

Perf-Tech

Wireline Services

DUAL RECEIVER

CEMENT BOND

LOG

Company

AMERICAN WARRIOR, INC.

Well

OLSON NO. 2-5

Field

MARGHEIM NORTH

County

NESS

State

KANSAS

Location:

2084 FSL & 2002 FEL

Permanent Datum

SEC 5 TWP 19S RGE 21W

Log Measured From

GROUND LEVEL

Elevation

2154

D.F.

K.B. 7160

G.L.

7154

Date

JAN. 21, 2013

Run Number

4260

Depth

4260

Bottom

4259

Top Log Interval

3100

Open Hole Size

WATER

Type Fluid

WATER

Temperature, Surface

110F

Temperature, Bottom

109F

Estimated Cement Top

3180

Time Well Ready

///

Time Logger on Bottom

///

Equipment Number

PT-08

Revised By

BOB KLAS

Witnessed By

MR. SCOTT COSSAIR

Borehole Record

///

Run Number

4260

Bit

7 1/2

From

00

To

4260

Size

WAPI

Weight

00

From

00

To

4260

Casing Record

///

Size

8.50

WAPI

00

Top

00

Bottom

4261

Production String

5 1/2

Liner

00

4259

<<< Fold Here >>>

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

THANK YOU FOR USING
PERF-TECH WIRELINE SERVICES, INC.
785-628-3969

DIRECTIONS: HWY 96, South on GG Rd to 110 Rd,
1 West, 1/2 North, 3/8 West,
South into

Perf-Tech

Wireline Services

MAIN PASS

Database File: jan2113.db

Dataset Pathname: pass3

Presentation Format: 3x5

Dataset Creation: Mon Jan 21 15:52:42 2013 by Log SCH 1111116

Charted by: Depth in Feet scaled 1:240

0 150

Gamma Ray (GAPI)

0 100 200

3' AMPLITUDE (mV)

575 235

3' TRAVEL TIME (usec)

9 -1

Collar Locator

5' Variable Density

1100

3100

3150

3200

3250

3300

3350

3400

3450

3500

3550

3600

3650

3700

3750

3800

3850

3900

3950

4000

4050

4100

4150

4200

4250

Top of Cement

MARKER JOINT

Casing Collar

3' TRAVEL TIME

3' AMPLITUDE

LOGGED TO 4259'

Gamma Ray

0 150

Gamma Ray (GAPI)

0 100 200

3' AMPLITUDE (mV)

575 235

3' TRAVEL TIME (usec)

9 -1

Collar Locator

5' Variable Density

1100

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Wireline Services

REPEAT SECTION

Database File: jan2113.db

Dataset Pathname: pass2

Presentation Format: 3x5

Dataset Creation: Mon Jan 21 15:48:43 2013 by Log SCH 1111116

Charted by: Depth in Feet scaled 1:240

0 150

Gamma Ray (GAPI)

0 100 200

3' AMPLITUDE (mV)

575 235

3' TRAVEL TIME (usec)

9 -1

Collar Locator

5' Variable Density

1100

4100

4150

4200

4250

Gamma Ray

0 150

Gamma Ray (GAPI)

0 100 200

3' AMPLITUDE (mV)

575 235

3' TRAVEL TIME (usec)

9 -1

Collar Locator

5' Variable Density

1100