



Company: L. D. Drilling, Inc
Lease: Horn #1-36

SEC: 36 TWN: 19S RNG: 29W
 County: LANE
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2818 EGL
 Field Name: J-MUR NE
 Pool: Infield
 Job Number: 392
 API #: 15-101-22631

Operation:
 Uploading recovery & pressures

DATE
 September
24
 2019

DST #6 **Formation: Marmaton/Altamont** **Test Interval: 4377 - 4464'** **Total Depth: 4464'**
 Time On: 03:27 09/24 Time Off: 10:37 09/24
 Time On Bottom: 05:31 09/24 Time Off Bottom: 08:31 09/24

Electronic Volume Estimate:
 77'

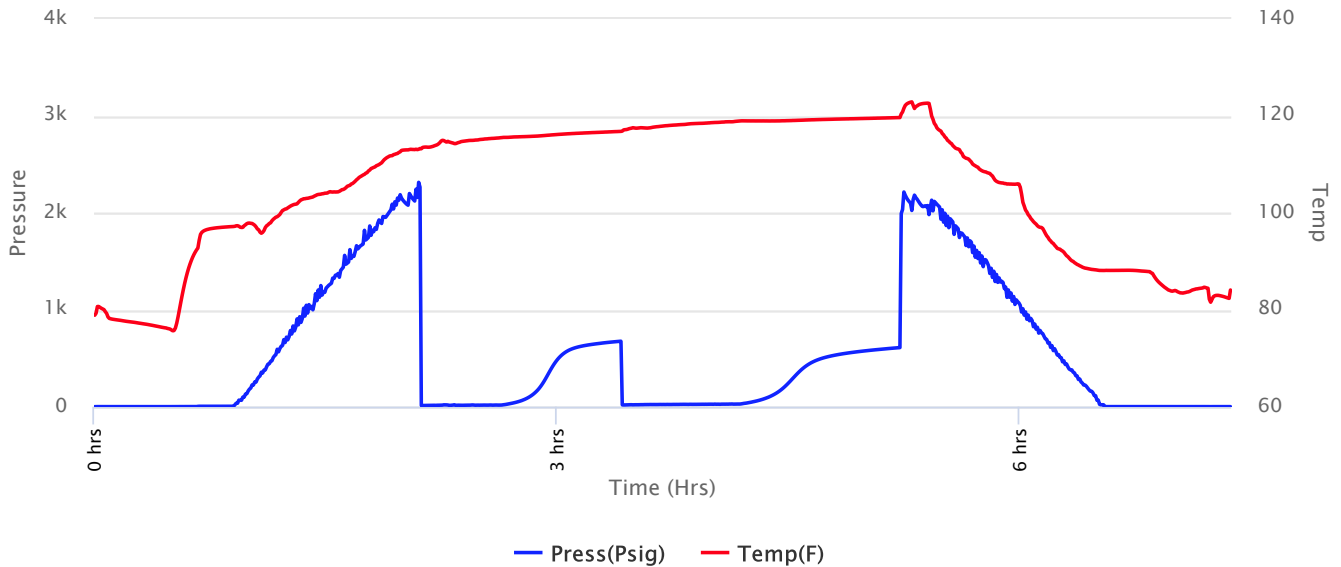
1st Open
 Minutes: 30
 Current Reading:
 3.3" at 30 min
 Max Reading: 3.3"

1st Close
 Minutes: 45
 Current Reading:
 0" at 45 min
 Max Reading: 0"

2nd Open
 Minutes: 45
 Current Reading:
 3.2" at 45 min
 Max Reading: 3.2"

2nd Close
 Minutes: 60
 Current Reading:
 0" at 60 min
 Max Reading: 0"

Inside Recorder





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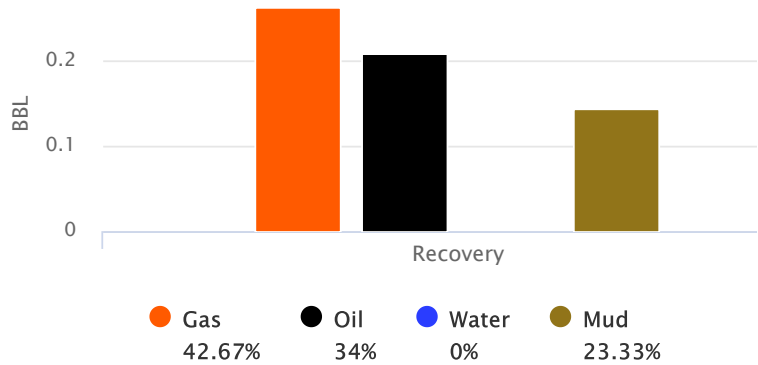
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
20	0.2052	G	100	0	0	0
40	0.4104	SLGCHMCO	14	51	0	35

Total Recovered: 60 ft
 Total Barrels Recovered: 0.6156

Reversed Out
NO

Initial Hydrostatic Pressure	2158	PSI
Initial Flow	12 to 17	PSI
Initial Closed in Pressure	675	PSI
Final Flow Pressure	19 to 27	PSI
Final Closed in Pressure	610	PSI
Final Hydrostatic Pressure	2154	PSI
Temperature	120	°F
Pressure Change Initial Close / Final Close	9.8	%

Recovery at a glance



GIP cubic foot volume: 1.47468



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BUCKET MEASUREMENT:

1st Open: Surface blow building to 3"
1st Close: No BB
2nd Open: Surface blow building to 3"
2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 55% Oil 0% Water 45% Mud



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Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 56 **Filtrate:** 7.8 **Chlorides:** 2,400 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D