



Company: K & N Petroleum, Inc
Lease: Ogle #4

SEC: 12 TWN: 17S RNG: 13W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 8
 Elevation: 1916 GL
 Field Name: Finger
 Pool: Infield
 Job Number: 377
 API #: 15-009-26265-00-00

Operation:
 Well Complete

DATE
 August
11
 2019

DST #2 Formation: L/KC "A-F" Test Interval: 3143 - 3233' Total Depth: 3233'
 Time On: 22:16 08/11 Time Off: 04:53 08/12
 Time On Bottom: 00:16 08/12 Time Off Bottom: 03:01 08/12

Electronic Volume Estimate:
 25'

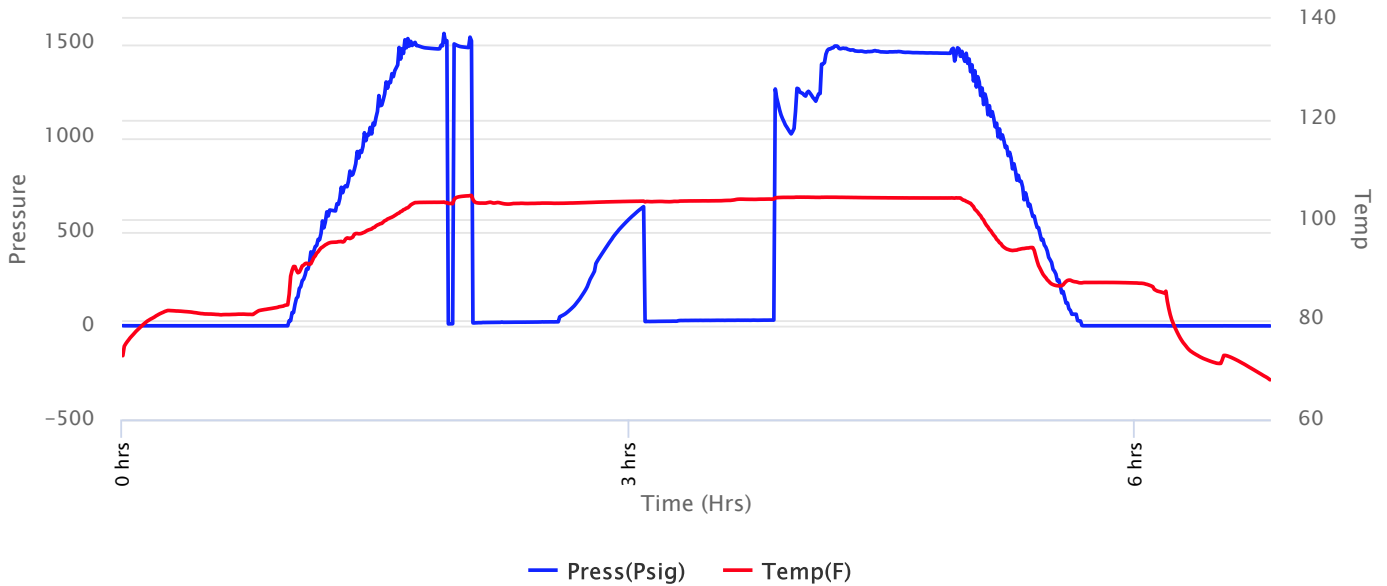
1st Open
 Minutes: 30
 Current Reading:
 2.3" at 30 min
 Max Reading: 2.3"

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

2nd Open
 Minutes: 45
 Current Reading:
 .1" at 45 min
 Max Reading: .7"

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

Inside Recorder





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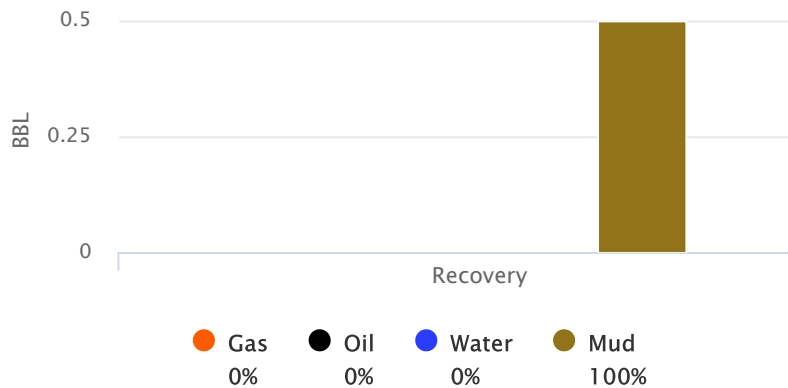
Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
35	0.49805	M	0	0	0	100

Total Recovered: 35 ft
 Total Barrels Recovered: 0.49805

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1482	PSI
Initial Flow	14 to 21	PSI
Initial Closed in Pressure	634	PSI
Final Flow Pressure	22 to 24	PSI
Final Closed in Pressure	29	PSI
Final Hydrostatic Pressure	1468	PSI
Temperature	104	°F
Pressure Change Initial Close / Final Close	95.4	%

GIP cubic foot volume: 0



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BUCKET MEASUREMENT:

1st Open: 1 in. blow building to 2 1/4 ins.

1st Close: No blow back.

2nd Open: Blow building to 3/4 in.

2nd Close: No blow back.

REMARKS:

Tool slid 10 ft. to bottom. Flushed tool 10 mins. into 2nd open.

Had 35 ft. of recovery but the driller popped off the pipe before anyone was ready so was unable to get a sample.

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



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Down Hole Makeup

Heads Up: 30.7 FT	Packer 1: 3138 FT
Drill Pipe: 3148.54 FT <i>ID-3 1/2</i>	Packer 2: 3143 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3130 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3212 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

Total Anchor: 90

Anchor Makeup

Packer Sub: 1 FT

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

Change Over: .5 FT

Drill Pipe: (in anchor): 64 FT
ID-3 1/2

Change Over: .5 FT

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



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Mud Properties

Mud Type: Chemical

Weight: 9.25

Viscosity: 60

Filtrate: 8.4

Chlorides: 4,500 ppm



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Gas Volume Report

1st Open

2nd Open

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