



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Dixon Operating Corporation LLC

**4/23S/12W/Stafford**

8100 E 22nd St North  
 Building 300 Suite 200  
 Wichita, Kansas 67226  
 ATTN: Chuck Schmaltz

**Alpers #1-4**

Job Ticket: 61946

**DST#: 2**

Test Start: 2016.10.30 @ 15:25:00

## GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:18:30

Time Test Ended: 22:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/50

**Interval: 3441.00 ft (KB) To 3528.00 ft (KB) (TVD)**

Reference Elevations: 1853.00 ft (KB)

Total Depth: 3528.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6999 Inside**

Press@RunDepth: 130.61 psig @ 3524.46 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.30 End Date: 2016.10.30

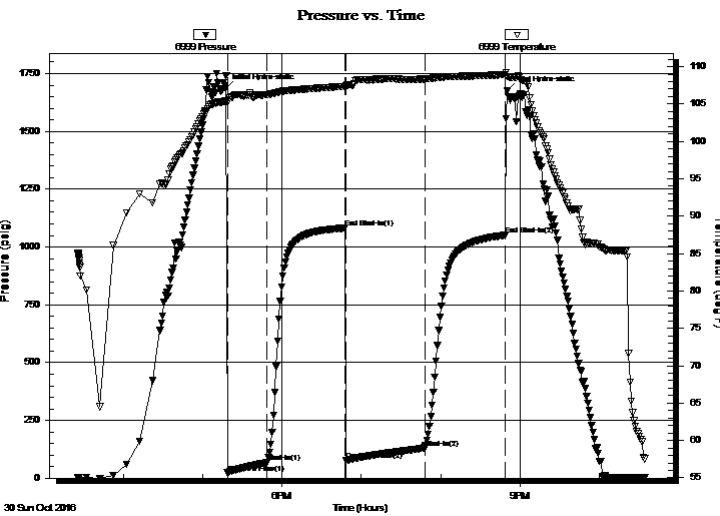
Last Calib.: 2016.10.30

Start Time: 15:25:05 End Time: 22:34:59

Time On Btm: 2016.10.30 @ 17:17:00

Time Off Btm: 2016.10.30 @ 20:50:30

**TEST COMMENT:** I.F. 30 minutes/Blow built to 1 inch then died to surface blow  
 I.S.I. 60 minutes/No blow back  
 F.F. 60 minutes/Blow built very slow to 2 1/4 inches  
 F.S.I. 60 minutes/No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1686.20	105.36	Initial Hydro-static
2	22.35	105.23	Open To Flow (1)
31	66.60	106.24	Shut-In(1)
91	1081.81	107.36	End Shut-In(1)
92	77.09	107.37	Open To Flow (2)
151	130.61	108.34	Shut-In(2)
212	1050.54	108.91	End Shut-In(2)
214	1674.50	108.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
210.00	Oil cut w atery mud	1.03
0.00	Oil 10% Water 10% Mud 80%	0.00
0.00	90 feet of gas in pipe	0.00

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Dixon Operating Corporation LLC

**4/23S/12W/Stafford**

8100 E 22nd St North  
 Building 300 Suite 200  
 Wichita, Kansas 67226  
 ATTN: Chuck Schmalz

**Alpers #1-4**

Job Ticket: 61946

**DST#: 2**

Test Start: 2016.10.30 @ 15:25:00

## GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:18:30

Time Test Ended: 22:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/50

**Interval: 3441.00 ft (KB) To 3528.00 ft (KB) (TVD)**

Reference Elevations: 1853.00 ft (KB)

Total Depth: 3528.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8960 Outside**

Press@RunDepth: 1048.80 psig @ 3525.46 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.30 End Date: 2016.10.30

Last Calib.: 2016.10.30

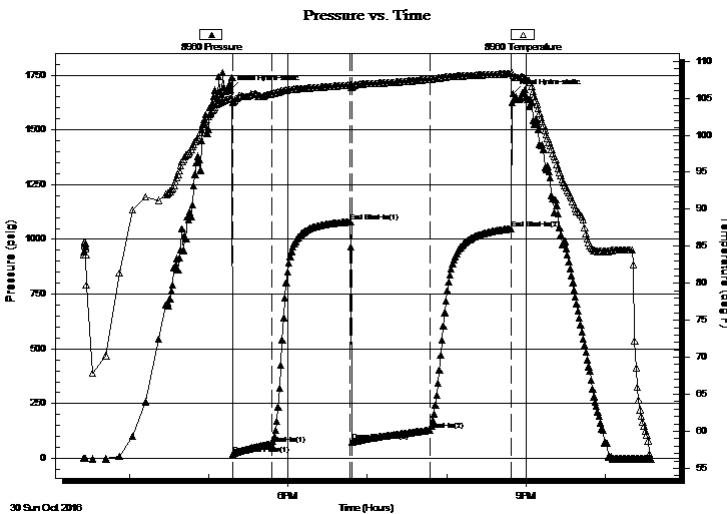
Start Time: 15:25:05 End Time: 22:34:29

Time On Btm: 2016.10.30 @ 17:16:30

Time Off Btm: 2016.10.30 @ 20:50:30

**TEST COMMENT:** I.F. 30 minutes/Blow built to 1 inch then died to surface blow  
 I.S.I. 60 minutes/No blow back  
 F.F. 60 minutes/Blow built very slow to 2 1/4 inches  
 F.S.I. 60 minutes/No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1684.08	104.89	Initial Hydro-static
2	20.40	104.45	Open To Flow (1)
31	65.62	105.60	Shut-In(1)
91	1079.93	106.78	End Shut-In(1)
92	75.85	106.46	Open To Flow (2)
151	129.12	107.55	Shut-In(2)
212	1048.80	108.32	End Shut-In(2)
214	1665.28	108.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
210.00	Oil cut w atery mud	1.03
0.00	Oil 10% Water 10% Mud 80%	0.00
0.00	90 feet of gas in pipe	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dixon Operating Corporation LLC

**4/23S/12W/Stafford**

8100 E 22nd St North  
Building 300 Suite 200  
Wichita, Kansas 67226  
ATTN: Chuck Schmaltz

**Alpers #1-4**

Job Ticket: 61946

**DST#: 2**

Test Start: 2016.10.30 @ 15:25:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 59.00 sec/qt  
Water Loss: 8.79 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 8200.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	Oil cut watery mud	1.033
0.00	Oil 10% Water 10% Mud 80%	0.000
0.00	90 feet of gas in pipe	0.000

Total Length: 210.00 ft      Total Volume: 1.033 bbl

Num Fluid Samples: 0

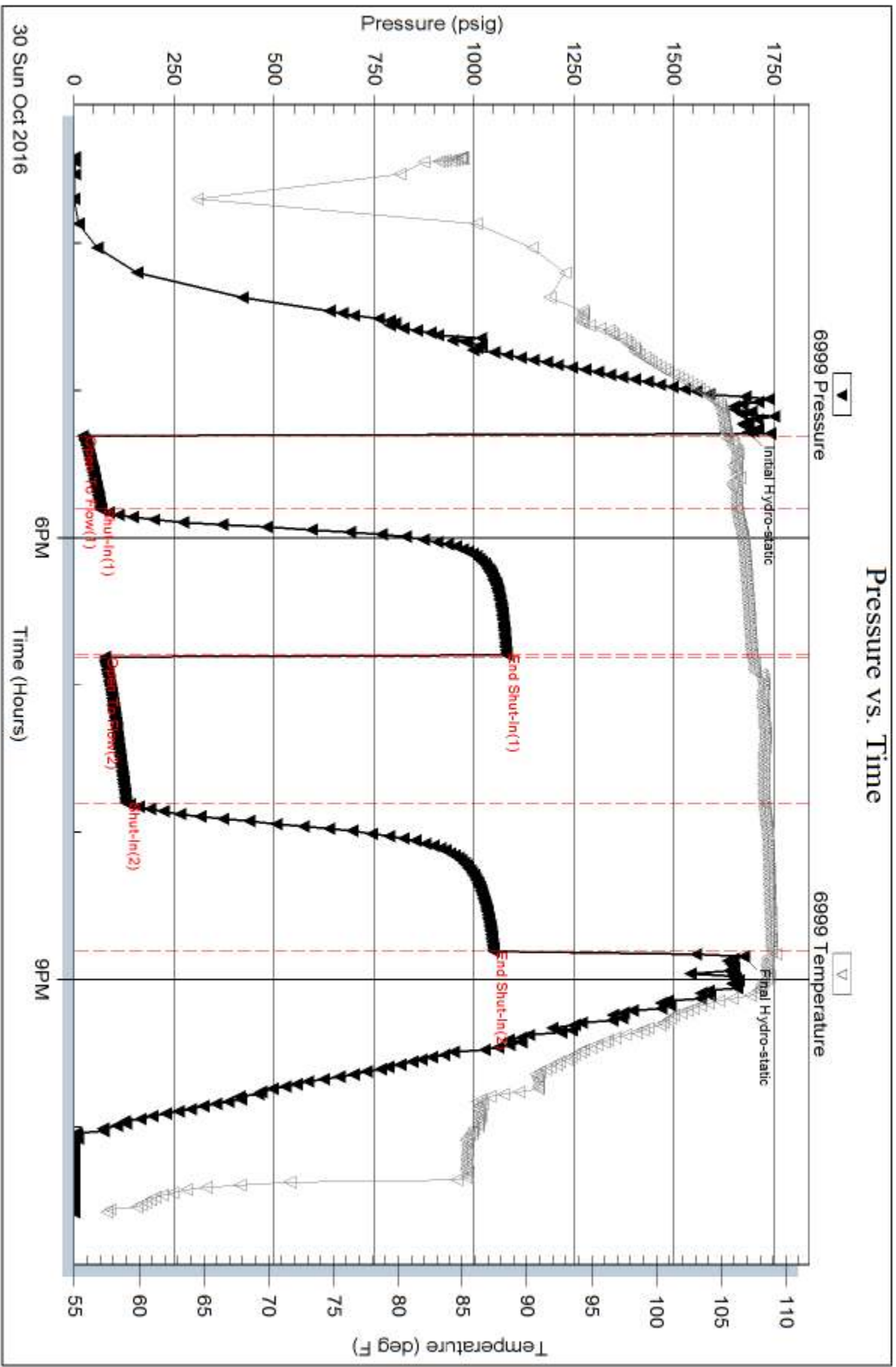
Num Gas Bombs: 0

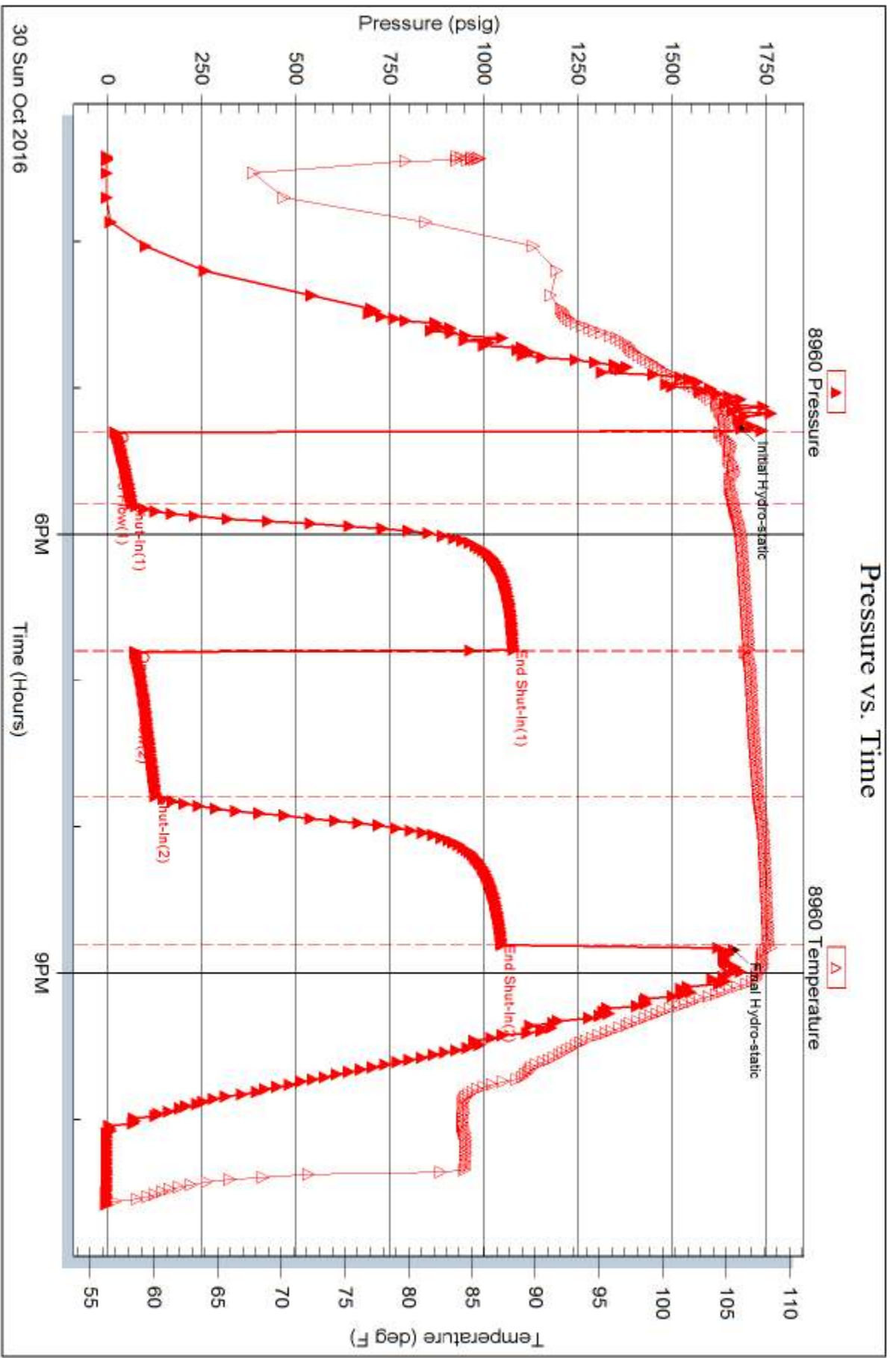
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





30 Sun Oct 2016