

Company: Grand Mesa Operating Company Lease: Miller #2-10

Drilling Contractor: WW Drilling, LLC -

Rig 10

Elevation: 1765 GL

County: RENO State: Kansas

Field Name: Zenith-Peace Creek

SEC: 10 TWN: 23S RNG: 10W

Pool: WILDCAT Job Number: 230

Operation:

Uploading recovery & pressures

DATE September

20 2018

DST #1 Formation: Viola

Test Interval: 3720 -

Total Depth: 3780'

3780'

Time On: 01:29 09/20 Time Off: 10:49 09/20

Time On Bottom: 04:20 09/20 Time Off Bottom: 08:20 09/20

Electronic Volume Estimate: 1513' 1st Open Minutes: 30 Current Reading: 50" at 30 min

Max Reading: 50"

1st Close Minutes: 60 Current Reading: 0" at 60 min Max Reading: 0" 2nd Open Minutes: 60 Current Reading: 116.6" at 60 min

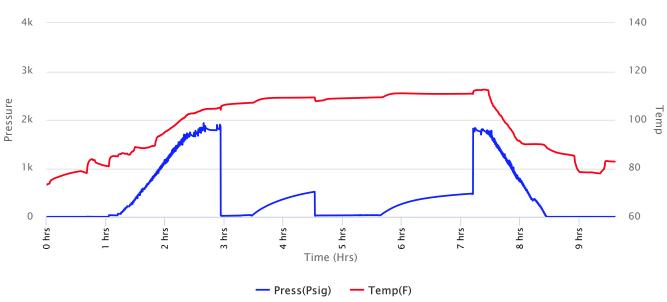
Minutes: 90 Current Reading: 0" at 90 min

2nd Close

Max Reading: 116.6"

Max Reading: 0"

Inside Recorder





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Recovered

Foot BBLS		<u>Description of Fluid</u>		
1777	24.6529783	G		
50	0.246	SLOCM		

Gas % Oil % Water % Mud % 100 0 0 0 0 1 99 0

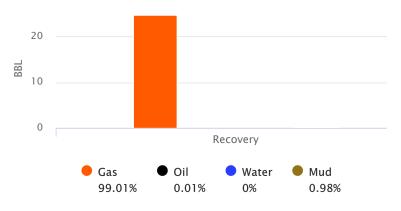
Total Recovered: 1827 ft

Total Barrels Recovered: 24.8989783

Reversed Out NO

Initial Hydrostatic Pressure	1791	PSI
Initial Flow	20 to 38	PSI
Initial Closed in Pressure	517	PSI
Final Flow Pressure	22 to 32	PSI
Final Closed in Pressure	479	PSI
Final Hydrostatic Pressure	1791	PSI
Temperature	111	°F
Pressure Change Initial	7.3	%
Close / Final Close		

Recovery at a glance





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BUCKET MEASUREMENT:

1st Open: 1/4 Blow. Built to 50 inches in 30 mins

1st Close: NOBB

2nd Open: BOB Instantly

2nd Close: NOBB

REMARKS:

Tool Sample: 10% Gas 10% Oil 4% Water 76% Mud



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3714.5 FT

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Down Hole Makeup

Heads Up: 9.35 FT Packer 1:

Drill Pipe: 3577.71 FT **Packer 2:** 3720 FT

ID-3 1/2

Top Recorder: 3703.42 FT

Weight Pipe: FT Bottom Recorder: 3759 FT

Well Bore Size: 7 7/8

Collars: 118.07 FT Surface Choke: 1"

Test Tool: 34.57 FT Bottom Choke: 5/8"

ID-3 1/2-FH

ID-2 7/8

Jars Safety Joint

Total Anchor: 60

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 32 FT

ID-3 1/2

Change Over: 1 FT

Perforations: (below): 22 FT 4 1/2-FH



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Pool: WILDCAT

Job Number: 230

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Mud Properties

Mud Type: Chem Weight: 9.1 Viscosity: 55 Filtrate: 10.2 Chlorides: 6500 ppm



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Operating Company

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Gas Volume Report

1st Open

2nd Open

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