Company	JEL RESOURCES LLC
Well	J.L. KELLMAN #1-3
Field	GITSI
County	STAFFORD
State	KANSAS

MICRO LOG

Company	JEL RESOURCES, L.L.C.
Well	J. L. KELLMAN #1-3
Location	1320' FSL & 1320' FWL
	SEC. 3 TWP. 24 S. RGE. 13 W
County	STAFFORD
State	KANSAS
Date	04-25-2018
Elevation	1848 KB
Permanent Datum	GROUND
Log Measured From	12 FT. ABOVE PERMANENT DATUM
Drilling Measured From	KB
Depth Driller	3600
Depth Logger	3596
Bottom Log Interval	3590
Top Log Interval	2800
Casing Driller	8 5/8 @ 224
Casing Logger	224
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL LIGNITE
Density / Viscosity	9.1 / 54
pH / Fluid Loss	10.0 / 4.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	.101 @ 80
Rmf @ Meas. Temp.	.085 @ 80
Rmc @ Meas. Temp.	.127 @ 80
Source Rmf / Rmc	CALCULATED / CALCULATED
Rm @ BHT	.064 @ 120
Time Since Circulation	12 HRS
Time Logger on Bottom	1:30 AM
Equipment Number	12-1
Location	HAYS, KS
Recorded By	D. BARTOS
Witnessed By	MR. JEL

Run Number	ONE	TWO	THREE
Bottom Log Interval	3590		
Top Log Interval	2800		
Casing Driller	8 5/8 @ 224		
Casing Logger	224		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL LIGNITE		
Density / Viscosity	9.1 / 54		
pH / Fluid Loss	10.0 / 4.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp.	.101 @ 80		
Rmf @ Meas. Temp.	.085 @ 80		
Rmc @ Meas. Temp.	.127 @ 80		
Source Rmf / Rmc	CALCULATED / CALCULATED		
Rm @ BHT	.064 @ 120		
Time Circulation Ended	12 HRS		
Time Logger on Bottom	1:30 AM		
Equipment Number	12-1		
Location	HAYS, KS		
Recorded By	D. BARTOS		
Witnessed By	MR. JEL		

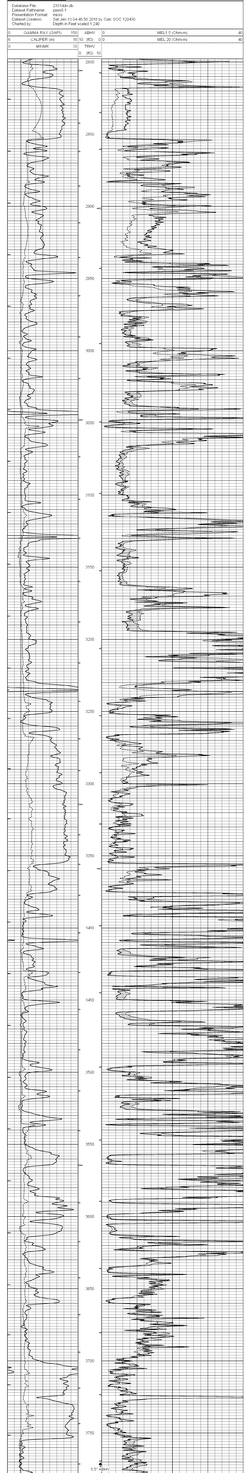
Comments

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6305
DIRECTIONS
GREAT BEND, KS., 145. ON HWY 281 TO K-19 JUNCTION, 14E., N. INTO

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 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 forth in our current Price Schedule.

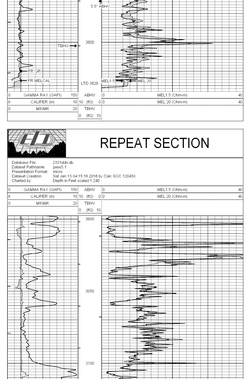
MAIN SECTION

Database File: 2018-04-dlb
Dataset Pathname: pass1.1
Presentation Format: micro
Dataset Creation: Sat Jan 13 04:48:50 2018 by Calc SOC 120450
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: 2018-04-dlb
Dataset Pathname: pass1.1
Presentation Format: micro
Dataset Creation: Sat Jan 13 04:45:16 2018 by Calc SOC 120450
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: 2018-04-dlb
Dataset Pathname: pass1.1
Dataset Creation: Sat Jan 13 04:48:50 2018 by Calc SOC 120450

MICRO Calibration Report

Serial Number	01043		
Tool Model	Prolog4		
Performed	Mon Jan 28 16:25:56 2019		
Caliper Calibration	Gain=2.945	Offset=7.624	
References	Low Cal	High Cal	
Readings	7.680	10.600	
	0.489	3.265	
1.5" Calibration	Gain=42.000	Offset=-0.600	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.052	1.234	
2" Calibration	Gain=40.000	Offset=-1.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.063	1.073	

Gamma Ray Calibration Report

Serial Number	01043G		
Tool Model	GR(Sp) Jdk		
Performed	Sat Jan 13 04:54:53 2018		
Calibrator Value	1.0	GAPI	
Background Reading	0.0	cps	
Calibrator Reading	1.0	cps	
Sensitivity	0.2800	GAPI/cps	