



Company: Ritchie Exploration, Inc.

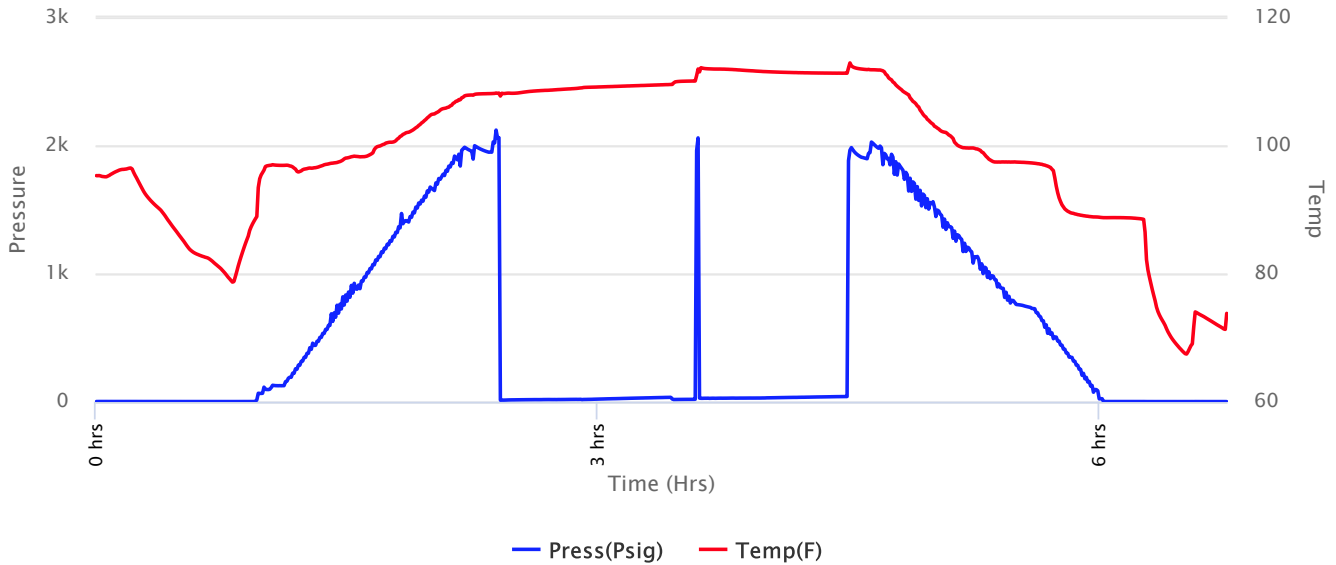
Lease: Seymour-Morrill #1

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
11
 2017

DST #3 **Formation: Cherokee "A"** **Test Interval: 4092 - 4121'** **Total Depth: 4121'**
 Time On: 17:31 09/11 Time Off: 00:06 09/12
 Time On Bottom: 19:52 09/11 Time Off Bottom: 21:52 09/11

Electronic Volume Estimate:	<u>1st Open</u> Minutes: 30 0" 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
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Recovered

Foot	BBLs
10	0.0548

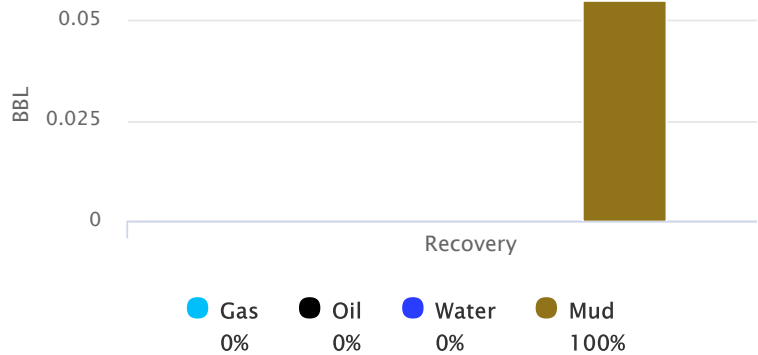
Description of Fluid	Gas %	Oil %	Water %	Mud %
M	0	0	0	100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.0548

Reversed Out
 NO

Initial Hydrostatic Pressure	1948	PSI
Initial Flow	12 to 17	PSI
Initial Closed in Pressure	35	PSI
Final Flow Pressure	17 to 29	PSI
Final Closed in Pressure	40	PSI
Final Hydrostatic Pressure	1940	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





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REMARKS:

IF: Surface blow
ISI: No BB
FF: Surface blow after we flushed tool 8 min into period.
FSI: No BB

TOOL SAMPLE: 100% MUD



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Down Hole Makeup

Heads Up: 11.46 FT	Packer 1: 4087 FT
Drill Pipe: 3855.14 FT <i>ID-3 1/4</i>	Packer 2: 4092 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4076.42 FT
Collars: 215.75 FT <i>ID-2 3/8</i>	Bottom Recorder: 4094 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: 29	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/4</i>	
Change Over: 0 FT	
Perforations: (below): 28 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical	Weight: 9.4	Viscosity: 67	Filtrate: 8.8	Chlorides: 5,100 ppm
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