



Company: Russell Oil, Inc Lease: Nuss "C" #2

SEC: 32 TWN: 15S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: WW Drilling, LLC - Rig 8
Elevation: 1914 GL
Field Name: Nuss
Pool: Infield
Job Number: 363
API #: 15-167-24094-00-00

Operation:
Uploading recovery & pressures

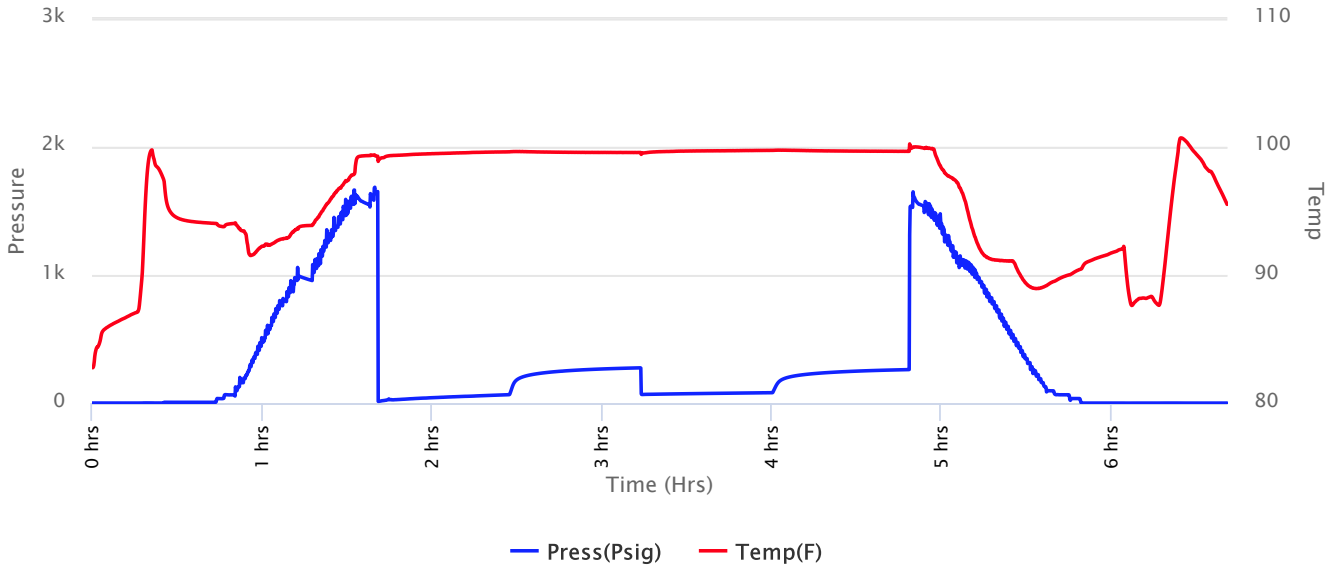
DATE
July
16
2019

DST #2 Formation: Lan E-F Test Interval: 3190 - 3216' Total Depth: 3216'
Time On: 11:20 07/16 Time Off: 17:49 07/16
Time On Bottom: 12:58 07/16 Time Off Bottom: 15:58 07/16

Electronic Volume Estimate:
131'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 45	Minutes: 45	Minutes: 45	Minutes: 45
Current Reading: 4.3" at 45 min	Current Reading: 0" at 45 min	Current Reading: 2.2" at 45 min	Current Reading: 0" at 45 min
Max Reading: 4.3"	Max Reading: 0"	Max Reading: 2.2"	Max Reading: 0"

Inside Recorder





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DST #2 for Diamond Testing, LLC

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Recovered

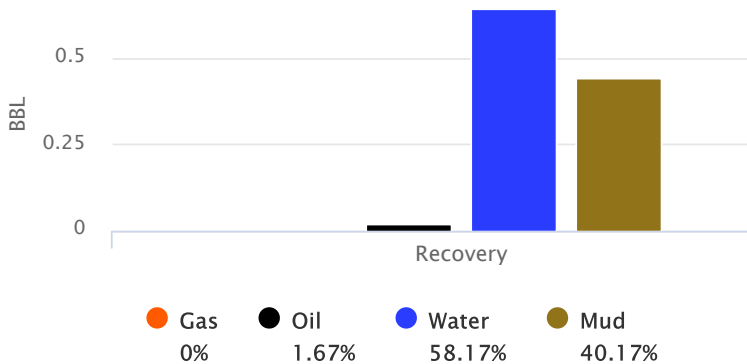
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1	0.01423	O	0	100	0	0
29	0.41267	SLOCHWCM	0	1	49	50
126	0.674849	HMCW	0	0	65	35

Total Recovered: 156 ft
 Total Barrels Recovered: 1.101749

Reversed Out
 NO

Initial Hydrostatic Pressure	1531	PSI
Initial Flow	14 to 66	PSI
Initial Closed in Pressure	276	PSI
Final Flow Pressure	68 to 82	PSI
Final Closed in Pressure	262	PSI
Final Hydrostatic Pressure	1539	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	5.0	%

Recovery at a glance



GIP cubic foot volume: 0

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BUCKET MEASUREMENT:

1st Open: WSB. Built to 4 1/4 inch in 45 mins
1st Close: NOBB
2nd Open: WSB. Built to 2 1/4 inch in 45 mins
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 0% Oil 90% Water 10% Mud
Ph: 7
Measured RW: .11 @ 98 degrees °F
RW at Formation Temp: 0.108 @ 100 °F
Chlorides: 63,000 ppm



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Down Hole Makeup

Heads Up: 7.2499999999998 FT	Packer 1: 3185 FT
Drill Pipe: 3044.58 FT <i>ID-3 1/2</i>	Packer 2: 3190 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3174.42 FT
Collars: 120.1 FT <i>ID-2 1/4</i>	Bottom Recorder: 3194 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 26	Surface Choke: 1"
	Bottom Choke: 5/8"
<u>Anchor Makeup</u>	
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 23 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chem **Weight:** 9 **Viscosity:** 51 **Filtrate:** 7.4 **Chlorides:** 8100 ppm



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Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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