

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

SEC: 4 TWN: 18S RNG: 28W

Rig 1

Elevation: 2719 EGL Field Name: NA Pool: Infield Job Number: 247

Operation: Uploading recovery & pressures

> **DATE** November 18

> > 2018

DST #1 Formation: Lansing Ε

Test Interval: 4040 -

Total Depth: 4057'

4057'

Time On: 05:17 11/18 Time Off: 12:19 11/18

Time On Bottom: 07:38 11/18 Time Off Bottom: 10:38 11/18

Electronic Volume Estimate:

44'

1st Open Minutes: 30 **Current Reading:** 2.2" at 30 min

Max Reading: 2.2"

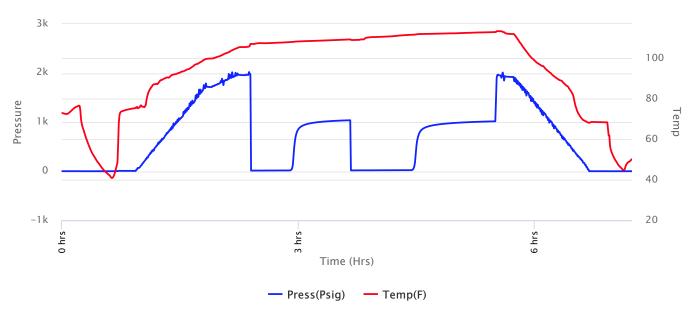
1st Close Minutes: 45 **Current Reading:** 0" at 45 min Max Reading: .5"

2nd Open Minutes: 45 **Current Reading:** 1.3" at 45 min

Max Reading: 1.3"

2nd Close Minutes: 60 **Current Reading:** 0" at 60 min Max Reading: 0"

Inside Recorder





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Recovered

<u>Foot</u> **BBLS** 25 0.2565 **Description of Fluid SLOCM**

<u>Gas %</u> Oil % 0 2

Water % 0

Mud % 98

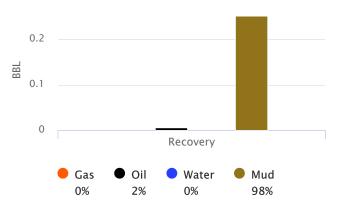
Total Recovered: 25 ft

Total Barrels Recovered: 0.2565

Reversed Out NO

Initial Hydrostatic Pressure	1956	PSI
Initial Flow	10 to 14	PSI
Initial Closed in Pressure	1037	PSI
Final Flow Pressure	15 to 20	PSI
Final Closed in Pressure	1015	PSI
Final Hydrostatic Pressure	1951	PSI
Temperature	113	°F
Pressure Change Initial	2.1	%
Close / Final Close		

Recovery at a glance





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BUCKET MEASUREMENT:

1st Open: Wsb built to 2.2"

1st Close: Nobb

2nd Open: Wsb built to 1.3"

2nd Close: Nobb

REMARKS:

Tool Sample: 10% Gas 8% Oil 2% Water 80% Mud



Company: L. D. Drilling, Inc

Lease: Riemann #1-4

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Down Hole Makeup

Heads Up: Packer 1: 20.72 FT 4035 FT

Drill Pipe: 4028.15 FT Packer 2: 4040 FT

ID-3 1/4 Top Recorder: 4024.42 FT

Weight Pipe: FT **Bottom Recorder:** 4042 FT

ID-2 7/8 Well Bore Size: 7 7/8

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

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

ID-3 1/2-FH

Collars:

Jars Safety Joint

Total Anchor: 17

Anchor Makeup

FT

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): 16 FT

4 1/2-FH



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Mud Properties

Mud Type: Chemical Weight: 8.9 Viscosity: 48 Filtrate: 8.8 Chlorides: 2800 ppm



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Gas Volume Report

1st Open		2nd Open					
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D