



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: NA
 Pool: Infield
 Job Number: 418
 API #: 15-193-21060

Operation:
 Uploading recovery & pressures

DATE
 November
18
 2019

DST #2 **Formation: LKC "K,L"** **Test Interval: 4331 - 4390'** **Total Depth: 4390'**
 Time On: 07:38 11/18 Time Off: 13:58 11/18
 Time On Bottom: 10:00 11/18 Time Off Bottom: 12:00 11/18

Electronic Volume Estimate:
 19'

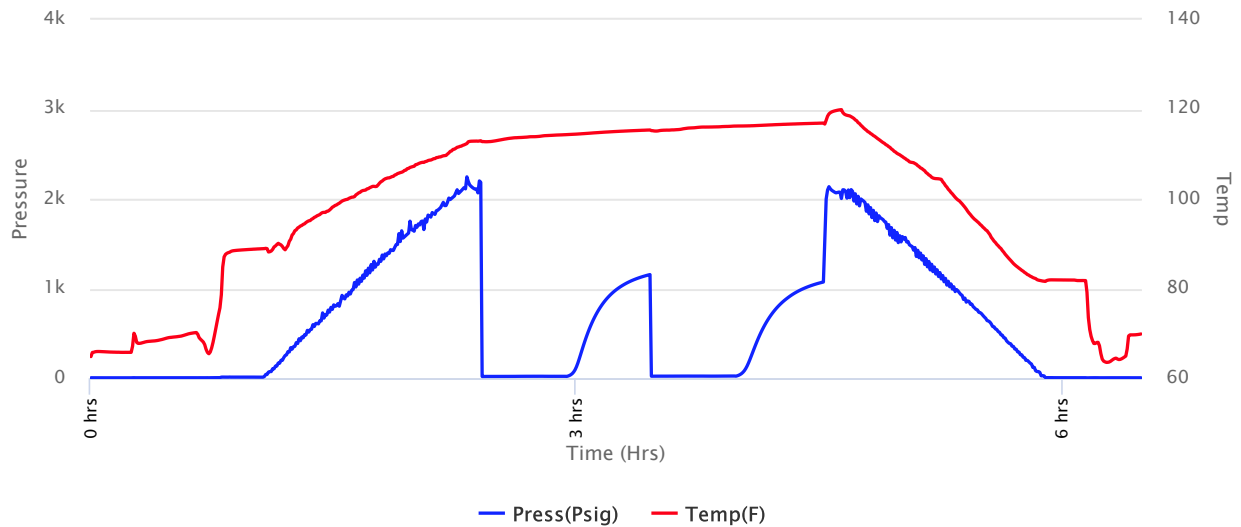
1st Open
 Minutes: 30
 Current Reading: 1.4" at 30 min
 Max Reading: 1.4"

1st Close
 Minutes: 30
 Current Reading: 0" at 30 min
 Max Reading: 0"

2nd Open
 Minutes: 30
 Current Reading: .2" at 30 min
 Max Reading: .2"

2nd Close
 Minutes: 30
 Current Reading: 0" at 30 min
 Max Reading: 0"

Inside Recorder





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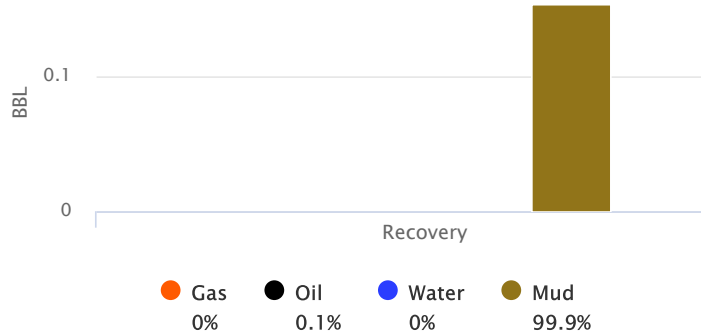
| <u>Recovered</u> | | <u>Description of Fluid</u> | <u>Gas %</u> | <u>Oil %</u> | <u>Water %</u> | <u>Mud %</u> |
|------------------|-------------|-----------------------------|--------------|--------------|----------------|--------------|
| <u>Foot</u> | <u>BBLs</u> | | | | | |
| 15 | 0.1539 | M (trace O) | 0 | .1 | 0 | 99.9 |

Total Recovered: 15 ft
 Total Barrels Recovered: 0.1539

Reversed Out
NO

| | | |
|---------------------------------------------|-------------|------------|
| Initial Hydrostatic Pressure | 2127 | PSI |
| Initial Flow | 20 to 22 | PSI |
| Initial Closed in Pressure | 1148 | PSI |
| Final Flow Pressure | 23 to 25 | PSI |
| Final Closed in Pressure | 1066 | PSI |
| Final Hydrostatic Pressure | 2071 | PSI |
| Temperature | 117 | °F |
| Pressure Change Initial Close / Final Close | 7.2 | % |

Recovery at a glance



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 built to 1/4" over 30 min.
 2nd Close: No Return

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



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Down Hole Makeup

| | |
|----------------------------------------------------------------------------------------|---------------------------------|
| Heads Up: 19.6 FT | Packer 1: 4325.54 FT |
| Drill Pipe: 4317.57 FT <i>ID-3 1/4</i> | Packer 2: 4330.54 FT |
| Weight Pipe: 0 FT <i>ID-2 7/8</i> | Top Recorder: 4314.96 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Bottom Recorder: 4333 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i> | Well Bore Size: 7 7/8 |
| Total Anchor: 59.46 | Surface Choke: 1" |
| Anchor Makeup | Bottom Choke: 5/8" |
| Packer Sub: 1 FT | |
| Perforations: (top): 23 FT <i>4 1/2-FH</i> | |
| Change Over: .5 FT | |
| Drill Pipe: (in anchor): 31.46 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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Gas Volume Report

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

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