



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
10
2018

DST #1 **Formation: Lans "A-F"** **Test Interval: 3103 - 3209'** **Total Depth: 3209'**

Time On: 10:08 12/10 Time Off: 17:12 12/10
Time On Bottom: 12:02 12/10 Time Off Bottom: 14:47 12/10

Electronic Volume Estimate:
1219'

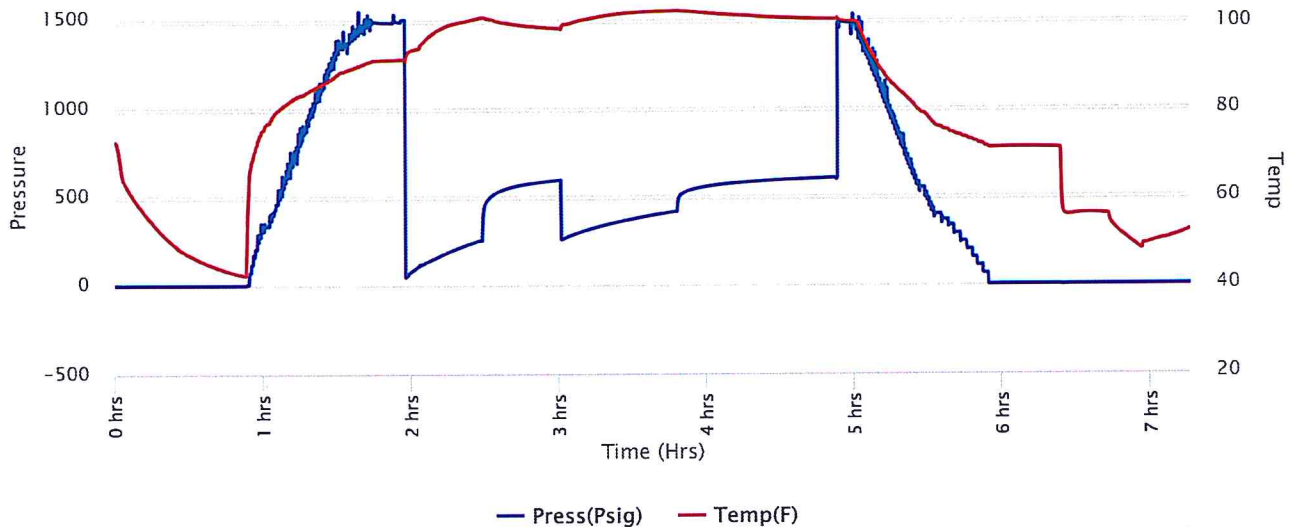
1st Open
Minutes: 30
Current Reading:
88.4" at 30 min
Max Reading: 88.4"

1st Close
Minutes: 30
Current Reading:
1.6" at 30 min
Max Reading: 2"

2nd Open
Minutes: 45
Current Reading:
66" at 45 min
Max Reading: 66"

2nd Close
Minutes: 60
Current Reading:
3.8" at 60 min
Max Reading: 4.2"

Inside Recorder





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Recovered

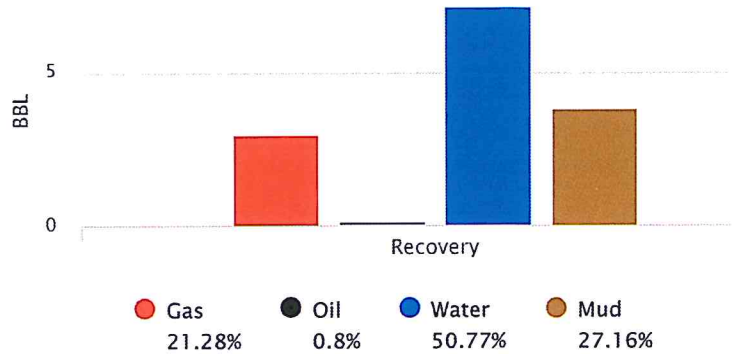
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
199	2.83177	G	100	0	0	0
242	3.44366	SLOCSLGCSLWCM	5	1	10	84
630	7.8423933	SLOCSLMCW	0	1	87	12

Total Recovered: 1071 ft
 Total Barrels Recovered: 14.1178233

Reversed Out
 NO

Initial Hydrostatic Pressure	1483	PSI
Initial Flow	53 to 255	PSI
Initial Closed in Pressure	593	PSI
Final Flow Pressure	259 to 415	PSI
Final Closed in Pressure	605	PSI
Final Hydrostatic Pressure	1484	PSI
Temperature	103	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





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BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: 1 in. blow building. BOB in 1 1/2 mins.

1st Close: 2 in. blow back.

2nd Open: 1 3/4 in. blow building. BOB in 5 mins.

2nd Close: 4 1/4 in. blow back.

REMARKS:

Tool Sample: 5% Gas 15% Oil 15% Water 65% Mud

Ph: 7

Measured RW: .15 @ 40 degrees °F

RW at Formation Temp: 0.064 @ 103 °F

Chlorides: 88,000 ppm



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Down Hole Makeup

Heads Up: 25.31 FT	Packer 1: 3097.88 FT
Drill Pipe: 2982.46 FT <i>ID-3 1/2</i>	Packer 2: 3102.88 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3089.88 FT
Collars: 120.57 FT <i>ID-2 1/4</i>	Bottom Recorder: 3172 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 106.12	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): 62.62 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 38 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical

Weight: 9.2

Viscosity: 50

Filtrate: 8.8

Chlorides: 2,400 ppm