GEMINI WIRELINE

MICRO RESISTIVITY LOG

Company	Patterson Energy
Well	Rogers #1
Field	Kraft-Prusa
County	Barton
State	Kansas
Location	400' FNL & 1650' FWL
	A-R-K 15-09S-25E-07-20-51
County	Barton
State	Kansas
Permanent Datum	GL
Log Measured From	3.5 AGL
Drilling Measured From	KB
Date	10/11/21
Run Number	1
Depth-Driller	3400
Depth-Logger	3400
Bottom Logged Interval	3400
Top Log Interval	2700
Casing Driller	8 5/8 @ 0'
Casing Logger	
Bit Size	7 7/8"
Type Fluid in Hole	Chemical
Density / Viscosity	9.2 / 58
PH / Fluid Loss	10.5 / 4.0
Source of Sample	Flowline
Rm @ Meas. Temp	0.7 @ 70
Rmf @ Meas. Temp	0.6 @ 70
Rmc @ Meas. Temp	1.0 @ 70
Source: Rmf / Rmc	Calculated / Calculated
Rm @ BHT	0.4 @ 100
Time Since Circulation	12 hrs
Time Since Last Log	1 hr
Max Recorded Temp	100
Equipment / Location	1010 / Hays
Recorded By	Tyler
Witnessed By	Gerry Pechan

Other Services: CDNL

*** Field Notes ***

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 interpretations, and we shall not, except in the gross negligence of our officers or supervisory personnel, 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

Claflin,KS North on 130 Ave/3rd St for 7 mi to 180 Rd.,
Then West on 180 Rd 1/2 mi. South into Location

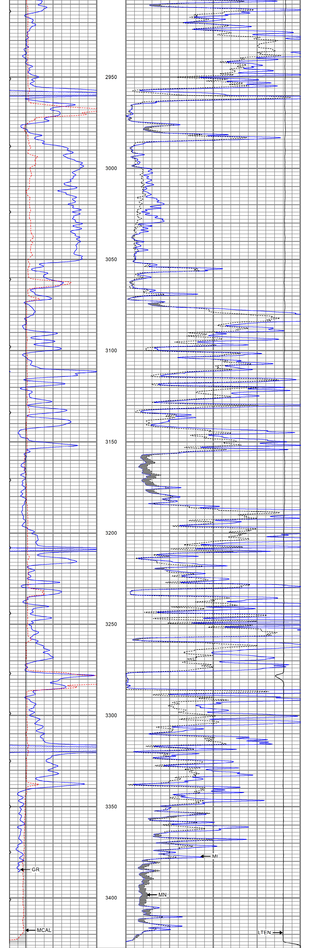
LATITUDE/LONGITUDE
38.6223173, -98.547651

Thanks for using Gemini Wireline LLC
785-625-1182

GEMINI WIRELINE

MAIN PASS

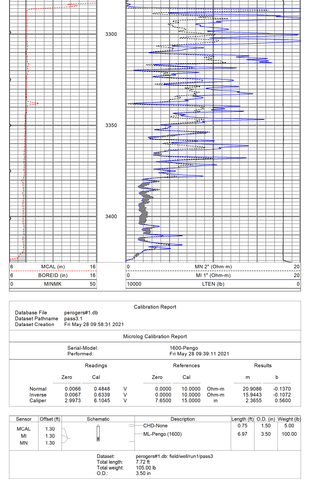
Database File	pengerst#1.db
Dataset Pathname	pass3
Presentation Format	sml
Dataset Creation	Fri May 28 09:39:31 2021
Charted by	Depth in Feet scaled 1:240



GEMINI WIRELINE

REPEAT SECTION

Database File	pengerst#1.db
Dataset Pathname	pass3.1
Presentation Format	sml
Dataset Creation	Fri May 28 09:58:31 2021
Charted by	Depth in Feet scaled 1:240



Calibration Report

Database File	pengerst#1.db
Dataset Pathname	pass3.1
Dataset Creation	Fri May 28 09:58:31 2021

Micrologs Calibration Report

Serial-Model:	1600-Pengo
Performed:	Fri May 28 09:39:11 2021

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0066	0.4848	V	0.0000	10.0000	Ohm-m	20.9086	-0.1370
Inverse	0.0067	0.8339	V	0.0000	10.0000	Ohm-m	15.9443	-0.1072
Caliper	2.9973	6.1045	V	7.6500	15.0000	in	2.3655	0.5602

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MCAL	1.30		CHD-None	0.75	1.50	5.00
MI	1.30		ML-Pengo (1600)	6.97	3.50	100.00
MN	1.30					

Dataset: pengerst#1.db: field/wellrun1/pass3
Total length: 7.72 ft
Total weight: 105.00 lb
O.D.: 3.50 in