

PSI

PHOENIX SURVEYS, INC.

Cement Bond Log

Gamma Ray - CCL - VDL

Company

Rosetta Resources Operating, LP

Well

Bowman 18-12

Field

Wildcat

County

Yuma

State

Colorado

Location:

2518 FSL & 960 FWL

API #: 05-125-11627-00

Other Services

MAST

PERF

Well

Bowman 18-12

Field

Wildcat

County

Yuma

State

Colorado

SEC

18

TMP

2S

RGE

44W

Elevation

3880

Permanent Datum

K.B. 3892

Ground Level

Kelly Bushing

Log Measured From

Kelly Bushing

Date

4-May-2010

Run Number

1

Depth Driller

2363

Bottom Logger

2367

Bottom Logger Interval

2366

Open Hole Size

6.125

Type Fluid

Water

Density/Viscosity

8.34 lb/gal

Max. Recorded Temp.

105 DEG-F

Estimated Cement Top

1675

Time Well Ready

N/A

Equipment Number

454

Time Logger on Bottom

1675

Recorded By

Forrest, CO

Witnessed By

Sumner

Run Number

1

From

To

Size

Weight

From

To

Casing Record

Size

Wt/Ft

Top

Bottom

Prod. String

4.5"

10.5 lb/ft

Surface

2453

Production String

4.5"

10.5 lb/ft

Surface

2453

Liner

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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 15-Apr-2010.
Run CBL from TD to 200' above cement top.
Perforate 2136-2146 @ 4 SPF, 10' NET, 40 Shots,
using Titan 19gm, 0.40"EHD, 40.89"PENE, 120deg phasing.
API# 05-125-11627-00
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_bowman_18-12.db: field/well/run1/pass29
Total Length: 20.41 ft
Total Weight: 202.00 lb
O.D. 2.75 in

Database File: rosetta_bowman_18-12.db
Dataset Pathname: pass29
Presentation Format: cbl_dr
Dataset Creation: Tue May 04 06:45:37 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) 250

0 Amplified Amplitude (mV) 20 200 Variable Density 1200
0 Amplitude (mV) 100

