The Perforators LLC

DUAL INDUCTION LOG

Company	Castle Resources Inc.
Well	Mollyhagen #8
Field	Edwards
County	Ellsworth
State	Kansas

Company Castle Resources Inc.
Well Mollyhagen #8
Field Edwards
County Ellsworth State Kansas

Location: API # : 15 053 00771
4950' FNL & 3960 FWL
SEC 9 TWP 17S RGE 8W

Other Services: NEU GR

Permanent Datum	Ground Level	Elevation	1673'
Log Measured From	KB 5' AGL		
Drilling Measured From	KB		

Elevation: K.B. 1678' D.F. ------ G.L. 1673'

Date	10-14-11
Run Number	One
Depth Driller	3308'
Depth Logger	3309'
Bottom Logged Interval	3307'
Top Log Interval	3100'
Casing Driller	3174'
Casing Logger	3174'
Bit Size	7 7/8"
Type Fluid in Hole	Water
Density / Viscosity	////
pH / Fluid Loss	////
Source of Sample	////
Rm @ Meas. Temp	////
Rmf @ Meas. Temp	////
Rmc @ Meas. Temp	////
Source of Rmf / Rmc	////
Rm @ BHT	////
Time Circulation Stopped	2:30 p.m.
Time Logger on Bottom	3:30 p.m.
Maximum Recorded Temperature	////
Equipment Number	T045
Location	Hays, KS.
Recorded By	L. Smith
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.

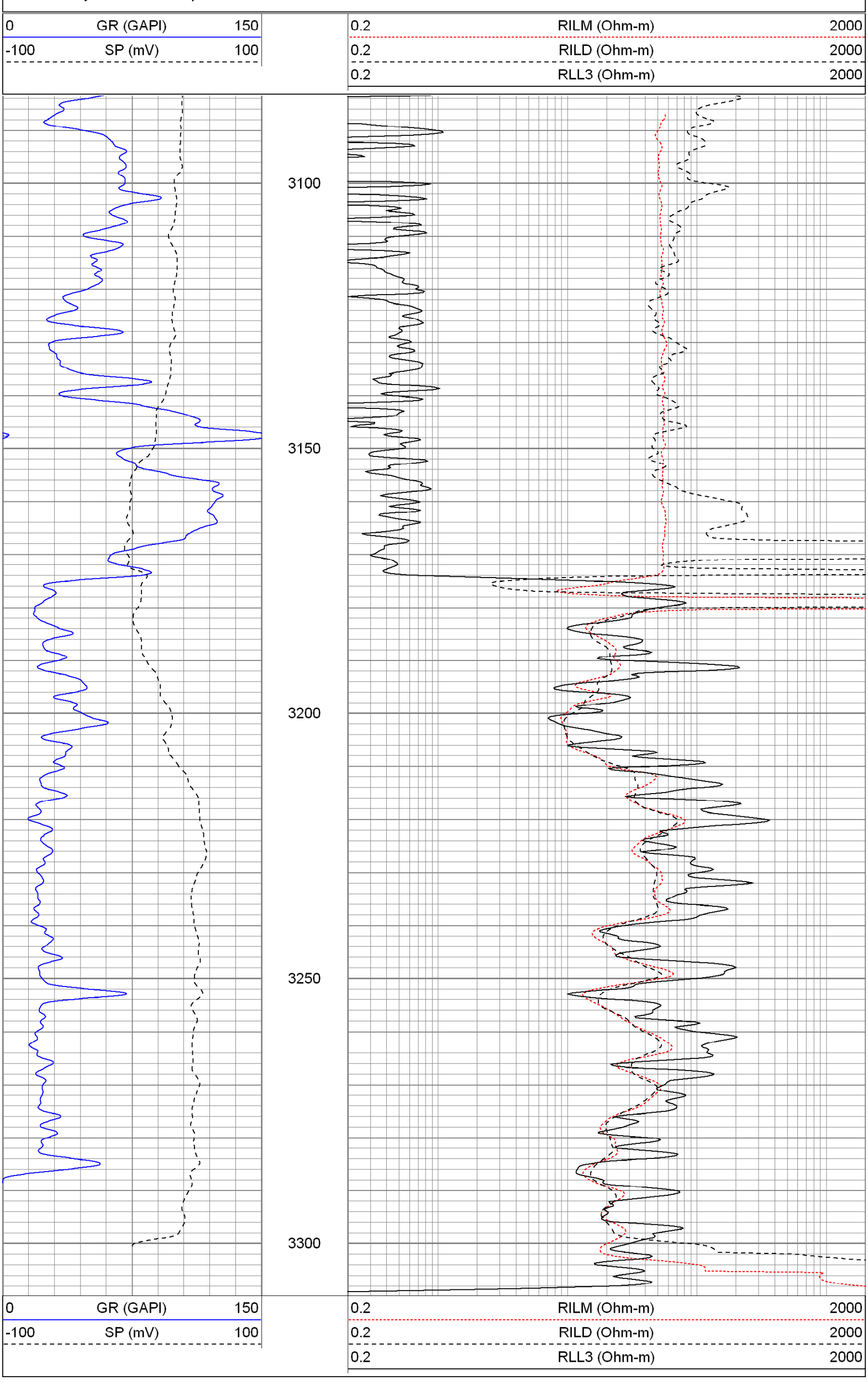
Comments

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

The Perforators LLC

Main Pass

Database File: crmollhagen#8oh.db
Dataset Pathname: pass1
Presentation Format: kdil
Dataset Creation: Fri Oct 14 15:36:15 2011 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: crmollhagen#8oh.db
Dataset Pathname: pass1
Dataset Creation: Fri Oct 14 15:36:15 2011 by Log Open-Cased 100827

Dual Induction Calibration Report

Serial-Model: 5375-G
Surface Cal Performed: Thu Sep 22 16:18:11 2011
Downhole Cal Performed: Thu Sep 22 16:18:40 2011

Surface Calibration

Loop:	Readings Air	Readings Loop		References Air	References Loop		Results m	Results b
Deep	0.001	0.639	V	0.000	350.000	mmho/m	548.978	-0.754
Medium	0.004	0.741	V	0.000	400.000	mmho/m	542.647	-2.120
Internal:	**Zero**	**Cal**		**Zero**	**Cal**		**m**	**b**
Deep	0.001	0.639	V	0.000	350.000	mmho/m	548.752	-0.509
Medium	0.003	0.740	V	0.000	550.000	mmho/m	746.733	-2.571

Downhole Calibration

Internal:	Readings Zero	Readings Cal		References Zero	References Cal		Results m	Results b
Deep	0.101	349.896	mmho/m	-0.245	349.899	mmho/m	1.001	-0.345
Medium	0.073	399.404	mmho/m	-0.252	399.430	mmho/m	1.001	-0.325
Shallow	2.470	0.009	V	500.000	2.000	Ohm-m	180.392	0.100

Gamma Ray Calibration Report

Serial Number: 2000
Tool Model: P2000
Performed: Mon Sep 26 11:41:30 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	Len (ft)	OD (in)	Wt (lb)
			None	0.75	1.50	5.00
GR	22.89		GR-P2000 (2000)	3.67	3.25	40.00
CILD	10.60		DIL-G (5375) Gearhart	21.47	4.00	345.00
SP	10.60					
CILM	6.89					
RLL3	1.70					

Dataset: crmollhagen#8oh.db: field/well/run1/pass1
Total Length: 25.89 ft
Total Weight: 390.00 lb
O.D. 4.00 in