Casedhole Solutions

MICRO LOG

Company	HERMAN L. LOEB, LLC
Well	KROUTWURST #20
Field	KRAFT-PRUSA
County	BARTON
State	KANSAS
Location:	API #: 15-009-26137-00-00 NW - SE - SW - SW 380' FSL & 675' FWL
SEC 34 TWP 16S RGE 11W	
Other Services	CNL/CDL/PE DIL
Permanent Datum	GROUND LEVEL Elevation 1925
Log Measured From	KELLY BUSHING 11' A.G.L
Drilling Measured From	KELLY BUSHING
Elevation	K.B. 1936 D.F. 1934 G.L. 1925

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Date	3-5-16
Run Number	TWO
Depth Driller	3380
Depth Logger	3377
Bottom Logged Interval	3375
Top Log Interval	2600
Casing Driller	8 5/8 @ 771
Casing Logger	772
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL MUD CHLORIDES 5,700 PPM
Density / Viscosity	9.3/56
pH / Fluid Loss	10.5/7.6
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.85 @ 78F
Rmf @ Meas. Temp	0.64 @ 78F
Rmc @ Meas. Temp	1.02 @ 78F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	0.60 @ 110F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	110F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	IAN MABB
Witnessed By	JON CHRISTENSEN

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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 CASEDHOLE SOLUTIONS, HAYS, KS. (785) 628-6395

DIRECTIONS : CLAFLIN, KS. - NORTH ON 3RD ST. 6 MILES TO RD 170 - EAST 1/4 MILE - NORTH INT

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MAIN SECTION

Database File 30956pe8.db
Dataset Pathname pass8.1
Presentation Format _micro
Dataset Creation Sun Mar 06 03:24:24 2016
Charted by Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 150	ABHV	0 MEL1.5 (Ohm-m) 40
6 CALIPER (in) 16	10 (ft3) 0	0 MEL2.0 (Ohm-m) 40
	TBHV	
	0 (ft3) 10	

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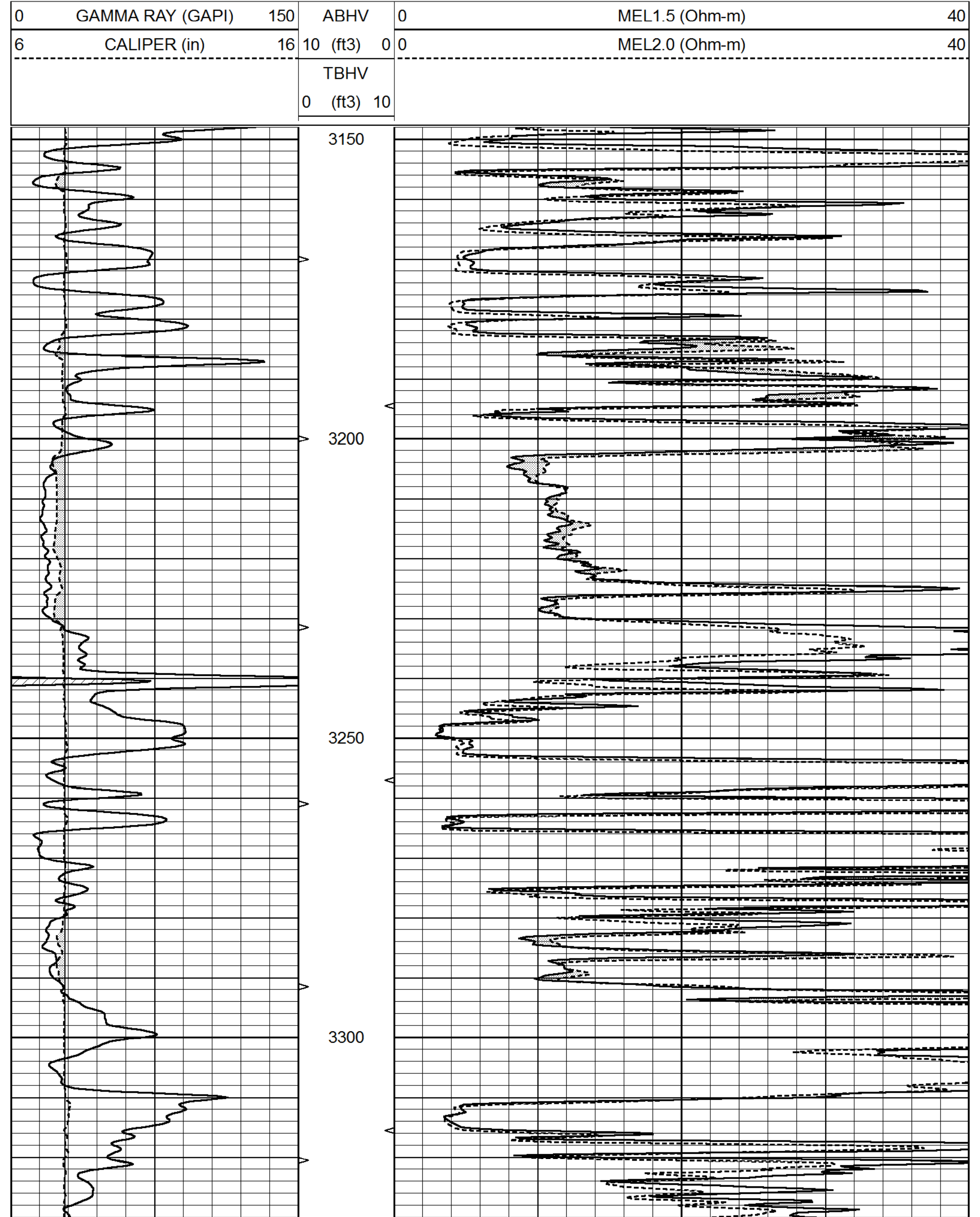
6 CALIPER (in) 16	10 (ft3) 0	0 MEL2.0 (Ohm-m) 40
	TBHV	
	0 (ft3) 10	

Database File 30956pe8.db
Dataset Pathname pass7.2
Presentation Format _micro
Dataset Creation Sun Mar 06 03:14:15 2016
Charted by Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 150	ABHV	0 MEL1.5 (Ohm-m) 40
6 CALIPER (in) 16	10 (ft3) 0	0 MEL2.0 (Ohm-m) 40
	TBHV	
	0 (ft3) 10	



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	TBHV	
	0 (ft3) 10	

Calibration Report

Database File 30956pe8.db
Dataset Pathname pass8.1
Dataset Creation Sun Mar 06 03:24:24 2016

MICRO_USR Calibration Report

Serial Number: 070911
Tool Model: ProbeL
Performed: Wed Nov 04 20:04:04 2015

Caliper Calibration:	Gain=4.161	Offset=1.700
	Low Cal	High Cal
References	8.000	14.000
Readings	1.333	2.775
1.5" Calibration:	Gain=37.000	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	0.843
2" Calibration:	Gain=35.000	Offset=0.650
	Low Cal	High Cal
References	0.000	20.000
Readings	0.021	0.810

Microlog Calibration Report

Serial-Model: 070911-ProbeL
Performed: Sat Apr 11 01:13:01 2015

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number:	7	
Tool Model:	Probe1	
Performed:	Wed Nov 04 20:14:31 2015	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4000	GAPI/cps