Company	Patterson Energy
Well	Mueller #1
Field	Bloomer
County	Barton
State	Kansas
Location	330' FNL & 990' FEL
Section	10
Township	20 S
Range	13 W
Elevation	1907
Date	10/20/2021
Operator	Jason Alm
Drilling Contractor	Company Tool
Bit Size	7 7/8"
Type Fluid	GEL
Max Rec Temp	109°F
Equipment	50 mile
Recorded By	Jason Alm
Witnessed By	Not Witnessed

GEMINI WIRELINE

MICRO RESISTIVITY LOG

Run Number	One				
Depth Driller	3300				
Depth Logger	3298				
Bottom Logged Interval	3298				
Top Log Interval	2000				
Open Hole Size	7 7/8"				
Type Open Hole	Fluid				
Max Rec Temp	109°F				
Estimated Cement Top					
Max Rec Time	1 hr				
Equipment	50 mile				
Location	Ellinwood, KS				
Recorded By	Jason Alm				
Witnessed By	Not Witnessed				
Run Number	One				
Depth Driller	3300				
Depth Logger	3298				
Bottom Logged Interval	3298				
Top Log Interval	2000				
Open Hole Size	7 7/8"				
Type Open Hole	Fluid				
Max Rec Temp	109°F				
Estimated Cement Top					
Max Rec Time	1 hr				
Equipment	50 mile				
Location	Ellinwood, KS				
Recorded By	Jason Alm				
Witnessed By	Not Witnessed				

Run Number	Depth Driller	Depth Logger	Bottom Logged Interval	Top Log Interval	Casing Driller Size @ Depth	Casing Logger Size @ Depth	Bit Size	Type Fluid in Hole	Density / Viscosity	pH / Fluid Loss	Source of Sample	Rm @ Meas Temp	Rmf @ Meas Temp	Rmc @ Meas Temp	Source Rmf / Rmc	Rm @ BHT	Time Since Circulation	Time Since Closed	Max Rec Temp	Equipment Location	Recorded By	Witnessed By
One	3300	3298	3298	2000			7 7/8"	Fluid											109°F	50 mile	Jason Alm	Not Witnessed
One	3300	3298	3298	2000			7 7/8"	Fluid											109°F	50 mile	Jason Alm	Not Witnessed

>>> Field Help >>>

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

East of Claflin, KS Approx 3 mi. to NE 160th Ave.
Then South for 1 mi(across Railroad Tracks). West into Location

Thanks for using Gemini Wireline LLC
785-625-1182

GEMINI WIRELINE

MAIN PASS

Database File pemueller#1oh.db
Dataset Pathname pass4
Presentation Format xmr
Dataset Creation Wed May 05 21:14:46 2021
Charted by Depth in Feet scaled 1:240

0 GR (GAPI) 150
6 MCAL (in) 16
6 BORED (in) 16
0 MINMN 50

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 BORED (in) 16
0 MINMN 50

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

GEMINI WIRELINE

REPEAT SECTION

Database File pemueller#1oh.db
Dataset Pathname pass3
Presentation Format xmr
Dataset Creation Wed May 05 21:05:56 2021
Charted by Depth in Feet scaled 1:240

0 GR (GAPI) 150
6 MCAL (in) 16
6 BORED (in) 16
0 MINMN 50

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 BORED (in) 16
0 MINMN 50

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

Calibration Report

Database File pemueller#1oh.db
Dataset Pathname pass3
Dataset Creation Wed May 05 21:05:56 2021

Microlog Calibration Report

Serial-Model:	1600-Pwrgp
Performed:	Wed May 5 21:04:10 2021

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0018	0.4846	V	0.0000	10.0000	Ohm-m	20.7125	-0.0375
Inverse	-0.0153	0.6404	V	0.0000	10.0000	Ohm-m	15.2818	0.2333
Caliper	2.9973	6.1045	V	7.6500	15.0000	in	2.3655	0.5600

Gamma Ray Calibration Report

Serial Number:	2000
Tool Model:	P2000
Performed:	Sun May 6 10:04:13 2018
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	0.7000 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	8.38		CHD-None	0.75	1.50	5.00
MCAL	1.30		GR-P2000 (2000)	3.67	3.25	40.00
MI	1.30		ML-Pwrgp (1600)	6.97	3.50	100.00
MN	1.30					

Dataset: pemueller#1oh.db: field#run1pass4
Total length: 11.38 ft
Total weight: 145.00 lb
O.D. 3.50 in