MICRO RESISTIVITY LOG

Company	Jason Oil Company
Well	Schoenberger # 2-17
Field	Trapp
County	Russell
State	Kansas

Company Jason Oil Company
Well Schoenberger # 2-17
Field Trapp
County Russell State Kansas

Location: API # : 15 167 23865
330' FSL & 700' FWL
SEC 17 TWP 15S RGE 13W

Other Services
CDNL
DIL

Permanent Datum Ground Level Elevation 1776'
Log Measured From KB 8' AGL
Drilling Measured From KB

Elevation
K.B. 1784'
D.F. 1783'
G.L. 1776'

Date	4-28-13		
Run Number	Two		
Depth Driller	3300'		
Depth Logger	3298'		
Bottom Logged Interval	3296'		
Top Log Interval	1500'		
Casing Driller	475'		
Casing Logger	475'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/46		
pH / Fluid Loss	9.5/9.2		
Source of Sample	Pit		
Rm @ Meas. Temp	1.65@80degf		
Rmf @ Meas. Temp	1.24@80degf		
Rmc @ Meas. Temp	1.99@80degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.19@111degf		
Time Circulation Stopped	9:30 a.m.		
Time Logger on Bottom	1:30 p.m.		
Maximum Recorded Temperature	111degf		
Equipment Number	T045		
Location	Hays		
Recorded By	L. Smith		
Witnessed By	Mr. Herb Deines	Mr. Jim Schoenberger	

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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 Gemini Wireline LLC
Hays, KS 785-625-1182

Main Pass

Database File: joschoenberger2-17oh.db
Dataset Pathname: pass4.1
Presentation Format: kml
Dataset Creation: Sun Apr 28 14:17:15 2013 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

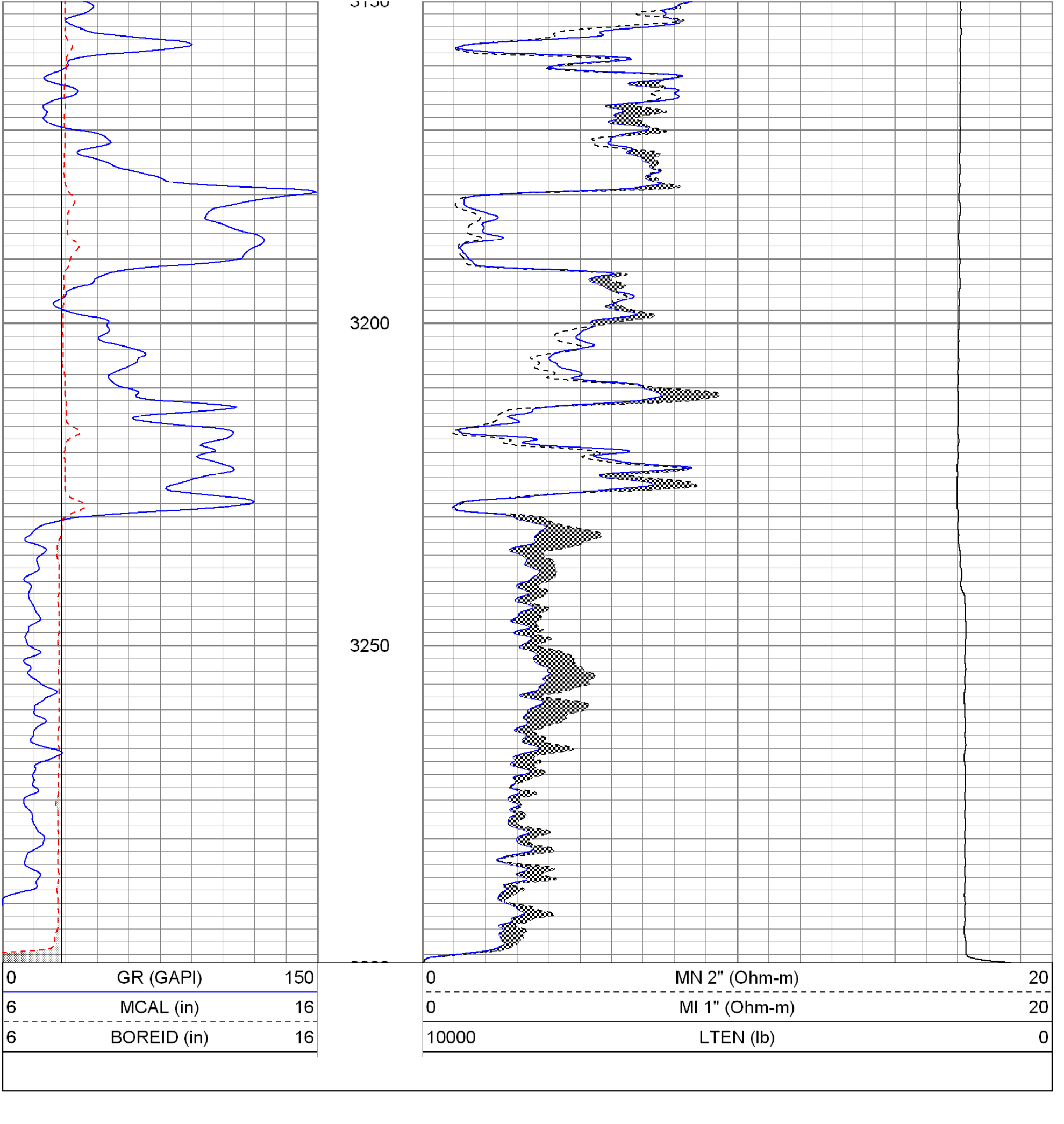
0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

Repeat Pass

Database File: joschoenberger2-17oh.db
Dataset Pathname: pass3.2
Presentation Format: kml
Dataset Creation: Sun Apr 28 14:32:04 2013 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0



0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

Calibration Report

Database File: joschoenberger2-17oh.db
Dataset Pathname: pass3
Dataset Creation: Sun Apr 28 13:29:19 2013 by Log Open-Cased 100827

Microlog Calibration Report

Serial-Model: 1600-Pengo
Performed: Sun Apr 28 13:25:46 2013

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0063	0.5892	V	0.0000	10.0000	Ohm-m	16.7921	0.1063
Inverse	-0.0042	0.7664	V	0.0000	10.0000	Ohm-m	12.9769	0.0547
Caliper	1.1428	2.4810	V	7.8500	14.0000	in	4.5956	2.5982

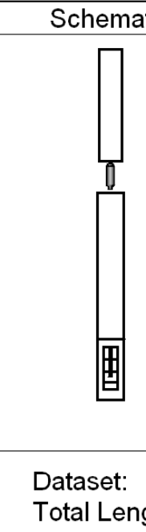
Gamma Ray Calibration Report

Serial Number: 801
Tool Model: 2.75POH
Performed: Fri Apr 26 03:18:40 2013

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	10.80		GR-2.75POH (801) Probe	3.73	2.75	43.00
			Probe	0.89	3.50	20.00
			ML-Pengo (1600)	6.96	3.50	100.00
MN MI MCAL	1.30 1.30 1.30					

Dataset: joschoenberger2-17oh.db: field/well/run1/pass3
Total Length: 11.58 ft
Total Weight: 163.00 lb
O.D. 3.50 in