



**Company: Black Stone
Petroleum, LLC
Lease: SWOB #3**

SEC: 26 TWN: 18S RNG: 16W
County: RUSH
State: Kansas
Drilling Contractor: Landmark Drilling,
LLC - Rig 6
Elevation: 1941 EGL
Field Name: Otis-Albert
Pool: Infield
Job Number: 18

DATE
July
08
2017

DST #1 **Formation: Reagan** **Test Interval: 3536 - 3557'** **Total Depth: 3557'**
Time On: 18:45 07/08 Time Off: 01:53 07/09
Time On Bottom: 21:51 07/08 Time Off Bottom: 23:21 07/08

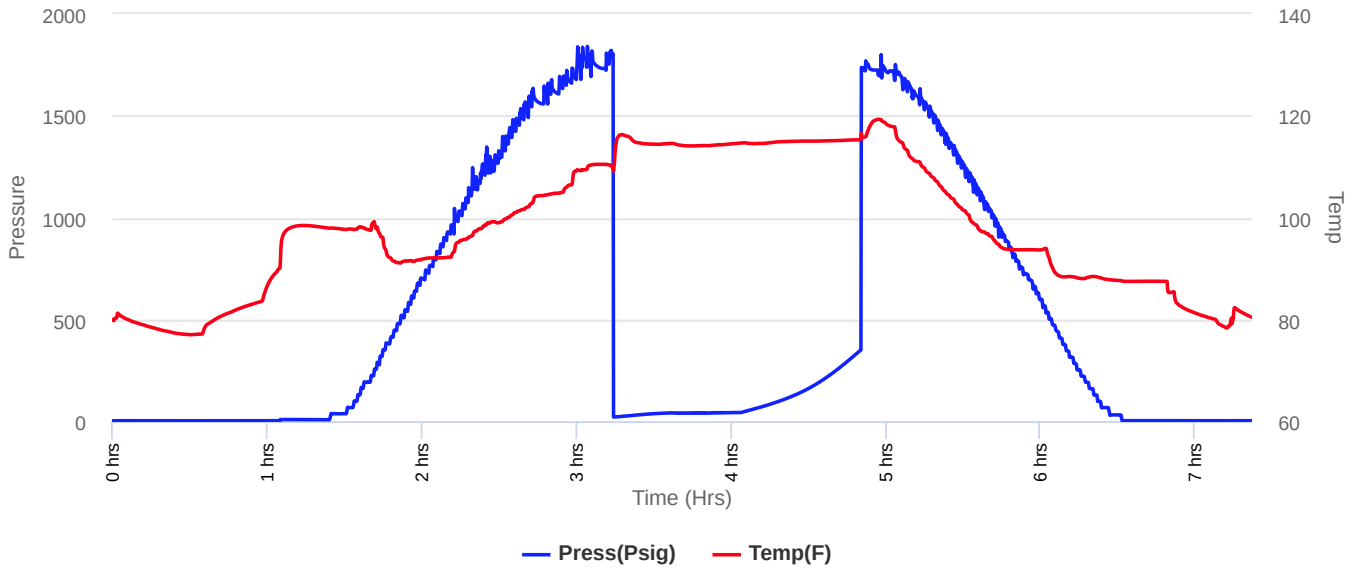
Electronic Volume
Estimate:
223'

1st Open
Minutes: 45
18.2" at 45 min

1st Close
Minutes: 45
0" at 45 min

2nd Open
N/A

2nd Close
N/A





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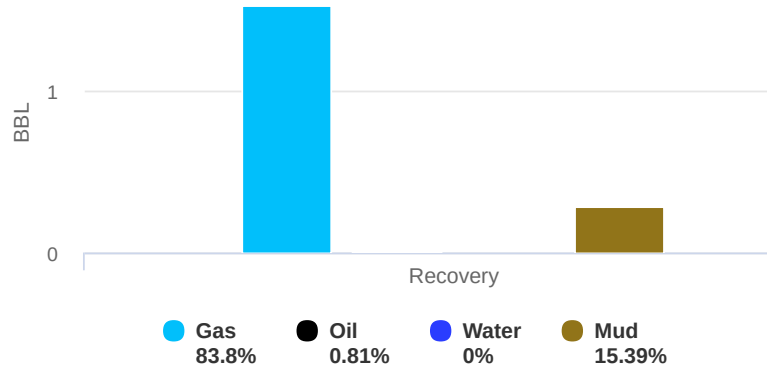
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
125	1.52738	G	100	0	0	0
60	0.2952	SLOCM	0	5	0	95

Total Recovered: 185 ft
Total Barrels Recovered: 1.82258

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1739	PSI
Initial Flow	22 to 44	PSI
Initial Closed in Pressure	350	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1725	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	0.0	%



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REMARKS:

TOOL SAMPLE: 25% OIL, 10% WATER, 65% MUD



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Down Hole Makeup

Heads Up: 9.42 FT	Packer 1: 3530.5 FT
Drill Pipe: 3424.85 FT <i>ID-3 1/2</i>	Packer 2: 3536 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3519.42 FT
Collars: 87 FT <i>ID-2 1/4</i>	Bottom Recorder: 3541 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 8 3/4
Total Anchor: 21	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 17 FT <i>4 1/2-FH</i>	



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3557'

Time On: 18:45 07/08 Time Off: 01:53 07/09
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Mud Properties

Mud Type: Chemical **Weight:** 9.0 **Viscosity:** 48 **Filtrate:** 10.4 **Chlorides:** 10000 ppm