



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
14
 2019

DST #1 **Formation: Lan H-K** **Test Interval: 3365 - 3475'** **Total Depth: 3475'**
 Time On: 12:20 10/14 Time Off: 17:39 10/14
 Time On Bottom: 14:00 10/14 Time Off Bottom: 16:00 10/14

Electronic Volume Estimate:
 6'

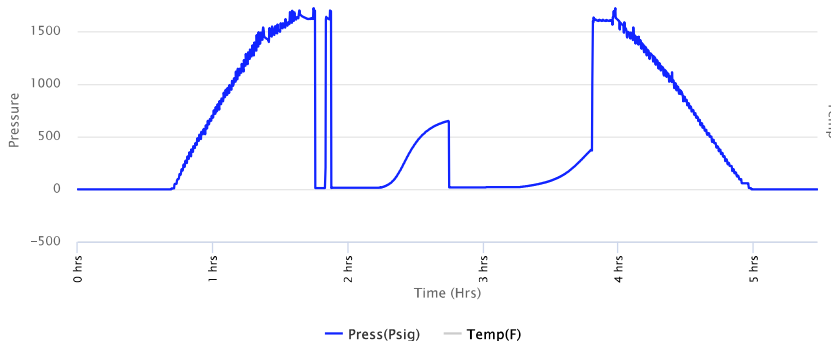
1st Open
 Minutes: 30
 Current Reading: .7" at 30 min
 Max Reading: .7"

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

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

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

Inside Recorder



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Recovered

Foot	BBLs
10	0.1423

Description of Fluid
 M

Gas %
 0

Oil %
 0

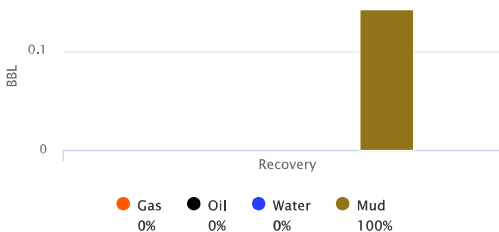
Water %
 0

Mud %
 100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1423

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1618	PSI
Initial Flow	10 to 15	PSI
Initial Closed in Pressure	649	PSI
Final Flow Pressure	16 to 20	PSI
Final Closed in Pressure	376	PSI
Final Hydrostatic Pressure	1606	PSI
Temperature	98	°F
Pressure Change Initial Close / Final Close	42.1	%

GIP cubic foot volume: 0



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BUCKET MEASUREMENT:

1st Open: Flushed tool after 5 min built to .7
 1st Close: No Blow
 2nd Open: No Blow
 2nd Close: No Blow

REMARKS:

Surge of .8 then died in 5 min. Flushed the tool at 5 min.
 Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



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Down Hole Makeup

Heads Up: 28.72 FT	Packer 1: 3360.48 FT
Drill Pipe: 3361.63 FT <i>ID-3 1/2</i>	Packer 2: 3365.48 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3349.9 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3460 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
Total Anchor: 109.52	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 27 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): 16 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 8.8 **Viscosity:** 62 **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