



**Company: L. D. Drilling, Inc**  
**Lease: Clem #1-14**

SEC: 14 TWN: 16S RNG: 33W  
 County: SCOTT  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2998 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 388  
 API #: 15-171-21260-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 October  
**05**  
 2019

**DST #2**      **Formation: Cherokee/Johnson**      **Test Interval: 4525 - 4635'**      **Total Depth: 4635'**  
 Time On: 23:46 10/05      Time Off: 06:48 10/06  
 Time On Bottom: 01:47 10/06      Time Off Bottom: 04:47 10/06

Electronic Volume Estimate:  
 11'

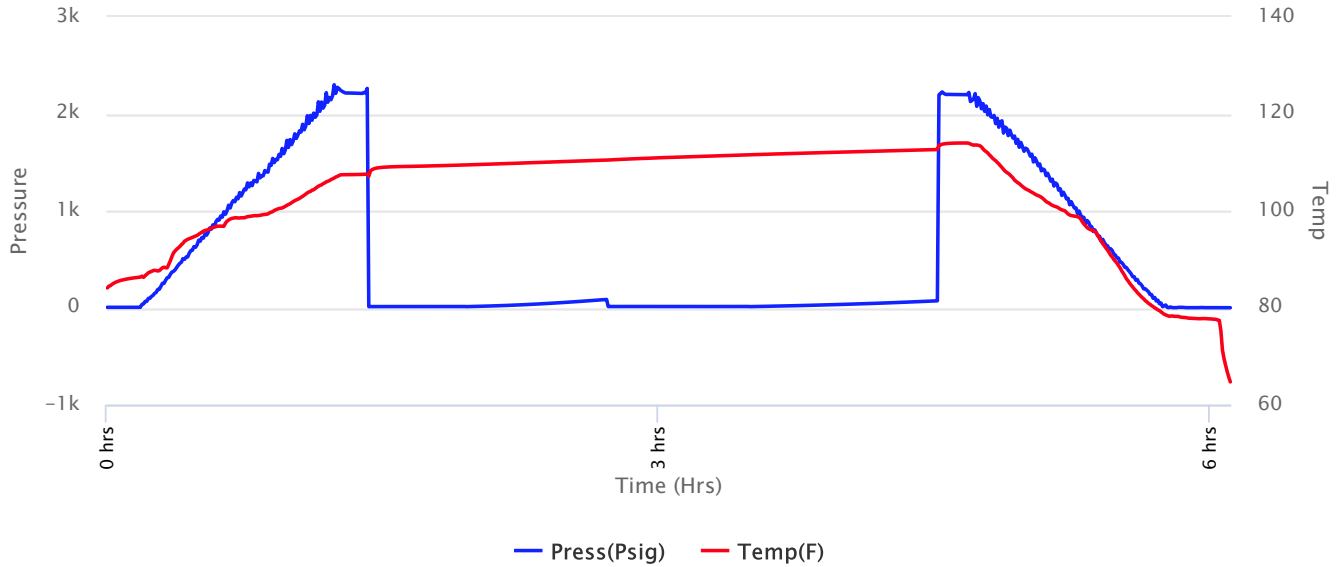
1st Open  
 Minutes: 30  
 Current Reading: .8" at 30 min  
 Max Reading: .9"

1st Close  
 Minutes: 45  
 Current Reading: 0" at 45 min  
 Max Reading: 0"

2nd Open  
 Minutes: 45  
 Current Reading: 0" at 45 min  
 Max Reading: 0"

2nd Close  
 Minutes: 60  
 Current Reading: 0" at 60 min  
 Max Reading: 0"

Inside Recorder





**Company: L. D. Drilling, Inc**  
**Lease: Clem #1-14**

SEC: 14 TWN: 16S RNG: 33W  
 County: SCOTT  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2998 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 388  
 API #: 15-171-21260-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 October  
**05**  
 2019

**DST #2**      **Formation: Cherokee/Johnson**      **Test Interval: 4525 - 4635'**      **Total Depth: 4635'**  
 Time On: 23:46 10/05      Time Off: 06:48 10/06  
 Time On Bottom: 01:47 10/06      Time Off Bottom: 04:47 10/06

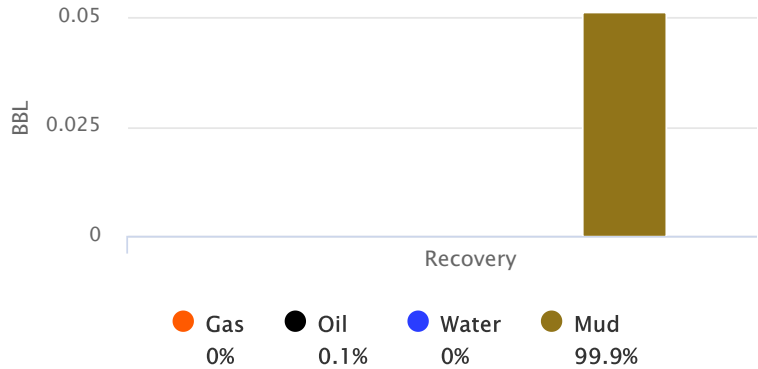
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.0513	M (trace O)	0	.1	0	99.9

Total Recovered: 5 ft  
 Total Barrels Recovered: 0.0513

**Reversed Out**  
**NO**

Initial Hydrostatic Pressure	2217	PSI
Initial Flow	11 to 13	PSI
<b>Initial Closed in Pressure</b>	<b>85</b>	<b>PSI</b>
Final Flow Pressure	13 to 13	PSI
<b>Final Closed in Pressure</b>	<b>71</b>	<b>PSI</b>
Final Hydrostatic Pressure	2212	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	16.3	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: L. D. Drilling, Inc**  
**Lease: Clem #1-14**

SEC: 14 TWN: 16S RNG: 33W  
County: SCOTT  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2998 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 388  
API #: 15-171-21260-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**05**  
2019

<b>DST #2</b>	<b>Formation:</b> Cherokee/Johnson	<b>Test Interval: 4525 -</b> <b>4635'</b>	<b>Total Depth: 4635'</b>
	Time On: 23:46 10/05	Time Off: 06:48 10/06	
	Time On Bottom: 01:47 10/06	Time Off Bottom: 04:47 10/06	

**BUCKET MEASUREMENT:**

1st Open: Surface blow building to 1/2"

1st Close: No BB

2nd Open: Very weak surface blow lasting 7 min.

2nd Close: No BB

**REMARKS:**

Tool Sample: 0% Gas .1% Oil 0% Water 99.9% Mud



**Company: L. D. Drilling, Inc**  
**Lease: Clem #1-14**

SEC: 14 TWN: 16S RNG: 33W  
 County: SCOTT  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc -  
 Rig 1  
 Elevation: 2998 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 388  
 API #: 15-171-21260-00-00

**Operation:**  
 Uploading recovery &  
 pressures

**DATE**  
 October  
**05**  
 2019

**DST #2**      **Formation:** Cherokee/Johnson      **Test Interval: 4525 - 4635'**      **Total Depth: 4635'**  
 Time On: 23:46 10/05      Time Off: 06:48 10/06  
 Time On Bottom: 01:47 10/06      Time Off Bottom: 04:47 10/06

**Down Hole Makeup**

<b>Heads Up:</b> 35.99 FT	<b>Packer 1:</b> 4519.78 FT
<b>Drill Pipe:</b> 4528.2 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4524.78 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4509.2 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4624 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> 110.22	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<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> 93.22 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 12 FT <i>4 1/2-FH</i>	



**Company: L. D. Drilling, Inc**  
**Lease: Clem #1-14**

SEC: 14 TWN: 16S RNG: 33W  
County: SCOTT  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2998 EGL  
Field Name: Wildcat  
Pool: Infield  
Job Number: 388  
API #: 15-171-21260-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
October  
**05**  
2019

**DST #2**      **Formation:** Cherokee/Johnson      **Test Interval: 4525 - 4635'**      **Total Depth: 4635'**  
Time On: 23:46 10/05      Time Off: 06:48 10/06  
Time On Bottom: 01:47 10/06      Time Off Bottom: 04:47 10/06

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.5      **Viscosity:** 59      **Filtrate:** 10.4      **Chlorides:** 4,500 ppm



**Company: L. D. Drilling, Inc**  
**Lease: Clem #1-14**

SEC: 14 TWN: 16S RNG: 33W  
 County: SCOTT  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc -  
 Rig 1  
 Elevation: 2998 EGL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 388  
 API #: 15-171-21260-00-00

**Operation:**  
 Uploading recovery &  
 pressures

**DATE**  
 October  
**05**  
 2019

**DST #2**      **Formation:** Cherokee/Johnson      **Test Interval: 4525 - 4635'**      **Total Depth: 4635'**  
 Time On: 23:46 10/05      Time Off: 06:48 10/06  
 Time On Bottom: 01:47 10/06      Time Off Bottom: 04:47 10/06

**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D