The Perforators LLC
Wireline Services

Company	Jason Oil Company
Well	3 Stokes #F
Field	Trapp
County	Russell
State	Kansas
Formation	Lansing
Location	1 S Russell on 281 to Milburger sign, 1 1/4 E, N into.
Elevation	1800 ft
Date	4/4/2012
Time	10:00
Depth	3400 ft
Run	1
Bit	7 7/8"
Mud	Chemical
Max Temp	90 F
Rec. Temp	90 F
Max Pressure	1000 psi
Rec. Pressure	0 psi
Equipment	10 Mile
Recorded By	Jason Tomlinson
Witnessed By	Jason Tomlinson

COMPENSATED DENSITY NEUTRON LOG

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

5 of Russell on 281 to Milburger sign, 1 1/4 E, N into.

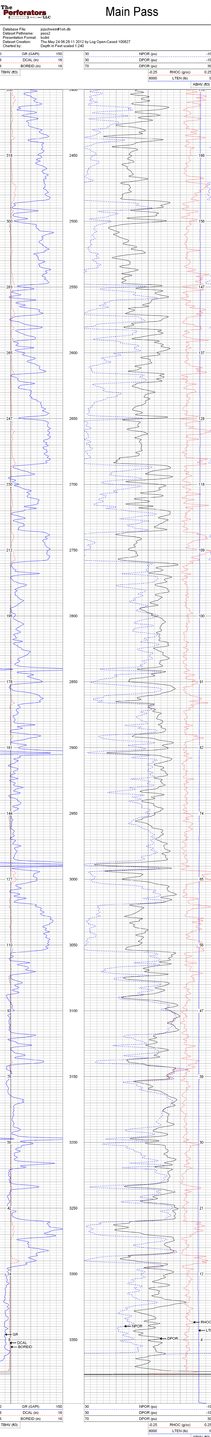
Thank you for using The Perforators LLC
Hays, KS 785-621-4604

Main Pass

The Perforators LLC
Wireline Services

Database File: jobs/bennett/ruh.db
Database Offset: 0 feet
Presentation Format: bdbl
Created: Thu May 24 08:39:11 2012 by Log Open-Cased 100627
Charted by: Depth in Feet scaled 1:240

R	GR (GAPI)	150	30	NPOR (pu)	-10		
R	DCAL (in)	16	30	DPOR (pu)	-10		
R	BORED (in)	16	70	DPOR (pu)	50		
Tbbnj (ft)			-0.25	RHOC (g/cc)	0.25		
			3000	LTEN (lb)	0		
							ABHV (ft)



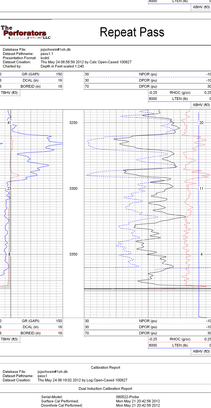
R	GR (GAPI)	150	30	NPOR (pu)	-10		
R	DCAL (in)	16	30	DPOR (pu)	-10		
R	BORED (in)	16	70	DPOR (pu)	50		
Tbbnj (ft)			-0.25	RHOC (g/cc)	0.25		
			3000	LTEN (lb)	0		
							ABHV (ft)

Repeat Pass

The Perforators LLC
Wireline Services

Database File: jobs/bennett/ruh.db
Database Offset: pass 1
Database Creation: Thu May 24 08:56:59 2012 by Calc Open-Cased 100627
Charted by: Depth in Feet scaled 1:240

R	GR (GAPI)	150	30	NPOR (pu)	-10		
R	DCAL (in)	16	30	DPOR (pu)	-10		
R	BORED (in)	16	70	DPOR (pu)	50		
Tbbnj (ft)			-0.25	RHOC (g/cc)	0.25		
			3000	LTEN (lb)	0		
							ABHV (ft)



R	GR (GAPI)	150	30	NPOR (pu)	-10		
R	DCAL (in)	16	30	DPOR (pu)	-10		
R	BORED (in)	16	70	DPOR (pu)	50		
Tbbnj (ft)			-0.25	RHOC (g/cc)	0.25		
			3000	LTEN (lb)	0		
							ABHV (ft)

Calibration Report

Database File: jobs/bennett/ruh.db
Database Offset: pass 1
Database Creation: Thu May 24 08:19:02 2012 by Log Open-Cased 100627

Dual Induction Calibration Report

Serial-Model: 9930DIT-A-H-W
Surface Cal Performed: Mon May 21 21:40:58 2012
Downhole Cal Performed: Mon May 21 20:42:56 2012
After Survey Verification Performed: Mon May 21 21:40:01 2012

Surface Calibration

	Readings			References			Results		
Loop	Air	Loop		Air	Loop		m	b	
Deep	0.000	0.639	V	0.000	400.000	mmho/m	627.163	-0.574	
Medium	0.000	0.739	V	0.000	400.000	mmho/m	650.206	-1.002	
Internal	Zero	Cal		Zero	Cal		m	b	
Deep	0.001	0.638	V	0.000	400.000	mmho/m	628.131	-0.717	
Medium	0.000	0.738	V	0.000	400.000	mmho/m	652.277	-1.083	

Downhole Calibration

	Readings			References			Results		
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.283	399.724	mmho/m	0.142	399.525	mmho/m	1.000	-0.142	
Medium	0.319	464.258	mmho/m	0.137	464.058	mmho/m	1.000	-0.136	
ILD		1.241	V		750.000	Ohm-m			
		1.241	V		750.000	Ohm-m			
		17.425	V		3740.000	mmho/m			

Compensated Density Calibration Report

Serial-Model: 9930DIT-DHT
Source - Verified: -
Master Calibration Performed: Thu May 24 05:44:22 2012

Monitor Calibration

	Density		Far Detector	Near Detector
Magnesium	1.750	g/cc	744-27	283.58 cps
Aluminum	2.680	g/cc	736-48	189.15 cps
	Spine Angle = 75.35		Density/Spine Ratio = 0.505	
			Reading	
Detail Ring	6.05	in	6064.22	
Large Ring	14.00	in	10296.80	

Gamma Ray Calibration Report

Serial Number: 2001
Master Cal Performed: 2001
Date: Thu May 24 05:04:30 2012

Calibration Value: 1.0 GAPI
Background Reading: 0.0 cps
Master Cal Reading: 1.0 cps
Sensitivity: 0.2500 GAPI/cps

Neutron Calibration Report

Serial Number: 9100
Master Cal Performed: 9100
Date: Fri Apr 20 16:12:36 2012

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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			None	0.75	1.50	0.00
NEU	37.85		NEUPROBE (5108) Probe	4.92	3.63	88.00
GR	32.32		GR-CNI (2001) Gamma	3.56	3.25	40.00
			COL-CNP (7001)(NT) Digital High Temp CSL Tool	9.68	4.00	331.00
LSD	23.78					
DCAL	23.48					
SSD	23.24					
HEADVALT	21.47					
CALI	10.80		DL-Probe (08002D) Probe Cross section	21.47	4.00	545.00
DP	10.80					
CALM	8.89					
RLL3	1.70					

Dataset: jobs/bennett/ruh.db; field=dbl/run1/pass1
Total Length: 40.34 ft
Total Weight: 476.00 lb
O.D.: 4.00 in