



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: 63921

DST#: 4

Test Start: 2018.07.24 @ 11:50:00

GENERAL INFORMATION:

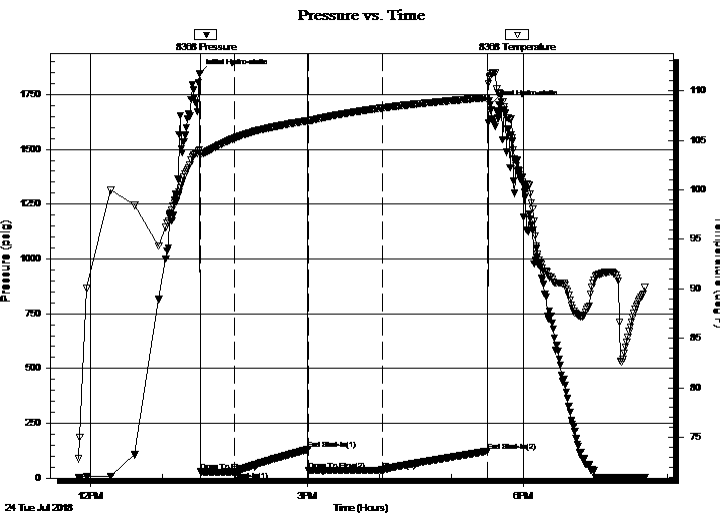
Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 13:31:45
 Tester: Spencer J. Staab
 Time Test Ended: 19:41:30
 Unit No: 84
 Interval: **3574.00 ft (KB) To 3616.00 ft (KB) (TVD)**
 Reference Elevations: 1849.00 ft (KB)
 Total Depth: 3616.00 ft (KB) (TVD)
 1838.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Poor
 KB to GR/CF: 11.00 ft

Serial #: 8368

Inside

Press@RunDepth: 37.70 psig @ 3577.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.07.24 End Date: 2018.07.24 Last Calib.: 2018.07.24
 Start Time: 11:50:15 End Time: 19:41:30 Time On Btm: 2018.07.24 @ 13:31:00
 Time Off Btm: 2018.07.24 @ 17:32:15

TEST COMMENT: 30-IF-Fair Blow ; BOB in 20 mins; Built to 12"
 60-ISI-No Return
 60-FF-Fair Blow ; BOB in 15 mins; Built to 19"
 90-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1846.62	104.06	Initial Hydro-static
1	30.96	103.68	Open To Flow (1)
29	29.65	105.21	Shut-In(1)
90	130.89	106.99	End Shut-In(1)
91	35.25	106.96	Open To Flow (2)
152	37.70	108.26	Shut-In(2)
239	123.08	109.31	End Shut-In(2)
242	1704.21	111.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GOCM 10%G 10%O 80%M	0.10
0.00	300' GIP 100%G	0.00

* Recovery from multiple tests

Gas Rates

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



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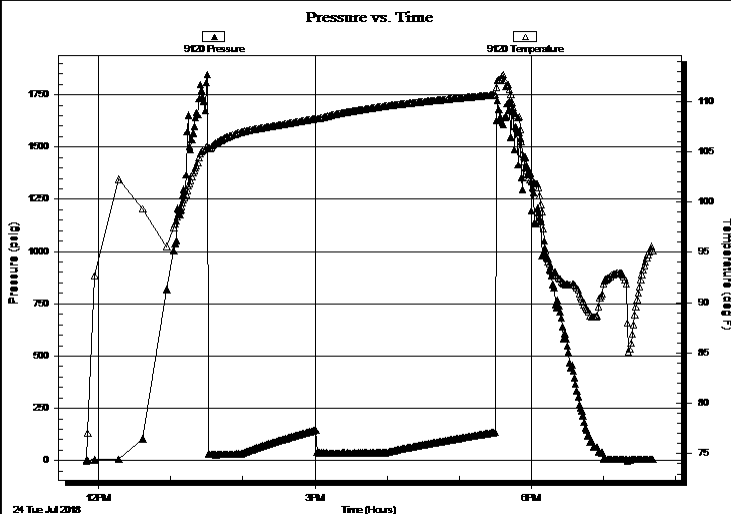
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 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J. Staab
 Unit No: 84
 Reference Elevations: 1849.00 ft (KB)
 1838.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 9120

Inside

Press@RunDepth: psig @ 3577.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.07.24 End Date: 2018.07.24 Last Calib.: 2018.07.24
 Start Time: 11:50:15 End Time: 19:41:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-Fair Blow ; BOB in 20 mins; Built to 12"
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PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GOCM 10%G 10%O 80%M	0.10
0.00	300' GIP 100%G	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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: 63921

DST#: 4

Test Start: 2018.07.24 @ 11:50:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 89.00 sec/qt
Water Loss: 14.59 in³
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
20.00	GOCM 10%G 10%O 80%M	0.098
0.00	300' GIP 100%G	0.000

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

Serial #: 8368

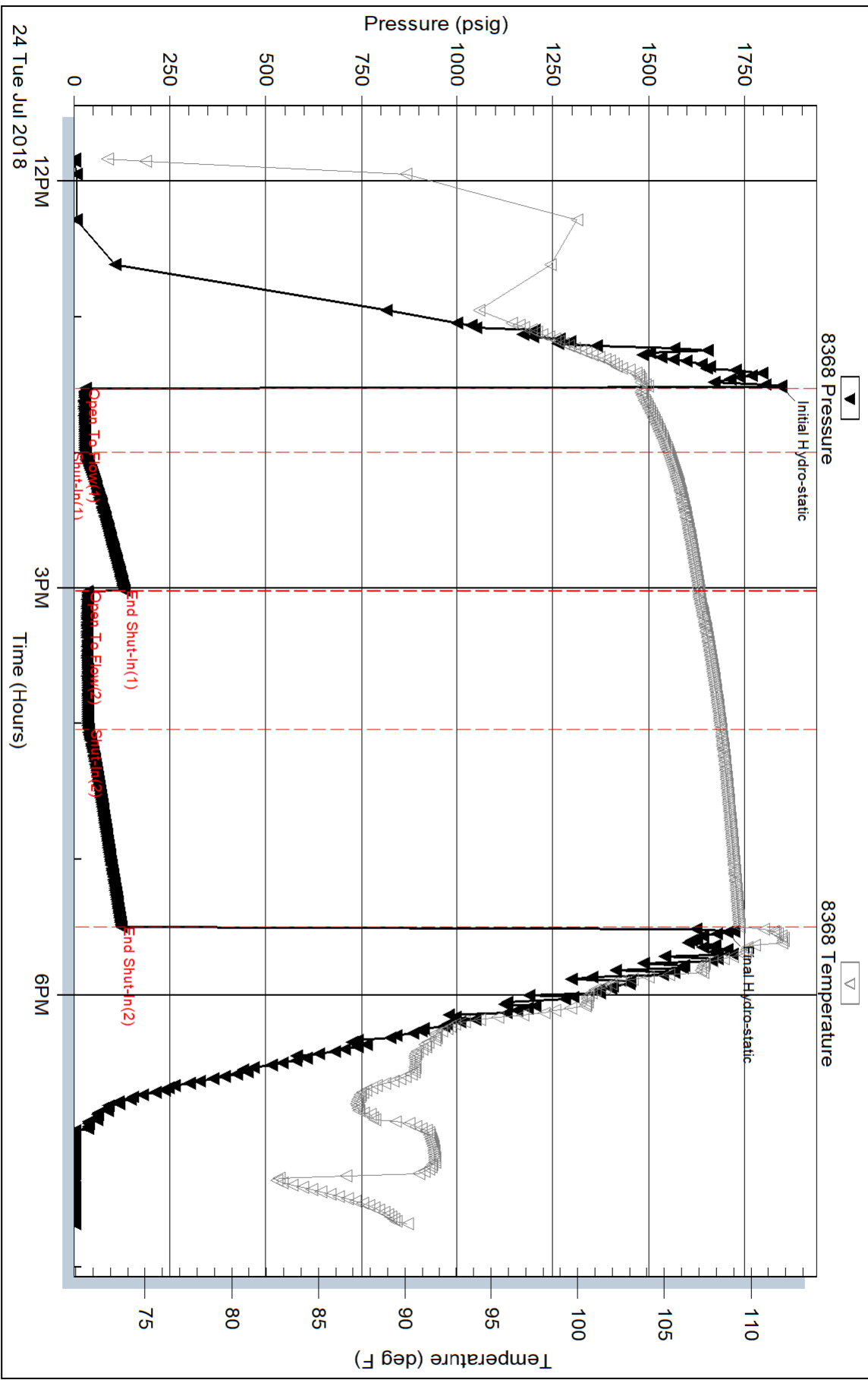
Inside

Dixon Operating Co., Inc.

Edna Mae #1-4

DST Test Number: 4

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 63921

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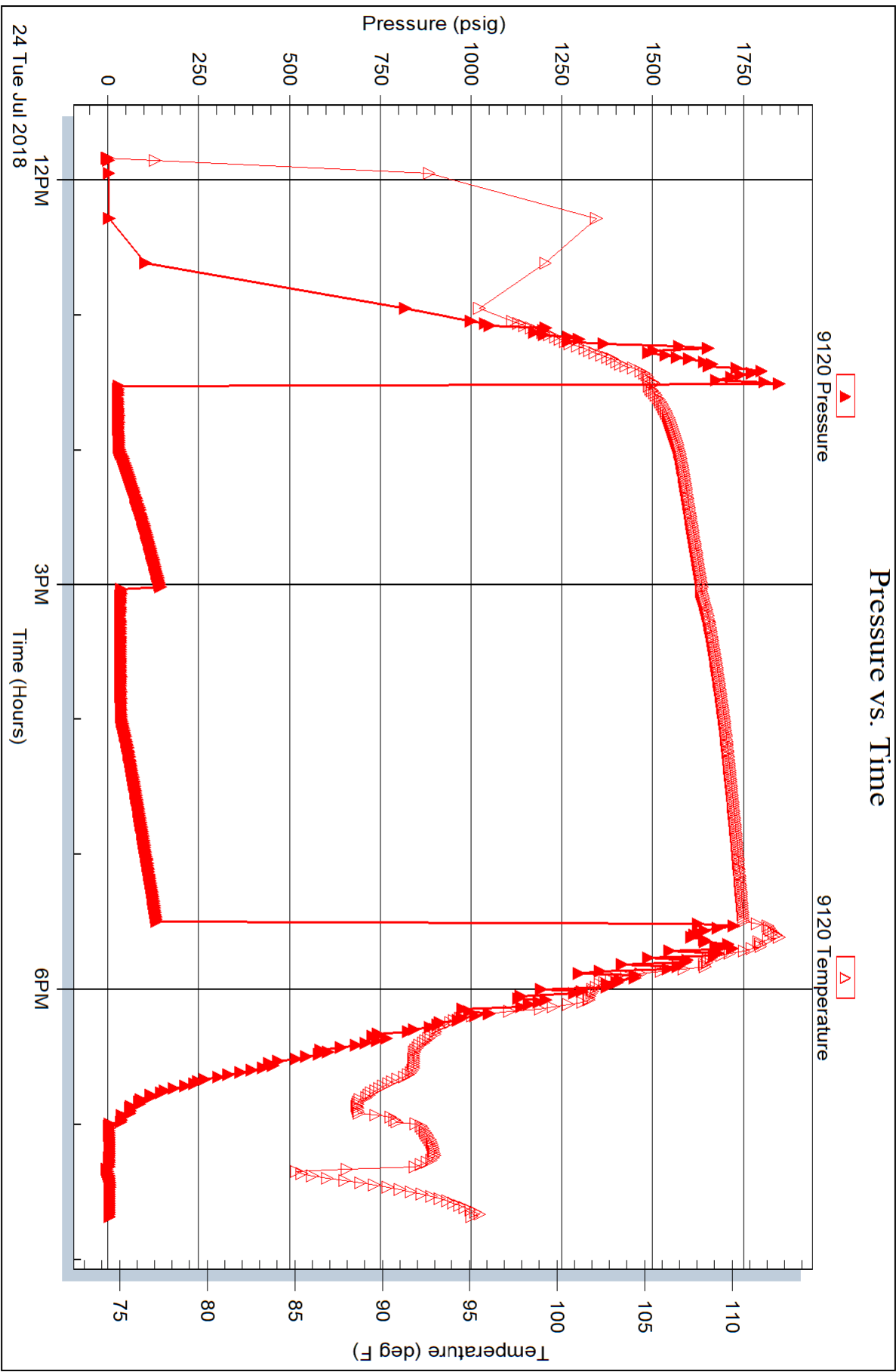
Serial #: 9120

Inside

Dixon Operating Co., Inc.

Edna Mae #1-4

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 63921

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