

Company	John O Farmer Inc.	Well	States A #1	Field	Hansen West	County	Phillips	State	Kansas
Location:	1010 FNL & 1075 FEL	APR#:	15 147 20881	SEC	15	TWP	5S	RGE	20N
Permanent Datum	KB	Ground Level	KB 5' ASL	Elevation	2130	Other Services	ML	DIL	
Log Measured From	KB	Drilling Measured From	KB	Elevation	K.B. 2135' D.L. 2134' G.L. 2130'				
Date	6-20-12	Run Number	3619	One					
Depth	3619	Depth Logger	3619						
Bottom Logged Interval	3619								
Top Log Interval	3007								
Casing Depth	219								
Casing Log Interval	219								
Gas Logging Interval	719								
Gas Logging Log Interval	719								
Turns Flt in Hole	Chemical Mud								
Density / Viscosity	9.252								
pH / Fluid Loss	11.08.0								
Source of Sample	Pit								
Run @ Meas. Temp	1.8@77degF								
Run @ Meas. Temp	1.44@77degF								
Run @ Meas. Temp	2.3@77degF								
Source of Fluid / Rinse	Calculated								
Run @ BHT	1.3@105degF								
Time Caution Stopped	3:30 a.m.								
Time Logged on Bottom	5:45 a.m.								
Maximum Recorded Temperature	105 degF								
Equipment Number	105								
Location	Hays KS								
Recorded By	L. Smith								
Witnessed By	M. Austin Klaus								

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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

ABHV Calculated For 5.5" Casing

Thank you for using The Perforators LLC
Hays, KS (785) 621-4604

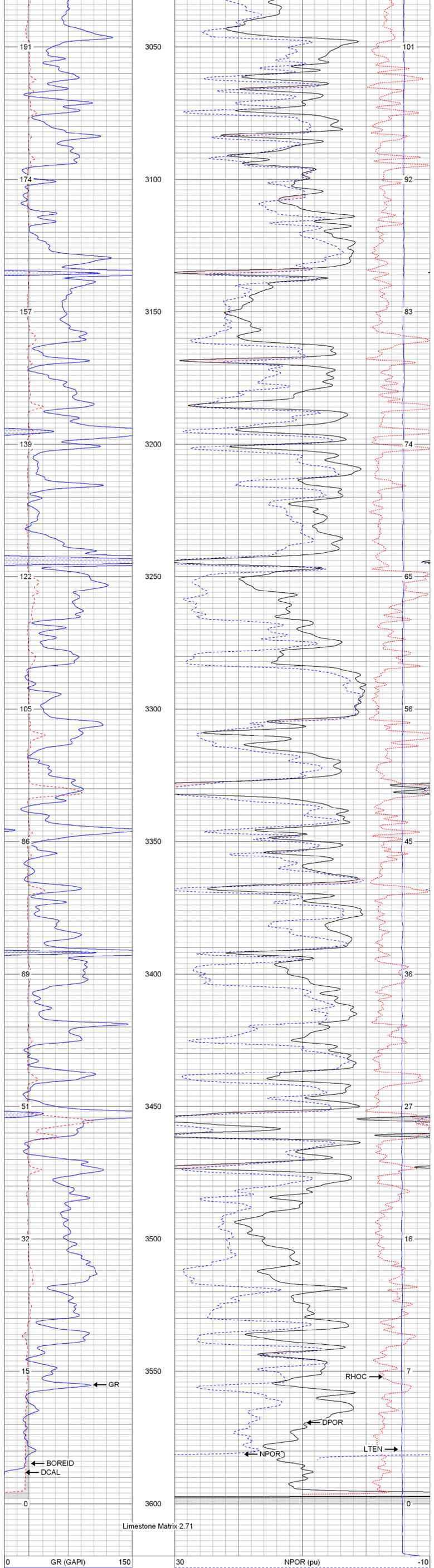
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Main Pass

Database File: jofstates2#1oh.db
Dataset Pathname: pass2
Presentation Format: kcdnl
Dataset Creation: Wed Jun 20 06:03:21 2012 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1.240

0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30

TBHV (ft3)	-0.25	RHOC (g/cc)	0.25
	8000	LTEN (lb)	0



0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30

TBHV (ft3)	-0.25	RHOC (g/cc)	0.25
	8000	LTEN (lb)	0

Limestone Matrix 2.71

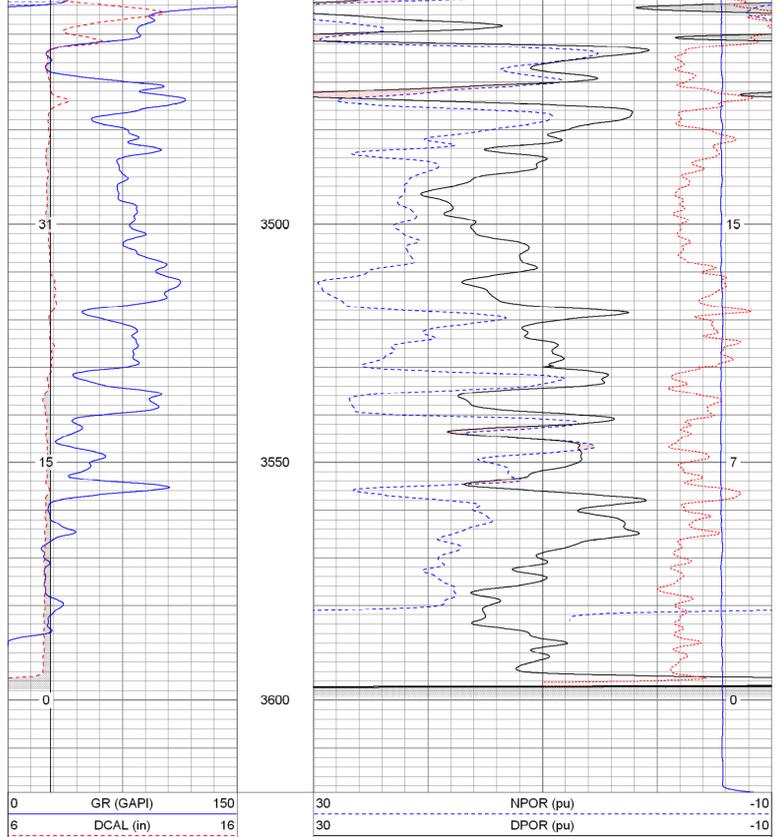
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Repeat Pass

Database File: jofstates2#1oh.db
Dataset Pathname: pass1
Presentation Format: kcdnl
Dataset Creation: Wed Jun 20 05:53:26 2012 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1.240

0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30

TBHV (ft3)	-0.25	RHOC (g/cc)	0.25
	8000	LTEN (lb)	0



0	GR (GAPI)	150	30	NPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
6	BOREID (in)	16	70	DPOR (pu)	30

TBHV (ft3)	-0.25	RHOC (g/cc)	0.25
	8000	LTEN (lb)	0

Calibration Report

Database File: jofstates2#1oh.db
Dataset Pathname: pass1
Dataset Creation: Wed Jun 20 05:53:26 2012 by Log Open-Cased 100827

Dual Induction Calibration Report

Serial-Model: 5375-G
Surface Cal Performed: Wed Jun 20 05:38:27 2012
Downhole Cal Performed: Wed Jun 20 05:38:30 2012

Surface Calibration

Loop:	Readings		References	Results				
	Air	Loop		m	b			
Deep	0.003	0.639	V	0.000	350.000	mmho/m	550.105	-1.380
Medium	0.006	0.742	V	0.000	400.000	mmho/m	543.466	-3.062

Downhole Calibration

Internal:	Readings		References	Results				
	Zero	Cal		m	b			
Deep	0.002	0.639	V	0.000	350.000	mmho/m	549.915	-1.269
Medium	0.006	0.742	V	0.000	550.000	mmho/m	747.501	-4.412

Compensated Density Calibration Report

Serial-Model: 2501DHT-DHT
Source / Verifier: /
Master Calibration Performed: Thu Jun 07 07:55:52 2012

Master Calibration

	Density		Far Detector		Near Detector	
	Size	Reading	Size	Reading	Size	Reading
Magnesium	1.750	g/cc	730.34		284.20	
Aluminum	2.680	g/cc	135.83		183.82	

Spine Angle = 75.48 Density/Spine Ratio = 0.535

Gamma Ray Calibration Report

Serial Number: 2000
Tool Model: P2000
Performed: Tue Jun 19 18:23:04 2012

Calibrator Value: 1.0 GAPI
Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps
Sensitivity: 0.2200 GAPI/cps

Neutron Calibration Report

Serial Number: 5108
Tool Model: PROBE
Performed: Tue May 29 17:59:56 2012

Calibrator Value: 1 NAPI
Calibrator Reading: 1 cps
Sensitivity: 1 NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
NEU	37.96		None	0.75	1.50	5.00
			NEU-PROBE (5108)	4.92	3.63	85.00
GR	32.57		GR-P2000 (2000)	3.67	3.25	40.00
LSD	23.78		CDL-DHT (2501DHT)	9.69	4.00	201.00
DCAL	23.49		Digital High Temp CDL Tool			
SSD	23.24					
HEADVOLT	21.47					
CILD	10.60					
SP	10.60					
CILM	6.89					
RLL3	1.70					

Dataset: jofstates2#1oh.db; field/well/run/1/pass1
Total Length: 40.49 ft
Total Weight: 676.00 lb
O.D.: 4.00 in