



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
15
 2019

DST #2 **Formation: Viola & Simpson** **Test Interval: 3469 - 3563'** **Total Depth: 3563'**
 Time On: 05:40 10/15 Time Off: 11:05 10/15
 Time On Bottom: 07:30 10/15 Time Off Bottom: 09:30 10/15

Electronic Volume Estimate:
 14'

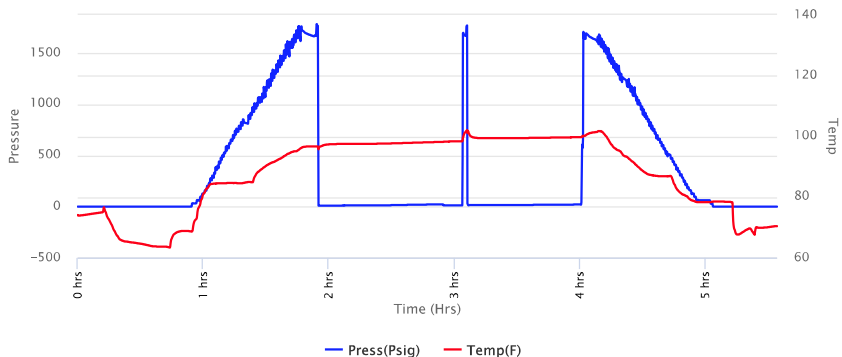
1st Open
 Minutes: 30
 Current Reading:
 1" at 30 min
 Max Reading: 1"

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

2nd Open
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: .5"

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

Inside Recorder



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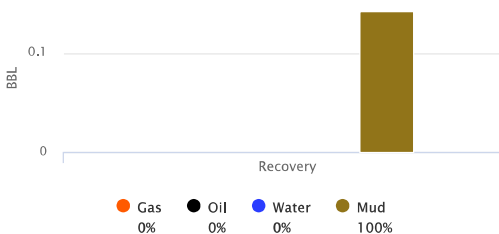
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1423	M	0	0	0	100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1423

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1675	PSI
Initial Flow	8 to 11	PSI
Initial Closed in Pressure	23	PSI
Final Flow Pressure	12 to 15	PSI
Final Closed in Pressure	21	PSI
Final Hydrostatic Pressure	1666	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	10.0	%

GIP cubic foot volume: 0



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BUCKET MEASUREMENT:
 1st Open: Built to 1"
 1st Close: No Blow
 2nd Open: Built to .5"
 2nd Close: No Blow

REMARKS:
 Flushed tool 5 min into 2nd open
 Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud



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Down Hole Makeup

Heads Up: 15.05 FT	Packer 1: 3464.48 FT
Drill Pipe: 3456.79 FT <i>ID-3 1/2</i>	Packer 2: 3469.48 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3453.9 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3556 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: 93.52	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 19 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.52 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:** 8.9 **Viscosity:** 65 **Filtrate:** 7.2 **Chlorides:** 4000 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D