



Company: RJM Oil Company, Inc
Lease: Doctor Gerald #1

SEC: 25 TWN: 17S RNG: 12W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1854 GL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 70

DATE
 October
25
 2017

DST #3 Formation: Arbuckle Test Interval: 3322 - 3379' Total Depth: 3379'

Time On: 07:35 10/25 Time Off: 13:48 10/25
 Time On Bottom: 09:07 10/25 Time Off Bottom: 12:22 10/25

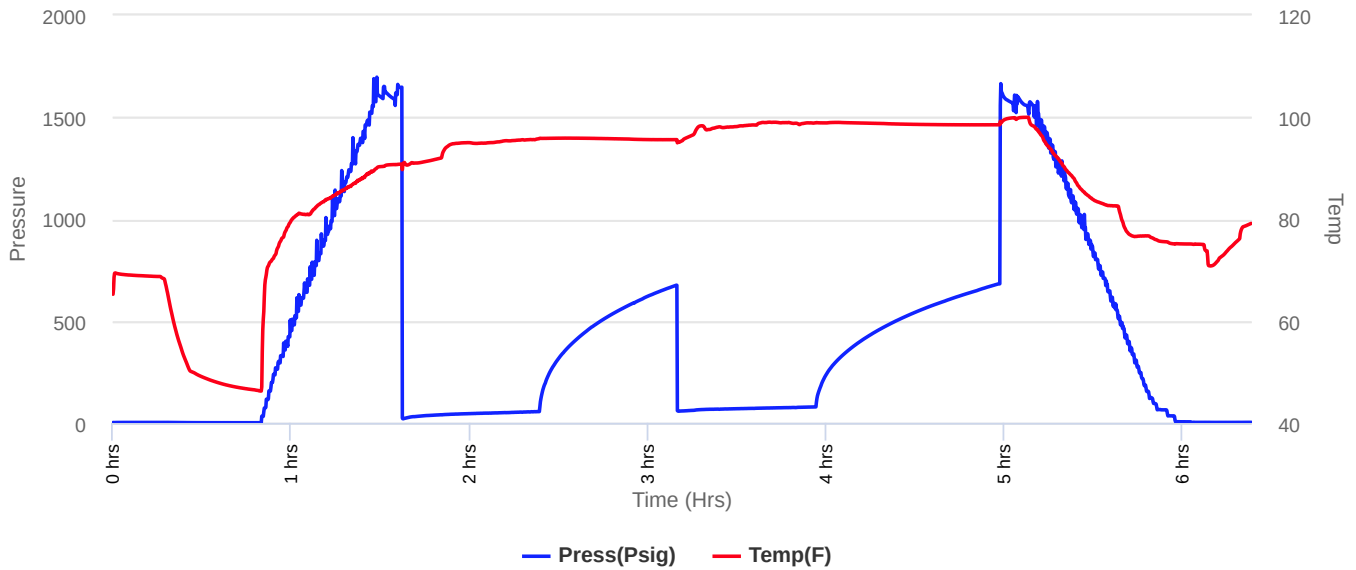
Electronic Volume Estimate:
 171'

1st Open
 Minutes: 45
 13.1" at 45 min

1st Close
 Minutes: 45
 .25" at 45 min

2nd Open
 Minutes: 45
 6.5" at 45 min

2nd Close
 Minutes: 60
 .1" at 60 min





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Recovered

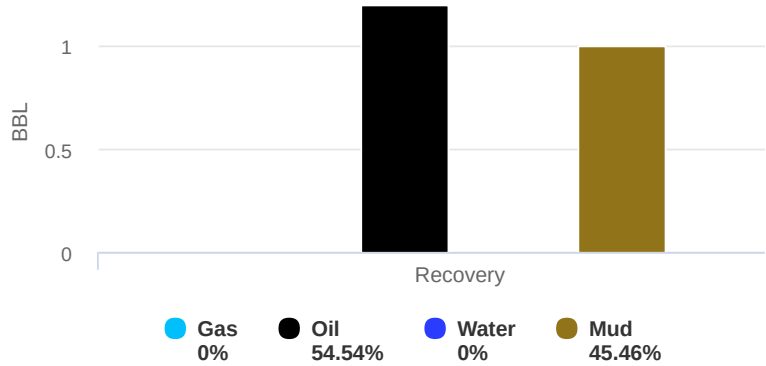
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
60	0.8538	O	0	100	0	0
33	0.46959	SLOCM	0	18	0	82
62	0.88226	HOCM	0	30	0	70

Total Recovered: 155 ft
 Total Barrels Recovered: 2.20565

Reversed Out
 NO

Initial Hydrostatic Pressure	1594	PSI
Initial Flow	24 to 56	PSI
Initial Closed in Pressure	676	PSI
Final Flow Pressure	60 to 79	PSI
Final Closed in Pressure	683	PSI
Final Hydrostatic Pressure	1589	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





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3379'
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REMARKS:

Initial Flow: 1 in. blow increasing. BOB in 37 mins.
Initial Shut-in: 1/4 in. blow back.
Final Flow: Weak, surface blow increasing to 6 1/2 ins. in 45 mins.
Final Shut-in: Weak, surface blow back.

Tool Sample: 40% oil, 60% mud

Gravity: 37.9 @ 60 degrees F



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Down Hole Makeup

Heads Up: 4.39 FT	Packer 1: 3317 FT
Drill Pipe: 3301.23 FT <i>ID-3 1/2</i>	Packer 2: 3322 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3309 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3360 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 57	Surface Choke: 1"
<u>Anchor Makeup</u>	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.50 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 20 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 8.8 **Viscosity:** 58 **Filtrate:** 6.4 **Chlorides:** 4,800 ppm