



Company: K & N Petroleum, Inc
Lease: Norman Klepper "A" #2

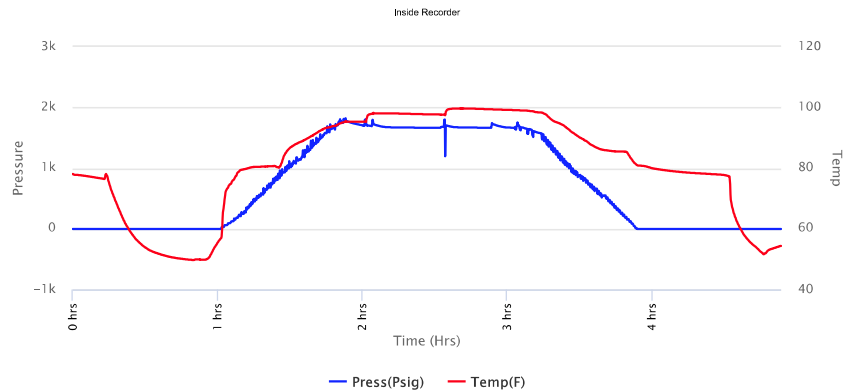
SEC: 17 TWN: 22S RNG: 11W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1826 GL
 Field Name: Heyen
 Pool: Infield
 Job Number: 400
 API #: 15-185-24061-00-00

Operation:
 Uploading recovery & pressures

DATE
 October
17
 2019

DST #5 Formation: Arbuckle Test Interval: 3578 - 3645' Total Depth: 3645'
 Time On: 00:13 10/17 Time Off: 04:59 10/17
 Time On Bottom: 02:05 10/17 Time Off Bottom: 03:06 10/17

Electronic Volume Estimate: 0'
 1st Open N/A 1st Close N/A 2nd Open N/A 2nd Close N/A



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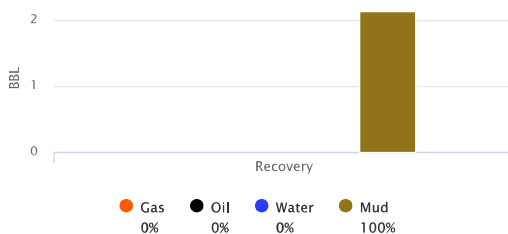
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
150	2.1345	M	0	0	0	100

Total Recovered: 150 ft
 Total Barrels Recovered: 2.1345

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1697	PSI
Initial Flow	0	PSI
Initial Closed in Pressure	0	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1685	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



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BUCKET MEASUREMENT:
1st Open: Miss run

REMARKS:
Packers did not hold on initial open. Pulled and and tried to set packers again they failed to hold. After talking with the Geo we tried a third time to seat the packers and they failed again.

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



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Down Hole Makeup

Heads Up: 33.44 FT	Packer 1: 3573.13 FT
Drill Pipe: 3583.83 FT <i>ID-3 1/2</i>	Packer 2: 3578.13 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3562.55 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3638 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 66.87	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 24 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.87 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 8 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.5 **Viscosity:** 54 **Filtrate:** 10.8 **Chlorides:** 9000 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D