



**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 #2 **Formation: REAGAN SAND** **Test Interval: 3545 - 3571'** **Total Depth: 3571'**
Time On: 21:15 12/10 Time Off: 03:00 12/11
Time On Bottom: 23:05 12/10 Time Off Bottom: 01:05 12/11

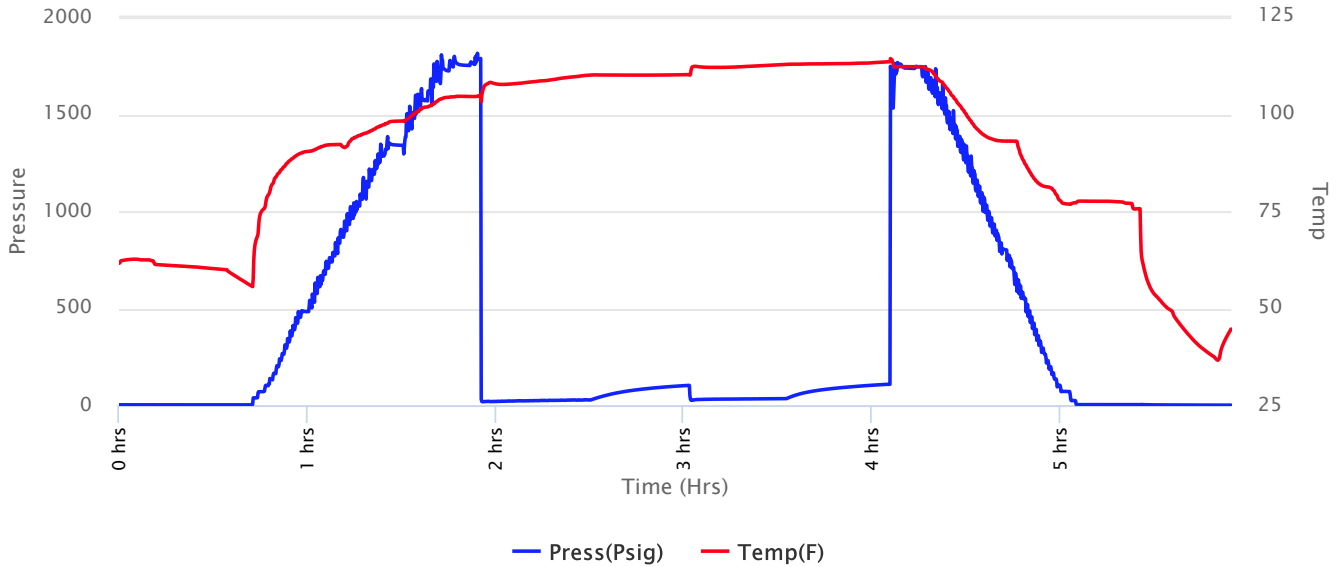
Electronic Volume
Estimate:
192'

1st Open
Minutes: 30
12.7" at 30 min

1st Close
Minutes: 30
0" at 30 min

2nd Open
Minutes: 30
8.3" at 30 min

2nd Close
Minutes: 30
0" at 30 min





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Recovered

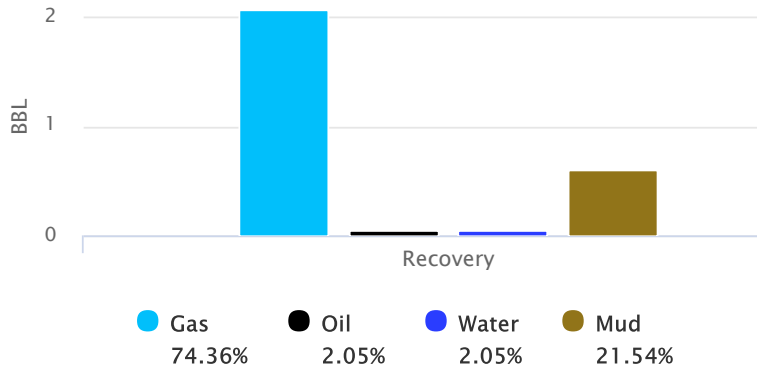
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
145	2.06335	G	100	0	0	0
50	0.7115	SLWCSLOCM	0	8	8	84

Total Recovered: 195 ft
Total Barrels Recovered: 2.77485

Reversed Out
NO

Initial Hydrostatic Pressure	1753	PSI
Initial Flow	19 to 27	PSI
Initial Closed in Pressure	103	PSI
Final Flow Pressure	28 to 35	PSI
Final Closed in Pressure	108	PSI
Final Hydrostatic Pressure	1738	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





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REMARKS:

TOOL SAMPLE:22% OIL 20% WATER 58% MUD

IFP:1/4"BLOW-INCREASING TO BOB IN 27 MINUTES

ISIP:NO BLOW BACK

FFP:1"BLOW-INCREASING TO 8 1/4" IN 30 MINUTES

FSIP:NO BLOW BACK

Ph: 9

RW: .62 @ 30 degrees F

Chlorides: 22000 ppm



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Down Hole Makeup

Heads Up: 6.34 FT	Packer 1: 3539.5 FT
Drill Pipe: 3517.77 FT <i>ID-3 1/2</i>	Packer 2: 3545 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3528.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3550 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: 26	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: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 22 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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