

PSI

PHOENIX SURVEYS, INC.

Cement Bond Log

Gamma Ray - CCL - VDL

Company

Rosetta Resources Operating, LP

Well

Kerbs 17-04

Field

Wildcat

County

Yuma

State

Colorado

Location:

788 FNL & 1187 FWL
NW NW

AP# :

05-125-11486-00

Other Services

MAST
PERF

Permanent Datum

SEC 17 TWP 1S RGE 45N

Log Measured From

Ground Level

Elevation

3927

Drilling Measured From

Kelly Bushing

K.B.

3939

D.F.

3938

G.L.

3927

Date

20-Apr-2010

Run Number

1

Depth Driller

2630

Depth Logger

2654

Bottom Logged Interval

2553

Top Log Interval

1840

Open Hole Size

6.125"

Type Fluid

Water

Density / Viscosity

8.34 lb/gal

Max. Recorded Temp.

112 DEGF

Estimated Cement Top

2040

Time Well Ready

N/A

Time Logger on Bottom

N/A

Equipment Number

#44

Location

Fort Morgan, CO

Recorded By

Sam Hager

Witnessed By

Aaron Sturt

Run Number

Bit

From

To

Size

Weight

From

To

Casing Record

Surface String

4.5"

Wayoff

Top

Bottom

Prod. String

2630

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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

Depth Ref to PSI Tripple Combo Log dated 11-Dec-2008.

Run CBL from TD to 200' above cement top.

Perforate 2330-2340 @ 4 SPF, 10' NET, 40 Shots,

using Titan 19gm, 0.40"EHD, 40.89"PENE, 120deg phasing.

API# 05-125-11486-00

Thank you for using Phoenix Surveys!!

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	1.00
			SDSCENT Centralizer	2.87	2.75	24.00
WVF3	12.04		CBL-Probe (050215)	8.75	2.75	93.00
WVF5	11.04					
			SDSCENT Centralizer	2.87	2.75	24.00
CCL	3.63		GR_CCL-SDS (SDSSEMO) GR/CCL (050-GR275-001)	4.92	2.75	60.00
GR	0.90					

Dataset: rosetta_kerbs_17-04.db; field/well/run1/pass2

Total Length: 20.41 ft

Total Weight: 202.00 lb

O.D. 2.75 in

Database File: rosetta_kerbs_17-04.db

Dataset Pathname: pass2

Presentation Format: cbl_dr

Dataset Creation: Tue Apr 20 07:43:50 2010 by Log Std Casedhole 09061

Charted by: Depth in Feet scaled 1:240

324

Travel Time (usec)

225

9

CCL

-1

0

GR (GAPI)

300

0

Amplified Amplitude (mV)

20

200

Variable Density

1200

0

Amplitude (mV)

100

1900

2000

2100

2200

2300

2400

2500

Est. Top of Cement

Amplified Amplitude

Casing Collar

Gamma Ray

Amplitude

Total Depth @ 2554'

Travel Time

0

Amplified Amplitude (mV)

20

200

Variable Density

1200

0

Amplitude (mV)

100

324

Travel Time (usec)

225

9

CCL

-1

0

GR (GAPI)

300