



**GAMMA RAY CCL
CEMENT BOND VDL**

Company	KERR-MCGEE OIL & GAS ONSHORE LP		
Well	ST VRAIN L CO UT A 1		
Field	WATTENBERG	State	COLO
County	WELD	Location	SW NE 23 3N 68W
Location	COLO	API #	0512307920000
Other Services			
Well	WATTENBERG	Permanent Datum	GL
County	WELD	Log Measured From	KB
State	COLO	Drilling Measured From	KB
Permanent Datum	GL	Elevation	4947
Log Measured From	KB	K B 4957	
Drilling Measured From	KB	D L 4955	
		G L 4947	
Date	9-26-13		
Run Number	ONE		
Depth Driver	4800	Bottom	4800
Depth Driver Interval	4800	Top Log Interval	3000
Open Hole Size	WATER		
Type Fluid	WATER		
Density / Viscosity			
Max Recorded Temp.	3800		
Estimated Cement Top	0720		
Time Lagged on Bottom	0630		
Equipment Number	2268		
Location	STERLING		
Recorded By	NIKE ADAMSON		
Witnessed By	RIGSOVERA		
Run Number	81	From	To
Breakout Record	From	Weight	To
Timing Record	From	Weight	To
Case Record	Size	Weight	Bottom
Surface String	4.5		
Production String			
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

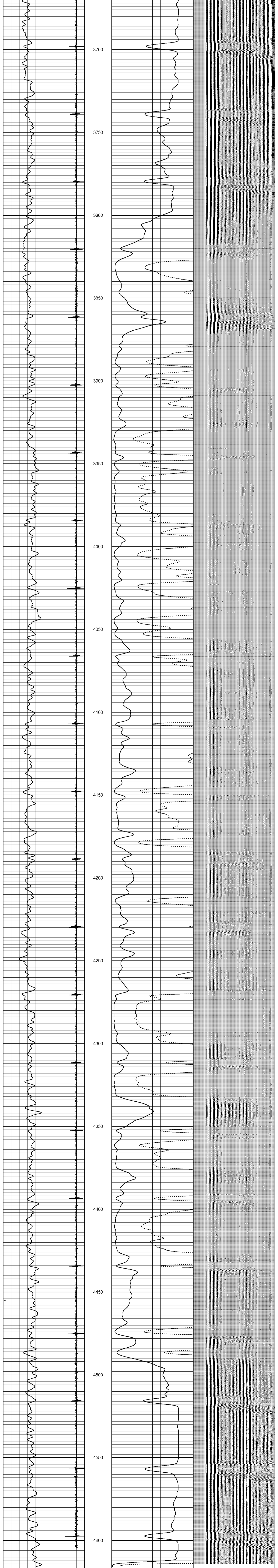
THANKS FOR CHOOSING JW WIRELINE

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
CCL	18.58		CCL-TekCo (1 11/16 MOT) (1.68)	1.67	1.69	20.00	
			CENT-B (2) 2 3/4 Cent	2.21	2.75	10.00	
TEMP	12.85						
WVF3FT	10.44						
WVF5FT	9.44						
WVFTEMP	6.02						
WVF5SYNC	6.02						
GR	1.00						

Dataset: st vrain l co ut a 1.db: field/well/run1/pass5
 Total Length: 19.65 ft
 Total Weight: 130.00 lb
 O.D.: 2.75 in

Database File: st vrain l co ut a 1.db
 Dataset Pathname: pass5
 Presentation Format: scbl_cr
 Dataset Creation: Thu Sep 26 08:21:12 2013 by Log SCH 111116
 Charted by: Depth in Feet scaled 1.240

9	Collar Locator	-1	0	Amplitude (mV)	100	200	VDL	1200
0	Gamma Ray	200						
0	Line Speed (ft/min)	100						



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