



Company: L. D. Drilling, Inc
Lease: Crystal #1-4

SEC: 4 TWN: 11S RNG: 16W
 County: ELLIS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1863 EGL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 326

Operation:
 Uploading recovery & pressures

DATE
 April
22
 2019

DST #5 **Formation: Marm/Cong** **Test Interval: 3303 - 3388'** **Total Depth: 3388'**
 Time On: 23:43 04/22 Time Off: 05:34 04/23
 Time On Bottom: 01:47 04/23 Time Off Bottom: 03:47 04/23

Electronic Volume Estimate:
 8'

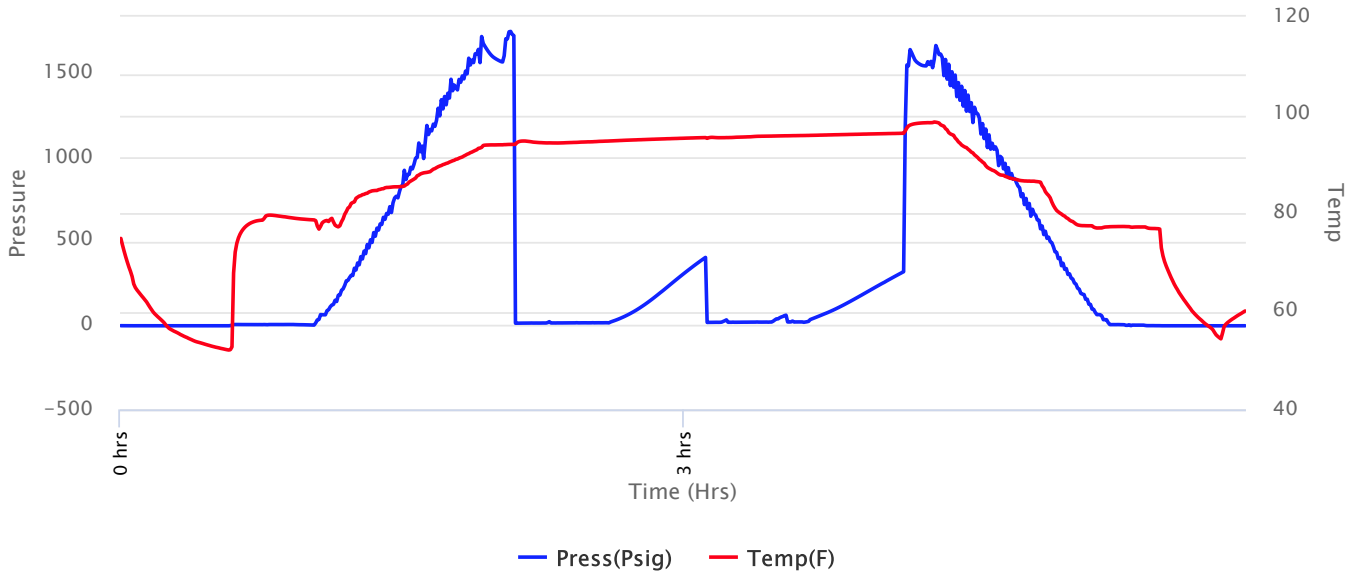
1st Open
 Minutes: 30
 Current Reading:
 .5" at 30 min
 Max Reading: .7"

1st Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

2nd Open
 Minutes: 30
 Current Reading:
 .25" at 30 min
 Max Reading: .25"

2nd Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

Inside Recorder





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Recovered

Foot	BBLS
20	0.2052

Description of Fluid
 M

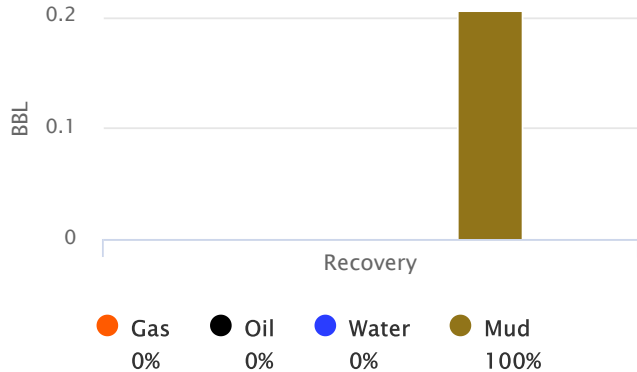
Gas %	Oil %	Water %	Mud %
0	0	0	100

Total Recovered: 20 ft
 Total Barrels Recovered: 0.2052

Reversed Out
NO

Initial Hydrostatic Pressure	1578	PSI
Initial Flow	14 to 16	PSI
Initial Closed in Pressure	406	PSI
Final Flow Pressure	19 to 23	PSI
Final Closed in Pressure	321	PSI
Final Hydrostatic Pressure	1572	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	21.0	%

Recovery at a glance



GIP cubic foot volume: 0



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BUCKET MEASUREMENT:

1st Open: Wsb built to 3/4"

1st Close: Nobb

2nd Open: Wsb built to 1/4"

2nd Close: Nobb

REMARKS:

oil spec in tool sample.

Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud



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Down Hole Makeup

Heads Up: 5.32 FT	Packer 1: 3298 FT
Drill Pipe: 3275.75 FT <i>ID-3 1/4</i>	Packer 2: 3303 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3287.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3372 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

Total Anchor: 85

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 2 FT
4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 63 FT
ID-3 1/4

Change Over: 1 FT

Perforations: (below): 17 FT
4 1/2-FH



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3388'** **Total Depth: 3388'**
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Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 50 **Filtrate:** 7.8 **Chlorides:** 5000 ppm