



**Company: Black Stone
Petroleum, LLC
Lease: Moore #1**

SEC: 25 TWN: 18S RNG: 16W
County: RUSH
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1930 EGL
Field Name: Otis-Albert
Pool: Infield
Job Number: 96

DATE
December
10
2017

DST #1 **Formation: REAGAN SAND** **Test Interval: 3497 - 3554'** **Total Depth: 3554'**
Time On: 09:10 12/10 Time Off: 14:10 12/10
Time On Bottom: 11:31 12/10 Time Off Bottom: 11:31 12/10

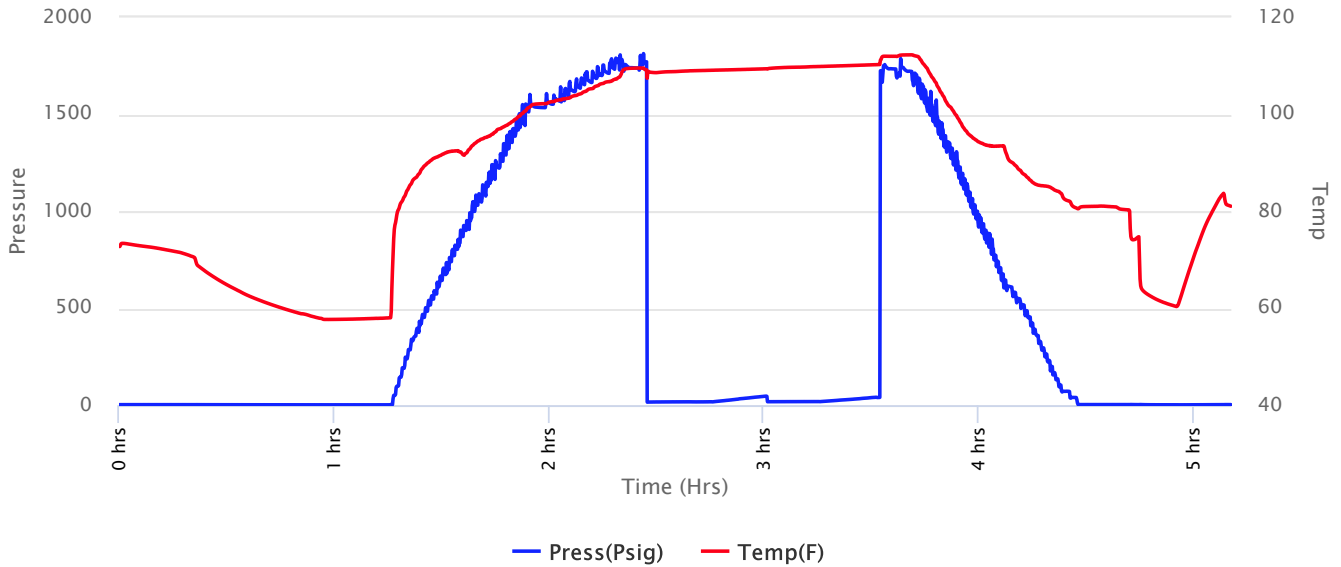
Electronic Volume
Estimate:
6'

1st Open
Minutes: 15
.6" at 15 min

1st Close
Minutes: 15
0" at 15 min

2nd Open
Minutes: 15
.1" at 15 min

2nd Close
Minutes: 15
0" at 15 min





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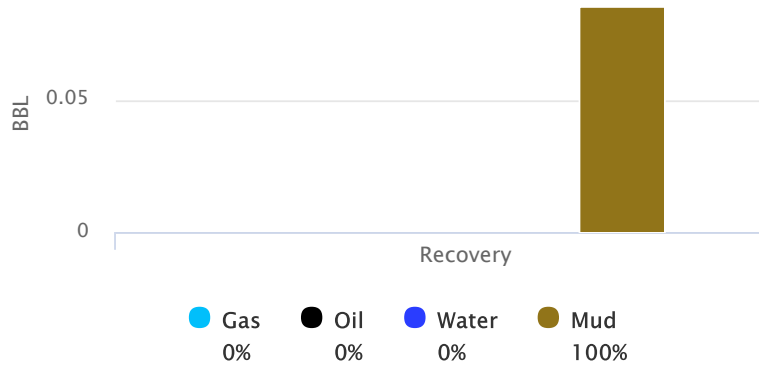
Recovered

<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
6	0.08538	M	0	0	0	100

Total Recovered: 6 ft
Total Barrels Recovered: 0.08538

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1728	PSI
Initial Flow	16 to 18	PSI
Initial Closed in Pressure	46	PSI
Final Flow Pressure	19 to 19	PSI
Final Closed in Pressure	41	PSI
Final Hydrostatic Pressure	1688	PSI
Temperature	111	°F
Pressure Change Initial Close / Final Close	12.1	%



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REMARKS:

TOOL SAMPLE:100% MUD

IFP:WSB-INCREASING TO 1/2" IN 15 MINUTES

ISIP:NO BLOW BACK

FFP:NO BLOW-INCREASING TO WSB IN 15 MINUTES

FSIP:NO BLOW BACK



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Down Hole Makeup

Heads Up: 22.25 FT	Packer 1: 3491.5 FT
Drill Pipe: 3485.68 FT <i>ID-3 1/2</i>	Packer 2: 3497 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3480.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3555 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 57	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 56 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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Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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