



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
24
 2019

DST #1 Formation: Lkc A-F Test Interval: 3063 - 3150' Total Depth: 3150'
 Time On: 07:46 09/24 Time Off: 14:35 09/24
 Time On Bottom: 10:20 09/24 Time Off Bottom: 12:20 09/24

Electronic Volume Estimate:
 N/A

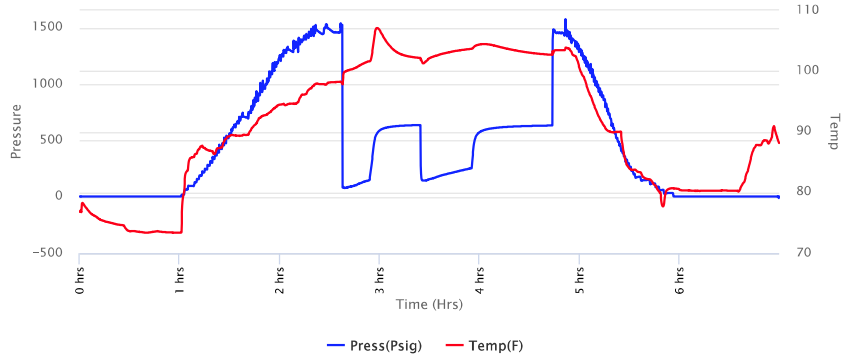
1st Open
 Minutes: 11
 Current Reading: 440" at 11 min
 Max Reading: 440"

1st Close
 Minutes: 30
 Current Reading:
 Bleeding off gas " at 30 min
 Max Reading: Bleeding off gas "

2nd Open
 N/A

2nd Close
 Minutes: 45
 Current Reading:
 Bleeding off gas " at 45 min
 Max Reading: Bleeding off gas "

Inside Recorder



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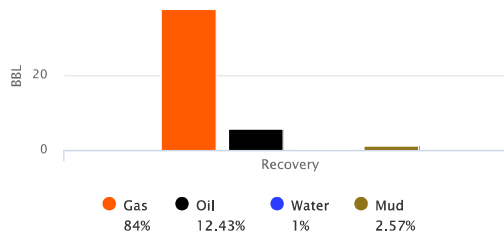
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
2520	35.8596	G	100	0	0	0
510	7.2573	SLWC SLMCGCO	20	65	5	10
120	1.7076	SLWC GCMCO	20	50	5	25

Total Recovered: 3150 ft
 Total Barrels Recovered: 44,8245

Reversed Out
 NO

Recovery at a glance



GIP cubic foot volume: 211.40041

Initial Hydrostatic Pressure	1462	PSI
Initial Flow	84 to 148	PSI
Initial Closed in Pressure	639	PSI
Final Flow Pressure	146 to 255	PSI
Final Closed in Pressure	635	PSI
Final Hydrostatic Pressure	1461	PSI
Temperature	108	°F
Pressure Change Initial	0.7	%
Close / Final Close		



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BUCKET MEASUREMENT:
 1st Open: BOB IN 45 SEC
 1st Close: Bleeding off gas
 2nd Open: BOB in 1 min
 2nd Close: Bleeding off gas

REMARKS:
 Tool Sample: 15% Gas 60% Oil 5% Water 20% Mud
 Gravity: 37.5 @ 60 °F



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Down Hole Makeup

Heads Up: 6.67 FT	Packer 1: 3058.4 FT
Drill Pipe: 3044.91 FT <i>ID-3 1/2</i>	Packer 2: 3063.4 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Packer 3: 3150 FT
Collars: FT <i>ID-2 1/4</i>	Top Recorder: 3050.4 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Bottom Recorder: 3148 FT
Total Anchor: 86.6	Below Straddle Recorder: 3151 FT
Anchor Makeup	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): 17 FT <i>4 1/2-FH</i>	Bottom Choke: 5/8"
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.60 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	
STRADDLE	
Straddle Packer(s): FT	
Change Over: FT	
Drill Pipe: FT <i>ID-3 1/2"</i>	
Change Over: FT	
Perforations (in tail pipe): FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 8.6 **Viscosity:** 50 **Filtrate:** 8.8 **Chlorides:** 1800 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D
12	0.125	18	13.5
15	0.125	22	15.5

2nd Open			
Time	Orifice	PSI	MCF/D
5	0.125	3.0	4.84
10	0.125	8.5	8.59
15	0.125	10	9.45
20	0.125	13	11.0
25	0.125	15	12.1
30	0.125	16	12.5

