

### Company: L. D. Drilling, Inc Lease: Crystal #1-4

County: ELLIS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

SEC: 4 TWN: 11S RNG: 16W

Rig 1

Elevation: 1863 EGL Field Name: Wildcat

Pool: Infield Job Number: 326

Operation:
Uploading recovery & pressures

April

**22** 2019

DST #4

Formation: Lansing/kc. I-L Test Interval: 3214 -

Total Depth: 3312'

3312'

Time On: 07:43 04/22

Time Off: 14:32 04/22

Time On Bottom: 09:42 04/22 Time Off Bottom: 12:42 04/22

Electronic Volume Estimate:

10'

1st Open Minutes: 30 Current Reading:

.8" at 30 min Max Reading: 1.1" 1st Close Minutes: 45 Current Reading: 0" at 45 min

Max Reading: 0"

2nd Open Minutes: 45 Current Reading: 0" at 45 min

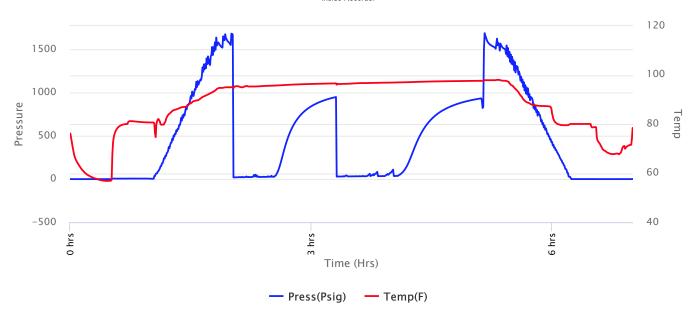
Max Reading: .1"

2nd Close Minutes: 60 Current Reading:

0" at 60 min

Max Reading: 0"







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Recovered

<u>Foot</u> **BBLS** 45 0.4617 Description of Fluid Μ

Gas % 0

Oil % 0

Water % 0

Mud % 100

Total Recovered: 45 ft

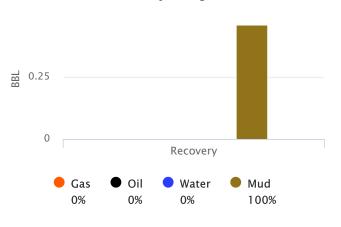
Total Barrels Recovered: 0.4617

Reversed Out NO

Initial Hydrostatic Pressure	1577	PSI
Initial Flow	19 to 25	PSI
Initial Closed in Pressure	949	PSI
Final Flow Pressure	28 to 35	PSI
Final Closed in Pressure	934	PSI
Final Hydrostatic Pressure	1570	PSI
Temperature	98	°F
Pressure Change Initial	1.6	%

Close / Final Close

Recovery at a glance



GIP cubic foot volume: 0



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#### **BUCKET MEASUREMENT:**

1st Open: 1/4" built to 1 1/4"

1st Close: Nobb

2nd Open: Built to wsb 2nd Close: Nobb

**REMARKS:** 

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



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#### **Down Hole Makeup**

Heads Up: Packer 1: 3209 FT 31.57 FT

**Drill Pipe:** 3213 FT Packer 2: 3214 FT

ID-3 1/4 Top Recorder: 3198.42 FT

Weight Pipe: FT **Bottom Recorder:** 3283 FT

Well Bore Size: 7 7/8

ID-2 1/4 **Surface Choke:** 

**Test Tool:** 33.57 FT **Bottom Choke:** 5/8"

ID-3 1/2-FH

ID-2 7/8

Collars:

Jars Safety Joint

**Total Anchor:** 

**Anchor Makeup** 

FT

Packer Sub: 1 FT

Perforations: (top): 2 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 63 FT

ID-3 1/4

**Change Over:** 1 FT

Perforations: (below): 30 FT

4 1/2-FH



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#### **Mud Properties**

Mud Type: Chemical Viscosity: 7.8 Filtrate: 5000 Weight: 9.2 Chlorides: ppm