



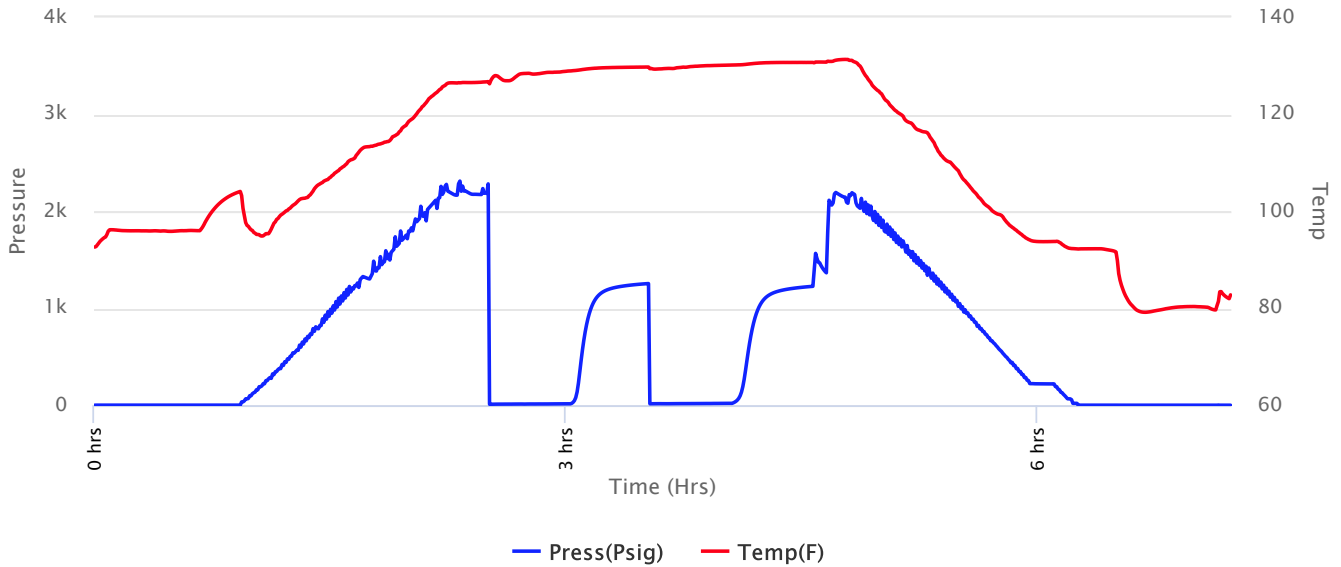
Company: L. D. Drilling, Inc Lease: Murphy #1-31

SEC: 31 TWN: 8S RNG: 31W
County: THOMAS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 3052 EGL
Field Name: Wildcat
Pool: Infield
Job Number: 140

DATE
May
26
2018

DST #6 **Formation: Pawnee** **Test Interval: 4432 - 4474'** **Total Depth: 4732'**
Time On: 14:39 05/26 Time Off: 21:38 05/26
Time On Bottom: 17:02 05/26 Time Off Bottom: 19:02 05/26

Electronic Volume Estimate:	<u>1st Open</u> Minutes: 30 .8" at 30 min	<u>1st Close</u> Minutes: 30 0" at 30 min	<u>2nd Open</u> Minutes: 30 0" at 30 min	<u>2nd Close</u> Minutes: 30 0" at 30 min
-----------------------------	---	---	--	---





Company: L. D. Drilling, Inc
Lease: Murphy #1-31

SEC: 31 TWN: 8S RNG: 31W
 County: THOMAS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 3052 EGL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 140

DATE
 May
26
 2018

DST #6 Formation: Pawnee Test Interval: 4432 - 4474' Total Depth: 4732'

Time On: 14:39 05/26 Time Off: 21:38 05/26
 Time On Bottom: 17:02 05/26 Time Off Bottom: 19:02 05/26

Recovered

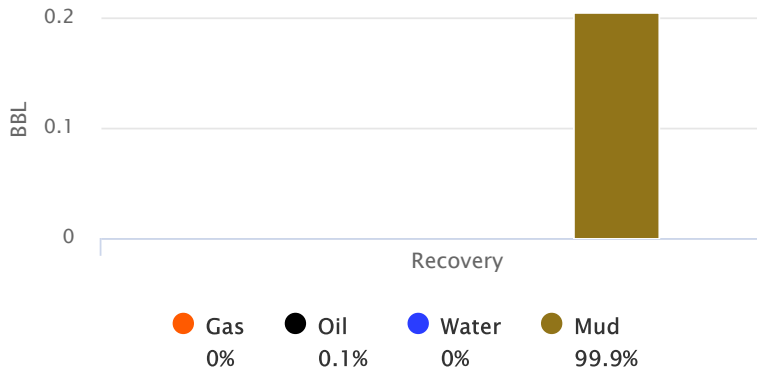
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
20	0.2052	M (trace O)	0	.1	0	99.9

Total Recovered: 20 ft
 Total Barrels Recovered: 0.2052

Reversed Out
 NO

Initial Hydrostatic Pressure	2173	PSI
Initial Flow	10 to 15	PSI
Initial Closed in Pressure	1255	PSI
Final Flow Pressure	15 to 20	PSI
Final Closed in Pressure	1227	PSI
Final Hydrostatic Pressure	2169	PSI
Temperature	131	°F
Pressure Change Initial Close / Final Close	2.3	%

Recovery at a glance





Company: L. D. Drilling, Inc
Lease: Murphy #1-31

SEC: 31 TWN: 8S RNG: 31W
 County: THOMAS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 3052 EGL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 140

DATE
 May
26
 2018

DST #6 Formation: Pawnee Test Interval: 4432 - 4474' Total Depth: 4732'

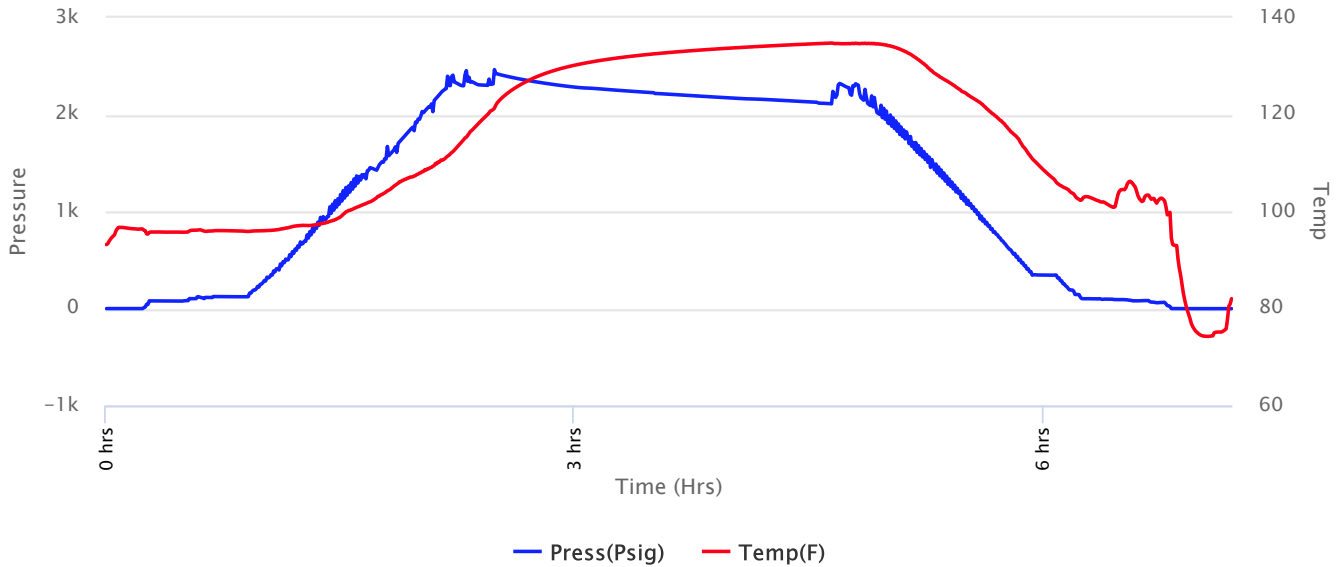
Time On: 14:39 05/26 Time Off: 21:38 05/26
 Time On Bottom: 17:02 05/26 Time Off Bottom: 19:02 05/26

REMARKS:

IF: 1/2 inch blow
 ISI: No BB
 FF: Very weak surface blow
 FSI: No BB

TOOL SAMPLE: TRACE OIL, 100% MUD

Below Straddle Recorder





Company: L. D. Drilling, Inc
Lease: Murphy #1-31

SEC: 31 TWN: 8S RNG: 31W
 County: THOMAS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 3052 EGL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 140

DATE May 26 2018

DST #6 Formation: Pawnee Test Interval: 4432 - 4474' Total Depth: 4732'

Time On: 14:39 05/26 Time Off: 21:38 05/26
 Time On Bottom: 17:02 05/26 Time Off Bottom: 19:02 05/26

Down Hole Makeup

Heads Up: 35.29 FT	Packer 1: 4427.3 FT
Drill Pipe: 4435.02 FT <i>ID-3 1/4</i>	Packer 2: 4432.3 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Packer 3: 4474 FT
Collars: 0 FT <i>ID-2 1/4</i>	Top Recorder: 4416.72 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Bottom Recorder: 4467 FT
Total Anchor: 41.7	Below Straddle Recorder: 4727 FT
	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 1 FT
4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 31.70 FT
ID-3 1/4

Change Over: .5 FT

Perforations: (below): 7 FT
4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

Change Over: 1 FT

Drill Pipe: 249.31 FT
ID-3 1/2"

Change Over: 1 FT

Perforations (in tail pipe): 6 FT
4 1/2-FH



Company: L. D. Drilling, Inc
Lease: Murphy #1-31

SEC: 31 TWN: 8S RNG: 31W
County: THOMAS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 3052 EGL
Field Name: Wildcat
Pool: Infield
Job Number: 140

DATE May 26 2018

DST #6 Formation: Pawnee Test Interval: 4432 - Total Depth: 4732'
4474'

Time On: 14:39 05/26 Time Off: 21:38 05/26
Time On Bottom: 17:02 05/26 Time Off Bottom: 19:02 05/26

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 58 **Filtrate:** 9.6 **Chlorides:** 4,300 ppm



Company: L. D. Drilling, Inc
Lease: Murphy #1-31

SEC: 31 TWN: 8S RNG: 31W
 County: THOMAS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 3052 EGL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 140

DATE
May
26
2018

DST #6 Formation: Pawnee Test Interval: 4432 - 4474' Total Depth: 4732'

Time On: 14:39 05/26 Time Off: 21:38 05/26
 Time On Bottom: 17:02 05/26 Time Off Bottom: 19:02 05/26

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------