

County: LANE State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

SEC: 4 TWN: 18S RNG: 28W

Rig 1

Elevation: 2719 EGL Field Name: Wildcat

Pool: Infield Job Number: 247

Operation:
Uploading recovery &
pressures

DATE November 19

2018

DST #2 Formation: Lansing H and J

Test Interval: 4124 -

Total Depth: 4219'

2nd Close

Minutes: 60

Current Reading:

0" at 60 min

4219'

Time On: 03:30 11/19 Time Off: 10:56 11/19

Time On Bottom: 05:48 11/19 Time Off Bottom: 08:48 11/19

Electronic Volume Estimate:

47'

1st Open Minutes: 30 Current Reading: 2.4" at 30 min

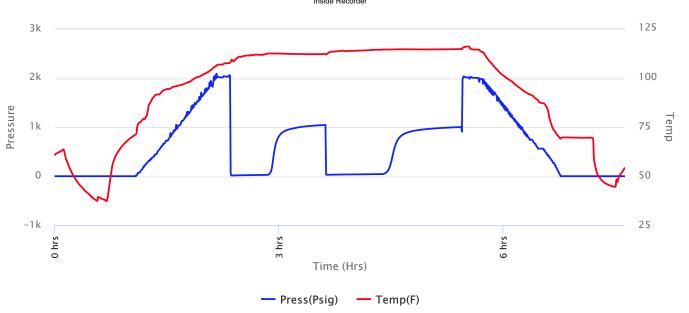
Max Reading: 2.4"

1st Close Minutes: 45 Current Reading: 0" at 45 min Max Reading: 0" <u>2nd Open</u> Minutes: 45 Current Reading:

1.8" at 45 min

Max Reading: 1.8" Max Reading: 0"

Inside Recorder





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DST #2 Formation: Lansing H and J

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Total Depth: 4219'

Water %

0

Mud %

0 90

4219'

Time On: 03:30 11/19 Time Off: 10:56 11/19

Time On Bottom: 05:48 11/19 Time Off Bottom: 08:48 11/19

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	<u>Gas %</u>
2	0.02052	0	0
62	0.63612	SLOCM	0

10	0	

Total Recovered: 64 ft

Total Barrels Recovered: 0.65664

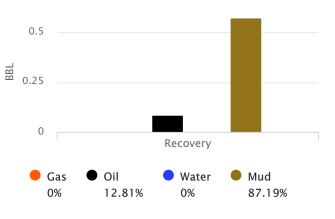
Reversed	Out
NO	

Initial Hydrostatic Pressure	2026	PSI
Initial Flow	13 to 26	PSI
Initial Closed in Pressure	1042	PSI
Final Flow Pressure	28 to 42	PSI
Final Closed in Pressure	1000	PSI
Final Hydrostatic Pressure	2013	PSI
Temperature	115	°F
Pressure Change Initial	4.0	%
Close / Final Close		

Recovery at a glance

Oil %

100





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BUCKET MEASUREMENT:

1st Open: Wsb built to 2.4"

1st Close: Nobb

2nd Open: Wsb built to 1.8"

2nd Close: Nobb

REMARKS: 2 ft slide to btm

Tool Sample: 0% Gas 15% Oil 5% Water 80% Mud

Gravity: 33.4 @ 60 °F



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H and J

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Down Hole Makeup

Heads Up: 30.06 FT

Packer 1: 4119 FT

Drill Pipe: 4121.49 FT

Packer 2: 4124 FT

5/8"

ID-3 1/4

Top Recorder: 4108.42 FT

Weight Pipe: FT

Bottom Recorder: 4193 FT

ID-2 7/8

Well Bore Size: 7 7/8

Collars: FT

0 (0) (

ID-2 1/4

Surface Choke: 1"

Test Tool: 33.57 FT

Bottom Choke:

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 95

Anchor Makeup

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): 27 FT

4 1/2-FH



Company: L. D. Drilling, Inc

Lease: Riemann #1-4

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Mud Properties

Mud Type: Chemical Viscosity: 52 Chlorides: 3000 ppm Weight: 93 Filtrate: 8.0