Company	Werth Exploration Trust
Well	Wasz-Star #1
Field	Trico
County	Graham
State	Kansas

The Perforators LLC

MICRO RESISTIVITY LOG

Company	Werth Exploration Trust
Well	Wasz-Star #1
Field	Trico
County	Graham
State	Kansas
Location	SEC 36 TWP 10S RGE 22W
	2640 FSL & 2640 FEL
	Elevation 2297 GL 2305 KB
Log Measured From	12 ft AGL
Drilling Measured From	GL
Date	15-Dec-2011
Operator	Tim Pickrel
Rig	Red Tiger #3
Casing Driller	8 5/8 @ 224
Casing Logger	224
Bit Size	7 7/8
Type Fluid	Chemical
Density	9.2
Viscosity	45
Fluid Loss	7.4
Source of Sample	Flowline
Rm @ Meas Temp	0.75 @ 80
Rmf @ Meas Temp	0.6 @ 80
Rmc @ Meas Temp	1.1 @ 80
Source Rmf / Rmc	Calc / Calc
Rm @ BHT	0.45 @ 120
Time Since Circulation	12 hrs
Max Rec Temp	120
Equipment / Location	Russell / Hays
Recorded By	Tim Pickrel
Witnessed By	Ron Werth

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

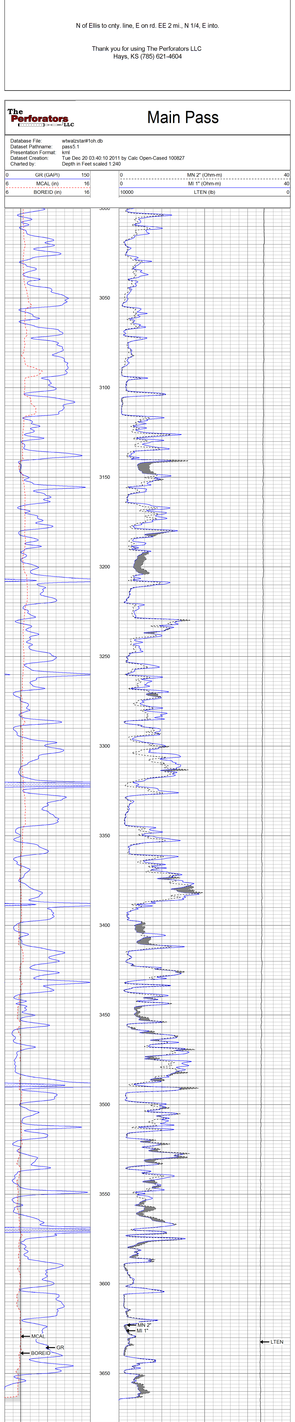
N of Ellis to cnty. line, E on rd. EE 2 mi., N 1/4, E into.

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

Main Pass

Database File: wfeld2clair91oh.db
Dataset Pathname: pass5.1
Presentation Format: kml
Dataset Creation: Tue Dec 20 03:40:10 2011 by Calc Open-Cased 100627
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	BORE1D (in)	16	10000	LTEN (lb) 0

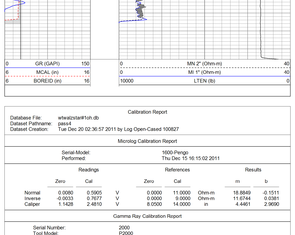


0	GR (GAPI)	150	0	MN 2" (Ohm-m) 40
6	MCAL (in)	16	0	MI 1" (Ohm-m) 40
6	BORE1D (in)	16	10000	LTEN (lb) 0

Repeat Pass

Database File: wfeld2clair91oh.db
Dataset Pathname: pass4
Presentation Format: kml
Dataset Creation: Tue Dec 20 02:36:57 2011 by Log Open-Cased 100627
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	BORE1D (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	BORE1D (in)	16	10000	LTEN (lb) 0

Calibration Report

Database File: wfeld2clair91oh.db
Dataset Pathname: pass4
Dataset Creation: Tue Dec 20 02:36:57 2011 by Log Open-Cased 100627

Microlog Calibration Report

Serial Model: 1600-Pinnge
Performed: Thu Dec 15 16:15:02 2011

	Readings		References		Results	
	Zero	Cal	Zero	Cal	m	b
Normal	0.0090	0.5905	V 0.0000	11.0000	Ohm-m	18.8849 -0.1511
Inverse	-0.0033	0.7677	V 0.0000	9.0000	Ohm-m	11.6744 0.0381
Caliper	1.1428	2.4810	V 8.0000	14.0000	in	4.4481 2.9690

Gamma Ray Calibration Report

Serial Number: 2000
Tool Model: P2000
Performed: Thu Dec 01 13:12:17 2011

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	Length (ft)	OD (in)	Wt (lb)
GR	28.30		GR-P2000 (2000)	3.67	3.25	40.00
MN	21.51		ML-Pinngo (1600)	6.67	3.50	100.00
MI	21.51					
MCAL	21.51					
WVF4	14.25					
WVF3	13.25		SLT-G (101127) Tension	15.71	3.50	250.00
WVF2	10.25					
WVF1	9.25					
			OHSong Open Hole Long Centralizer	4.50	3.50	50.00

Dataset:
Total Length:
Total Weight:
O.D.:

wfeld2clair91oh.db: field/well/run1/pass4
100.55 ft
440.00 lb
3.50 in