| | |
|---|---|
| Company: | R.L. INVESTMENT LLC |
| Well: | PRIDE WELL# 2 |
| Field: | WILCOT |
| County: | COLLIER |
| State: | KANSAS |
| Location: | SEC 35 T16S R20E |
| API #: | 15-059-25365 |
| Date: | 07-21-16 |
| Time: | 07:45 - 11:00 |
| Depth: | 3 - 4700 |
| Logged: | 4700 - 3 |
| Bit: | 7 7/8" |
| Mud: | FRESH WATER |
| Rig: | TRINITY DRILLING RIG 29 |
| Elev: | KB: 1000 GL: 990 |
| Log Date: | 07-21-16 |
| Log Time: | 11:00 - 12:30 |
| Log Depth: | 4700 |
| Log Type: | DENSITY NEUTRON |
| Log Run: | 1 |
| Log Method: | Pad |
| Log Source: | Triple Combo |
| Log Interval: | 3 - 4700 |
| Scale: | 1" = 100' |
| Comments: | |

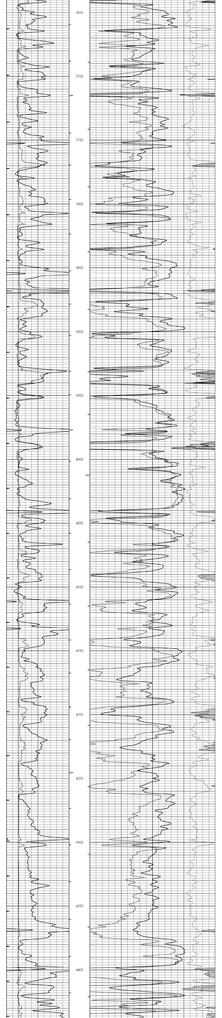
# DENSITY NEUTRON LOG


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 in accepting the use of our data hold ourselves or our part, hereto, responsible or liable 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 standard terms and conditions as set forth in our current price schedule.

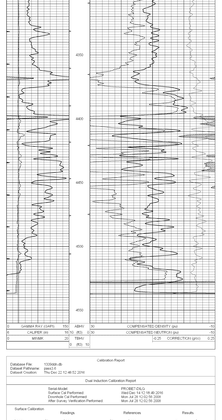

COMMENTS

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
COLLIER, 6S, 1.5W, ON OLD 40, S. INTO

## MAIN SECTION




## REPEAT SECTION




Calibration Report

| | |
|---|---|
| Database File: | 150906.db |
| Dataset Pathname: | ss01.3 |
| Output Creation: | Fri Sep 11 22:12:46:52 2016 |

Dual Induction Calibration Report

| | | | |
|---|---|---|---|
| Serial Number | | PEL5BE CALG | |
| Surface Cal Performed | | Wed Dec 14 10:12:46 2016 | |
| Downhole Cal Performed | | Wed Jul 24 12:52:16 2013 | |
| Last Field Verification Performed | | Wed Jul 24 12:52:16 2013 | |
| Surface Calibration | Readings | References | Results |
| Loop | Air / Loop | Air / Loop | m / b |
| Deep | 0.014 / 0.638 | V / 0.000 / 400.000 mmho/m | 400.000 / -0.000 |
| Medium | 0.039 / 0.728 | V / 0.000 / 400.000 mmho/m | 875.000 / -23.000 |
| Internal | Zero / Cal | Zero / Cal | m / b |
| Deep | 0.070 / 0.770 | V / 0.000 / 400.000 mmho/m | 447.167 / -7.256 |
| Medium | 0.065 / 0.772 | V / 0.000 / 400.000 mmho/m | 455.677 / -6.152 |
| Downhole Calibration | Readings | References | Results |
| | Zero / Cal | Zero / Cal | m / b |
| Deep | 0.000 / 0.000 mmho/m | 14.529 / 599.994 mmho/m | 1.000 / 0.000 |
| Medium | 0.000 / 0.000 mmho/m | 0.000 / 1000.000 mmho/m | 0.000 / 0.000 |
| SLT | 0.000 / 0.000 mmho/m | 1400.000 / 1400.000 mmho/m | |
| | 0.000 / 0.000 V | 400.000 / 400.000 mmho/m | |
| | 0.000 / 0.000 V | 400.000 / 400.000 mmho/m | |
| After Survey Verification | Readings | Targets | Results |
| | Zero / Cal | Zero / Cal | m / b |
| Deep | 0.000 / 0.000 mmho/m | 0.000 / 0.000 mmho/m | 0.000 / 0.000 |
| Medium | 0.000 / 0.000 mmho/m | 0.000 / 0.000 mmho/m | 0.000 / 0.000 |
| SLT | 0.000 / 0.000 Ohm/cm | 0.000 / 0.000 Ohm/cm | |
| | 0.000 / 0.000 Ohm/cm | 0.000 / 0.000 Ohm/cm | |
| | 0.000 / 0.000 Ohm/cm | 0.000 / 0.000 Ohm/cm | |

Density Density Calibration Report
Serial: 3548 Model: PRB

Master Calibration Performed Fri May 20 11:01:31 2014

| | Background | Magnesium | Aluminum | Sandstone | |
|---|---|---|---|---|---|
| Window 1 | 1779.0 | 1999.0 | 3407.0 | 1328.0 | cps |
| Window 2 | 1202.4 | 1010.5 | 2075.7 | 10254.7 | cps |
| Window 3 | 1 | 1.0 | 1.0 | 1.0 | cps |
| Window 4 | 38.4 | 20.0 | 36.4 | 1.0 | cps |
| Long Space | 0.0 | 9870.3 | 1914.3 | 5722.3 | cps |
| Long Ratio | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Psi | 0.0 | 1.7500 | 0.0 | 1.7500 | g/cc |
| Long Space | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Long Ratio | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Short Space | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Short Ratio | 0.0000 | 0.0000 | 0.0000 | 0.0000 | cps |
| Measured Psi | | 0.0000 | 0.0000 | 0.0000 | g/cc |

After Survey Verification Performed Wed Dec 31 19:00:00 1969

| | | | | | |
|---|---|---|---|---|---|
| Window 1 | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Window 2 | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Window 3 | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Window 4 | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Long Space | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Long Ratio | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Short Space | 0.0 | 0.0 | 0.0 | 0.0 | cps |
| Short Ratio | 0.0000 | 0.0000 | 0.0000 | 0.0000 | cps |
| Measured Correction | | 0.0000 | 0.0000 | 0.0000 | g/cc |
| Measured Psi | | | 0.0000 | 0.0000 | |

Compensated Neutron Calibration Report

| | |
|---|---|
| Serial Number | 010808 |
| Tool Model | PNGS |

PRE-SURVEY VERIFICATION

| | Reading | Measured | Target |
|---|---|---|---|
| Short Space | n/a | | |
| Long Space | n/a | pu | pu |

POST-SURVEY VERIFICATION

| | Reading | Measured | Target |
|---|---|---|---|
| Short Space | n/a | | |
| Long Space | n/a | pu | pu |

Gamma Ray Calibration Report

| | |
|---|---|
| Serial Number | 010808 |
| Tool Model | SPECLAR |
| Calibration Date | Wed May 22 08:01:16 2014 |
| Calibrator Value | 1.0 |
| | Counts |
| Background Reading | n/a |
| Calibration Reading | n/a |
| Gamma Ray | n/a |