

ORNISH

WIRELINE

SERVICES, INC.

CHANUTE, KANSAS

GAMMA RAY/NEUTRON

CEMENT BOND

COMPLETION LOG

Company

JACK HORTON

Well

MELANDER #5

Field

County

MONTGOMERY

State

KANSAS

Location:

APi # : 15-125-32083-00-00

2475 FNL & 2295 FEL

SE SW SW NE

Other Services

SEC 2

TWP 34S

RGE 14E

Permanent Datum

GL

Elevation

881 EST

Log Measured From

GL

K.B.

D.L.

GL 881 EST

Drilling Measured From

GL

GL 881 EST

Date

7-15-11

Run Number

1 NW

Depth Diller

Depth Logger

714.7

Top Log Interval

0

Bottom Logged Interval

714.7

Fluid Level

FULL

Type Fluid

WATER

Production Casing

2 7/8" @ TD @ @

Max. Recorded Temp.

Estimated Cement Top

Calculated Cement Top

Amount & Type Cement

Amount & Type Admix

Drilling Contractor

Equipment Number

109

Location

SANBORN, G.

Recorded By

Witnessed By

JONES, F.

<<< 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

Database File: g:\melandar #5.db
Dataset Pathname: pass2MERGE
Presentation Format: scbl_dr
Dataset Creation: Fri Jul 15 09:48:53 2011
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1
0 Gamma Ray 150
150 gr 300

0 AMP3FT (mV) 150
1200 TT3FT (usec) 200
1500 TT5FT (usec) 200
200 NEU (cps) 1500

200 VDL 1200

0 50 100 150 200 250 300 350 400 450 500 550 600 650 700

PERFORATION
2" DML-RTG
20 SHOTS 658'-668'
JULY 20, 2011

TT5FT
TT3FT
NEU
AMP3FT

Gamma Ray
Collar Locator

9 Collar Locator -1
0 Gamma Ray 150
150 gr 300

0 AMP3FT (mV) 150
1200 TT3FT (usec) 200
1500 TT5FT (usec) 200
200 NEU (cps) 1500

200 VDL 1200

ORNISH

WIRELINE

SERVICES, INC.

CHANUTE, KANSAS

Company

JACK HORTON

Well

MELANDER #5

Field

County

MONTGOMERY

State

KANSAS

SEC. 2

TWP. 34S

RGE. 14E

Date

7-15-11