



Company: L. D. Drilling, Inc
Lease: Meadow #1-29

SEC: 29 TWN: 8S RNG: 34W
 County: THOMAS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 3255 EGL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 418
 API #: 15-193-21060

Operation:
 Uploading recovery & pressures

DATE
 November
19
 2019

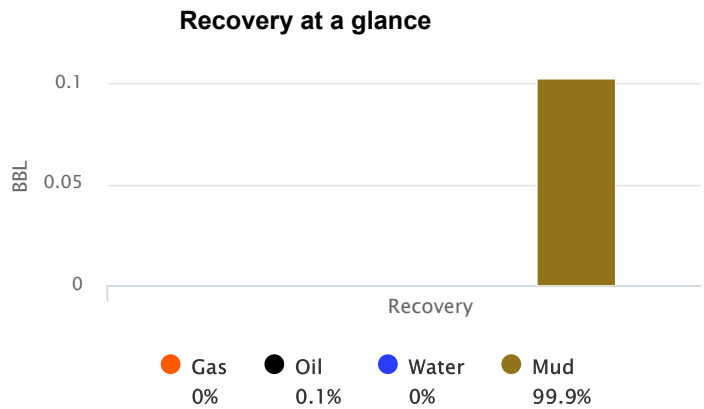
DST #3 **Formation: Metric St. / Johnson** **Test Interval: 4549 - 4675'** **Total Depth: 4675'**
 Time On: 23:58 11/19 Time Off: 07:38 11/20
 Time On Bottom: 03:27 11/20 Time Off Bottom: 05:27 11/20

| <u>Recovered</u> | | <u>Description of Fluid</u> | <u>Gas %</u> | <u>Oil %</u> | <u>Water %</u> | <u>Mud %</u> |
|------------------|-------------|-----------------------------|--------------|--------------|----------------|--------------|
| <u>Foot</u> | <u>BBLs</u> | | | | | |
| 10 | 0.1026 | M (trace O) | 0 | .1 | 0 | 99.9 |

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1026

Reversed Out
NO

| | | |
|---|-------------|------------|
| Initial Hydrostatic Pressure | 2219 | PSI |
| Initial Flow | 22 to 24 | PSI |
| Initial Closed in Pressure | 1057 | PSI |
| Final Flow Pressure | 26 to 27 | PSI |
| Final Closed in Pressure | 840 | PSI |
| Final Hydrostatic Pressure | 2206 | PSI |
| Temperature | 123 | °F |
| Pressure Change Initial Close / Final Close | 20.5 | % |



GIP cubic foot volume: 0



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BUCKET MEASUREMENT:

1st Open: 1/8" Blow built to 1 1/2" over 30 min.
 1st Close: No Return
 2nd Open: Weak Surface blow started at 7 min. 32sec. Built to 1/8" over 30 min..
 2nd Close: No Return

REMARKS:

Tool Sample: 0% Gas .1% Oil 0% Water 99.9% Mud



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Down Hole Makeup

| | |
|--|---------------------------------|
| Heads Up: 22.35 FT | Packer 1: 4543.51 FT |
| Drill Pipe: 4538.29 FT <i>ID-3 1/4</i> | Packer 2: 4548.51 FT |
| Weight Pipe: 0 FT <i>ID-2 7/8</i> | Top Recorder: 4532.93 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Bottom Recorder: 4551 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i> | Well Bore Size: 7 7/8 |
| Total Anchor: 126.49 | Surface Choke: 1" |
| Anchor Makeup | Bottom Choke: 5/8" |
| Packer Sub: 1 FT | |
| Perforations: (top): 27 FT <i>4 1/2-FH</i> | |
| Change Over: .5 FT | |
| Drill Pipe: (in anchor): 94.49 FT <i>ID-3 1/4</i> | |
| Change Over: .5 FT | |
| Perforations: (below): 3 FT <i>4 1/2-FH</i> | |



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Mud Properties

Mud Type: Chem **Weight:** 9.6 **Viscosity:** 57 **Filtrate:** 10.4 **Chlorides:** 5500 ppm



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Gas Volume Report

| 1st Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

| 2nd Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |