



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
12
 2019

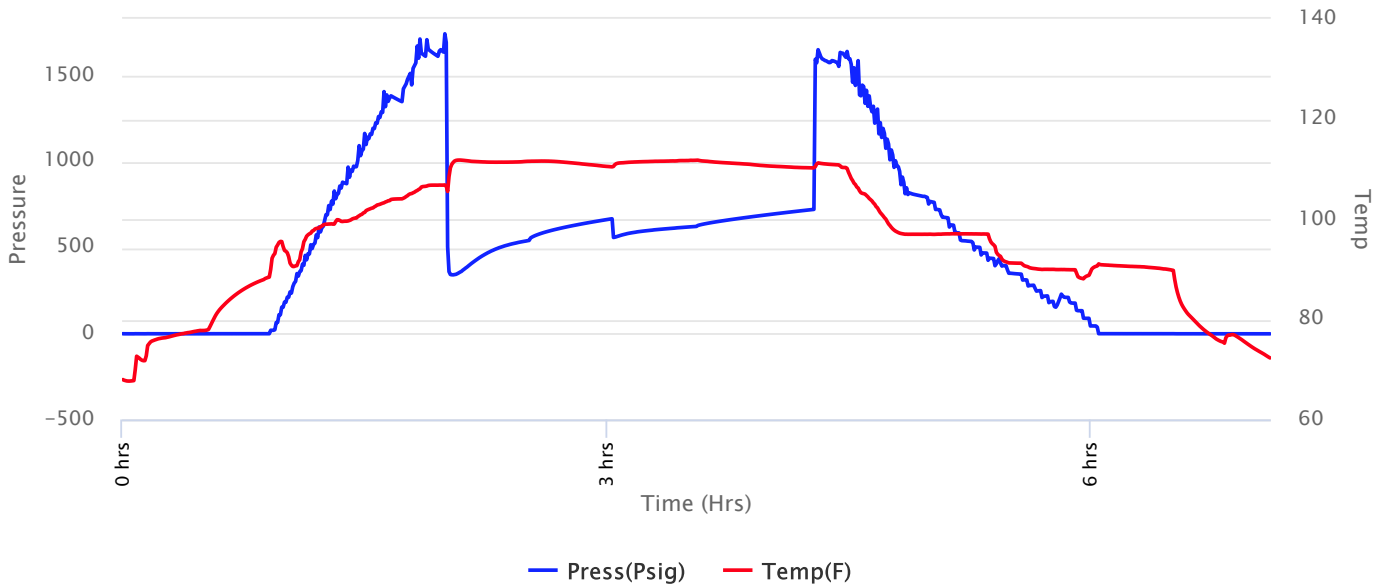
DST #3 Formation: Arbuckle Test Interval: 3382 - Total Depth: 3404'
3404'

Time On: 21:10 08/12 Time Off: 04:05 08/13
 Time On Bottom: 23:09 08/12 Time Off Bottom: 01:24 08/13

Electronic Volume Estimate:
 2118'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 30	Minutes: 30	Minutes: 45
Current Reading: 218.7" at 30 min	Current Reading: 0" at 30 min	Current Reading: 43.5" at 30 min	Current Reading: 0" at 45 min
Max Reading: 220"	Max Reading: 0"	Max Reading: 43.5"	Max Reading: 0"

Inside Recorder





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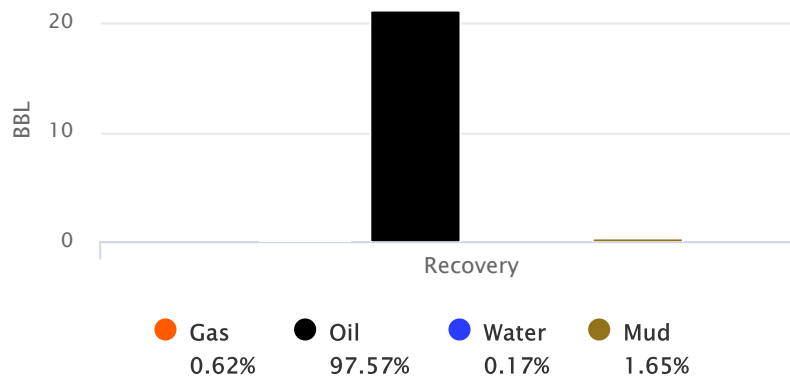
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1338	19.03974	O	0	100	0	0
126	1.79298	SLWCSLGCSLMCO	5	84	1	10
63	0.89649	SLWCSLGC MCO	5	73	2	20

Total Recovered: 1527 ft
 Total Barrels Recovered: 21.72921

Reversed Out
 NO

Recovery at a glance



GIP cubic foot volume: 0.755

Initial Hydrostatic Pressure	1625	PSI
Initial Flow	344 to 542	PSI
Initial Closed in Pressure	668	PSI
Final Flow Pressure	559 to 624	PSI
Final Closed in Pressure	723	PSI
Final Hydrostatic Pressure	1610	PSI
Temperature	112	°F
Pressure Change Initial Close / Final Close	0.0	%



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BUCKET MEASUREMENT:

1st Open: Blow building. BOB in 30 secs.

1st Close: No blow back.

2nd Open: 1 in. blow building. BOB in 1 min. 30 secs.

2nd Close: No blow back.

REMARKS:

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

Gravity: 29.2 @ 60 °F



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Down Hole Makeup

Heads Up: 14.26 FT	Packer 1: 3377 FT
Drill Pipe: 3371.1 FT <i>ID-3 1/2</i>	Packer 2: 3382 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3369 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3384 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: 22

Anchor Makeup

Packer Sub: 1 FT

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

Change Over: FT

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

Change Over: FT

Perforations: (below): 21 FT
4 1/2-FH



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Mud Properties

Mud Type: Chemical

Weight: 9.1

Viscosity: 43

Filtrate: 10.8

Chlorides: 5,000 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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