Company:	Charles N. Griffin		
Well:	Richardson #1		
Field:	St. John		
County:	Stafford		
State:	Kansas		
Date:	10/27/2011		
Elevation:	KB: 1918	GL: 1913	DF:
Location:	330' FSL & 990' FWL		
	Sec. 22 - 15S - 12E		
Drilling Contractor:	Southwind Drilling, Inc.	Rig # 1	
Date Run:	10/27/2011		
Depth Driller:	3900		
Depth Logger:	3901		
Bottom Log Interval:	3896		
Top Log Interval:	2800		
Casing Driller:	8 5/8" @ 221'		
Casing Logger:	221'		
Bit Size:	7 7/8"		
Type Fluid in Hole:	Chemical		
Density / Viscosity:	9.2 / 50		
PH / Fluid Loss:	10.0 / 6.0		
Source of Sample:	Flowline		
Rm @ Measured Temp:	1.0 @ 70		
Rmf @ Measured Temp:	1.0 @ 70		
Rmc @ Measured Temp:	1.5 @ 70		
Source: Rmf / Rmc:	Calc / Calc		
Rm @ BHT:	0.75 @ 100		
Time Since Circulation:	9 hrs		
Max. Recorded Temp:	100		
Equipment / Location:	10 / Hays		
Recorded By:	Tim Hall		
Witnessed By:	Mr. Bob Phillips		

The Perforators LLC

RADIATION GUARD LOG

All interpretations, opinions or 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

South of St. John , cross hye. 50 and go 15,1/2E,N into.

ABHV Calculated for 5.5" Casing.

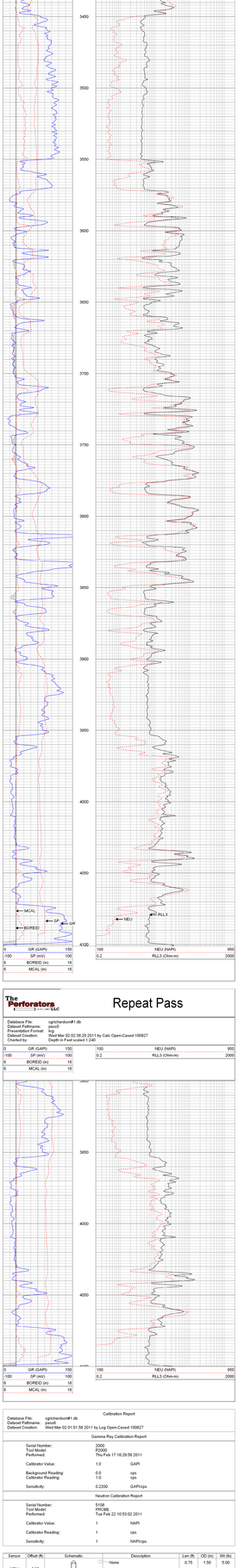
Thanks for using The Perforators LLC Hays, KS. (785-621-4604)

Main Pass

Database File: cgrichardson#1.db
Dataset Pathname: pass5.1
Presentation Format: log
Dataset Creation: Wed Mar 02 02:32:48 2011 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	
-100	SP (mV)	100	
6	BORED (in)	16	
6	MCAL (in)	16	

100	NEU (NAPI)	950	
0.2	RLL3 (Ohm-m)	2000	



Repeat Pass

Database File: cgrichardson#1.db
Dataset Pathname: pass6
Presentation Format: log
Dataset Creation: Wed Mar 02 02:38:20 2011 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	
-100	SP (mV)	100	
6	BORED (in)	16	
6	MCAL (in)	16	

100	NEU (NAPI)	950	
0.2	RLL3 (Ohm-m)	2000	

Calibration Report

Database File: cgrichardson#1.db
Dataset Pathname: pass6
Dataset Creation: Wed Mar 02 01:01:58 2011 by Log Open-Cased 100827

Gamma Ray Calibration Report

Serial Number:		2000
Tool Model:		P2000
Performed:		Thu Feb 17 16:29:58 2011
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 Feb 22 10:53:02 2011
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			None	0.75	1.50	5.00
NEU	6.80		NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	1.42		GR-P2000 (2000)	3.67	3.25	40.00

Dataset: cgrichardson#1.db: field/rerun1/pass5
Total Length: 9.34 ft
Total Weight: 130.00 lb
O.D. 3.63 in