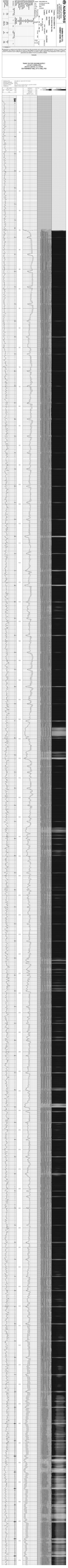

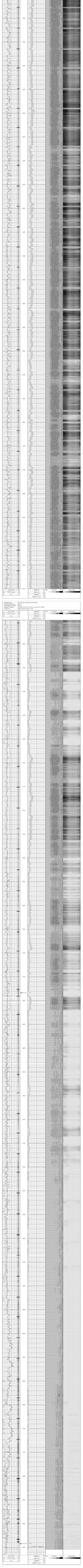

NABORS
COMPLETION & PRODUCTION SERVICES CO.

GAMMA RAY CCL CEMENT BOND VDL

Company	NOBLE ENERGY INC.		
Well	SLW RANCH B01-66-1HNL		
Field	WATTENBERG		
County	WELD	State	COLORADO
Location:	API #: 0512336318 BHL: 2310' FNL & 535' FWL SE/NE SEC 1 TWP 5N RGE 64W	Other Services	
Permanent Datum	GL	Elevation	4612
Log Measured From	KB	Elevation	K.B. 4636 D.F. G.L. 4612
Drilling Measured From	KB		

Company NOBLE ENERGY INC.
Well SLW RANCH B01-66-1HNL
Field WATTENBERG
County WELD
State COLORADO

Date	APRIL 30, 2013
Run Number	ONE
Depth Driller	11190
Depth Logger	6948
Bottom Logged Interval	6948
Top Log Interval	SURFACE
Open Hole Size	8-3/4
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	221°F
Estimated Cement Top	1304
Time Well Ready	PORTABLE MAST
Time Logger on Bottom	2-3/4 PROBE 101020
Equipment Number	4838
Location	45
Recorded By	GREG NOLAN
Witnessed By	BILL MANSFIELD

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9-5/8	36# J-55	24	653
Prot. String	7	26# P-110	24	7099
Production String	4-1/2	11.6# P-110	6979.4	11190
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 NCPS!!!!
LOG NOT CORRELATED
WCR 61 & WCR 62, S.3, W INTO
SOUTHERNMOST WELL OF A 4 WELL PAD

Database File:	cbl noble slw ranch b01-66-1nh.db
Dataset Pathname:	pass4
Presentation Format:	sector2
Dataset Creation:	Tue Apr 30 11:04:59 2013 by Log SCH 120430
Charted by:	Depth in Feet scaled 1:240

Database File: cbl noble slw ranch b01-66-1nh.db
Dataset Pathname: pass3
Presentation Format: sector2
Dataset Creation: Tue Apr 30 10:42:51 2013 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240