



**Company: L. D. Drilling, Inc**  
**Lease: Hickert Farms #1-27**

SEC: 27 TWN: 6S RNG: 25W  
 County: GRAHAM  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2559 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 129

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 March  
**05**  
 2019

**DST #2**    **Formation: LKC D-F**    **Test Interval: 3743 - 3770'**    **Total Depth: 3770'**  
 Time On: 00:12 03/05    Time Off: 07:49 03/05  
 Time On Bottom: 02:20 03/05    Time Off Bottom: 05:20 03/05

Electronic Volume Estimate:  
 300'

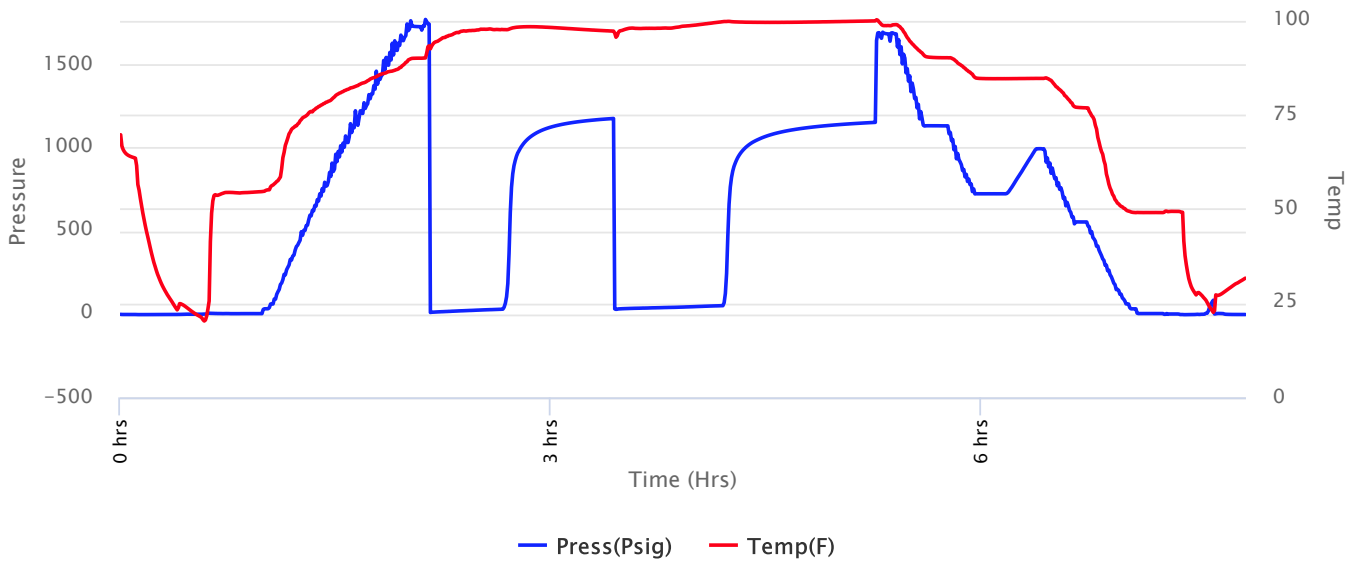
1st Open  
 Minutes: 30  
 Current Reading:  
 12.9" at 30 min  
 Max Reading: 12.9"

1st Close  
 Minutes: 45  
 Current Reading:  
 1" at 45 min  
 Max Reading: 1"

2nd Open  
 Minutes: 45  
 Current Reading:  
 16.4" at 45 min  
 Max Reading: 16.4"

2nd Close  
 Minutes: 60  
 Current Reading:  
 .25" at 60 min  
 Max Reading: .25"

Inside Recorder





**Company: L. D. Drilling, Inc**  
**Lease: Hickert Farms #1-27**

SEC: 27 TWN: 6S RNG: 25W  
 County: GRAHAM  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc -  
 Rig 1  
 Elevation: 2559 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 129

**Operation:**  
 Uploading recovery &  
 pressures

**DATE**  
 March  
**05**  
 2019

**DST #2**      **Formation: LKC D-F**      **Test Interval: 3743 - 3770'**      **Total Depth: 3770'**  
 Time On: 00:12 03/05      Time Off: 07:49 03/05  
 Time On Bottom: 02:20 03/05      Time Off Bottom: 05:20 03/05

Recovered

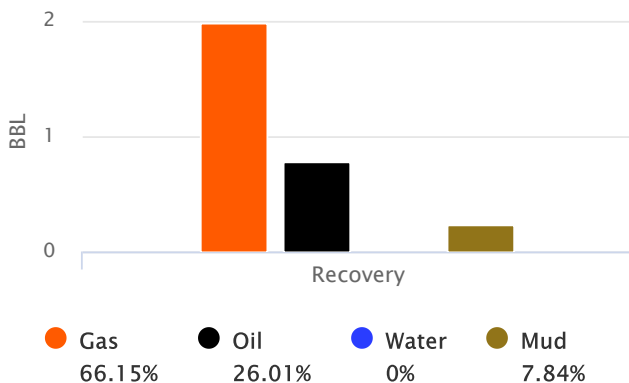
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
189	1.93914	G	100	0	0	0
20	0.2052	O	0	100	0	0
20	0.2052	SLGCMCO	5	75	0	20
63	0.64638	SLGCHMCO	5	65	0	30

Total Recovered: 292 ft  
 Total Barrels Recovered: 2.99592

**Reversed Out**  
**NO**

Initial Hydrostatic Pressure	1729	PSI
Initial Flow	11 to 31	PSI
<b>Initial Closed in Pressure</b>	<b>1177</b>	<b>PSI</b>
Final Flow Pressure	30 to 52	PSI
<b>Final Closed in Pressure</b>	<b>1153</b>	<b>PSI</b>
Final Hydrostatic Pressure	1693	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	2.0	%

**Recovery at a glance**



GIP cubic foot volume: 11.12636



**Company: L. D. Drilling, Inc**  
**Lease: Hickert Farms #1-27**

SEC: 27 TWN: 6S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2559 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 129

**Operation:**

Uploading recovery &  
pressures

**DATE**

March

**05**

2019

**DST #2      Formation: LKC D-F      Test Interval: 3743 -      Total Depth: 3770'**  
**3770'**

Time On: 00:12 03/05

Time Off: 07:49 03/05

Time On Bottom: 02:20 03/05

Time Off Bottom: 05:20 03/05

**BUCKET MEASUREMENT:**

1st Open: 1/4" bib in 27 min

1st Close: Built to 1"

2nd Open: 1/4" Bob in 28 min

2nd Close: Built to 1/4"

**REMARKS:**

Tool Sample: 5% Gas 75% Oil 0% Water 20% Mud

Gravity: 33.8 @ 60 °F



**Company: L. D. Drilling, Inc**  
**Lease: Hickert Farms #1-27**

SEC: 27 TWN: 6S RNG: 25W  
 County: GRAHAM  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc -  
 Rig 1  
 Elevation: 2559 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 129

**Operation:**  
 Uploading recovery &  
 pressures

**DATE**  
 March  
**05**  
 2019

**DST #2**      **Formation: LKC D-F**      **Test Interval: 3743 - 3770'**      **Total Depth: 3770'**  
 Time On: 00:12 03/05      Time Off: 07:49 03/05  
 Time On Bottom: 02:20 03/05      Time Off Bottom: 05:20 03/05

**Down Hole Makeup**

<b>Heads Up:</b> 5.1300000000001 FT	<b>Packer 1:</b> 3738 FT
<b>Drill Pipe:</b> 3715.56 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3743 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3727.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3747 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>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Total Anchor:** 27

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 2 FT  
*4 1/2-FH*

**Change Over:** FT

**Drill Pipe: (in anchor):** FT  
*ID-3 1/4*

**Change Over:** FT

**Perforations: (below):** 24 FT  
*4 1/2-FH*



**Company: L. D. Drilling, Inc**  
**Lease: Hickert Farms #1-27**

SEC: 27 TWN: 6S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2559 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 129

**Operation:**

Uploading recovery &  
pressures

**DATE**

March

**05**

2019

**DST #2**      **Formation: LKC D-F**      **Test Interval: 3743 -**  
**3770'**      **Total Depth: 3770'**

Time On: 00:12 03/05

Time Off: 07:49 03/05

Time On Bottom: 02:20 03/05      Time Off Bottom: 05:20 03/05

**Mud Properties**

**Mud Type:** Chemical

**Weight:** 8.9

**Viscosity:** 58

**Filtrate:** 7.2

**Chlorides:** 1100 ppm