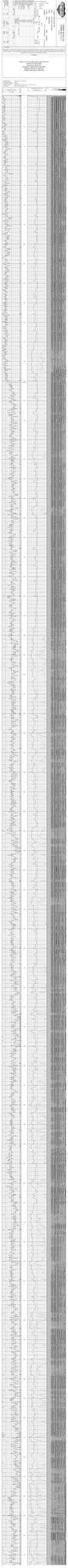

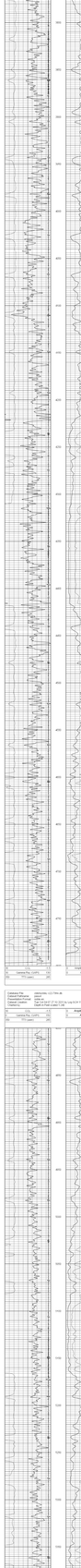

CEMENT BOND LOG
GAMMA RAY C C L
V D L

Company	Noble Energy INC.
Well	STOCKLEY C22-79HN
Field	Wattenberg
County	Weld
State	Colorado

Company Noble Energy INC.
Well STOCKLEY C22-79HN
Field Wattenberg
County Weld State Colorado
Location: API #: 05123334150000
SW SW
SEC 22 TWP 4N RGE 64W

Other Services

Permanent Datum	GL	Elevation 4676	Elevation K.B. 4700 D.F. 4699 G.L. 4676
Log Measured From	KB 24'		
Drilling Measured From	KB		

Date	October 4, 2011	
Run Number	One	
Depth Driller	11,235 est.	
Depth Logger	6020	
Bottom Logged Interval	6019	
Top Log Interval	Surface	
Casing Size	7.0"	
Type Fluid	Water	
Max. Recorded Temp.	227 deg F	
Estimated Cement Top	56' est.	
Time Well Ready	Crane	
Time Logger On Bottom	AM	
Unit Number	3344	
Tool Size / ID Number	2.75 Probe 110802	2.75 Probe 110809
Location	Platteville, CO	
Recorded By	K. Monaghan	
Witnessed By	B. 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 lb/ft J-55	Surface	746
Prot. String	7.0"	26 lb/ft P-110	Surface	7023
Production String				
Liner	4 1/2"	11.6 lb/ft P-110	5946.5	11,220

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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

Thqank You For Choosing Superior Well Services!!!
API# 05-123-33415-0000
Wireline Zero @ 24' KB.
Correlated to Tallied Liner Top @ 5945.6
Directions: 44 & 55, N 100' E Into
(Southern Most Well of 2 Well Pad)

Database File:	cblshockley c22-79hn.db
Dataset Pathname:	pass5
Presentation Format:	noble en
Dataset Creation:	Tue Oct 04 09:12:10 2011 by Log SCH 110722
Charted by:	Depth in Feet scaled 1:240

Database File: cblshockley c22-79hn.db
Dataset Pathname: pass4
Presentation Format: noble en
Dataset Creation: Tue Oct 04 07:27:10 2011 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240

Calibration Report

Database File: cblshockley c22-79hn.db
Dataset Pathname: pass5
Dataset Creation: Tue Oct 04 09:12:10 2011 by Log SCH 110722

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 110809

	Counts/Sec.	Gain	Offset	Jig	Units
SHOP CALIBRATION	Tue Oct 04 07:20:37 2011				
Background	0.0				cps
Calibrator	1.0				cps
		0.8500			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

Cement Bond Log Calibration Report

Serial Number: 110802
Tool Model: Probe275Digital
Performed: Tue Oct 04 07:28:46 2011

Depth: 3393.65 ft
Casing Diameter: 7 in

	3' Spacing	5' Spacing	
Signal Zero:	0.9	0	mV
Calibrated Amplitude:	62.1651	62.1651	mV
Reading at Signal Zero:	0.0122803	0.0119873	V
Reading in Free Pipe:	2.49697	2.49878	V
Gain:	24.657	24.9981	
Offset:	0.597204	-0.29966	