



Company: C & K Operating, LLC

Lease: Cynthia Reimann #5

SEC: 33 TWN: 16S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 8
Elevation: 1926 EGL
Field Name: Kraft-Prusa
Pool: Pool Ext
Job Number: 295

Operation:
Test Complete

DATE
December
11
2018

DST #2 **Formation: Arbuckle** **Test Interval: 3344 - 3390'** **Total Depth: 3390'**

Time On: 09:51 12/11 Time Off: 16:14 12/11
Time On Bottom: 11:48 12/11 Time Off Bottom: 13:48 12/11

DANGER
H2S Present
2 PPM

Electronic Volume Estimate:
722'

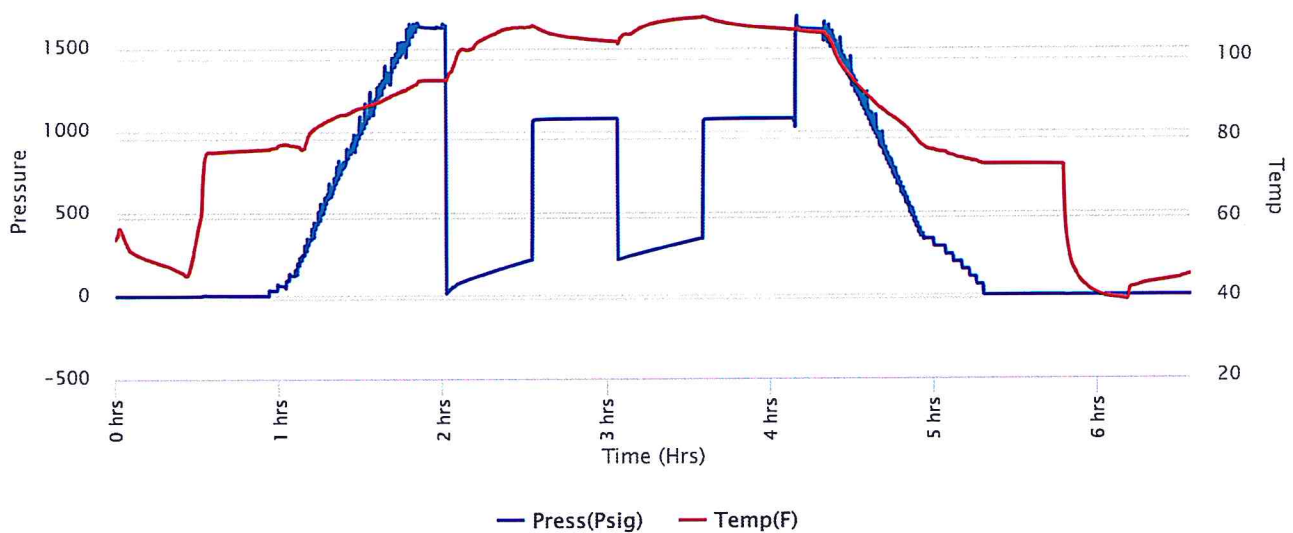
1st Open
Minutes: 30
Current Reading:
43.8" at 30 min
Max Reading: 43.8"

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

2nd Open
Minutes: 30
Current Reading:
34.6" at 30 min
Max Reading: 34.6"

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

Inside Recorder





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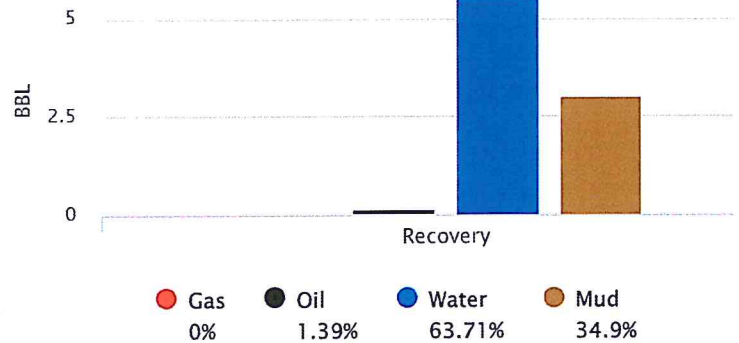
Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
253	3.60019	SLOCHMCW	0	2	65	33
1	0.01423	O	0	100	0	0
252	3.58596	SLOCHWCM	0	1	49	50
189	1.5669633	SLMCW	0	0	95	5

Total Recovered: 695 ft
 Total Barrels Recovered: 8.7673433

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1627	PSI
Initial Flow	16 to 219	PSI
Initial Closed in Pressure	1074	PSI
Final Flow Pressure	221 to 347	PSI
Final Closed in Pressure	1073	PSI
Final Hydrostatic Pressure	1625	PSI
Temperature	111	°F
Pressure Change Initial Close / Final Close	0.1	%



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BUCKET MEASUREMENT:

1st Open: 1/4 in. blow building. BOB in 6 1/2 mins.
1st Close: Weak blow back.
2nd Open: 3/4 in. blow building. BOB in 9 1/2 mins.
2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 2% Oil 95% Water 3% Mud

Ph: 7

Measured RW: .2 @ 35 degrees °F

RW at Formation Temp: 0.071 @ 111 °F

Chlorides: 85,000 ppm

Max H2S Reading: 2 ppm



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Down Hole Makeup

Heads Up: 34.29 FT	Packer 1: 3338.7 FT
Drill Pipe: 3232.26 FT <i>ID-3 1/2</i>	Packer 2: 3343.7 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3330.7 FT
Collars: 120.57 FT <i>ID-2 1/4</i>	Bottom Recorder: 3382 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 46.3	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.80 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 9 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 52 **Filtrate:** 8.8 **Chlorides:** 2,900 ppm