



Company: Black Rock Resources, LLC
Lease: Polifka #18-1

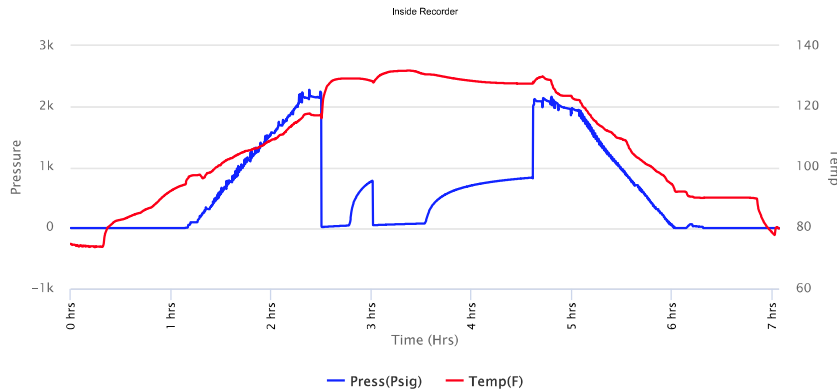
SEC: 18 TWN: 13S RNG: 26W
 County: GOVE
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 8
 Elevation: 2504 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 385
 API #: 15-063-22364

Operation:
 Uploading recovery & pressures

DATE
 September
09
 2019

DST #4 **Formation: Mississippi** **Test Interval: 4333 - 4345'** **Total Depth: 4345'**
 Time On: 16:56 09/09 Time Off: 23:48 09/09
 Time On Bottom: 19:22 09/09 Time Off Bottom: 21:37 09/09

Electronic Volume Estimate: 237'	<u>1st Open</u> Minutes: 15 Current Reading: 11" at 15 min Max Reading: 11"	<u>1st Close</u> Minutes: 15 Current Reading: 0" at 15 min Max Reading: 0"	<u>2nd Open</u> Minutes: 30 Current Reading: 9.6" at 30 min Max Reading: 9.6"	<u>2nd Close</u> Minutes: 50 Current Reading: 0" at 50 min Max Reading: 0"
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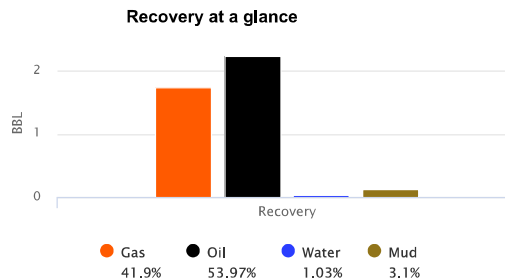
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
120	1.7076	G	100	0	0	0
140	1.9922	O	0	100	0	0
30	0.4269	SLGCSLWCHMCO	5	55	10	30

Total Recovered: 290 ft
 Total Barrels Recovered: 4,1267

Reversed Out
 NO



Initial Hydrostatic Pressure	2148	PSI
Initial Flow	18 to 42	PSI
Initial Closed in Pressure	780	PSI
Final Flow Pressure	48 to 76	PSI
Final Closed in Pressure	830	PSI
Final Hydrostatic Pressure	2087	PSI
Temperature	132	°F
Pressure Change Initial Close / Final Close	0.0	%



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BUCKET MEASUREMENT:

1st Open: Built to 11"
 1st Close: No Blow
 2nd Open: Built to 9.6"
 2nd Close: No Blow

REMARKS:

Tool Sample: 5% Gas 50% Oil 5% Water 40% Mud
 Gravity: 35.3 @ 60 °F



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Down Hole Makeup

Heads Up: 17.96 FT	Packer 1: 4328 FT
Drill Pipe: 4323.22 FT <i>ID-3 1/2</i>	Packer 2: 4333 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4317.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4346 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 12	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 11 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 57 **Filtrate:** 7.6 **Chlorides:** 3900 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D