



Company: L. D. Drilling, Inc
Lease: Samuel #3

SEC: 21 TWN: 21S RNG: 13W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1899 EGL
 Field Name: Shaeffer-Rothgarn
 Pool: Infield
 Job Number: 111

DATE
 March
05
 2018

DST #1 **Formation: L/KCL H-L** **Test Interval: 3478 - 3580'** **Total Depth: 3580'**
 Time On: 05:02 03/05 Time Off: 11:19 03/05
 Time On Bottom: 07:16 03/05 Time Off Bottom: 09:16 03/05

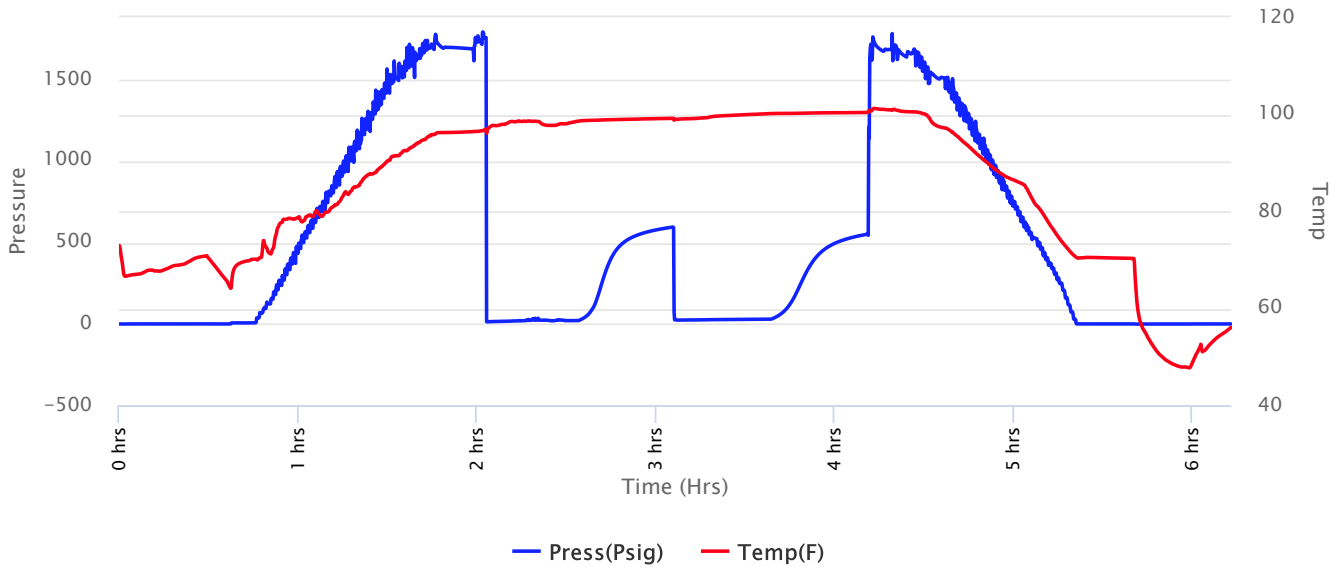
Electronic Volume Estimate:
 24'

1st Open
 Minutes: 30
 1.9" at 30 min

1st Close
 Minutes: 30
 0" at 30 min

2nd Open
 Minutes: 30
 .7" at 30 min

2nd Close
 Minutes: 30
 0" at 30 min





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Recovered

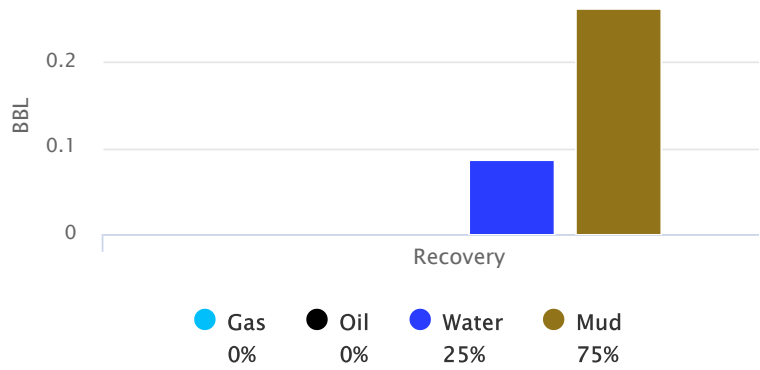
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
34	0.34884	WCM	0	0	25	75

Total Recovered: 34 ft
 Total Barrels Recovered: 0.34884

Reversed Out
 NO

Initial Hydrostatic Pressure	1693	PSI
Initial Flow	14 to 24	PSI
Initial Closed in Pressure	594	PSI
Final Flow Pressure	25 to 30	PSI
Final Closed in Pressure	553	PSI
Final Hydrostatic Pressure	1696	PSI
Temperature	101	°F
Pressure Change Initial Close / Final Close	6.9	%

Recovery at a glance





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REMARKS:

- 10. WSB. Built to 1 3/4 inch in 30 mins.
- 1C. NOBB
- 2O. No Blow. Built to 3/4 inch in 30 mins
- 2C. NOBB

TOOL Sample. 3 % O. 28 % W. 69 % M

Ph: 7

RW: .45 @ 40 degrees F

Chlorides: 25000 ppm



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Down Hole Makeup

Heads Up: 22.43 FT	Packer 1: 3473 FT
Drill Pipe: 3467.86 FT <i>ID-3 1/4</i>	Packer 2: 3478 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3462.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3547 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: 102	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 62.5 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 34 FT <i>4 1/2-FH</i>	



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 L **3580'**

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Mud Properties

Mud Type: Chem **Weight: 9.15** **Viscosity: 55** **Filtrate: 8.8** **Chlorides: 5900 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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