Company: RJM Oil Company, Inc

Lease: Grossardt #3

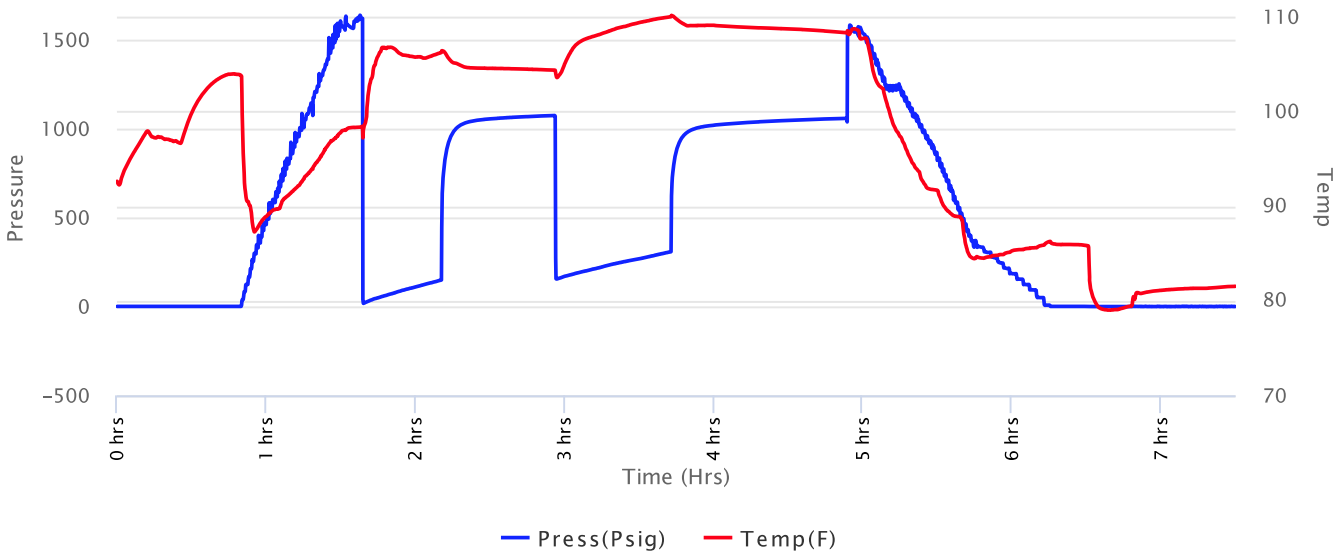
SEC: 10 TWN: 17S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 1855 GL
Field Name: Kraft-Prusa
Pool: Infield
Job Number: 53

DATE
September
14
2017

DST #5 **Formation: Arbuckle** **Test Interval: 3275 - 3322'** **Total Depth: 3322'**

Time On: 14:53 09/14 Time Off: 22:10 09/14
Time On Bottom: 16:29 09/14 Time Off Bottom: 19:29 09/14

Electronic Volume Estimate:	1st Open Minutes: 30	1st Close Minutes: 45	2nd Open Minutes: 45	2nd Close Minutes: 60
787'	44.6" at 30 min	.5" at 45 min	52.3" at 45 min	.5" at 60 min



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Recovered

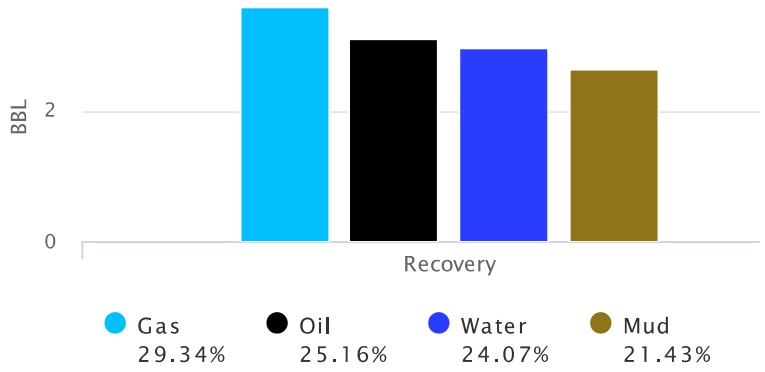
Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
166	2.36218	G	100	0	0	0
82	1.16686	O	0	100	0	0
186	2.64678	SLWCGCMCO	20	50	2	28
186	2.64678	SLWCSLOCGCM	25	18	17	40
248	3.52904	SLGCSLOCMCW	2	4	70	24

Total Recovered: 868 ft
Total Barrels Recovered: 12.35164

Reversed Out
NO

Initial Hydrostatic Pressure	1567	PSI
Initial Flow	19 to 150	PSI
Initial Closed in Pressure	**1076**	**PSI**
Final Flow Pressure	156 to 309	PSI
Final Closed in Pressure	**1060**	**PSI**
Final Hydrostatic Pressure	1554	PSI
Temperature	111	°F
Pressure Change Initial Close / Final Close	1.5	%

Recovery at a glance



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REMARKS:
Initial Flow: 1 in. blow. BOB in 6 3/4 mins.
Initial Shut-in: 1/2 in. blow back.
Final Flow: 1 in. blow. BOB in 8 3/4 mins.
Final Shut-in: 1/2 in. blow back.

Tool Sample: 20% oil, 2% water, 78% mud

Gravity: 43 @ 60 degrees F

Ph: 7

RW: .22 @ 80 degrees F

Chlorides: 29,000 ppm

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Down Hole Makeup

Heads Up:	17.6 FT	**Packer 1:**	3270 FT
Drill Pipe: *ID-3 1/2*	3267.44 FT	**Packer 2:**	3275 FT
Weight Pipe: *ID-2 7/8*	0 FT	**Top Recorder:**	3262 FT
Collars: *ID-2 1/4*	0 FT	**Bottom Recorder:**	3280 FT
Test Tool: *ID-3 1/2-FH*	26.16 FT	**Well Bore Size:**	7 7/8
Total Anchor:	47	**Surface Choke:**	1"
		Bottom Choke:	5/8"

Anchor Makeup

Packer Sub:	1 FT
Perforations: (top): *4 1/2-FH*	3 FT
Change Over:	0 FT
Drill Pipe: (in anchor): *ID-3 1/2*	0 FT
Change Over:	0 FT
Perforations: (below): *4 1/2-FH*	43 FT

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Mud Properties

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