



Company: L. D. Drilling, Inc

Lease: Riemann #1-4

SEC: 4 TWN: 18S RNG: 28W
County: LANE
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 2719 EGL
Field Name: Wildcat
Pool: Infield
Job Number: 247

Operation:

Uploading recovery &
pressures

DATE

November
20
2018

DST #3

Formation:
Marmaton

Test Interval: 4305 -
4340'

Total Depth: 4340'

Time On: 02:08 11/20

Time Off: 09:17 11/20

Time On Bottom: 04:22 11/20

Time Off Bottom: 07:22 11/20

Electronic Volume
Estimate:
32'

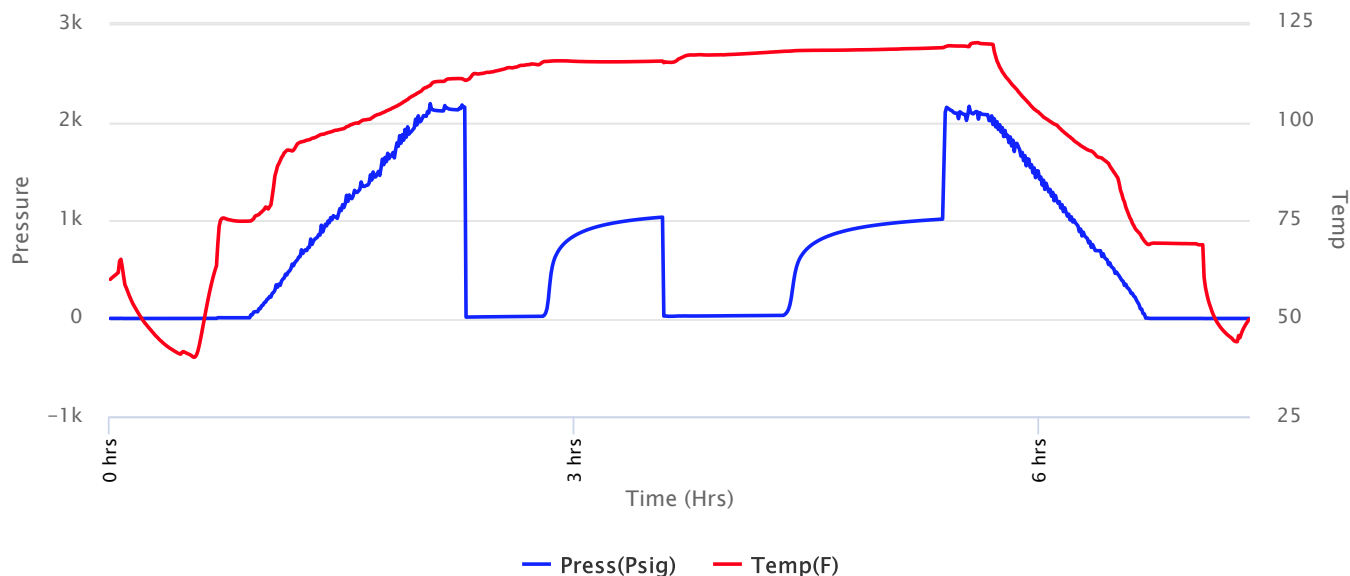
1st Open
Minutes: 30
Current Reading:
1.8" at 30 min
Max Reading: 1.8"

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

2nd Open
Minutes: 45
Current Reading:
.9" at 45 min
Max Reading: .9"

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

Inside Recorder





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Recovered

Foot	BBLs
45	0.4617

Description of Fluid
 SLWCHMCG

Gas %
 0

Oil %
 0

Water %
 15

Mud %
 85

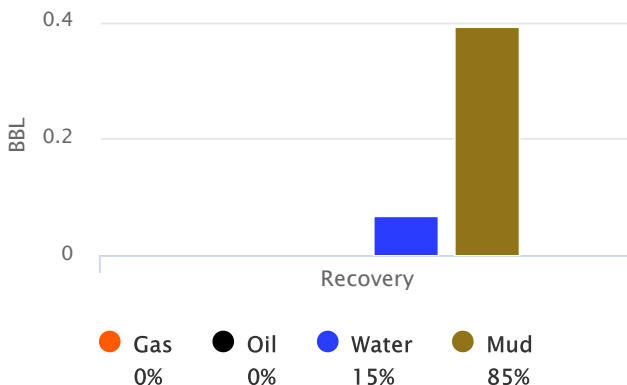
Total Recovered: 45 ft

Total Barrels Recovered: 0.4617

Reversed Out
 NO

Initial Hydrostatic Pressure	2124	PSI
Initial Flow	11 to 21	PSI
Initial Closed in Pressure	1030	PSI
Final Flow Pressure	22 to 29	PSI
Final Closed in Pressure	1010	PSI
Final Hydrostatic Pressure	2120	PSI
Temperature	119	°F
Pressure Change Initial	2.0	%
Close / Final Close		

Recovery at a glance





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BUCKET MEASUREMENT:

1st Open: Wsb built to 1.8"

1st Close: Nobb

2nd Open: Wsb built to .9"

2nd Close: Nobb

REMARKS:

Tool Sample: 0% Gas 1% Oil 49% Water 50% Mud

Ph: 7

Measured RW: .6 @ 33 degrees °F

RW at Formation Temp: 0.19 @ 119 °F

Chlorides: 25000 ppm



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Down Hole Makeup

Heads Up: 36.48 FT

Packer 1: 4300 FT

Drill Pipe: 4308.91 FT

Packer 2: 4305 FT

ID-3 1/4

Top Recorder: 4289.42 FT

Weight Pipe: FT

Bottom Recorder: 4309 FT

ID-2 7/8

Collars: FT

Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 33.57 FT

Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 35

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 2 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): 32 FT

4 1/2-FH



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Mud Properties

Mud Type: Chemical

Weight: 9.4

Viscosity: 49

Filtrate: 7.2

Chlorides: 3600 ppm