



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

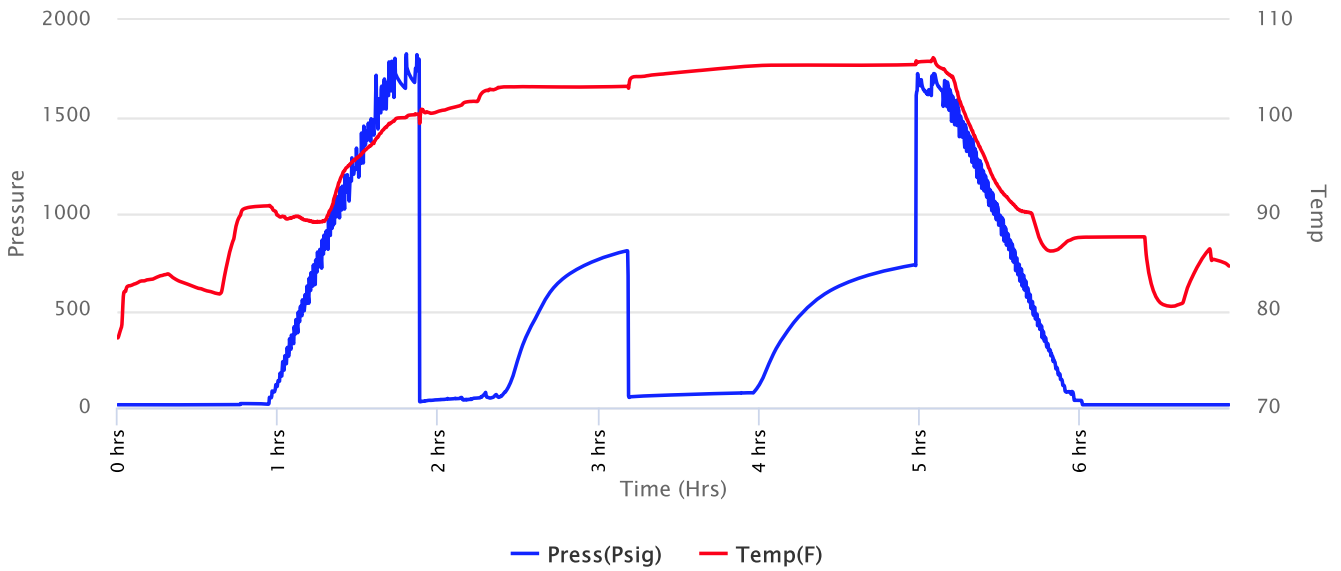
SEC: 18 TWN: 22S RNG: 12W  
 County: STAFFORD  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 1879 EGL  
 Field Name: Drach  
 Pool: WILDCAT  
 Job Number: 48

**DATE**  
 August  
**22**  
 2017

**DST #2**    **Formation: L/KC H/K**    **Test Interval: 3450 - 3530'**    **Total Depth: 3530'**

Time On: 12:27 08/22    Time Off: 19:11 08/22  
 Time On Bottom: 14:17 08/22    Time Off Bottom: 17:17 08/22

Electronic Volume Estimate:	<u>1st Open</u> Minutes: 30 5.6" at 30 min	<u>1st Close</u> Minutes: 45 0" at 45 min	<u>2nd Open</u> Minutes: 45 5.6" at 45 min	<u>2nd Close</u> Minutes: 60 0" at 60 min
101'				





**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  
**22**  
 2017

**DST #2**    **Formation: L/KC H/K**    **Test Interval: 3450 - 3530'**    **Total Depth: 3530'**

Time On: 12:27 08/22    Time Off: 19:11 08/22  
 Time On Bottom: 14:17 08/22    Time Off Bottom: 17:17 08/22

Recovered

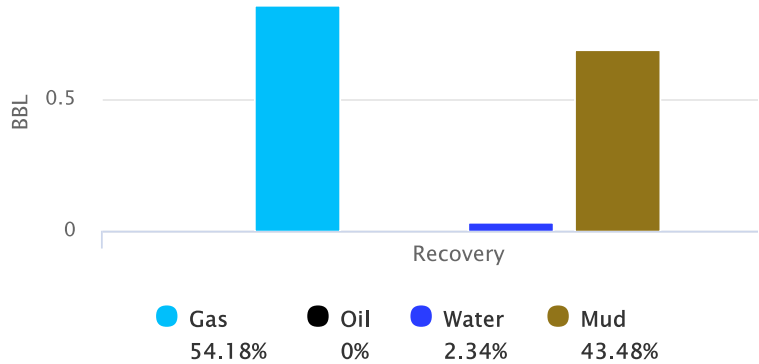
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
82	0.84132	G	100	0	0	0
72	0.73872	SLGCSLWCM	2	0	5	93

Total Recovered: 154 ft  
 Total Barrels Recovered: 1.58004

Reversed Out  
 NO

Initial Hydrostatic Pressure	1649	PSI
Initial Flow	31 to 59	PSI
<b>Initial Closed in Pressure</b>	<b>808</b>	<b>PSI</b>
Final Flow Pressure	53 to 77	PSI
<b>Final Closed in Pressure</b>	<b>733</b>	<b>PSI</b>
Final Hydrostatic Pressure	1645	PSI
Temperature	106	°F
Pressure Change Initial Close / Final Close	9.3	%

**Recovery at a glance**





**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

<b>DATE</b> August <b>22</b> 2017
--

**DST #2**      **Formation: L/KC H/K**      **Test Interval: 3450 -**  
**3530'**      **Total Depth: 3530'**

Time On: 12:27 08/22      Time Off: 19:11 08/22  
Time On Bottom: 14:17 08/22      Time Off Bottom: 17:17 08/22

**REMARKS:**

Tool Sample: 1% O 5% W 94% M



**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

<b>DATE</b> August <b>22</b> 2017
--

**DST #2**    **Formation: L/KC H/K**    **Test Interval: 3450 - 3530'**    **Total Depth: 3530'**

Time On: 12:27 08/22                      Time Off: 19:11 08/22  
 Time On Bottom: 14:17 08/22    Time Off Bottom: 17:17 08/22

**Down Hole Makeup**

<b>Heads Up:</b> 19.42 FT	<b>Packer 1:</b> 3444.62 FT
<b>Drill Pipe:</b> 3436.47 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3449.62 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3434.04 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3518 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 80.38	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 2 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 62.88 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 13 FT <i>4 1/2-FH</i>	



**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

<b>DATE</b> August <b>22</b> 2017
--

**DST #2**    **Formation: L/KC H/K**    **Test Interval: 3450 - 3530'**    **Total Depth: 3530'**

Time On: 12:27 08/22                      Time Off: 19:11 08/22  
Time On Bottom: 14:17 08/22    Time Off Bottom: 17:17 08/22

**Mud Properties**

**Mud Type:** Chem            **Weight:** 9.2            **Viscosity:** 52            **Filtrate:** 10.2            **Chlorides:** 7000 ppm



**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

<b>DATE</b>
August
<b>22</b>
2017

**DST #2**    **Formation: L/KC H/K**    **Test Interval: 3450 - 3530'**    **Total Depth: 3530'**

Time On: 12:27 08/22                      Time Off: 19:11 08/22  
 Time On Bottom: 14:17 08/22    Time Off Bottom: 17:17 08/22

**Gas Volume Report**

1st Open

2nd Open

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

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