



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Dixon Operating Co., Inc.

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

8100 E 22nd ST  
N. BLDG 300 SUITE 200  
Wichita KS 67226  
ATTN: Bruce Reed

**Edna Mae #1-4**

Job Ticket: 63922

**DST#: 5**

Test Start: 2018.07.25 @ 02:58:00

## GENERAL INFORMATION:

Formation: **Viola**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:14:00  
 Time Test Ended: 12:02:30  
 Interval: **3616.00 ft (KB) To 3664.00 ft (KB) (TVD)**  
 Total Depth: 3664.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Spencer J. Staab  
 Unit No: 84  
 Reference Elevations: 1849.00 ft (KB)  
 1838.00 ft (CF)  
 KB to GR/CF: 11.00 ft

## Serial #: 8368

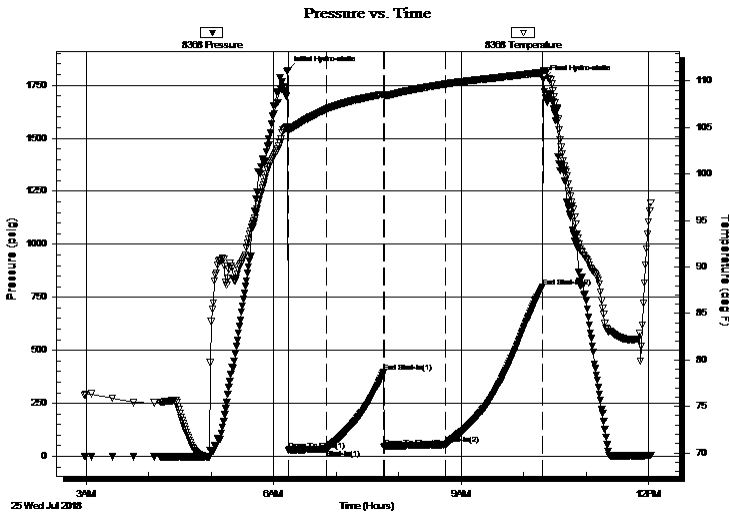
Inside

Press@RunDepth: 55.85 psig @ 3620.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2018.07.25 End Date: 2018.07.25 Last Calib.: 2018.07.25  
 Start Time: 02:58:15 End Time: 12:02:30 Time On Btm: 2018.07.25 @ 06:13:15  
 Time Off Btm: 2018.07.25 @ 10:18:45

TEST COMMENT: 30-IF-Fair Blow ; BOB in 19 min; Built to 14&1/4"  
 60-ISI-No Return  
 60-FF-Fair Blow ; BOB in 20 mins; Built to 23&1/2"  
 90-FSI-No Return

## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1819.88	105.08	Initial Hydro-static
1	28.94	104.81	Open To Flow (1)
37	34.78	106.94	Shut-In(1)
92	396.69	108.58	End Shut-In(1)
93	43.36	108.45	Open To Flow (2)
152	55.85	109.68	Shut-In(2)
245	799.75	110.91	End Shut-In(2)
246	1777.13	111.14	Final Hydro-static



## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GHOCM 10%G 35%O 55%M	0.30
20.00	GSOCM 10%G 2%O 88%M	0.10
0.00	600' GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



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Time Test Ended: 12:02:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J. Staab

Unit No: 84

**Interval: 3616.00 ft (KB) To 3664.00 ft (KB) (TVD)**

Reference Elevations: 1849.00 ft (KB)

Total Depth: 3664.00 ft (KB) (TVD)

1838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

**Serial #: 9120 Inside**

Press@RunDepth: psig @ 3620.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.07.25 End Date: 2018.07.25

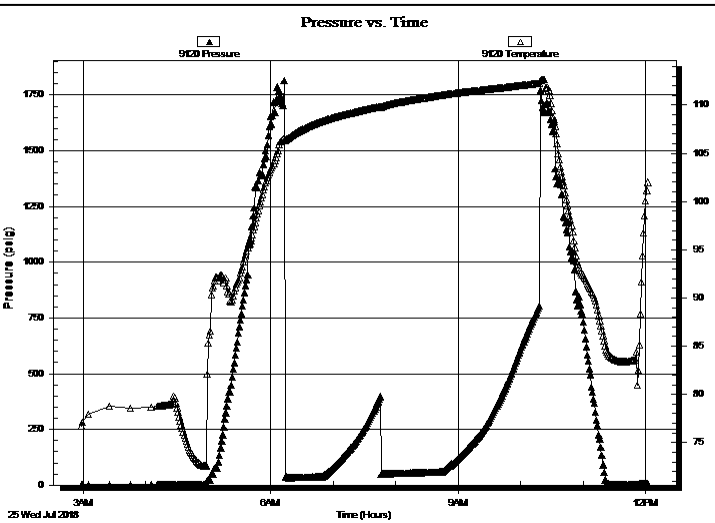
Last Calib.: 2018.07.25

Start Time: 02:58:15 End Time: 12:02:30

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 30-IF-Fair Blow ; BOB in 19 min; Built to 14&1/4"  
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60-FF-Fair Blow ; BOB in 20 mins; Built to 23&1/2"  
90-FSI-No Return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GHOCM 10%G 35%O 55%M	0.30
20.00	GSOCM 10%G 2%O 88%M	0.10
0.00	600' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dixon Operating Co., Inc.

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

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Wichita KS 67226  
ATTN: Bruce Reed

**Edna Mae #1-4**

Job Ticket: 63922

**DST#: 5**

Test Start: 2018.07.25 @ 02:58:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 89.00 sec/qt  
Water Loss: 14.59 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 15200.00 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
60.00	GHOCM 10%G 35%O 55%M	0.295
20.00	GSOCM 10%G 2%O 88%M	0.098
0.00	600' GIP	0.000

Total Length: 80.00 ft      Total Volume: 0.393 bbl

Num Fluid Samples: 0

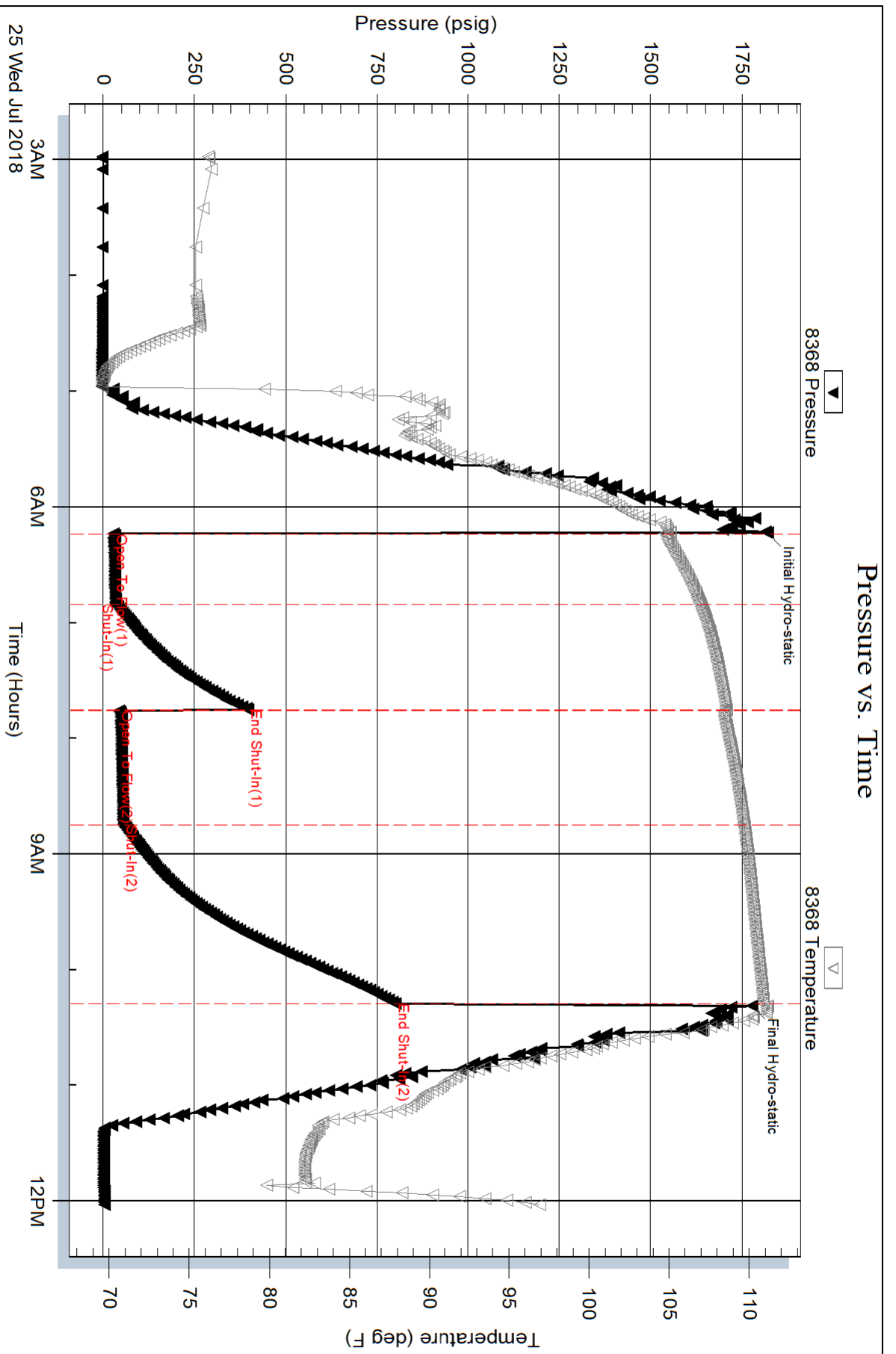
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM



Serial #: 9120

Inside

Dixon Operating Co., Inc.

Edna Mae #1-4

DST Test Number: 5

