



Company: Richlan Drilling
Lease: Kuhlman Farms Inc. A
#1

SEC: 4 TWN: 12S RNG: 34W
 County: LOGAN
 State: Kansas
 Drilling Contractor: White Knight
 Drilling, LLC - Rig 1
 Elevation: 3221 EGL
 Field Name: Elaine West
 Pool: Infield
 Job Number: 42

DATE
 August
06
 2017

DST #2 **Formation: Johnson** **Test Interval: 4666 - 4712'** **Total Depth: 4712'**
 Time On: 21:02 08/05 Time Off: 03:56 08/06
 Time On Bottom: 23:54 08/05 Time Off Bottom: 01:54 08/06

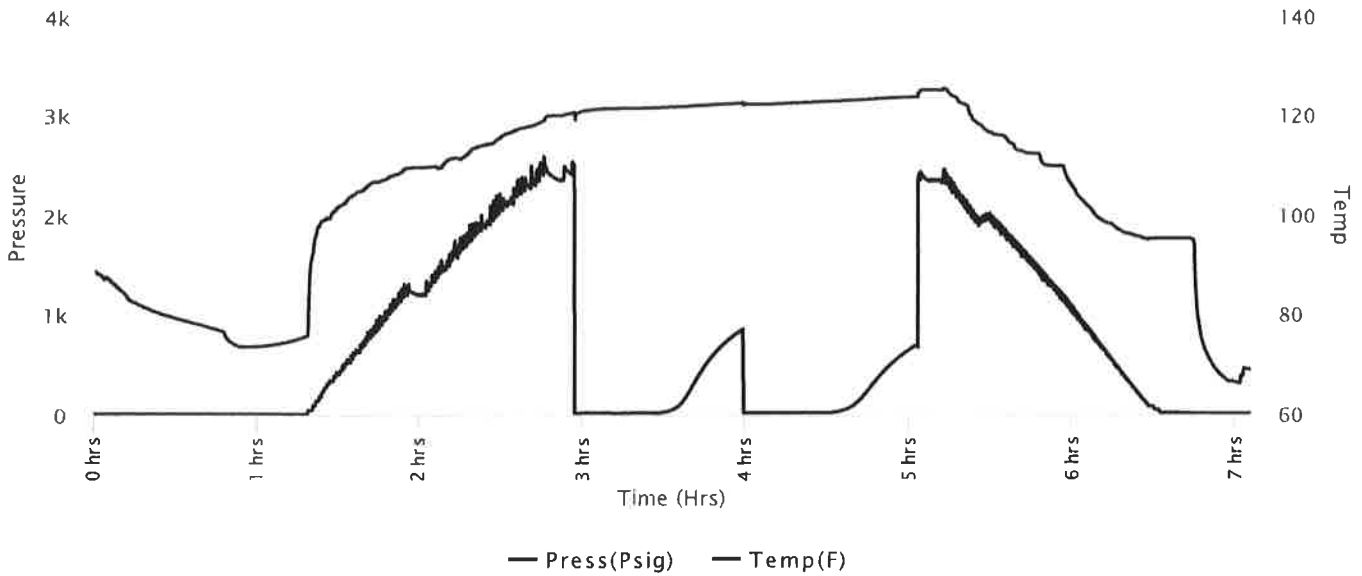
Electronic Volume Estimate:
 6'

1st Open
 Minutes: 30
 .5" at 30 min

1st Close
 Minutes: 30
 0" at 30 min

2nd Open
 Minutes: 30
 0" at 30 min

2nd Close
 Minutes: 30
 0" at 30 min





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Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
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	2370	PSI	0.1
Initial Flow	27 to 28	PSI	BBL
Initial Closed in Pressure	866	PSI	
Final Flow Pressure	29 to 29	PSI	
Final Closed in Pressure	711	PSI	0
Final Hydrostatic Pressure	2366	PSI	
Temperature	125	°F	
Pressure Change Initial Close / Final Close	17.9	%	

Recovery

● Gas 0% ● Oil 0% ● Water 0% ● Mud 100%



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REMARKS:

Tool Sample: 100% M



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Down Hole Makeup

Heads Up: 24.53 FT	Packer 1: 4661 FT
Drill Pipe: 4665.37 FT <i>ID-3 1/2</i>	Packer 2: 4666 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4653 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4671 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 46	Surface Choke: 1"
	Bottom Choke: 5/8"
<u>Anchor Makeup</u>	
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 42 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.6 **Viscosity:** 50 **Filtrate:** 16 **Chlorides:** 7000 ppm