



Company: RJM Oil Company, Inc
Lease: Reif #2

SEC: 1 TWN: 17S RNG: 12W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1878 GL
 Field Name: Odin East
 Pool: Infield
 Job Number: 395
 API #: 15-009-26275

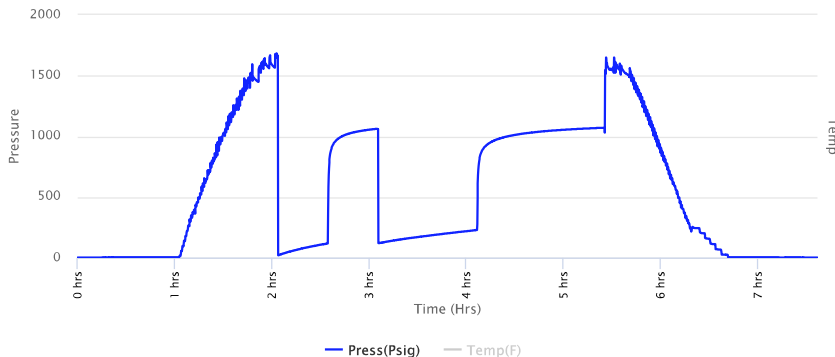
Operation:
 Uploading recovery & pressures

DATE
 September
25
 2019

DST #3 Formation: Arbuckle Test Interval: 3294 - 3353' Total Depth: 3353'
 Time On: 22:50 09/25 Time Off: 06:14 09/26
 Time On Bottom: 00:50 09/26 Time Off Bottom: 03:50 09/26

Electronic Volume Estimate: 378'	<u>1st Open</u> Minutes: 30 Current Reading: 22.4" at 30 min Max Reading: 22.4"	<u>1st Close</u> Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"	<u>2nd Open</u> Minutes: 60 Current Reading: 22.4" at 60 min Max Reading: 22.4"	<u>2nd Close</u> Minutes: 60 Current Reading: 0" at 60 min Max Reading: 0"
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Inside Recorder



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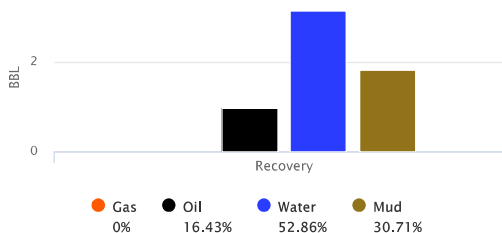
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
180	2.5614	OCHWCM	0	25	30	45
240	3.4152	SLOCMCW	0	10	70	20

Total Recovered: 420 ft
 Total Barrels Recovered: 5.9766

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1567	PSI
Initial Flow	21 to 118	PSI
Initial Closed in Pressure	1061	PSI
Final Flow Pressure	121 to 229	PSI
Final Closed in Pressure	1071	PSI
Final Hydrostatic Pressure	1566	PSI
Temperature	106	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



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BUCKET MEASUREMENT:
1st Open: BOB in 12 min
1st Close: No Blow
2nd Open: BOB in 25 min
2nd Close: No Blow

REMARKS:

Tool Sample: 0% Gas 5% Oil 85% Water 10% Mud

Chlorides: 16000 ppm



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Down Hole Makeup

Heads Up: 31.13 FT	Packer 1: 3288.78 FT
Drill Pipe: 3299.75 FT <i>ID-3 1/2</i>	Packer 2: 3293.78 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3280.78 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3351 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 59.22	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 22 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.22 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 54 **Filtrate:** 10.4 **Chlorides:** 6000 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D