



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
23
 2018

DST #3 **Formation: LKC " H- J"** **Test Interval: 4208 - 4295'** **Total Depth: 4295'**
 Time On: 04:38 05/23 Time Off: 11:52 05/23
 Time On Bottom: 06:57 05/23 Time Off Bottom: 09:57 05/23

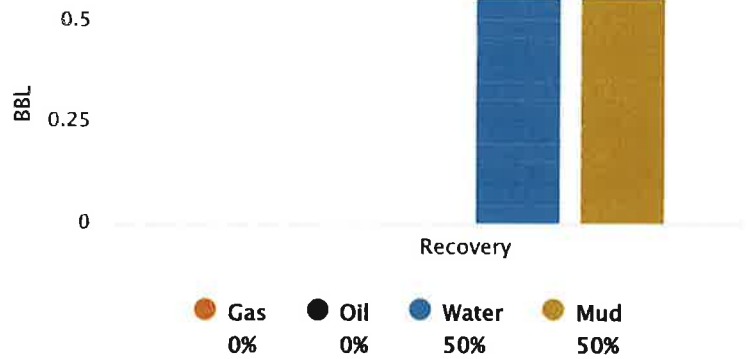
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
110	1.1286	HMCW	0	0	50	50

Total Recovered: 110 ft
 Total Barrels Recovered: 1.1286

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	2079	PSI
Initial Flow	12 to 31	PSI
Initial Closed in Pressure	1312	PSI
Final Flow Pressure	34 to 62	PSI
Final Closed in Pressure	1292	PSI
Final Hydrostatic Pressure	2062	PSI
Temperature	128	°F
Pressure Change Initial Close / Final Close	1.5	%



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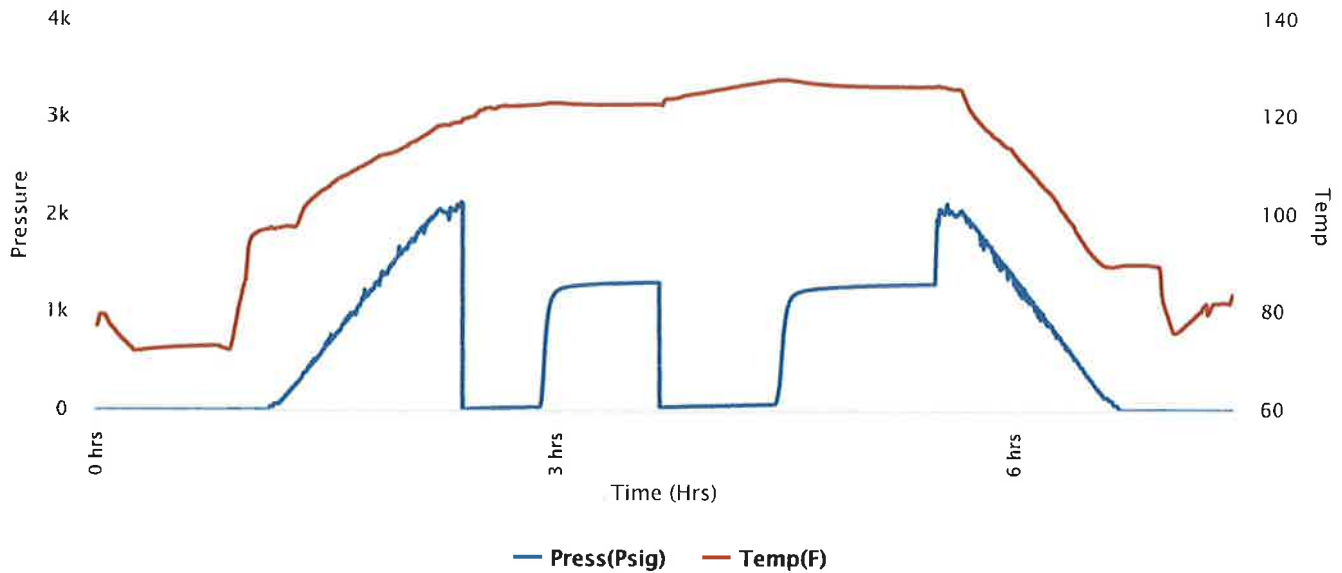
Electronic Volume Estimate:
 101'

1st Open
 Minutes: 30
 4.6" at 30 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 45
 4.2" at 45 min

2nd Close
 Minutes: 60
 0" at 60 min





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REMARKS:

IF: 4 inch blow

ISI: No BB

FF: 3 3/4 inch blow

FSI: No BB

TOOL SAMPLE: TRACE OIL, 51% WATER, 49% MUD

Ph: 9.0

RW: .25 @ 74 degrees F

Chlorides: 22,000 ppm



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Down Hole Makeup

Heads Up: 6.86 FT	Packer 1: 4202.83 FT
Drill Pipe: 4182.12 FT <i>ID-3 1/4</i>	Packer 2: 4207.83 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4192.25 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4278 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: 87.17	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 4 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 62.17 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 18 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 56 **Filtrate:** 9.6 **Chlorides:** 3,400 ppm



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Gas Volume Report

1st Open

2nd Open

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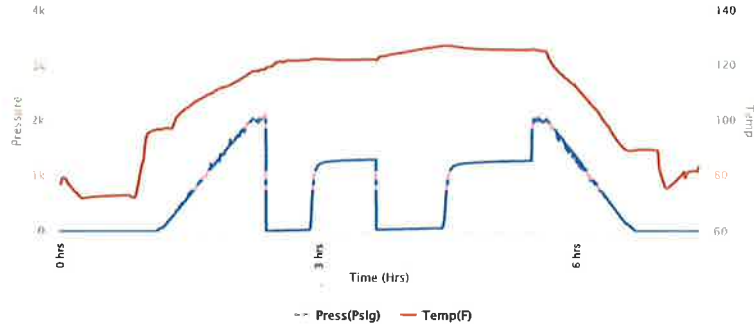
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