BRAN-DEX

WIRELINE SERVICES

GAMMA RAY C.C.L.
CEMENT BOND V.D.L.

Company MINERAL RESOURCES, INC.
Well HIGHWAY 34-1 A7
Field WATTENBERG
County WELD State CO

Company	MINERAL RESOURCES, INC.
Well	HIGHWAY 34-1 A7
Field	WATTENBERG
County	WELD
State	CO

Location: API # :

SHL: 311' FNL & 760' FEL NE NE
BHL: 70' FNL & 94' FWL

SEC 20 TWP 5N RGE 65W

Other Services

Permanent Datum GL Elevation 4671
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4679
D.F. 4678
G.L. 4671

Date	OCTOBER 30 2006		
Run Number	ONE		
Depth Driller	7340		
Depth Logger	7274		
Bottom Logged Interval	7272		
Top Log Interval	2346		
Open Hole Size			
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.	238		
Estimated Cement Top			
Time Well Ready			
Time Logger on Bottom			
Equipment Number	579		
Location	STERLING		
Recorded By	DIZMANG		
Witnessed By	TERRY LEIGHTON		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4 1/2			
Liner				

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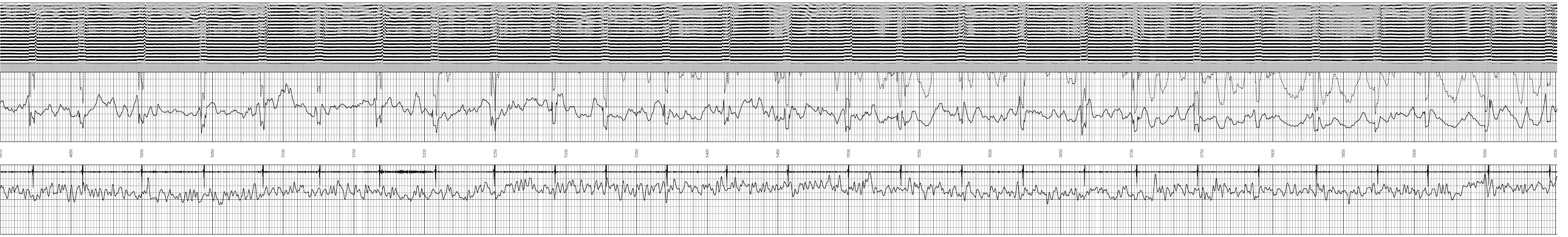
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

CORRECTED UPHOLE 4' TO CORRELATE
TO PSI OPENHOLE LOG DATED OCTOBER 19 2006

Database File: c:\warrior\data\higheay34-1a7.db
Dataset Pathname: pass3
Presentation Format: scbl_dr
Dataset Creation: Mon Oct 30 09:21:37 2006 by Log Std Casedhole 06040
Charted by: Depth in Feet scaled 1:240

Database File: c:\warrior\data\higheay34-1a7.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Mon Oct 30 08:37:39 2006 by Log Std Casedhole 06040
Charted by: Depth in Feet scaled 1:240



6050
6100
6150
6200
6250
6300
6350
6400
6450
6500
6550
6600
Flag Joint
6650
6700
6750
6800
6850
6900
6950
7000
Flag Joint
7050
7100
7150
7200
7250
9
Collar Locator
-1
0
Gamma Ray (GAPI)
200
0
Amplified Amplitude (mV)
30
0
Amplitude (mV)
85
200
VDL
1200