J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL

Company GREAT WESTERN OIL; & GAS LLC.
Well COULSON 2-14
Field WATTENBERG
County WELD
State CO

Company	GREAT WESTERN OIL; & GAS LLC.
Well	COULSON 2-14
Field	WATTENBERG
County	WELD
State	CO

Location: API # : 05-123-31934

SHL: 1266' FSL & 1567' FWL SE SW
BHL: 692' FSL & 658' FWL SW SW

SEC 2 TWP 4N RGE 67W

Other Services

Permanent Datum	GL	Elevation	4740
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4752
D.F. 4751
G.L. 4740

Date	DEC-14-2010		
Run Number	ONE		
Depth Driller			
Depth Logger	7423		
Bottom Logged Interval	7420		
Top Log Interval	2300		
Open Hole Size	------------------		
Type Fluid	WATER		
Density / Viscosity	-------------------------		
Max. Recorded Temp.	210 F		
Estimated Cement Top	3000		
Time Well Ready	-------------------------		
Time Logger on Bottom	---------------------------		
Equipment Number	581		
Location	STERLING CO		
Recorded By	MIKE MEISNER		
Witnessed By	JAY PAPE		

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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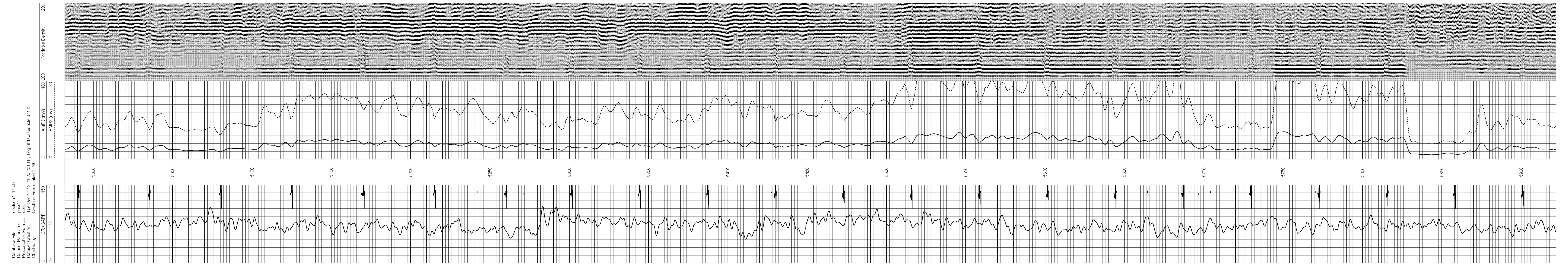
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 DOWN 3' TO PSI OPENHOLE DATED DEC-4-2010

Database File: coulson 2-14.db
Dataset Pathname: pass3
Presentation Format: cblx
Dataset Creation: Tue Dec 14 12:48:03 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

Database File: coulson 2-14.db
Dataset Pathname: pass2
Presentation Format: cblx
Dataset Creation: Tue Dec 14 12:21:20 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



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7400
0 GR (GAPI) 150
-9 CCL 1
0 AMP3 (mV) 100
0 AMP3 (mV) 30
200 Variable Density 1200