-1/2	11.6	15.1	7595
Liner				

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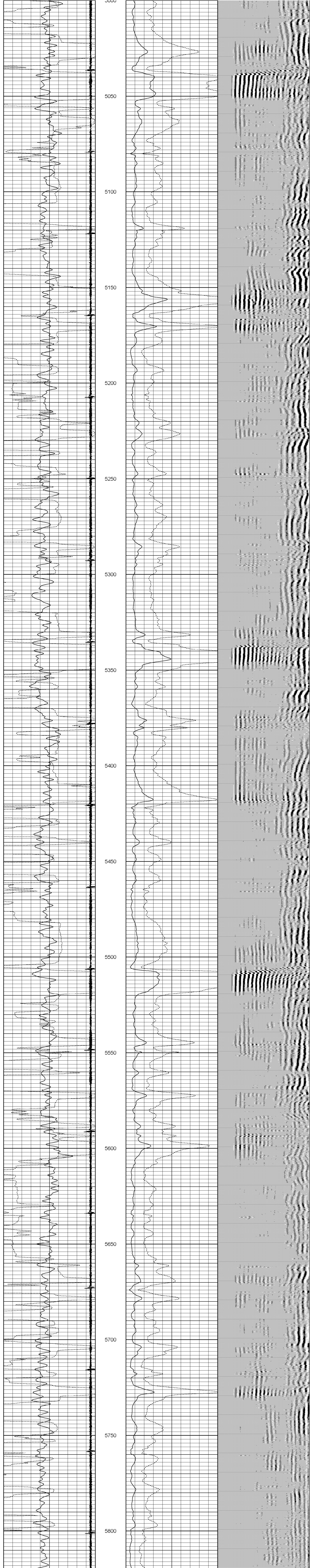
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

THANK YOU FOR CHOOSING SUPERIOR WELL SERVICES!!!
LOG NOT CORRELATED BECAUSE NO OPEN HOLE WAS RAN
EASTERNMOST WELL OF A 3 WELL PAD
WCR 32, & WCR 13, E.65, S.5, W.1 INTO

Database File:	cbl noble sekich p19-18d.db
Dataset Pathname:	pass4
Presentation Format:	nuexbond
Dataset Creation:	Tue Jan 25 09:06:35 2011 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240

Database File:	cbl noble sekich p19-18d.db
Dataset Pathname:	pass3
Presentation Format:	nuexbond
Dataset Creation:	Tue Jan 25 08:45:39 2011 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240



Calibration Report

Database File: cbl noble sekich p19-18d.db
Dataset Pathname: pass3
Dataset Creation: Tue Jan 25 08:45:39 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 08:28:32 2011		
Depth:	231.058	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:	2.446	2.491	V
Gain:	32.987	32.390	
Offset:	0.523	0.525	