



Company: L. D. Drilling, Inc
Lease: Couse #1-30

SEC: 30 TWN: 10S RNG: 18W
 County: ROOKS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 2054 EGL
 Field Name: Ordway West
 Pool: Infield
 Job Number: 127

DATE
 April
28
 2018

DST #5 **Formation: LKC "J-L"** **Test Interval: 3456 - 3510'** **Total Depth: 3510'**
 Time On: 10:32 04/28 Time Off: 17:47 04/28
 Time On Bottom: 12:47 04/28 Time Off Bottom: 15:47 04/28

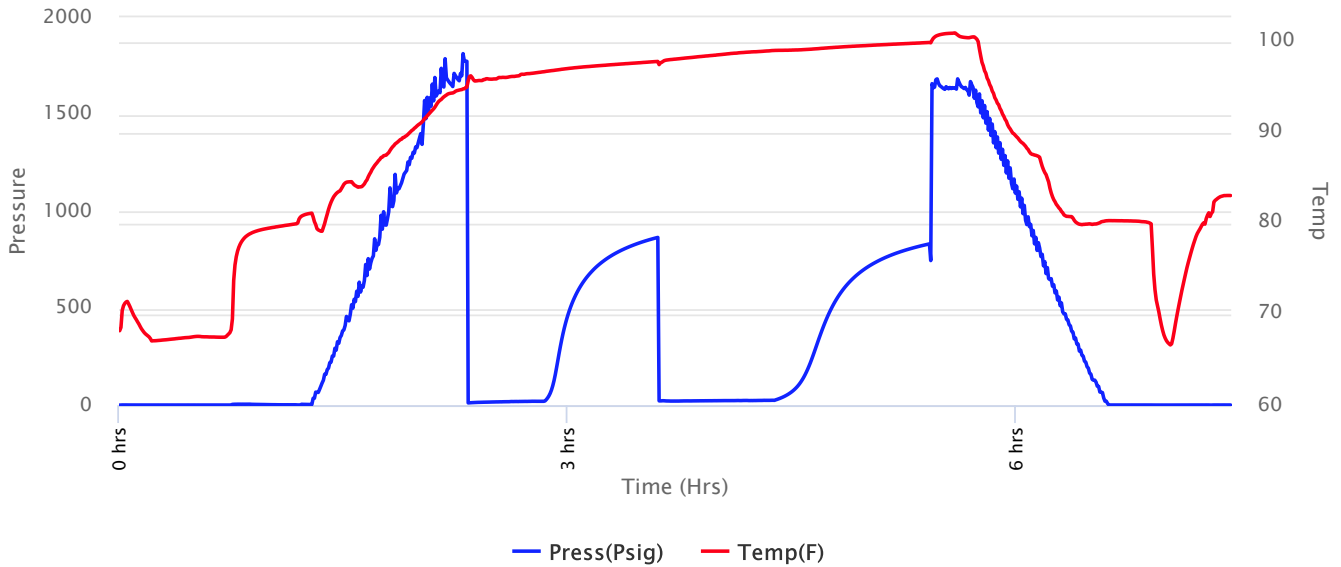
Electronic Volume
 Estimate:
 33'

1st Open
 Minutes: 30
 2.3" at 30 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 45
 1.3" at 45 min

2nd Close
 Minutes: 60
 0" at 60 min





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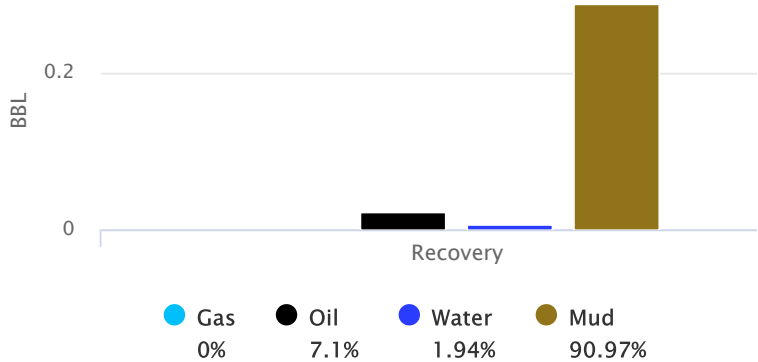
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1	0.01026	O	0	100	0	0
30	0.3078	SLWCSLOCM	0	4	2	94

Total Recovered: 31 ft
 Total Barrels Recovered: 0.31806

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1644	PSI
Initial Flow	12 to 21	PSI
Initial Closed in Pressure	866	PSI
Final Flow Pressure	23 to 26	PSI
Final Closed in Pressure	832	PSI
Final Hydrostatic Pressure	1638	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	3.9	%



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REMARKS:

IF: 2 1/4 inch blow
ISI: No BB
FF: 1 1/4 inch blow
FSI: No BB

TOOL SAMPLE: 6% GAS, 15% OIL, 19% WATER, 60% MUD

Ph: 6.5

RW: .18 @ 78 degrees F

Chlorides: 38,000 ppm



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Down Hole Makeup

Heads Up: 8.36 FT	Packer 1: 3451.28 FT
Drill Pipe: 3432.07 FT <i>ID-3 1/4</i>	Packer 2: 3456.28 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3440.7 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3494 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: 53.72	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.72 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 17 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 62 **Filtrate:** 6.0 **Chlorides:** 9,100 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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