

SEC: 36 TWN: 7S RNG: 55W
County: LINCOLN
State: Colorado
Drilling Contractor: WW Drilling, LLC -
Rig 20
Elevation: 5451 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 95

December

14

2017

DST #1

Formation: Lans
"I"/Westerville

Test Interval: 7300 - 7350'

Total Depth: 7350'

Time On: 09:06 12/14

Time Off: 20:51 12/14

Time On Bottom: 12:55 12/14

Time Off Bottom: 16:40 12/14

Electronic Volume
Estimate:

2059'

1st Open

Minutes: 45

62.6" at 45 min

1st Close

Minutes: 60

2.2" at 60 min

2nd Open

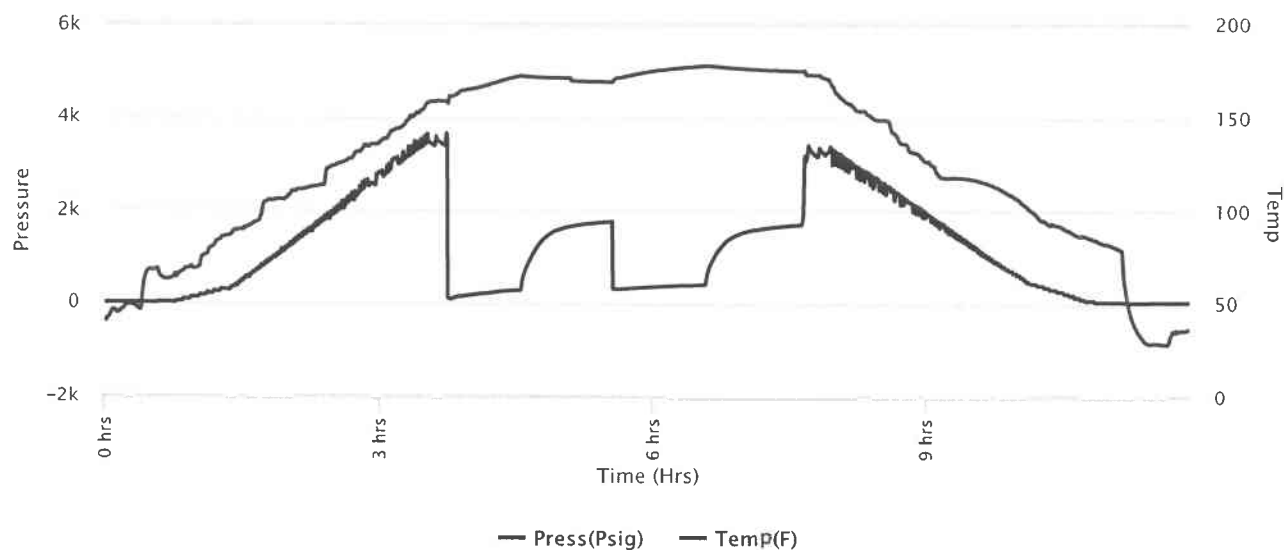
Minutes: 60

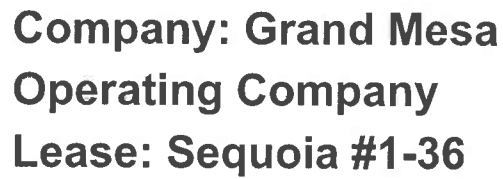
19.2" at 60 min

2nd Close

Minutes: 60

.7" at 60 min





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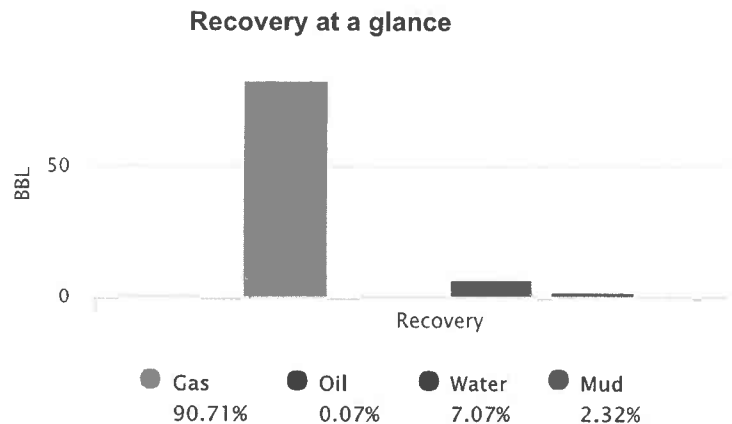
<u>Recovered</u>						
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
220	3.1306	SLOCSLWCHGCM	30	2	18	55
550	7.8265	SLMCGCW	20	0	75	5
6000	80.0598936	G	100	0	0	0

Total Recovered: 6770 ft

Total Barrels Recovered: 91.0169936

Reversed Out	NO
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Initial Hydrostatic Pressure	3417	PSI
Initial Flow	87 to 265	PSI
Initial Closed in Pressure	1746	PSI
Final Flow Pressure	297 to 390	PSI
Final Closed in Pressure	1681	PSI
Final Hydrostatic Pressure	3218	PSI
Temperature	178	°F
Pressure Change Initial	3.7	%
Close / Final Close		





**Company: Grand Mesa
Operating Company
Lease: Sequoia #1-36**

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REMARKS:

Initial Flow: BOB in 1 min.

Initial Shut-in: Blow increasing to 3.3 ins. Died to 2.2 ins.

Final Flow: BOB in 17 mins.

Final Shut-in: Blow increasing to 1.1 ins. Died to .7 in.

Tool Sample: 90% water, 10% mud

Chlorides: 40,000 ppm

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Down Hole Makeup

Heads Up:	79.25 FT	Packer 1:	7294.33 FT
Drill Pipe:	6774.07 FT	Packer 2:	7299.83 FT
<i>ID-3 1/2</i>		Top Recorder:	7283.25 FT
Weight Pipe:	FT	Bottom Recorder:	7348 FT
<i>ID-2 7/8</i>		Well Bore Size:	7 7/8
Collars:	571.44 FT	Surface Choke:	1"
<i>ID-2 1/4</i>		Bottom Choke:	5/8"
Test Tool:	34.57 FT		
<i>ID-3 1/2-FH</i>			
<i>Jars</i>			
<i>Safety Joint</i>			
Total Anchor:	50.17		
<u>Anchor Makeup</u>			
Packer Sub:	1 FT		
Perforations: (top):	12 FT		
<i>4 1/2-FH</i>			
Change Over:	1 FT		
Drill Pipe: (in anchor):	32.17 FT		
<i>ID-3 1/2</i>			
Change Over:	1 FT		
Perforations: (below):	3 FT		
<i>4 1/2-FH</i>			



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Mud Properties

Mud Type: Chemical	Weight: 9.1	Viscosity: 79	Filtrate: 5.6	Chlorides: 300 ppm
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Time	Orifice	PSI	MCF/D
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