Company	Castle Resources Inc.
Well	Ross #1
Field	Geneseo/Edwards
County	Rice
State	Kansas

The Perforators LLC

DUAL INDUCTION LOG

Company Castle Resources Inc.
Well Ross #1
Field Geneseo/Edwards
County Rice State Kansas
Location: API #: 15 159 22712
2310' FNL & 2310' FEL
SEC 11 TWP 18S RGE 8W
Other Services ML CDNL
Permanent Datum Ground Level Elevation 1766'
Log Measured From KB 5' AGL
Drilling Measured From KB
Elevation K.B. 1771' D.F. 1770' G.L. 1766'

Date	11-28-12		
Run Number	One		
Depth Driller	3375'		
Depth Logger	3378'		
Bottom Logged Interval	3376'		
Top Log Interval	300'		
Casing Driller	8 5/8"@ 322'		
Casing Logger	324'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	8.7/65		
pH / Fluid Loss	10.5/7.2		
Source of Sample	Pit		
Rm @ Meas. Temp	.5@65degf		
Rmf @ Meas. Temp	.38@65degf		
Rmc @ Meas. Temp	.6@82degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.29@112degf		
Time Circulation Stopped	8:30 a.m.		
Time Logger on Bottom	11:00 a.m.		
Maximum Recorded Temperature	112degf		
Equipment Number	T045		
Location	Hays, KS.		
Recorded By	Gus Pfanenstiel		
Witnessed By	Mr. Jerry Green		

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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

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

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Main Pass

Database File: crross#1oh.db
Dataset Pathname: pass2.1
Presentation Format: kdillin2
Dataset Creation: Wed Nov 28 12:21:03 2012 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:600

0 GR (GAPI) 150
-200 SP (mV) 0
0 RILD (Ohm-m) 50
0 RLL3 (Ohm-m) 50
1000 CILD (mmho/m) 0
10000 LTEN (lb) 0
50 RILD x 10 (Ohm-m) 500
50 RLL3 x 10 (Ohm-m) 500

0 GR (GAPI) 150
-200 SP (mV) 0
0 RILD (Ohm-m) 50
0 RLL3 (Ohm-m) 50
1000 CILD (mmho/m) 0
10000 LTEN (lb) 0
50 RILD x 10 (Ohm-m) 500
50 RLL3 x 10 (Ohm-m) 500

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Main Pass

Database File: crross#1oh.db
Dataset Pathname: pass2.1
Presentation Format: kdil
Dataset Creation: Wed Nov 28 12:21:03 2012 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

0 GR (GAPI) 150
-100 SP (mV) 100
0.2 RILM (Ohm-m) 2000
0.2 RILD (Ohm-m) 2000
0.2 RLL3 (Ohm-m) 2000

0 GR (GAPI) 150
-100 SP (mV) 100
0.2 RILM (Ohm-m) 2000
0.2 RILD (Ohm-m) 2000
0.2 RLL3 (Ohm-m) 2000

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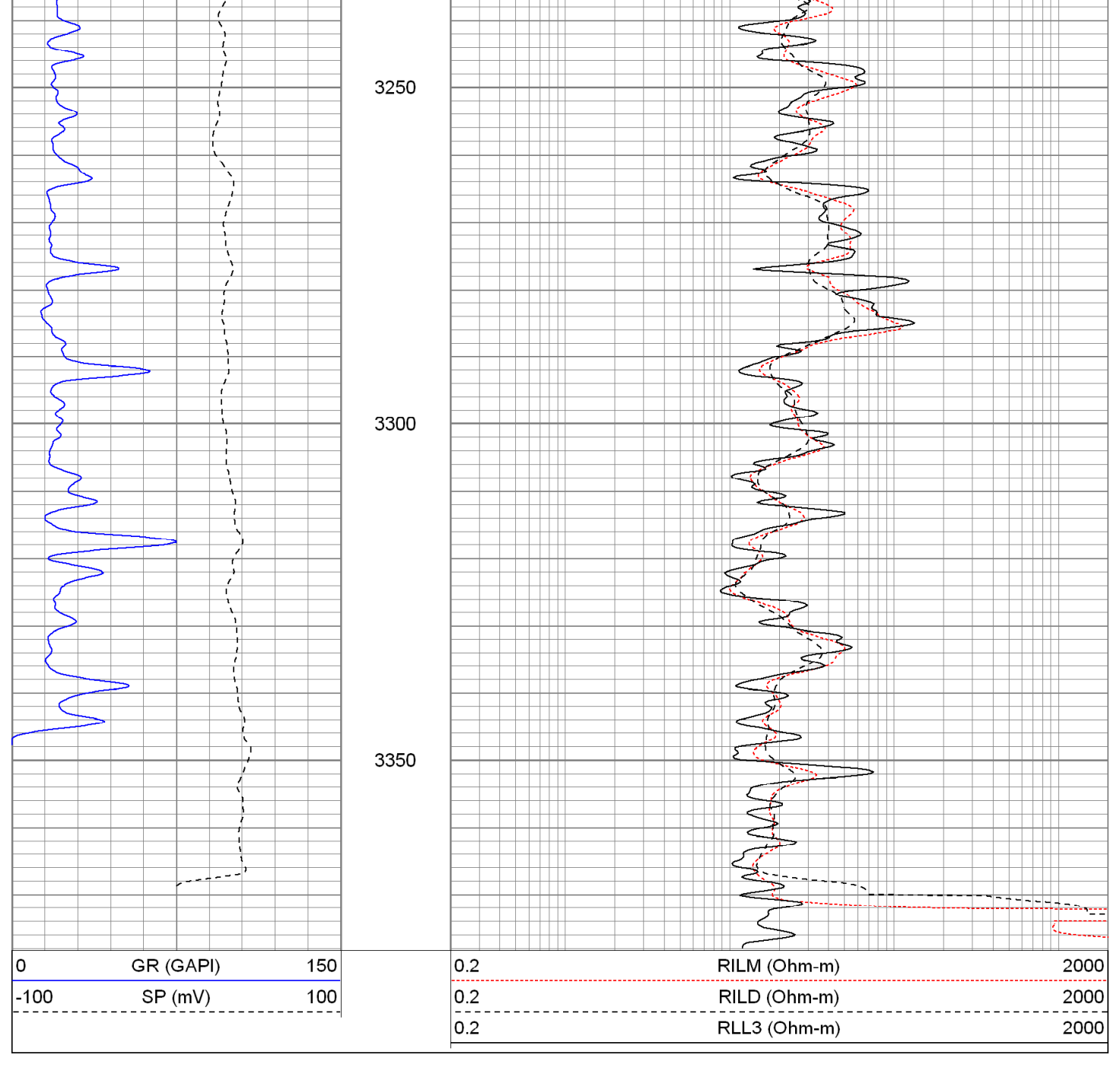
Repeat Pass

Database File: crross#1oh.db
Dataset Pathname: pass1.1
Presentation Format: kdil
Dataset Creation: Wed Nov 28 12:20:01 2012 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

0 GR (GAPI) 150
-100 SP (mV) 100
0.2 RILM (Ohm-m) 2000
0.2 RILD (Ohm-m) 2000
0.2 RLL3 (Ohm-m) 2000



0 GR (GAPI) 150
-100 SP (mV) 100
0.2 RILM (Ohm-m) 2000
0.2 RILD (Ohm-m) 2000
0.2 RLL3 (Ohm-m) 2000

Calibration Report

Database File: crross#1oh.db
Dataset Pathname: pass1.1
Dataset Creation: Wed Nov 28 12:20:01 2012 by Calc Open-Cased 100827

Dual Induction Calibration Report

Serial-Model: 080522-Probe
Surface Cal Performed: Wed Nov 07 07:37:40 2012
Downhole Cal Performed: Wed Nov 07 07:37:44 2012
After Survey Verification Performed: Wed Nov 07 07:37:45 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	626.671	-0.176
Medium	0.002	0.734	V	0.000	464.000	mmho/m	633.736	-1.211
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.001	0.639	V	0.000	400.000	mmho/m	626.563	-0.317
Medium	0.002	0.735	V	0.000	464.000	mmho/m	633.003	-1.059

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.046	400.409	mmho/m	0.142	400.210	mmho/m	0.999	0.096
Medium	0.062	464.391	mmho/m	-0.151	464.387	mmho/m	1.000	-0.213
LL3		7.268	V		750.000	Ohm-m		
		-0.000	V		12.000	Ohm-m		
		-7.309	V		3745.000	mmho-m		

Compensated Density Calibration Report

Serial-Model: 2388DHT-DHT
Source / Verifier: /
Master Calibration Performed: Thu Sep 13 16:04:57 2012

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	717.11	305.57	cps
Aluminum	2.620	g/cc	140.63	205.93	cps

Spine Angle = 76.38
Density/Spine Ratio = 0.519

	Size		Reading
Small Ring	8.25	in	5771.32
Large Ring	14.00	in	10165.20

Gamma Ray Calibration Report

Serial Number: 2001
Tool Model: OH
Performed: Thu Nov 22 09:34:58 2012

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.2300 GAPI/cps

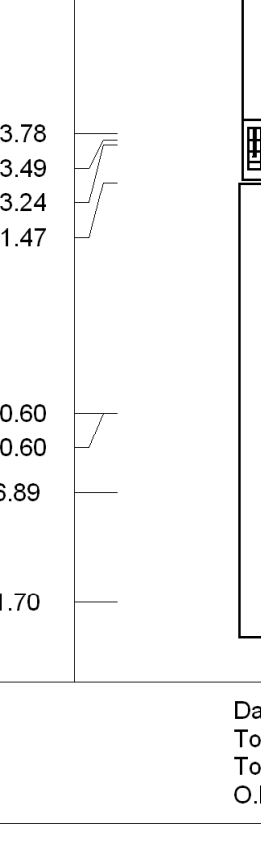
Neutron Calibration Report

Serial Number: 5108
Tool Model: PROBE
Performed: Sun Oct 21 17:05:02 2012

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	37.85		NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.32		GR-OH (2001) 2001	3.56	3.25	40.00
LSD DCAL SSD HEADVOLT	23.78 23.49 23.24 21.47		CDL-DHT (2388DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
CILD SP CILM RLL3	10.60 10.60 6.89 1.70		DIL-Probe (080522) Probe Dual Induction	21.47	4.00	345.00

Dataset: crross#1oh.db: field/well/run1/pass1.1
Total Length: 40.39 ft
Total Weight: 676.00 lb
O.D. 4.00 in