



Company: RJM Oil Company, Inc
Lease: Riedl #4

SEC: 10 TWN: 17S RNG: 14W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1977 GL
 Field Name: Larkin
 Pool: Infield
 Job Number: 81

DATE
 November
19
 2017

DST #1 **Formation: Lans "A-F"** **Test Interval: 3216 - 3274'** **Total Depth: 3274'**
 Time On: 07:38 11/19 Time Off: 13:59 11/19
 Time On Bottom: 09:20 11/19 Time Off Bottom: 12:20 11/19

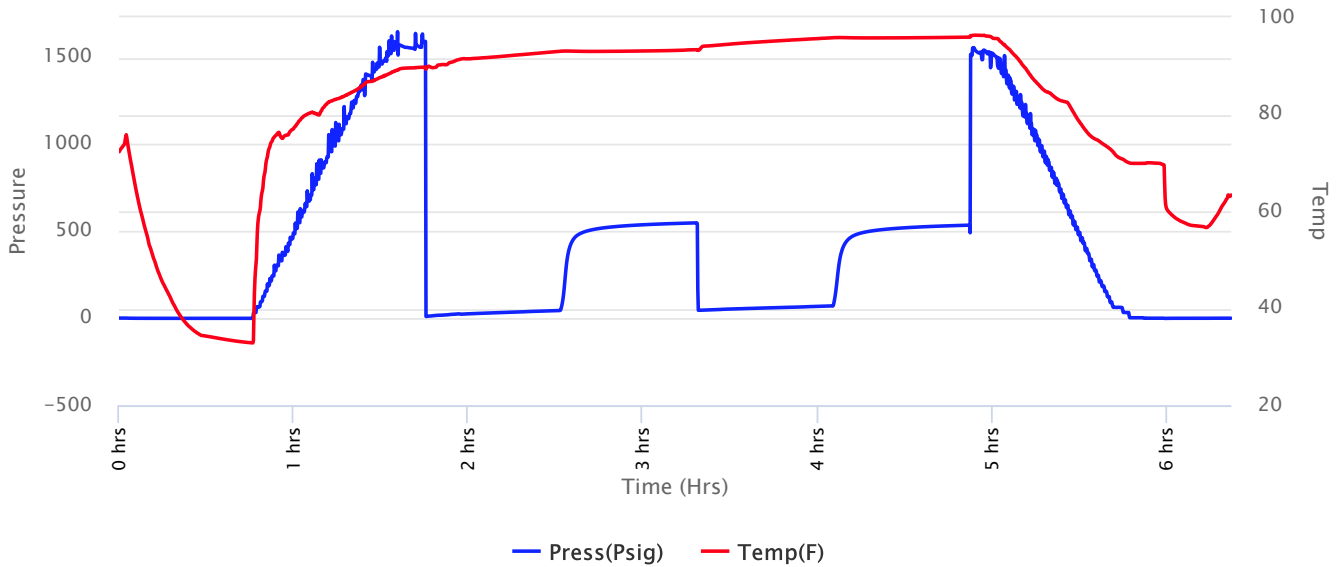
Electronic Volume Estimate:
 282'

1st Open
 Minutes: 45
 12.6" at 45 min

1st Close
 Minutes: 45
 3.8" at 45 min

2nd Open
 Minutes: 45
 17" at 45 min

2nd Close
 Minutes: 45
 .9" at 45 min





Company: RJM Oil Company, Inc
Lease: Riedl #4

SEC: 10 TWN: 17S RNG: 14W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1977 GL
 Field Name: Larkin
 Pool: Infield
 Job Number: 81

DATE
 November
19
 2017

DST #1 **Formation: Lans "A-F"** **Test Interval: 3216 - 3274'** **Total Depth: 3274'**

Time On: 07:38 11/19 Time Off: 13:59 11/19
 Time On Bottom: 09:20 11/19 Time Off Bottom: 12:20 11/19

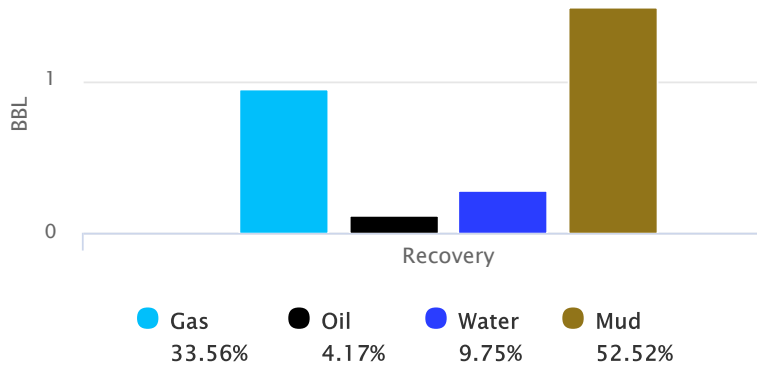
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
63	0.89649	G	100	0	0	0
10	0.1423	SLWCOCM	0	20	5	75
126	1.79298	SLGCSLOC SLWCM	3	5	15	77

Total Recovered: 199 ft
 Total Barrels Recovered: 2.83177

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1546	PSI
Initial Flow	11 to 45	PSI
Initial Closed in Pressure	544	PSI
Final Flow Pressure	47 to 71	PSI
Final Closed in Pressure	536	PSI
Final Hydrostatic Pressure	1547	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	1.5	%



**Company: RJM Oil Company,
Inc
Lease: Riedl #4**

SEC: 10 TWN: 17S RNG: 14W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1977 GL
Field Name: Larkin
Pool: Infield
Job Number: 81

DATE November 19 2017
--

DST #1	Formation: Lans "A- F"	Test Interval: 3216 - 3274'	Total Depth: 3274'
	Time On: 07:38 11/19	Time Off: 13:59 11/19	
	Time On Bottom: 09:20 11/19	Time Off Bottom: 12:20 11/19	

REMARKS:

Initial Flow: 1/2 in. blow. BOB in 36 mins.

Initial Shut-in: 3 3/4 in. blow back.

Final Flow: Weak, surface blow. BOB in 26 mins.

Final Shut-in: 1 in. blow back.

Diesel in bucket.

Tool Sample: 3% oil, 77% water, 20% mud

RW: .19 @ 54 degrees F

Chlorides: 50,000 ppm



**Company: RJM Oil Company,
Inc
Lease: Riedl #4**

SEC: 10 TWN: 17S RNG: 14W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1977 GL
Field Name: Larkin
Pool: Infield
Job Number: 81

<p>DATE November 19 2017</p>
--

**DST #1 Formation: Lans "A-
F" Test Interval: 3216 -
3274' Total Depth: 3274'**

Time On: 07:38 11/19 Time Off: 13:59 11/19
Time On Bottom: 09:20 11/19 Time Off Bottom: 12:20 11/19

Down Hole Makeup

Heads Up: 11.67 FT	Packer 1: 3211.16 FT
Drill Pipe: 3202.67 FT <i>ID-3 1/2</i>	Packer 2: 3216.16 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3203.16 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3254 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 57.84	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): 31.34 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 21 FT <i>4 1/2-FH</i>	



**Company: RJM Oil Company,
Inc
Lease: Riedl #4**

SEC: 10 TWN: 17S RNG: 14W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1977 GL
Field Name: Larkin
Pool: Infield
Job Number: 81

<p>DATE November 19 2017</p>
--

**DST #1 Formation: Lans "A-
F" Test Interval: 3216 - Total Depth: 3274'**
3274'

Time On: 07:38 11/19 Time Off: 13:59 11/19
Time On Bottom: 09:20 11/19 Time Off Bottom: 12:20 11/19

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 58 **Filtrate:** 9.0 **Chlorides:** 8,000 ppm



Company: RJM Oil Company, Inc

Lease: Riedl #4

SEC: 10 TWN: 17S RNG: 14W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1977 GL
 Field Name: Larkin
 Pool: Infield
 Job Number: 81

DATE
November
19
2017

DST #1 Formation: Lans "A-F" Test Interval: 3216 - 3274' Total Depth: 3274'
 Time On: 07:38 11/19 Time Off: 13:59 11/19
 Time On Bottom: 09:20 11/19 Time Off Bottom: 12:20 11/19

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------