Casedhole Solutions

CEMENT BOND
VARIABLE DENSITY
GAMMA RAY
COLLAR CORRELATION LOG

Company	NOBEL ENERGY
Well	FEDERAL NO. 14
Field	WATTENBERG
County	WELD
State	COLORADO

Company NOBEL ENERGY
Well FEDERAL NO. 14
Field WATTENBERG
County WELD State COLORADO
Location: API #: 05-123-07634-00
NW/NE
SEC 8 TWP 2N RGE 63W
Other Services
NONE
Permanent Datum GROUND LEVEL Elevation 4790
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING
Elevation
K.B. 4803
D.F. --
G.L. 4790

Date	07-MAR-2016
Run Number	ONE
Depth Driller	7363
Depth Logger	7142
Bottom Logged Interval	7141
Top Log Interval	SURFACE
Casing Size	4.5
Type Fluid	WATER
Max. Recorded Temp.	NOT RECORDED
Estimated Cement Top	6343
Time Well Ready	0700
Time Logger On Bottom	0730
Unit Number	983227
Tool Size / ID Number	1 11/16" PROBE
Location	FT. LUPTON
Recorded By	JIM McKIE
Witnessed By	J. SCHIENDER

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	SURFACE	618
Prot. String				
Production String	4.5	11.6	SURFACE	7363
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

NO LOG AVAILABLE FOR CORRELATION
LOG MERGED AT 5500' DUE TO FLUID MOVEMENT ON FIRST PASS
AREATED FLUID INDICATED FROM 250' TO SURFACE

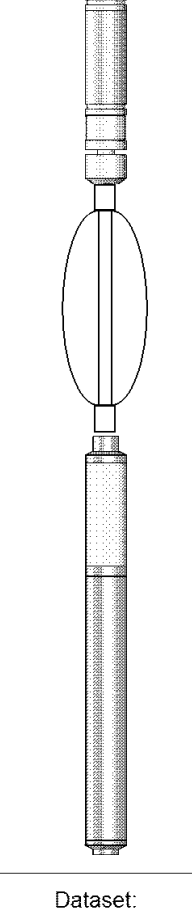
THANK YOU FOR CHOOSING CASEDHOLE SOLUTIONS!

Database File:	noble_federal_14.db
Dataset Pathname:	merge1
Presentation Format:	nuexcbl
Dataset Creation:	Mon Mar 07 09:07:50 2016
Charted by:	Depth in Feet scaled 1:240

15 CCL -4
0 Gamma Ray (GAPI) 150
340 TT3 (usec) 240

0 Amplified Amplitude (mV) 20
0 Amplitude (mV) 100

200 Variable Density 1200

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1 PROBE	3.13	2.00	8.00
WVF3	12.59		CBL-Probe (FW1406-029) 1-11/16	8.60	1.69	41.00
WVF5	11.59					
			1 PROBE	3.13	2.00	8.00
CCL	4.08					
			GR-CCL/GR (FW1406-009) 1-11/16	5.21	1.69	
GR	0.57					

Dataset: noble_federal_14.db: field/well/run1/merge1
Total Length: 20.07 ft
Total Weight: 57.00 lb
O.D. 2.00 in