



Company: Ritchie Exploration, Inc.

Lease: Seymour-Morrill #1

SEC: 2 TWN: 22S RNG: 18W
County: PAWNEE
State: Kansas
Drilling Contractor: Sterling Drilling Company - Rig 5
Elevation: 2043 EGL
Field Name: Eddy NW
Pool: Infield
Job Number: 55

DATE
September
13
2017

DST #5 **Formation: Kinderhook** **Test Interval: 4126 - 4186'** **Total Depth: 4186'**
Time On: 22:37 09/12 Time Off: 03:52 09/13
Time On Bottom: 00:00 01/01 Time Off Bottom: 02:15 09/13

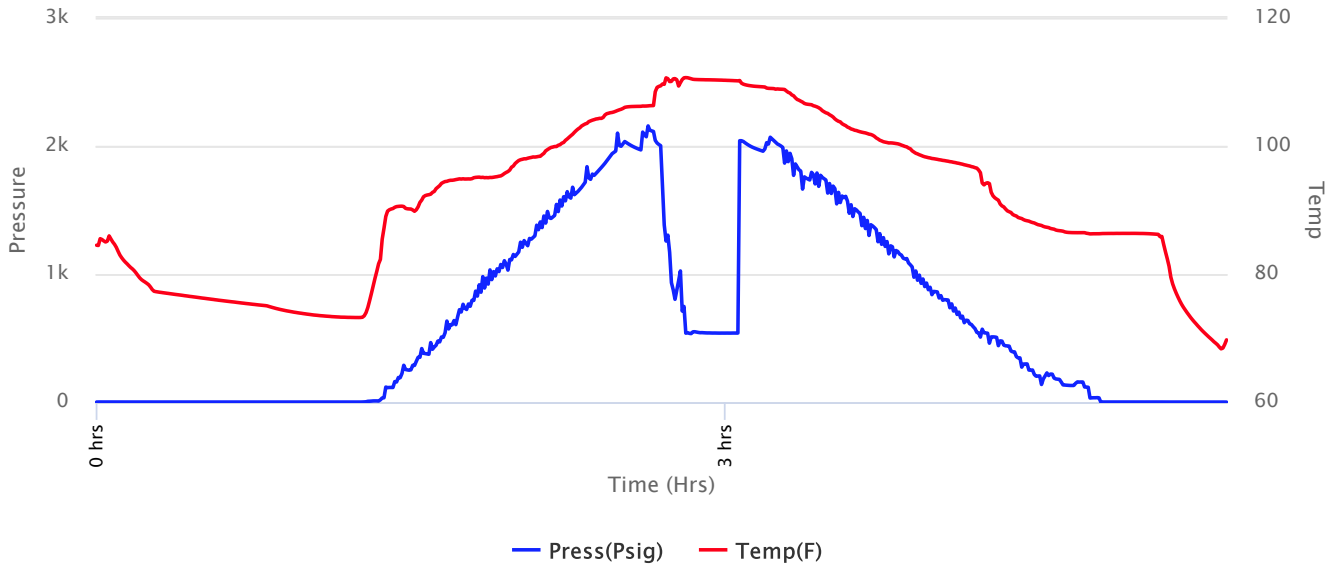
Electronic Volume Estimate:
0'

1st Open
N/A

1st Close
N/A

2nd Open
N/A

2nd Close
N/A





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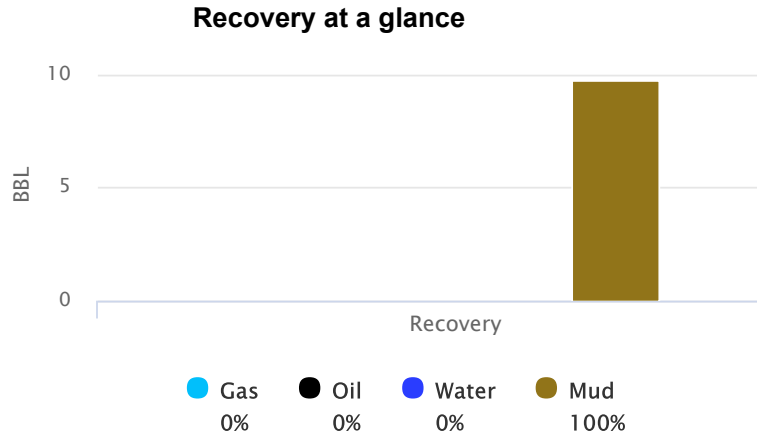
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1050	9.74254925	M	0	0	0	100

Total Recovered: 1050 ft
 Total Barrels Recovered: 9.74254925

Reversed Out
 NO

Initial Hydrostatic Pressure	0	PSI
Initial Flow	0	PSI
Initial Closed in Pressure	0	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	0	PSI
Temperature	0	°F
Pressure Change Initial Close / Final Close	0.0	%





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REMARKS:

PACKER FAILURE
MIS-RUN



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Kinderhook **4186'**
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Down Hole Makeup

Heads Up: 9.31 FT	Packer 1: 4121.12 FT
Drill Pipe: 3887.11 FT <i>ID-3 1/4</i>	Packer 2: 4126.12 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4110.54 FT
Collars: 215.75 FT <i>ID-2 3/8</i>	Bottom Recorder: 4165 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: 59.88	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: 1 FT	
Drill Pipe: (in anchor): 31.88 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 22 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical	Weight: 9.4	Viscosity: 66	Filtrate: 10.4	Chlorides: 5,100 ppm
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