



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Dixon Operating Co

**4-23S-12W Stafford**

8100 E 22nd St N  
Bldg 300 Ste 200  
Wichita, KS 67226  
ATTN: Chuck Schmalz

**Curtis 1-4**

Job Ticket: 59941

**DST#: 2**

Test Start: 2017.06.07 @ 18:57:49

## GENERAL INFORMATION:

Formation: **Lansing "H-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:11:49

Time Test Ended: 03:21:19

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

**Interval: 3464.00 ft (KB) To 3580.00 ft (KB) (TVD)**

Reference Elevations: 1853.00 ft (KB)

Total Depth: 3580.00 ft (KB) (TVD)

1844.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 8159**

**Inside**

Press@RunDepth: 122.71 psig @ 3465.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.07

End Date:

2017.06.08

Last Calib.:

2017.06.08

Start Time:

18:57:50

End Time:

03:21:19

Time On Btm:

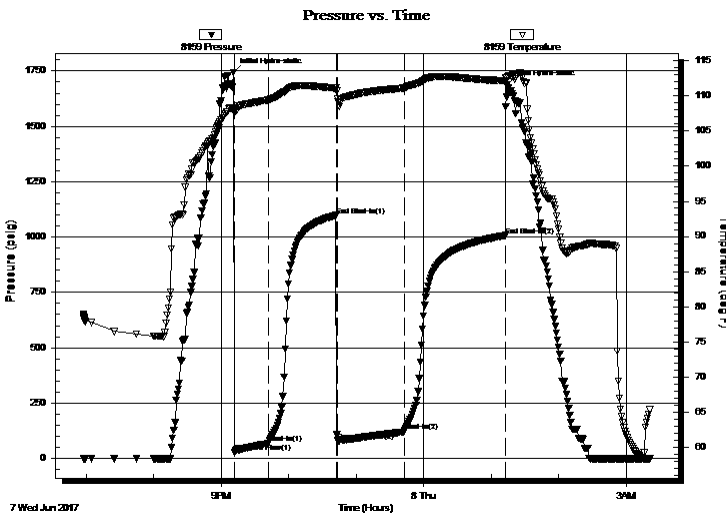
2017.06.07 @ 21:11:04

Time Off Btm:

2017.06.08 @ 01:14:19

**TEST COMMENT:** IF: Strong Blow , BOB in 5 minutes  
IS: Weak Surface Blow Back  
FF: Strong Blow , BOB in 1 minute  
FS: Weak Surface Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1743.65	108.25	Initial Hydro-static
1	26.15	107.59	Open To Flow (1)
31	68.81	109.45	Shut-In(1)
92	1097.91	111.11	End Shut-In(1)
93	78.98	109.59	Open To Flow (2)
152	122.71	111.11	Shut-In(2)
242	1006.92	112.15	End Shut-In(2)
244	1687.41	112.57	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	3140 GIP	0.00
124.00	GMCO 10%G 60%O 30%M	1.74
134.00	GMCO 10%G 24%M 66%O	1.88

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Dixon Operating Co

**4-23S-12W Stafford**

8100 E 22nd St N  
Bldg 300 Ste 200  
Wichita, KS 67226  
ATTN: Chuck Schmaltz

**Curtis 1-4**

Job Ticket: 59941

**DST#: 2**

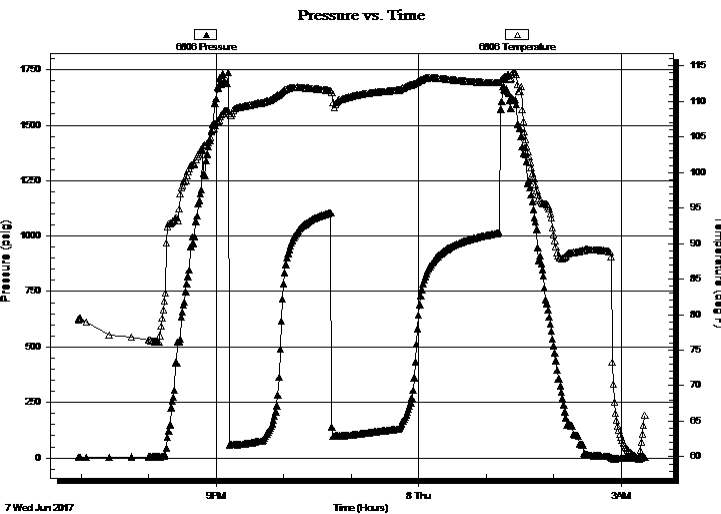
Test Start: 2017.06.07 @ 18:57:49

### GENERAL INFORMATION:

Formation: **Lansing "H-L"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:11:49  
 Time Test Ended: 03:21:19  
 Interval: **3464.00 ft (KB) To 3580.00 ft (KB) (TVD)**  
 Total Depth: 3580.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Leal Cason  
 Unit No: 74  
 Reference Elevations: 1853.00 ft (KB)  
 1844.00 ft (CF)  
 KB to GR/CF: 9.00 ft

**Serial #: 6806 Outside**  
 Press@RunDepth: psig @ 3465.00 ft (KB)  
 Start Date: 2017.06.07 End Date: 2017.06.08  
 Start Time: 18:57:50 End Time: 03:21:19  
 Capacity: 8000.00 psig  
 Last Calib.: 2017.06.08  
 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF: Strong Blow , BOB in 5 minutes  
 IS: Weak Surface Blow Back  
 FF: Strong Blow , BOB in 1 minute  
 FS: Weak Surface Blow Back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	3140 GIP	0.00
124.00	GMCO 10%G 60%O 30%M	1.74
134.00	GMCO 10%G 24%M 66%O	1.88

\* Recovery from multiple tests

### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dixon Operating Co

**4-23S-12W Stafford**

8100 E 22nd St N  
Bldg 300 Ste 200  
Wichita, KS 67226  
ATTN: Chuck Schmaltz

**Curtis 1-4**

Job Ticket: 59941

**DST#: 2**

Test Start: 2017.06.07 @ 18:57:49

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 9.18 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4600.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3140 GIP	0.000
124.00	GMCO 10%G 60%O 30%M	1.739
134.00	GMCO 10%G 24%M 66%O	1.880

Total Length: 258.00 ft      Total Volume: 3.619 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



