MICRO LOG

Company JOE GERSTNER OIL, LLC.
Well WILLARD #1
Field KEYSTONE
County SCOTT State KS

Location: API # : 15 171 21282
1056' FSL & 465' FEL
SEC 24 TWP 18S RGE 32W

Other Services
CDNL
DIL

Permanent Datum	Ground Level	Elevation 2966'	Elevation
Log Measured From	KB 5' AGL		K.B. 2971
Drilling Measured From	KB		D.F. 2969
			G.L. 2966

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Well WILLARD #1
Field KEYSTONE
County SCOTT
State KS

Date	12/18/21	
Run Number	TWO	
Depth Driller	4643	
Depth Logger	4645	
Bottom Logged Interval	4643	
Top Log Interval	3700	
Casing Driller	8 5/8" @ 306'	
Casing Logger	306	
Bit Size	7 7/8"	
Type Fluid in Hole	Chemical	Chlorides3400 ppm
Density / Viscosity	9.2/61	
pH / Fluid Loss	10.5/8.0	
Source of Sample	Pit	
Rm @ Meas. Temp	.8@60degf	
Rmf @ Meas. Temp	.60@60degf	
Rmc @ Meas. Temp	.96@60degf	
Source of Rmf / Rmc	Calculated	
Rm @ BHT	.36@130degf	
Time Circulation Stopped	10:15 A.M.	
Time Logger on Bottom	1:00 PM	
Maximum Recorded Temperature	107degf	
Equipment Number	T605	
Location	Hays, KS	
Recorded By	GUS PFANENSTIEL	
Witnessed By	ANDREW STENZEL	

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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

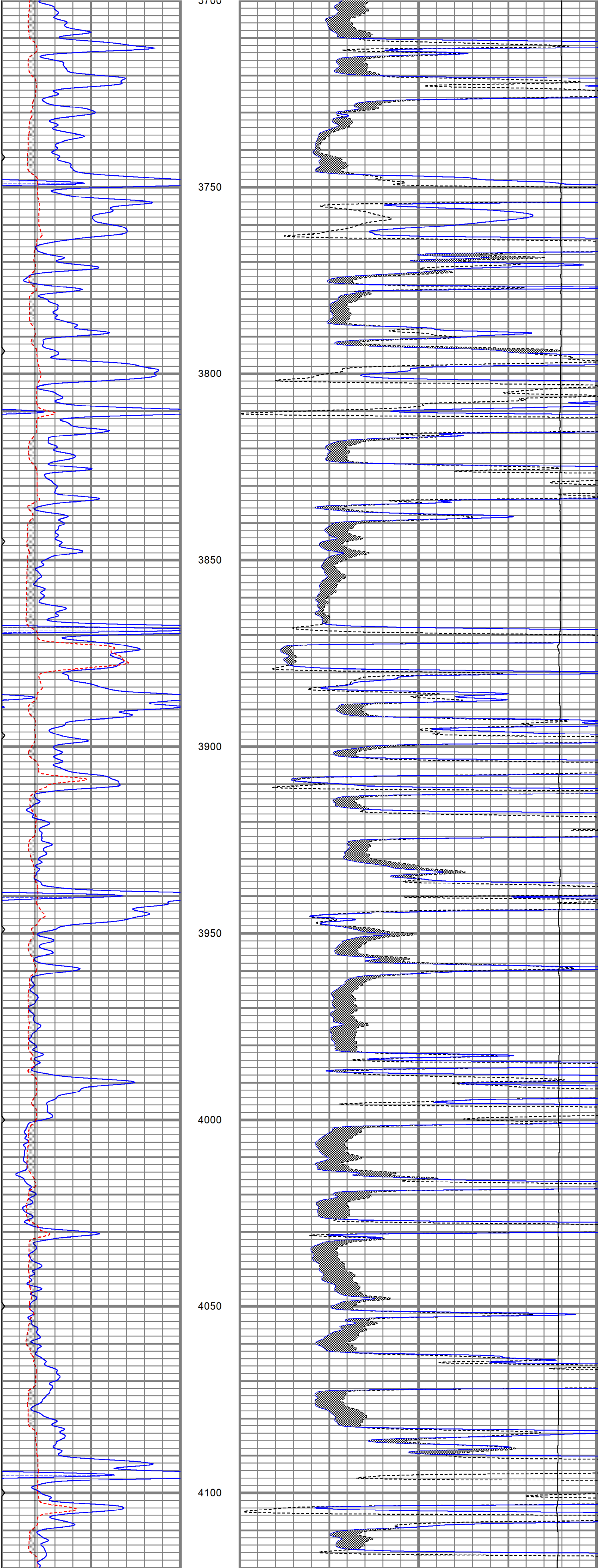
SCOTT CITY WEST TO RODEO RD, SOUTH 3/4 MILE, WEST INTO.

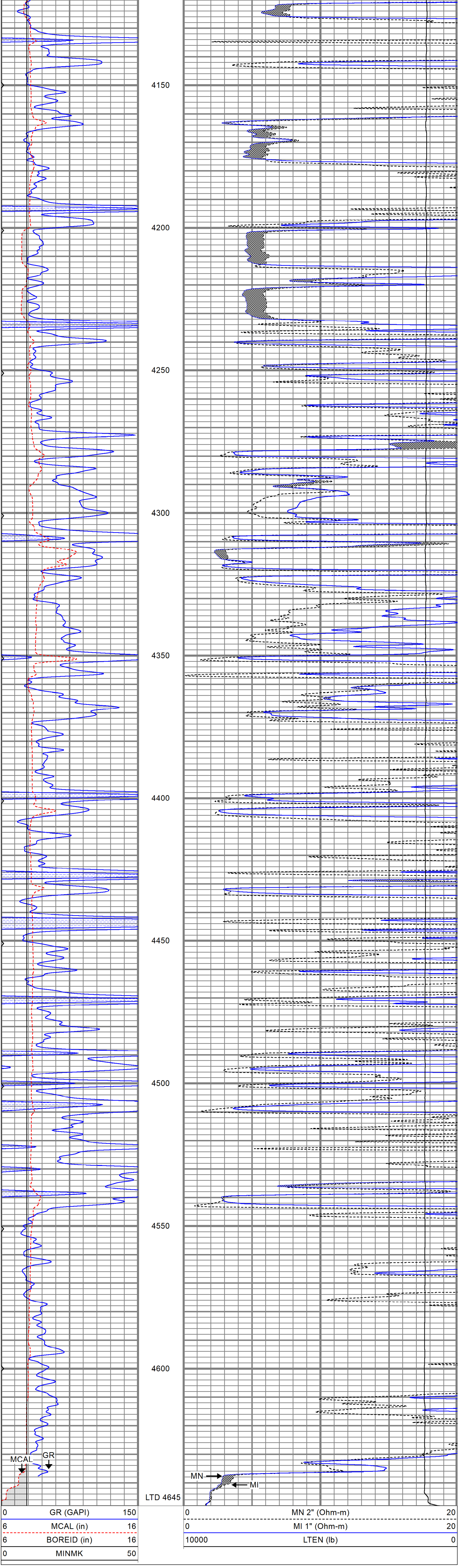
Thank You for using Gemini Wireline LLC
785-625-1182

MAIN PASS

Database File	jgwillard#1oh.db
Dataset Pathname	pass5.1
Presentation Format	kml
Dataset Creation	Sat Dec 18 15:24:15 2021
Charted by	Depth in Feet scaled 1:240

Min	Curve	Max
0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50
0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0



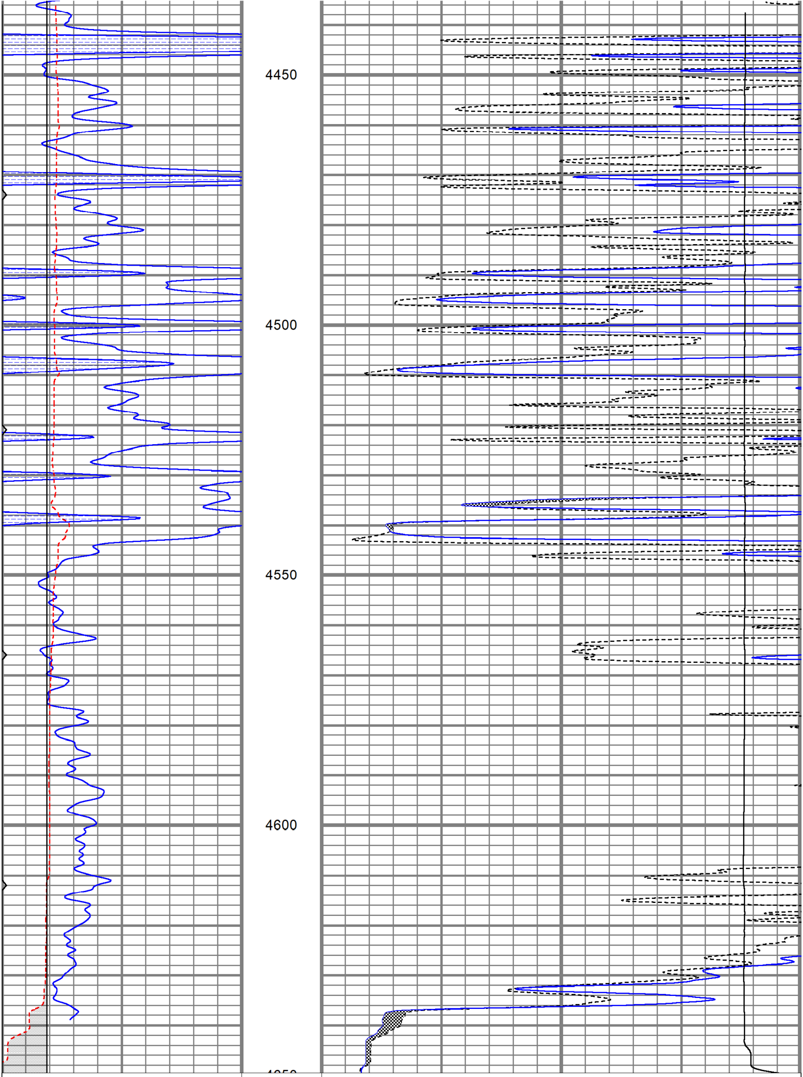


REPEAT SECTION

Database File	jgwillard#1oh.db
Dataset Pathname	pass4.1
Presentation Format	kml
Dataset Creation	Sat Dec 18 15:19:08 2021
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

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



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Calibration Report

Database File	jgwillard#1oh.db
Dataset Pathname	pass4.1
Dataset Creation	Sat Dec 18 15:19:08 2021

Microlog Calibration Report

Serial-Model:	1600-Pengo
Performed:	Sat Dec 18 14:54:29 2021

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0317	0.4946	V	0.0000	10.0000	Ohm-m	18.9986	1.6026
Inverse	-0.0462	0.6605	V	0.0000	10.0000	Ohm-m	14.1487	1.6541
Caliper	3.2319	6.4483	V	8.0000	15.0000	in	2.1764	0.9162

Gamma Ray Calibration Report

Serial Number:	2001	
Tool Model:	OH	
Performed:	Sat Sep 4 22:48:39 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.8000	GAPI/cps