PIONEER WIRELINE SERVICES

RADIAL BOND, V.D.L. GAMMA-RAY, C.C.L.

Company ENCANA OIL & GAS
Well MARCUS STATE 3A-36H (M266)
Field WATTENBERG
County WELD
State COLORADO

Company	ENCANA OIL & GAS
Well	MARCUS STATE 3A-36H (M266)
Field	WATTENBERG
County	WELD
State	COLORADO
Location:	API # : 0512337443000000
	SEC 36 TWP 2N RGE 66W
Other Services	NONE
Permanent Datum	GL
Elevation	5040'
Log Measured From	KB
Drilling Measured From	KB
Elevation	K.B. 5053' D.F. 5053' G.L. 5040'

Date	8-16-13		
Run Number	1		
Depth Driller	12131'		
Depth Logger	7800'		
Bottom Logged Interval	7800'		
Top Log Interval	SURFACE		
Open Hole Size	8.75"		
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.	219		
Estimated Cement Top	1010'		
Time Well Ready	ROA		
Time Logger on Bottom	AM		
Equipment Number	75		
Location	FT. MORGAN		
Recorded By	JOHN HOLLIS		
Witnessed By	CODY HUSEBY		

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	7"	26#		
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.

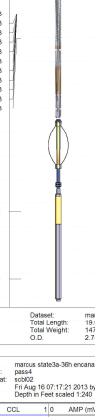
Comments

S.O. 2-203996

WCR 37 & WCR 14

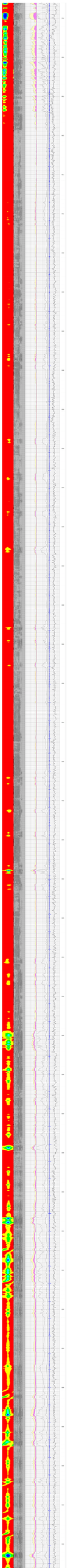
THANK YOU FOR USING PIONEER ENERGY SERVICES

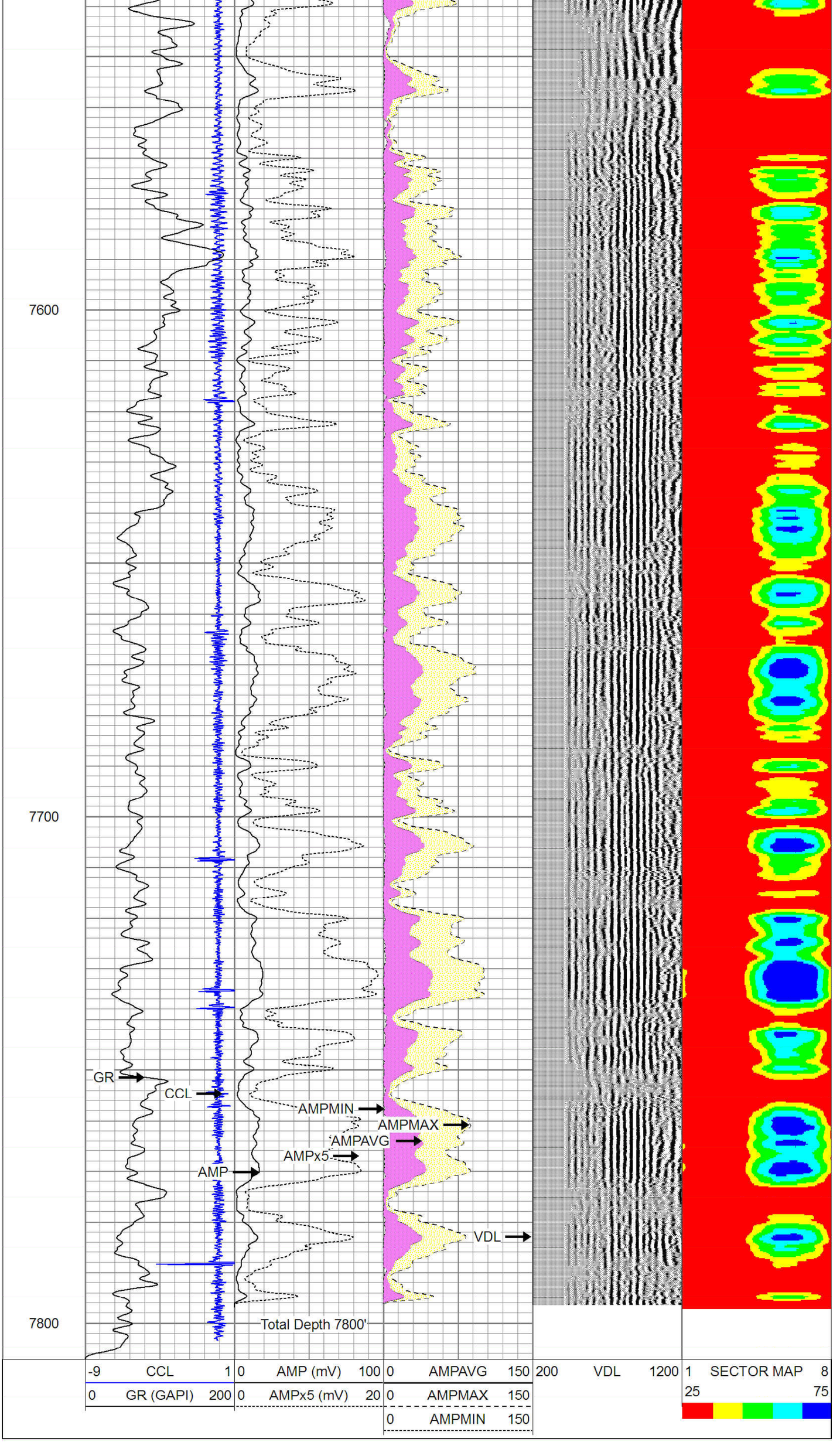
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF5FT	11.63		RBT-Probe (4.5040004) Sm/pse r-mass mass bond - tool with Logical Telemetry	8.88	2.75	90.00
WVFCAL	11.63					
WVFS1	11.63					
WVFS2	11.63					
WVFS3	11.63					
WVFS4	11.63					
WVFS5	11.63					
WVFS6	11.63					
WVFS7	11.63					
WVFS8	11.63					
WVF3FT	10.63					
			PTS275	2.83	2.75	
CCL	3.63					
GR	0.89		GR-Probe275 (030606)	4.54	2.75	57.00



Dataset: marcus state3a-36h encana.db: field/well/run1/pass4
Total Length: 19.08 ft
Total Weight: 147.00 lb
O.D.: 2.75 in

Database File: marcus state3a-36h encana.db
Dataset Pathname: pass4
Presentation Format: sub[0]
Dataset Creation: Fri Aug 16 07:17:21 2013 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240




7600
7700
7800
GR
CCL
AMP
AMPMIN
AMPMAX
AMPAVG
AMPx5
VDL
Total Depth 7800'
-9 CCL 1
0 GR (GAPI) 200
0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25
75