



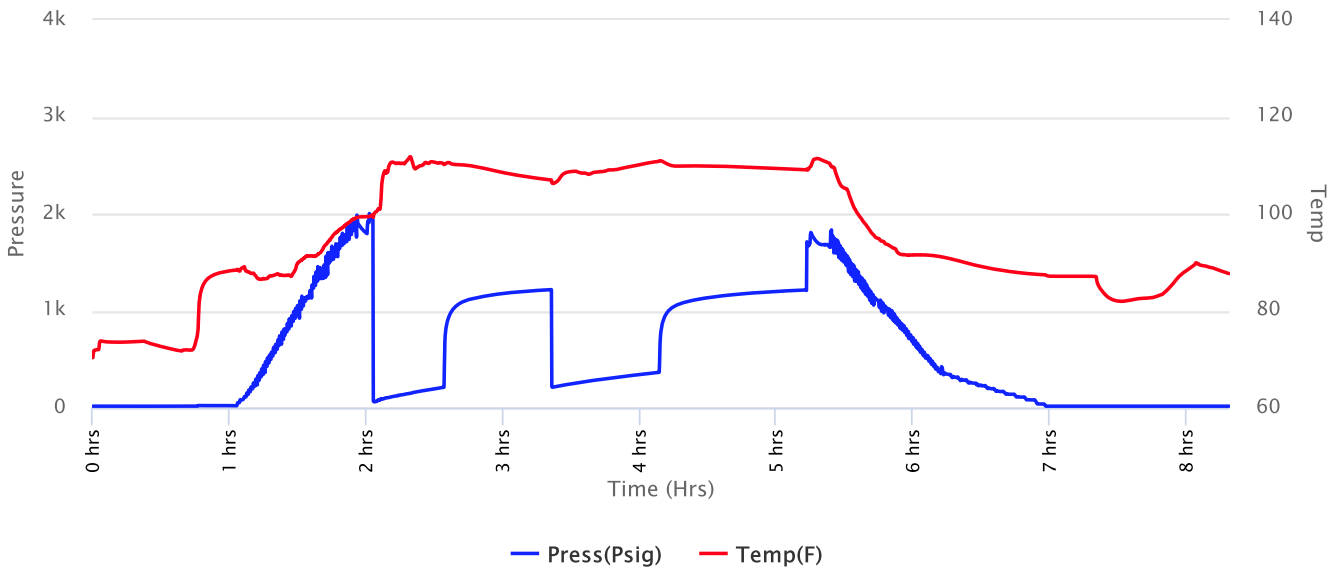
Company: L. D. Drilling, Inc
Lease: Dawn Nell #1-18

SEC: 18 TWN: 22S RNG: 12W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1879 EGL
 Field Name: Drach
 Pool: WILDCAT
 Job Number: 48

DATE
 August
24
 2017

DST #5 **Formation: ARBUCKLE** **Test Interval: 3614 - 3684'** **Total Depth: 3684'**
 Time On: 09:21 08/24 Time Off: 17:25 08/24
 Time On Bottom: 11:20 08/24 Time Off Bottom: 14:20 08/24

Electronic Volume Estimate: 770'	<u>1st Open</u> Minutes: 30 42.7" at 30 min	<u>1st Close</u> Minutes: 45 .5" at 45 min	<u>2nd Open</u> Minutes: 45 43.1" at 45 min	<u>2nd Close</u> Minutes: 60 .1" at 60 min
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Recovered

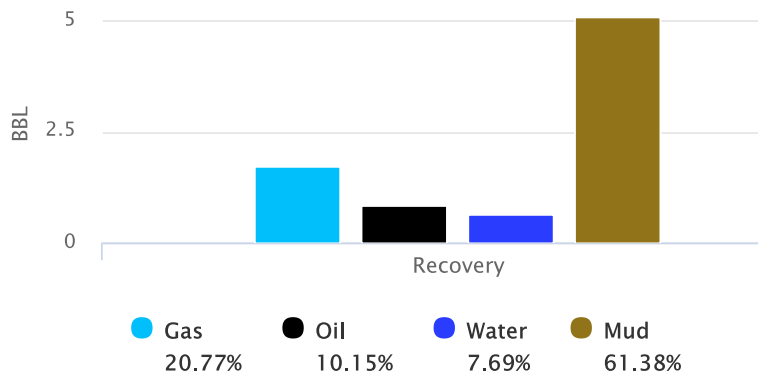
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
62	0.63612	G	100	0	0	0
124	1.27224	SLWCSLOCHGCM	40	5	5	50
558	5.72508	SLWCSLGCSLOCM	10	13	5	72
62	0.63612	SLOCHWCM	0	5	45	50

Total Recovered: 806 ft
 Total Barrels Recovered: 8.26956

Reversed Out
 NO

Initial Hydrostatic Pressure	1795	PSI
Initial Flow	60 to 210	PSI
Initial Closed in Pressure	1217	PSI
Final Flow Pressure	210 to 364	PSI
Final Closed in Pressure	1209	PSI
Final Hydrostatic Pressure	1793	PSI
Temperature	111	°F
Pressure Change Initial Close / Final Close	0.7	%

Recovery at a glance





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DATE August 24 2017
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DST #5

Formation:
ARBUCKLE

Test Interval: 3614 -
3684'

Total Depth: 3684'

Time On: 09:21 08/24

Time Off: 17:25 08/24

Time On Bottom: 11:20 08/24

Time Off Bottom: 14:20 08/24

REMARKS:

Tool Sample: 3% O 51% W 46% M

Ph: 8

RW: .27 @ 83 degrees F

Chlorides: 10,000 ppm



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 Field Name: Drach
 Pool: WILDCAT
 Job Number: 48

DATE August 24 2017
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Time On: 09:21 08/24 Time Off: 17:25 08/24
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Down Hole Makeup

Heads Up: 11.33 FT	Packer 1: 3608.96 FT
Drill Pipe: 3592.72 FT <i>ID-3 1/4</i>	Packer 2: 3613.96 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3598.38 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3651 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: 70.04	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.54 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 34 FT <i>4 1/2-FH</i>	



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<p>DATE August 24 2017</p>
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Mud Properties

Mud Type: Chem	Weight: 9.4	Viscosity: 49	Filtrate: 15	Chlorides: 10,000 ppm
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ARBUCKLE **3684'**
 Time On: 09:21 08/24 Time Off: 17:25 08/24
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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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