RADIAL CEMENT BOND LOG

Cutters Wireline Service, Inc.
A Cased Hole Wireline Company

Company ANADARKO PETROELUM CORP
Well LAMBRECHT 27-2
Field WATTENBERG
County WELD
State CO

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County WELD State CO

Location: API # : 0512335581
617' FNL & 460' FEL NENE
40.085849 / -104.850475
SEC 2 TWP 1N RGE 67W

Other Services
NONE

Permanent Datum GROUND LEVEL Elevation 4941'
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4956'
D.F. 4956'
G.L. 4941'

Date	8 APRIL 2021		
Run Number	1		
Depth Driller	8240'		
Depth Logger	1002'		
Bottom Logged Interval	1000'		
Top Log Interval	SURFACE		
Open Hole Size	8.625"		
Type Fluid	WATER		
Density / Viscosity	8.3 #		
Max. Recorded Temp.	76 F		
Estimated Cement Top	SEE LOG		
Time Well Ready	ROA		
Time Logger on Bottom	10:40		
Equipment Number	8045		
Location	WINDSOR, CO		
Recorded By	SCHUMAN		
Witnessed By	MR V ILDEFONSO		

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	24#	SURFACE	915'
Prot. String				
Production String	4.5"	11.6#	SURFACE	8268'
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

CORRELATED TO GROUND LEVEL

500 PSI APPLIED AT SURFACE

THANK YOU FOR USING CUTTERS WIRELINE SERVICE!

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MAIN PASS

500 PSI APPLIED AT SURFACE

Database File: _oxy.db
Dataset Pathname: rbl/pass2
Presentation Format: rbl55
Dataset Creation: Thu Apr 08 10:40:19 2021 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

330 TT (usec) 230
0 GR (GAPI) 200
TEMP (degF)
LTEN (lb)
CCL 000
0 Amplitude (mV) 100
Amplified Amplitude 0 (mV) 10
-5 AMPS2 150
-5 AMPS3 150
-5 AMPS4 150
-5 AMPS5 150
-5 AMPS6 150
-5 AMPS7 150
-5 AMPS8 150
-5 AMPS1 150
200 VDL 1200
Cement Map 1 100

330 TT (usec) 230
0 GR (GAPI) 200
TEMP (degF)
LTEN (lb)
CCL 000
0 Amplitude (mV) 100
Amplified Amplitude 0 (mV) 10
-5 AMPS2 150
-5 AMPS3 150
-5 AMPS4 150
-5 AMPS5 150
-5 AMPS6 150
-5 AMPS7 150
-5 AMPS8 150
-5 AMPS1 150
200 VDL 1200
Cement Map 1 100

Calibration Report

Database File: _oxy.db
Dataset Pathname: rbl/pass2
Dataset Creation: Thu Apr 08 10:40:19 2021 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	FW1401-17	
Tool Model:	GCT	
Performed:	Wed Apr 07 09:17:57 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	120663	
Tool Model:	Probe275acc	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	1200.217	ft

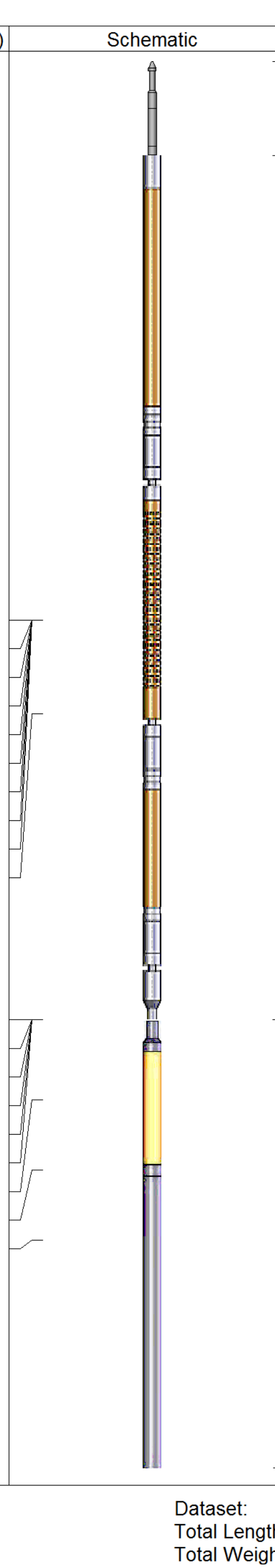
Master Calibration, performed Wed Apr 07 09:35:57 2021:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.013	0.660	1.000	81.196	98.379	2.493
CAL	-0.015	1.021				
5'	-0.010	0.578	1.000	81.196	136.193	2.423
SUM						
S1	-0.022	0.604	0.000	100.000	159.735	3.486
S2	-0.014	0.618	0.000	100.000	158.385	2.171
S3	-0.022	0.673	0.000	100.000	143.947	3.105
S4	-0.024	0.709	0.000	100.000	136.404	3.272
S5	-0.014	0.703	0.000	100.000	139.624	1.892
S6	-0.015	0.696	0.000	100.000	140.712	2.087
S7	-0.023	0.660	0.000	100.000	146.330	3.403
S8	-0.022	0.629	0.000	100.000	153.754	3.320

Inclinometer Calibration Report

Performed: Wed Mar 03 10:29:52 2021

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-912.00	918.00	-1.00	1.00	gee
Y Accelerometer	-921.00	915.00	-1.00	1.00	gee
Z Accelerometer	-3.00	915.00	0.00	1.00	gee



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00
			RBT8acc-Probe275acc (120663) 2.75" Radial Corrosion with accelerometer	9.20	2.75	110.00
WVF3FT	9.02					
WVFS1	9.02					
WVFS2	9.02					
WVFS3	9.02					
WVFS4	9.02					
WVFS5	9.02					
WVFS6	9.02					
WVFS7	9.02					
WVFS8	9.02					
WVF5FT	8.02					
WVFCAL	4.77					
WVFSYNC	4.77					
RBT_HV	4.77					
ACCX	4.77					
ACCY	4.77					
ACCZ	4.77					
CCL	3.92					
GCT_Temp	3.17					
GR	2.42		GR-GCT (FW1401-17) Gamma Corrosion Temperature	4.77	2.75	35.00

Dataset: _oxy.db: field/well/rbl/pass2
Total Length: 14.97 ft
Total Weight: 155.00 lb
O.D. 2.75 in

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