

Digital Cement Bond  
Gamma Ray  
CCL


Company Matrix Energy, LLC		Company Matrix Energy, LLC	
Well Varra HA 13-10		Well Varra HA 13-10	
Field Wattenberg		Field Wattenberg	
County Weld		County Weld	
State CO		State CO	
Location: API # : 05-123-19815		Other Services	
SEC 10 TWP 5N RGE 65W		SE NE	
Permanent Datum GL		Elevation 4517	
Log Measured From KB 12		KB. 4528	
Drilling Measured From KB		D.F. 4527	
		G.L. 4517	
Date 06-04-2012			
Run Number One			
Depth Driller 7935			
Depth Logger 2250			
Bottom Logged Interval 2250			
Top Log Interval Surface			
Open Hole Size 7.875			
Type Fluid Water			
Density / Viscosity 1.0			
Max. Recorded Temp. 89			
Estimated Cement Top 160			
Time Well Ready			
Time Logger on Bottom			
Equipment Number 5432			
Location Greeley			
Recorded By J.J. Bullard			
Witnessed By T. Sherwood			
Borehole Record		Tubing Record	
Run Number	Bit	From	To
One	12.25	0	418
Two	8.875	418	7935
Casing Record	Size	Wgt/Ft	Top
Surface String	9.625	36#	0
Prot. String			
Production String	4.5	11.6#	0
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

Thank you for using IPS Wireline!!!

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STD-Standard (STNDRD) Standard Cable Head	1.00	1.44	10.00

			PTS275	2.83	2.75	
HEADVOLT	17.25					
IntTemp	15.83					
WVF3FT	12.58		RBT-Probe (Base)	8.92	2.75	90.00
WVFCAL	12.58		Probe Radlii Bond Tool with Digital Telemetry			
WVFS1	12.58					
WVFS2	12.58					
WVFS3	12.58					
WVFS4	12.58					
WVFS5	12.58					
WVFS6	12.58					
WVFS7	12.58					
WVFS8	12.58					
WVF5FT	11.58					
CCL	7.64					
			GR-Probe (275)	4.33	2.75	30.00
GR	4.90		Probe 2.75"			
CNLSC	1.67		CNT-Probe_B (275)	4.00	2.75	40.00
CNSSC	0.83					
Dataset: varrs 13-10.db: field/well/run1/pass3 Total Length: 21.08 ft Total Weight: 170.00 lb O.D. 2.75 in						

200	TT (usec)	800	-4	CCL	1	0	AMP (mV)	100	200	VDL	1200
0	GR (GAPI)	200	LSPD		0	AMPx5 (mV)		20			
200	GR (GAPI)	400	ft/min				IntTemp				
			0		100		IntTemp				
							(degF)				

