

Company	John O Farmer Inc.	Well	States A #1	Field	Hansen West	County	Phillips	State	Kansas
Location:	1010' FNL & 1075' FEL	AP# :	15 14720681	Other Services	DIL CDNL	Perment Datum	SEC 15 TWP S5 RGE 20W	Ground Level	Elevation 2130'
Date	6-20-12	Run Number	Two	Log Measured From	KB 5 AGL	Dilling Measured From	KB	Elevation	K 8 2135' D L 2134' G L 2130'
Depth Driller	3619'	Bottom Logged Interval	3000'	Top Log Interval	3617'	Casino Driller	219'	BIT Size	7 7/8"
Type Fluid In Hole	Chemical Mud	Density / Viscosity	9.2/32	pH / Fluid Loss	11.0/8.0	Source of Sample	PH	Rim @ Meas. Temp	1.44@77degr
Rim @ Meas. Temp	2.3@77degr	Source of Rtm / Rmc	Calculated	Rim @ BHT	1.3@108degr	Time Circulation Stopped	3:30 a.m.	Maximum Recorded Temperature	106 degf
Equipment Number	T045	Location	Hays, KS	Recorded By	L. Smith	Witnessed By	Mr. 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.

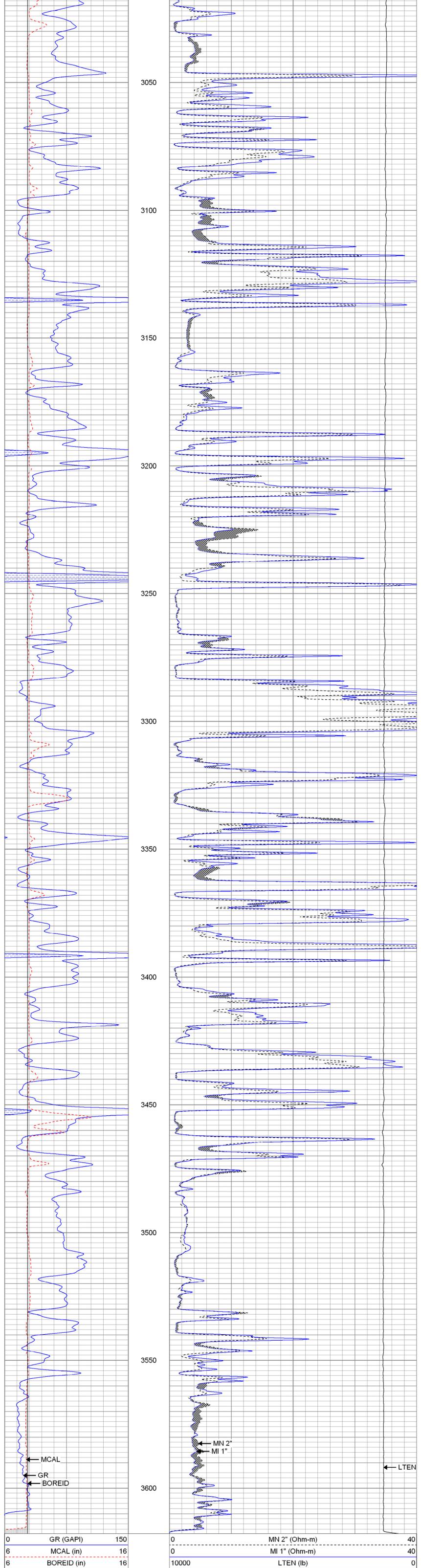
Comments

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

The Perforators Main Pass

Database File: jofstates2#1oh.db
 Dataset Pathname: pass4
 Presentation Format: kml
 Dataset Creation: Wed Jun 20 07:41:24 2012 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	0	MN 2" (Ohm-m)	40
6	MCAL (in)	16	0	MI 1" (Ohm-m)	40
6	BOREID (in)	16	10000	LTEN (lb)	0

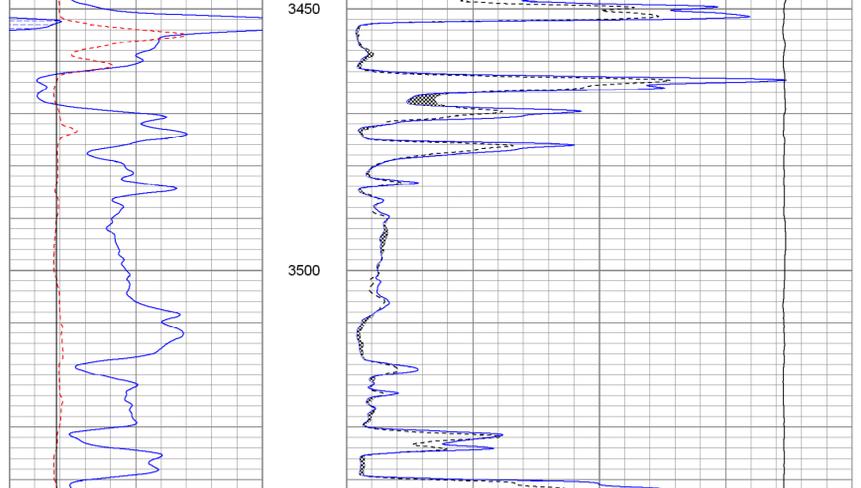


0	GR (GAPI)	150	0	MN 2" (Ohm-m)	40
6	MCAL (in)	16	0	MI 1" (Ohm-m)	40
6	BOREID (in)	16	10000	LTEN (lb)	0

The Perforators Repeat Pass

Database File: jofstates2#1oh.db
 Dataset Pathname: pass3
 Presentation Format: kml
 Dataset Creation: Wed Jun 20 07:29:01 2012 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	0	MN 2" (Ohm-m)	40
6	MCAL (in)	16	0	MI 1" (Ohm-m)	40
6	BOREID (in)	16	10000	LTEN (lb)	0



0	GR (GAPI)	150	0	MN 2" (Ohm-m)	40
6	MCAL (in)	16	0	MI 1" (Ohm-m)	40
6	BOREID (in)	16	10000	LTEN (lb)	0

Calibration Report

Database File: jofstates2#1oh.db
 Dataset Pathname: pass3
 Dataset Creation: Wed Jun 20 07:29:01 2012 by Log Open-Cased 100827

Microlog Calibration Report

Serial-Model: 012-Pengo
 Performed: Mon Jun 04 12:00:23 2012

	Readings			References		Results		
	Zero	Cal		Zero	Cal	m	b	
Normal	0.0022	0.4329	V	0.0000	10.0000	Ohm-m	23.2200	-0.0515
Inverse	0.0026	0.6000	V	0.0000	7.0000	Ohm-m	11.7171	-0.0303
Caliper	3.2460	6.8378	V	8.7500	15.0000	in	1.7401	3.1019

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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	8.38		GR-P2000 (2000)	3.67	3.25	40.00
MN MI MCAL	1.30		ML-Pengo (012)	6.96	3.50	100.00

Dataset: jofstates2#1oh.db: field/well/run1/pass3
 Total Length: 10.63 ft
 Total Weight: 140.00 lb
 O.D.: 3.50 in