BRAN-DEX
WIRELINE SERVICES

GAMMA RAY CCL
CEMENT BOND VDL

Company	MINERAL RESOURCES, INC.
Well	UNIVERSITY 5 SPOT D4
Field	WATTENBERG
County	WELD
State	COLORADO

Company MINERAL RESOURCES, INC.
Well UNIVERSITY 5 SPOT D4
Field WATTENBERG
County WELD State COLORADO
Location: API # :
SHL: 172' FNL & 1165' FEL NE NE
SEC 20 TWP 5N RGE 65W
BHL: 1326' FSL & 1326' FWL
SEC 17 TWP 5N RGE 65W

Other Services

Permanent Datum	GL	Elevation 4675'
Log Measured From	GL	
Drilling Measured From	GL	

Elevation
K.B.
D.F.
G.L. 4675'

Date	JANUARY 25, 07
Run Number	ONE
Depth Driller	8040
Depth Logger	7983
Bottom Logged Interval	7981
Top Log Interval	2325
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	250
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	504
Location	STERLING
Recorded By	FRANKE
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	4.5"			
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.

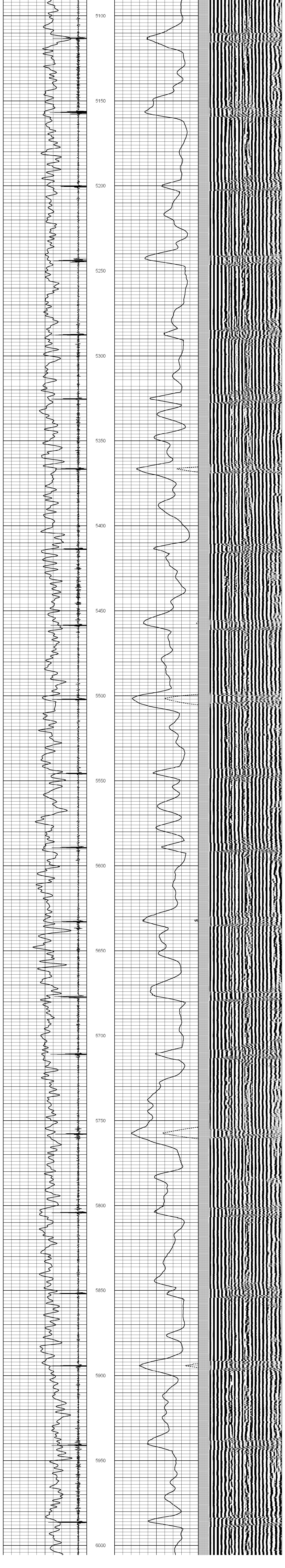
Comments

CORRECTED UPHOLE 3' TO
CORRELATE TO OPENHOLE LOG
DATED JANUARY 18, 07

LOGGED UNDER 1000PSI
WELL WAS PRESSURE TESTED TO
6500 PSI PRIOR TO LOG

Database File:	c:\warrior\data\printed\univ5spotd4.db
Dataset Pathname:	pass8
Presentation Format:	cblx
Dataset Creation:	Thu Jan 25 14:11:19 2007 by Log Std Casedhole 05111
Charted by:	Depth in Feet scaled 1:240

Database File:	c:\warrior\data\printed\univ5spotd4.db
Dataset Pathname:	pass7
Presentation Format:	cblx
Dataset Creation:	Thu Jan 25 13:24:57 2007 by Log Std Casedhole 05111
Charted by:	Depth in Feet scaled 1:240



6050
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7650
Flag Joint
7700
Flag Joint
7750
7800
7850
7900
7950
0 GR (GAPI) 200
-9 CCL 1
0 AMPLITUDE (mV) 85
0 AMPLIFIED AMPLITUDE (mV) 30
200 Variable Density 1200