



**Company: Grand Mesa
Operating Company
Lease: Sauer #1-5**

SEC: 5 TWN: 24S RNG: 10W
County: RENO
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 4
Elevation: 1786 KB
Field Name: Zenith-Peace Creek
Pool: WILDCAT
Job Number: 68

DATE
October
27
2017

DST #1 **Formation: Misener-Viola** **Test Interval: 3635 - 3780'** **Total Depth: 3780'**
Time On: 20:18 10/26 Time Off: 05:40 10/27
Time On Bottom: 22:55 10/26 Time Off Bottom: 02:40 10/27

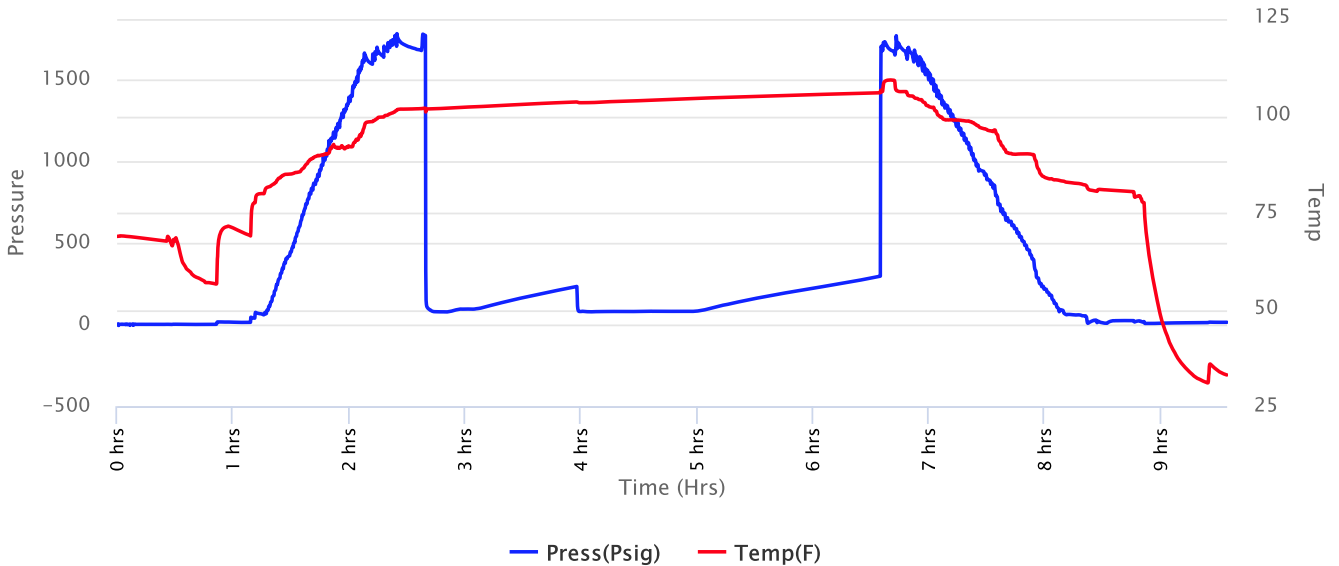
Electronic Volume Estimate:
633'

1st Open
Minutes: 30
16.6" at 30 min

1st Close
Minutes: 45
0" at 45 min

2nd Open
Minutes: 60
44.8" at 60 min

2nd Close
Minutes: 90
0" at 90 min





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Recovered

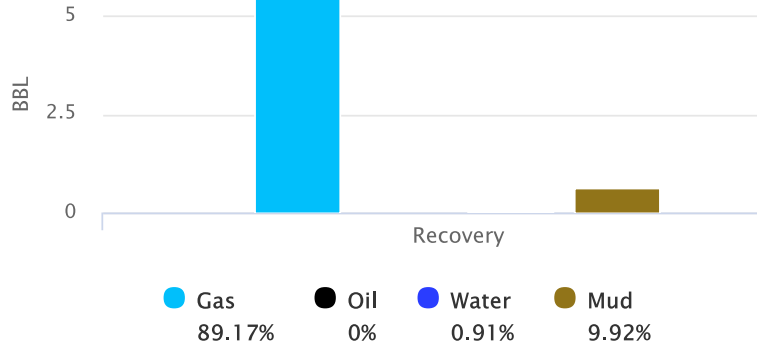
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
400	5.692	G	100	0	0	0
130	0.7327	SLGCSLWCM	5	0	8	87

Total Recovered: 530 ft
Total Barrels Recovered: 6.4247

Reversed Out
NO

Initial Hydrostatic Pressure	1680	PSI
Initial Flow	79 to 95	PSI
Initial Closed in Pressure	233	PSI
Final Flow Pressure	80 to 81	PSI
Final Closed in Pressure	296	PSI
Final Hydrostatic Pressure	1675	PSI
Temperature	106	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





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REMARKS:

30 min initial flow: BOB in 17 minutes.
45 min initial shut-in: No blowback.
60 min final flow: BOB in 15 seconds.
90 min final shut-in: No blowback.

Ph: 7.0

RW: .81 @ 35 degrees F

Chlorides: 16300 ppm



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Down Hole Makeup

Heads Up: 30.07 FT	Packer 1: 3629.5 FT
Drill Pipe: 3512 FT <i>ID-3 1/2</i>	Packer 2: 3635 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3618.92 FT
Collars: 120 FT <i>ID-2 1/4</i>	Bottom Recorder: 3642 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 145	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 125 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 13 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 55 (2#lcm) **Filtrate:** 9.6 **Chlorides:** 10000 ppm



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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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