LITHO DENSITY NEUTRON LOG

GEMINI WIRELINE

Company PALOMINO PETROLEUM
Well STONEWALL #1
Field N/A
County CLARK
State KS

Company	PALOMINO PETROLEUM
Well	STONEWALL #1
Field	N/A
County	CLARK
State	KS
API #:	15 025 21618
Location:	2550' FSL & 1650' FEL
	SEC 36 TWP 31S RGE 21W
Other Services	DIL ML
Permanent Datum	Ground Level
Elevation	1979
Log Measured From	KB 12' AGL
Drilling Measured From	KB
Elevation	K.B. 1991 D.F. 1989 G.L. 1979

Date	1/7/22
Run Number	One
Depth Driller	6485
Depth Logger	6485
Bottom Logged Interval	6465
Top Log Interval	3700
Casing Driller	8 5/8" @ 750'
Casing Logger	750
Bit Size	7 7/8"
Type Fluid in Hole	Chemical
Density / Viscosity	9.4/65
pH / Fluid Loss	10/10
Source of Sample	Pit
Rm @ Meas. Temp	2.1@60degf
Rmf @ Meas. Temp	1.6@60degf
Rmc @ Meas. Temp	2.52@60degf
Source of Rmf / Rmc	Calculated
Rm @ BHT	1.04@121degf
Time Circulation Stopped	10 A.M.
Time Logger on Bottom	1:30 PM
Maximum Recorded Temperature	121degf
Equipment Number	T605
Location	Hays, KS
Recorded By	GUS PFANENSTIEL
Witnessed By	RYAN DAVIS

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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

BUCKLIN SOUTH TO M RD., EAST 5 MILES,
NORTH INTO.

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

MAIN PASS

GEMINI WIRELINE

Database File	ppstonewall#1oh.db
Dataset Pathname	pass2.1
Presentation Format	digital_kcdnl
Dataset Creation	Fri Jan 07 15:36:03 2022
Charted by	Depth in Feet scaled 1:240

0 GR (GAPI) 150
6 DCAL (in) 16
6 BOREID (in) 16
TBHV (ft3)
DEVI (deg)
30 NPOR (pu) -10
30 DPOR (pu) -10
70 DPOR (pu) 30
0 Pe (barn) 10
-0.25 RHOC (g/cc) 0.25
TEMP (degF)
8000 LTEN (lb) 0
ABHV (ft3)

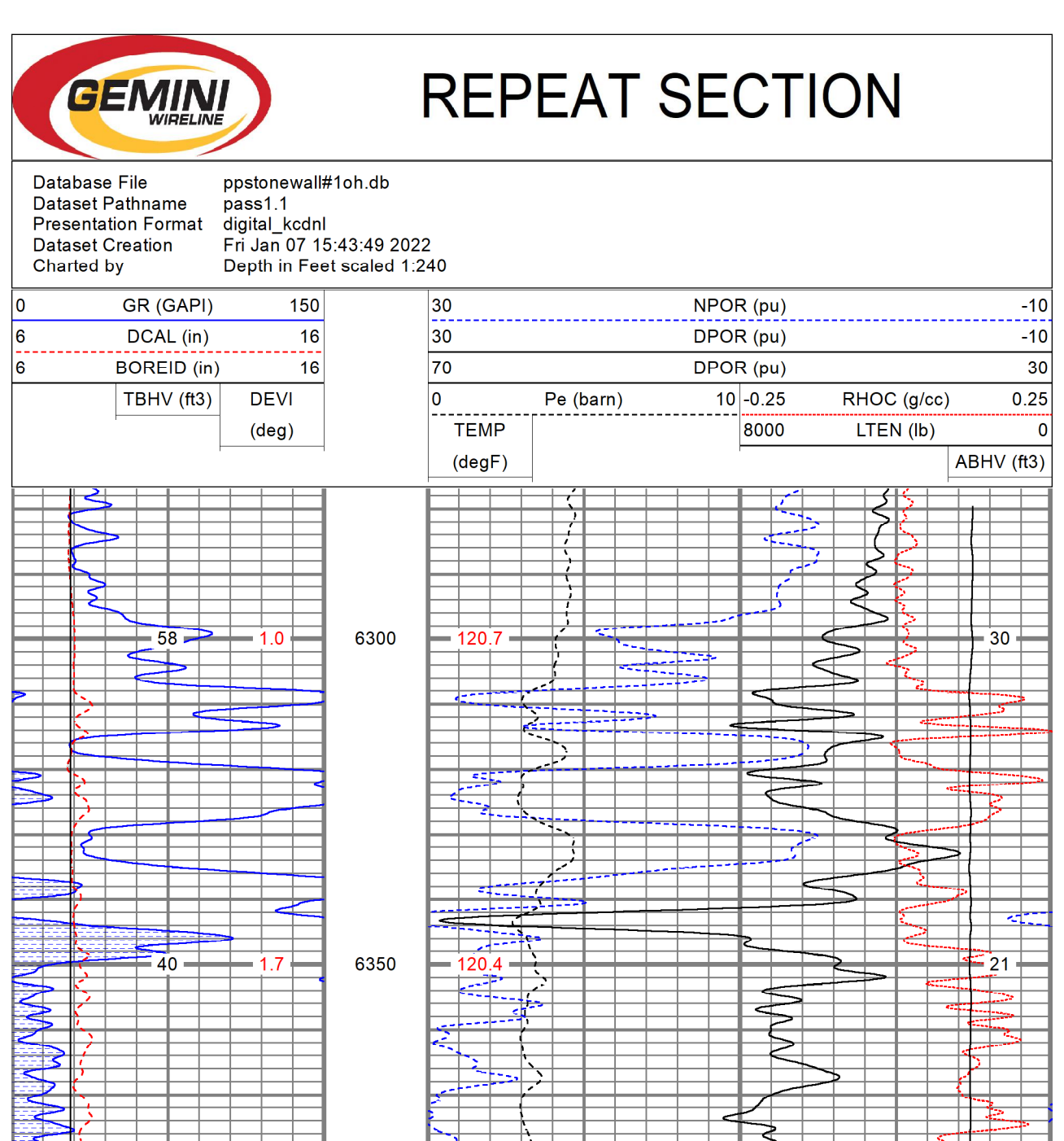
0 GR (GAPI) 150
6 DCAL (in) 16
6 BOREID (in) 16
TBHV (ft3)
DEVI (deg)
30 NPOR (pu) -10
30 DPOR (pu) -10
70 DPOR (pu) 30
0 Pe (barn) 10
-0.25 RHOC (g/cc) 0.25
TEMP (degF)
8000 LTEN (lb) 0
ABHV (ft3)

REPEAT SECTION

GEMINI WIRELINE

Database File	ppstonewall#1oh.db
Dataset Pathname	pass1.1
Presentation Format	digital_kcdnl
Dataset Creation	Fri Jan 07 15:43:49 2022
Charted by	Depth in Feet scaled 1:240

0 GR (GAPI) 150
6 DCAL (in) 16
6 BOREID (in) 16
TBHV (ft3)
DEVI (deg)
30 NPOR (pu) -10
30 DPOR (pu) -10
70 DPOR (pu) 30
0 Pe (barn) 10
-0.25 RHOC (g/cc) 0.25
TEMP (degF)
8000 LTEN (lb) 0
ABHV (ft3)



0 GR (GAPI) 150
6 DCAL (in) 16
6 BOREID (in) 16
TBHV (ft3)
DEVI (deg)
30 NPOR (pu) -10
30 DPOR (pu) -10
70 DPOR (pu) 30
0 Pe (barn) 10
-0.25 RHOC (g/cc) 0.25
TEMP (degF)
8000 LTEN (lb) 0
ABHV (ft3)

Calibration Report

Database File	ppstonewall#1oh.db
Dataset Pathname	pass1.1
Dataset Creation	Fri Jan 07 15:43:49 2022

Dual Induction Calibration Report

Serial-Model:	1842-ADM
Surface Cal Performed:	Mon Sep 20 22:00:42 2021
Downhole Cal Performed:	Mon Sep 20 22:00:24 2021
After Survey Verification Performed:	Mon Sep 20 22:05:52 2021

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.475	-9.896
Medium	0.003	0.769	V	0.000	400.000	mmho/m	522.607	-1.745
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.240	-9.549
Medium	0.003	0.768	V	0.000	550.000	mmho/m	718.637	-2.088

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.219	349.905	mmho/m	-0.343	349.810	mmho/m	1.000	-3.124
Medium	-0.118	399.722	mmho/m	-0.226	399.745	mmho/m	1.000	-3.108
Shallow	2.536	0.025	V	500.000	2.000	Ohm-m	180.330	-1.504

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.219	349.905	mmho/m	1.000	-3.124
Medium	0.000	0.000	mmho/m	-0.118	399.722	mmho/m	1.000	-3.108
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Neutron Calibration Report

Serial Number:	AD5139	
Tool Model:	ADMY5139	
Performed:	(Not Performed)	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Temperature Calibration Report

Serial Number: WithMC
Tool Model: WMC
Performed: Fri Apr 19 12:15:04 2019

	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF

Gain: 1.00
Offset: 0.00
Delta Spacing 1

Inclinometer Calibration Report

Performed: Wed May 5 19:20:48 2021

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Gamma Ray Calibration Report

Serial Number:	WithMC	
Tool Model:	WMC	
Performed:	Wed May 5 19:21:08 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps