Company LAYMON OIL II, LLC
Well H HORSCH #14-20
Field OWL CREEK
County WOODSON
State KS

**CORNISH WIRELINE SERVICES, INC.** CHANUTE, KANSAS

# GAMMA RAY NEUTRON COMPLETION LOG

| | |
|---|---|
| Company | LAYMON OIL II, LLC |
| Well | H HORSCH #14-20 |
| Field | OWL CREEK |
| County | WOODSON |
| State | KS |
| Location: | API #: 15-207-29777-00-00 |
| | 2130' FSL 2170' FEL |
| | SE-NW-NW-SE |
| | SEC 8 TWP 25 RGE 16 |
| Other Services | |
| Permanent Datum | TOP OF CASING |
| Elevation | 1009.6 |
| Log Measured From | TOP OF CASING |
| Drilling Measured From | TOP OF CASING |
| Elevation K.B. | |
| D.F. | |
| G.L. | 1009.6 |

| | | | |
|---|---|---|---|
| Date | 12-15-2020 | | |
| Run Number | 1 NW | | |
| Depth Driller | 1020 | | |
| Depth Logger | 1009.6 | | |
| Top Log Interval | 0 | | |
| Bottom Logged Interval | 1009.6 | | |
| Fluid Level | FULL | | |
| Type Fluid | WATER | | |
| Production Casing | 2 7/8" @ TD | @ | @ |
| Max. Recorded Temp. | | | |
| Estimated Cement Top | SURF | | |
| Calculated Cement Top | | | |
| Amount & Type Cement | | | |
| Amount & Type Admix | | | |
| Drilling Contractor | | | |
| Equipment Number | 109 | | |
| Location | | | |
| Recorded By | THAD TRAHAN | | |
| Witnessed By | LUKE GALEMORE | | |

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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

| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|---|---|---|---|---|---|---|
| | | | GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray | 4.75 | 1.69 | 20.00 |
| GR | 7.59 | | | | | |
| | | | CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL | 1.83 | 1.69 | 7.50 |
| CCL | 5.05 | | | | | |
| | | | NEU-TITAN (TIT801) TITAN 1 11/16" Neutron | 4.33 | 1.69 | 25.00 |
| NEU | 0.63 | | | | | |

Dataset: h horsch #14-20.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D. 1.69 in

Database File: h horsch #14-20.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Dec 15 15:01:43 2020 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

| | | | | |
|---|---|---|---|---|
| 150 gr 300 | 3 CCL 0.05 | 200 | NEU (cps) | 2450 |
| 0 GR 150 | | | | |

| | | | | |
|---|---|---|---|---|
| 150 gr 300 | 3 CCL 0.05 | 200 | NEU (cps) | 2450 |
| 0 GR 150 | | | | |

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| Well | H HORSCH #14-20 |
| Field | OWL CREEK |
| County | WOODSON SEC 8 TWP 25 R 16E |
| State | KS Date 12-15-2020 |