Company: RJM Oil Company, Inc

Lease: Grossardt #3

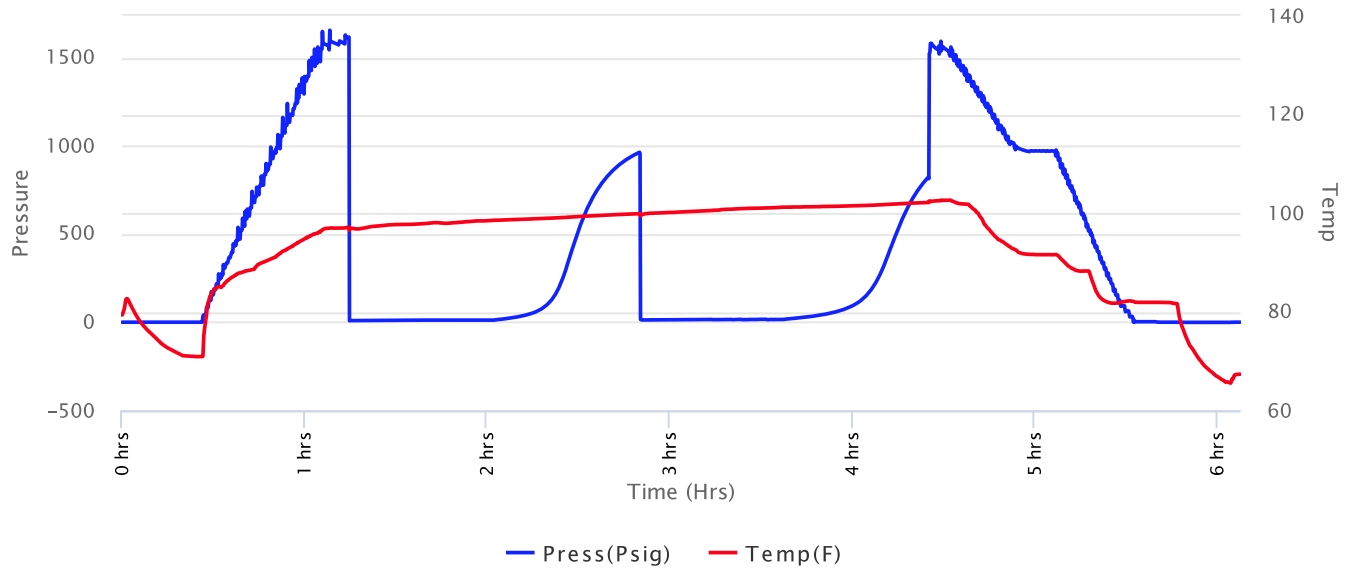
SEC: 10 TWN: 17S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 1855 GL
Field Name: Kraft-Prusa
Pool: Infield
Job Number: 53

DATE
September
14
2017

DST #4 **Formation: Arbuckle** **Test Interval: 3265 - 3305'** **Total Depth: 3305'**

Time On: 01:15 09/14 Time Off: 07:12 09/14
Time On Bottom: 02:28 09/14 Time Off Bottom: 05:28 09/14

Electronic Volume Estimate:	1st Open	1st Close	2nd Open	2nd Close
	Minutes: 45	Minutes: 45	Minutes: 45	Minutes: 45
15'	.7" at 45 min	0" at 45 min	1.1" at 45 min	0" at 45 min



Company: RJM Oil Company, Inc

Lease: Grossardt #3

SEC: 10 TWN: 17S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 1855 GL
Field Name: Kraft-Prusa
Pool: Infield
Job Number: 53

DATE
September
14
2017

DST #4 **Formation: Arbuckle** **Test Interval: 3265 - 3305'** **Total Depth: 3305'**

Time On: 01:15 09/14 Time Off: 07:12 09/14
Time On Bottom: 02:28 09/14 Time Off Bottom: 05:28 09/14

Recovered

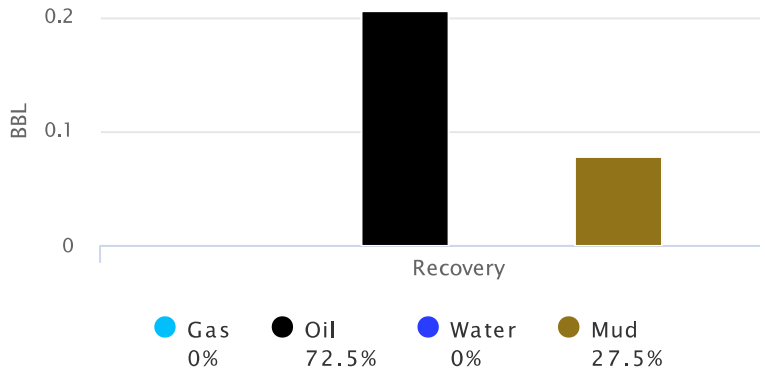
Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1423	HOCM	0	45	0	55
10	0.1423	O	0	100	0	0

Total Recovered: 20 ft
Total Barrels Recovered: 0.2846

Reversed Out
NO

Initial Hydrostatic Pressure	1576	PSI
Initial Flow	9 to 14	PSI
Initial Closed in Pressure	**966**	**PSI**
Final Flow Pressure	13 to 17	PSI
Final Closed in Pressure	**825**	**PSI**
Final Hydrostatic Pressure	1571	PSI
Temperature	103	°F
Pressure Change Initial Close / Final Close	14.6	%

Recovery at a glance



Company: RJM Oil Company, Inc

Lease: Grossardt #3

SEC: 10 TWN: 17S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 1855 GL
Field Name: Kraft-Prusa
Pool: Infield
Job Number: 53

DATE
September
14
2017

DST #4 **Formation: Arbuckle** **Test Interval: 3265 - 3305'** **Total Depth: 3305'**

Time On: 01:15 09/14 Time Off: 07:12 09/14
Time On Bottom: 02:28 09/14 Time Off Bottom: 05:28 09/14

REMARKS:
Initial Flow: WSB. Built to 3/4 in.
Initial Shut-in: No blow back.
Final Flow: WSB. Built to 1 in.
Final Shut-in: No blow back.

Tool Sample: 100% oil

Gravity: 46 @ 60 degrees F

Company: RJM Oil Company, Inc
Lease: Grossardt #3

SEC: 10 TWN: 17S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 1855 GL
Field Name: Kraft-Prusa
Pool: Infield
Job Number: 53

DATE
September
14
2017

DST #4 **Formation: Arbuckle** **Test Interval: 3265 - 3305'** **Total Depth: 3305'**

Time On: 01:15 09/14 Time Off: 07:12 09/14
Time On Bottom: 02:28 09/14 Time Off Bottom: 05:28 09/14

Down Hole Makeup

Heads Up: 27.97 FT

Drill Pipe: 3267.81 FT
ID-3 1/2

Weight Pipe: 0 FT
ID-2 7/8

Collars: 0 FT
ID-2 1/4

Test Tool: 26.16 FT
ID-3 1/2-FH

Total Anchor: 40

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT
4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT
ID-3 1/2

Change Over: 0 FT

Perforations: (below): 36 FT
4 1/2-FH

Packer 1: 3260 FT

Packer 2: 3265 FT

Top Recorder: 3252 FT

Bottom Recorder: 3270 FT

Well Bore Size: 7 7/8

Surface Choke: 1"

Bottom Choke: 5/8"

Company: RJM Oil Company, Inc

Lease: Grossardt #3

SEC: 10 TWN: 17S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 1855 GL
Field Name: Kraft-Prusa
Pool: Infield
Job Number: 53

DATE
September
14
2017

DST #4 **Formation: Arbuckle** **Test Interval: 3265 - 3305'** **Total Depth: 3305'**

Time On: 01:15 09/14 Time Off: 07:12 09/14
Time On Bottom: 02:28 09/14 Time Off Bottom: 05:28 09/14

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 48 **Filtrate:** 8.8 **Chlorides:** 6,000 ppm