The Perforators LLC

Company:	Cade Resources Inc.
Well:	Kaye #1
Field:	Kirkwood-Edwards
County:	Jackson
State:	Arkansas
Location:	Sec 20 T7N R3W
Elevation:	KB: 1,000 ft GL: 990 ft
Date:	2012-Feb-16
Time:	08:00
Depth:	3,900 ft
Fluid:	Water
Salinity:	2,000 ppm
Level:	Full
Operator:	Rick Brown
Witnessed:	Yes
Comments:	

COMPENSATED GRAVITY NEUTRON CCL

Thanks for using The Perforators LLC Hays, KS. (785-621-4654)

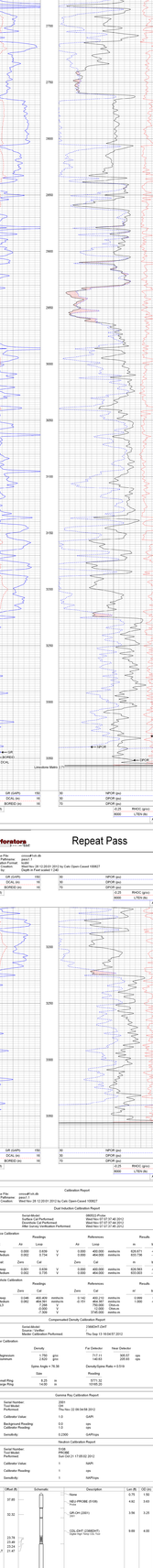
Disclaimer:
The information and interpretations in this report are based on information obtained from the well at the time of the service. The Perforators LLC makes no representations and/or warranties, expressed or implied, as to the accuracy or completeness of the information and interpretations contained in this report. These interpretations are offered subject to general terms and conditions set forth on our current Price Schedule.

Comments

Main Pass

Database File: ccnorth-ch.db
Datasetname: pass2
Offset Filter: Not Applied
Depth Correlation: Shift to Gamma Ray
Created by: Depth Shift created 1.2.64

0	GR (API)	150	50	NPOR (pu)	-10
0	DCAL (in)	16	30	DPOR (pu)	-10
0	BORE2D (in)	16	70	CPOR (pu)	30
Tracks (ft)				v1.25 PHOC (g/cc)	0.25
				3000 LTN1 (in)	0
					ABHV (ft3)



Repeat Pass

Database File: ccnorth-ch.db
Datasetname: repeat
Offset Filter: Not Applied
Depth Correlation: Shift to Gamma Ray
Created by: Depth shift created 1.2.64

0	GR (API)	150	50	NPOR (pu)	-10
0	DCAL (in)	16	30	DPOR (pu)	-10
0	BORE2D (in)	16	70	CPOR (pu)	30
Tracks (ft)				v1.25 PHOC (g/cc)	0.25
				3000 LTN1 (in)	0
					ABHV (ft3)

Calibration Report

Database File: ccnorth-ch.db
Datasetname: repeat
Offset Filter: Not Applied
Depth Correlation: Shift to Gamma Ray
Created by: Depth shift created 1.2.64

Dual Induction Calibration Report

Serial Number:	09BRD-Pro5m
Surface Cal Performed:	Wed Nov 07 07:07:40 2012
Internal Cal Performed:	Wed Nov 07 07:07:40 2012
Down Survey Verification Performed:	Wed Nov 07 07:07:40 2012

Surface Calibration

	Readings		References		Results	
Loop	Air	Loop	Air	Loop	m	b
Deep	0.000 0.979 V	V	0.000 464.000 mmho/m		625.671	-0.179
Medium	0.000 0.734 V	V	0.000 464.000 mmho/m		633.738	-1.211
Internal	Zero	Cal	Zero	Cal	m	b
Deep	0.000 0.609 V	V	0.000 464.000 mmho/m		624.563	-0.517
Medium	0.002 0.735 V	V	0.000 464.000 mmho/m		633.003	-1.059

Downhole Calibration

	Readings		References		Results	
	Zero	Cal	Zero	Cal	m	b
Deep	0.046 464.464 mmho/m		0.142 464.110 mmho/m		0.999	0.046
Medium	0.080 464.464 mmho/m		0.157 464.110 mmho/m		1.000	-0.214
LL3	0.000 V	V	750.000 Ohm-m			
	0.000 V	V	112.000 Ohm-m			
	0.000 V	V	112.000 Ohm-m			

Compensated Density Calibration Report

Serial Number:	2360247-Dn7
Source / Verifier:	
Master Calibration Performed:	Thu Sep 13 14:04:57 2012

Master Calibration

	Density		For Detector	Near Detector
Magnesium Aluminum	2.700 g/cc 2.800 g/cc		112.11 112.11	325.57 cps 325.65 cps

Spine Angle = 76.98

	Size	Reading
Small Ring	4.25 in	1010.32
Large Ring	14.00 in	1010.32

Neutron Calibration Report

Serial Number:	5128
Source Performed:	PRCMS
	Sun Oct 21 17:55:52 2012
Calibrator Value:	1 SAPI
Calibrator Reading:	1 cps
Sensitivity:	1 SAPI/cps

Gamma Ray Calibration Report

Serial Number:	2001
Test Method:	GL
Performed:	Sun Oct 21 09:34:59 2012
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	0.2350 GAPI/cps