

Company: ANADARKO PETROLEUM CORP.
Well: LUHMAN UPRR 32-13 1

Field: WATTENBERG
County: WELD
State: COLORADO

Location: SW / NE
API #: 06-123-12066

Perment Datum: SEC 13 TWP 3N RGE 6SW
Log Measured From: KB
Drilling Measured From: KB

Date: January 28, 2020
Run Number: One
Depth Driller: 7548
Bottom Logger: 675

Top Log Interval: Surface
Casing Size: 4 1/2
Type Fluid: Water

Max. Recorded Temp.: N/A
Estimated Cement Top: ---
Time Well Ready: 2:00pm
Time Logger On Bottom: 2:19pm

Unit Number: 230054
Tool Size / ID Number: 2 3/4 RBH
Location: 234 RBH
Recorded By: ASHLEY FRANK
Witnessed By: HICK LINDY

Run Number: Bit From To Size Weight From To
Casing Record: Size 8 9/8 VgrFI 2# Top Surface Bottom
Surface String: 4 1/2 12 75# Surface 415'
Prod. String: Surface 7545'

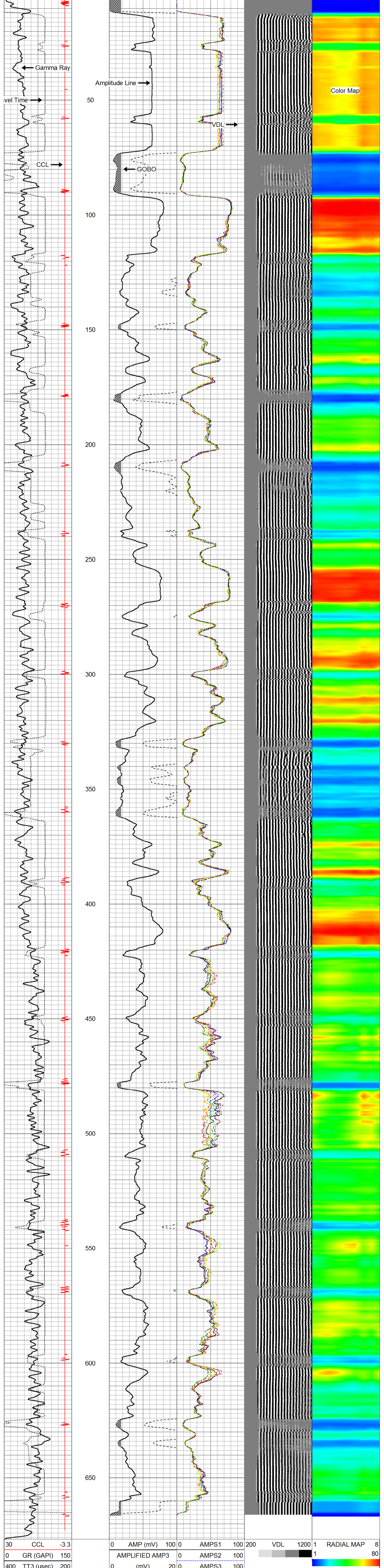
All interpretations are based on inferences based on electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, 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 Casedhole Solutions!
Log ran with 11' KB
Log ran with 500 PSI

Database File: luhman uprr 32-13 1.db
Dataset Pathname: pass8
Presentation Format: zwag
Dataset Creation: Tue Jan 28 14:58:32 2020 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

30	CCL	-3.3	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	0	AMPLIFIED AMP3	20	0	AMPS2	100						80
400	TT3 (usec)	200	0	(mV)		0	AMPS3	100						



30	CCL	-3.3	0	AMP (mV)	100	0	AMPS2	100	200	VDL	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	0	AMPLIFIED AMP3	20	0	AMPS3	100						80
400	TT3 (usec)	200	0	(mV)		0	AMPS4	100						

Calibration Report

Database File: luhman uprr 32-13 1.db
Dataset Pathname: pass8
Dataset Creation: Tue Jan 28 14:58:32 2020 by Log 7.0 B1

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 101010
Date: Fri Dec 28 09:41:10 2018

SHOP CALIBRATION	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0	0.6500			cps
					GAPI/cps

PRIMARY VERIFICATION	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0			0.0	cps
Difference					GAPI

BEFORE SURVEY VERIFICATION	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0			0.0	cps
Difference					GAPI

AFTER SURVEY VERIFICATION	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0			0.0	cps
Difference					GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 101020
Tool Model: Probe
Calibration Casing Diameter: 4.500 in
Calibration Depth: 107.092 ft

Master Calibration, performed Tue Jan 28 14:54:51 2020:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.012	1.482	1.500	81.196	53.345	2.128
CAL	-0.012	0.446				
5'	-0.012	1.360	1.500	81.196	58.102	2.197
SUM						
S1	-0.012	1.524	0.000	81.921	53.327	0.639
S2	-0.012	1.452	0.000	81.921	55.978	0.655
S3	-0.012	1.370	0.000	81.921	59.284	0.693
S4	-0.012	1.365	0.000	81.921	59.508	0.708
S5	-0.012	1.402	0.000	81.921	57.965	0.680
S6	-0.012	1.463	0.000	81.921	55.555	0.654
S7	-0.012	1.520	0.000	81.921	53.474	0.621
S8	-0.012	1.527	0.000	81.921	53.235	0.637

Internal Reference Calibration, performed Fri Jan 13 14:30:16 2012:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.012	0.446	1.000	0.000

Air Zero Calibration, performed Tue Feb 25 13:16:04 2014:

	Raw (v)		Calibrated (v)		Results	
	Zero	Zero	Zero	Zero	Gain	Offset
3'	0.000	0.000	0.000	0.000		0.000
5'	0.000	0.000	0.000	0.000		0.000
SUM						
S1	0.000	0.000	0.000	0.000		0.000
S2	0.000	0.000	0.000	0.000		0.000
S3	0.000	0.000	0.000	0.000		0.000
S4	0.000	0.000	0.000	0.000		0.000
S5	0.000	0.000	0.000	0.000		0.000
S6	0.000	0.000	0.000	0.000		0.000
S7	0.000	0.000	0.000	0.000		0.000
S8	0.000	0.000	0.000	0.000		0.000