



**RADIAL BOND
GAMMA RAY
CCL**

Company ANADARKO
Well MORTON 9-1
Field WATTENBERG
County WELD State COLORADO

Location: NE/SE 1371'FSL 933'FEL
LAT:40.07650 LONG:-104.83330
SEC 1 TWP 1N RGE 67W
API #: 05-123-34070
Other Services
Permanent Datum GL Elevation 4898'
Log Measured From KB 15'
Drilling Measured From KB

Date 04-17-2018
Run Number ONE
Depth Driller 8158'
Depth Logger 4375'
Bottom Logged Interval 4375'
Top Log Interval SURFACE
Open Hole Size 4.5"
Type Fluid WATER
Density / Viscosity 8.6
Max. Recorded Temp. 154.7
Estimated Cement Top 3740'
Time Well Ready NA
Time Logger on Bottom NA
Equipment Number 058
Location WINDSOR COLORADO
Recorded By R. ALLES
Witnessed By JOSE CASTILLO


Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size			Wgt/Ft		Top	Bottom
Surface String	8.63			24#		SURFACE	835'
Prot. String							
Production String	4.5			11.6#		SURFACE	7810'
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.

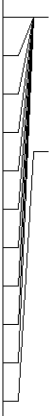
Comments

**RAN CEMENT BOND LOG TO VERIFY CEMENT
THANK YOU FOR USING CUTTERS WIRELINE**

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
						

WVF3FT 9.44
 WVFCAL 9.44
 WVFS1 9.44
 WVFS2 9.44
 WVFS3 9.44
 WVFS4 9.44
 WVFS5 9.44
 WVFS6 9.44
 WVFS7 9.44
 WVFS8 9.44
 WVF5FT 8.44

9.44
 9.44
 9.44
 9.44
 9.44
 9.44
 9.44
 9.44
 9.44
 9.44
 8.44



RBT-Probe (060112_55)
 Probe 2.75" Radii Bond Tool

8.75 2.75 90.00

CCL

4.75

GR-Probe (060109)
 Probe 2.75" 4 Channel Pulse

4.00 2.75 30.00

GR

2.25

TEMP-1.375TEMP (060110)
 Temperature Tool

1.25 1.38 30.00

TEMP

0.08

Dataset: morton 9-1.db: field/well/run1/pass4
 Total Length: 14.00 ft
 Total Weight: 150.00 lb
 O.D.: 2.75 in

Database File: morton 9-1.db
 Dataset Pathname: pass4
 Presentation Format: rbl55
 Dataset Creation: Tue Apr 17 11:46:36 2018 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

325	TT (usec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)	0	Amplified Amplitude	10	-5	AMPS3	150				1
			CCL	000	(mV)	10	-5	AMPS4	150				100
					TEMP		-5	AMPS5	150				
					(degF)		-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				

