



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating Co
125 N Market STE 1000
Wichita, KS 67202
ATTN: Bill Klaver

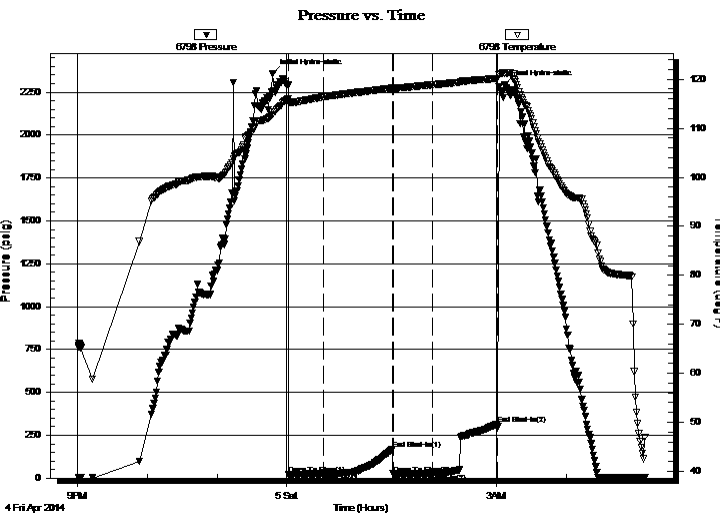
12-35S-13W Barber
MAC 1
Job Ticket: 58977 **DST#: 1**
Test Start: 2014.04.04 @ 21:01:15

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:01:15
Time Test Ended: 05:07:45
Interval: **4766.00 ft (KB) To 4838.00 ft (KB) (TVD)**
Total Depth: 4838.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74
Reference Elevations: 1469.00 ft (KB)
1457.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6798 Inside
Press @ Run Depth: 26.08 psig @ 4767.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.04.04 End Date: 2014.04.05 Last Calib.: 2014.04.05
Start Time: 21:01:16 End Time: 05:07:45 Time On Btm: 2014.04.04 @ 23:48:00
Time Off Btm: 2014.04.05 @ 03:07:00

TEST COMMENT: IF: Weak 1/4 inch Blow
IS: No Blow Back
FF: Weak Surface Blow, Dead @ 5 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.05	112.86	Initial Hydro-static
14	21.67	115.46	Open To Flow (1)
44	23.59	116.41	Shut-In(1)
103	167.43	118.21	End Shut-In(1)
103	24.45	118.15	Open To Flow (2)
137	26.08	118.87	Shut-In(2)
193	316.11	120.19	End Shut-In(2)
199	2292.92	121.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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



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FLUID SUMMARY

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MAC 1

Job Ticket: 58977

DST#: 1

ATTN: Bill Klaver

Test Start: 2014.04.04 @ 21:01:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

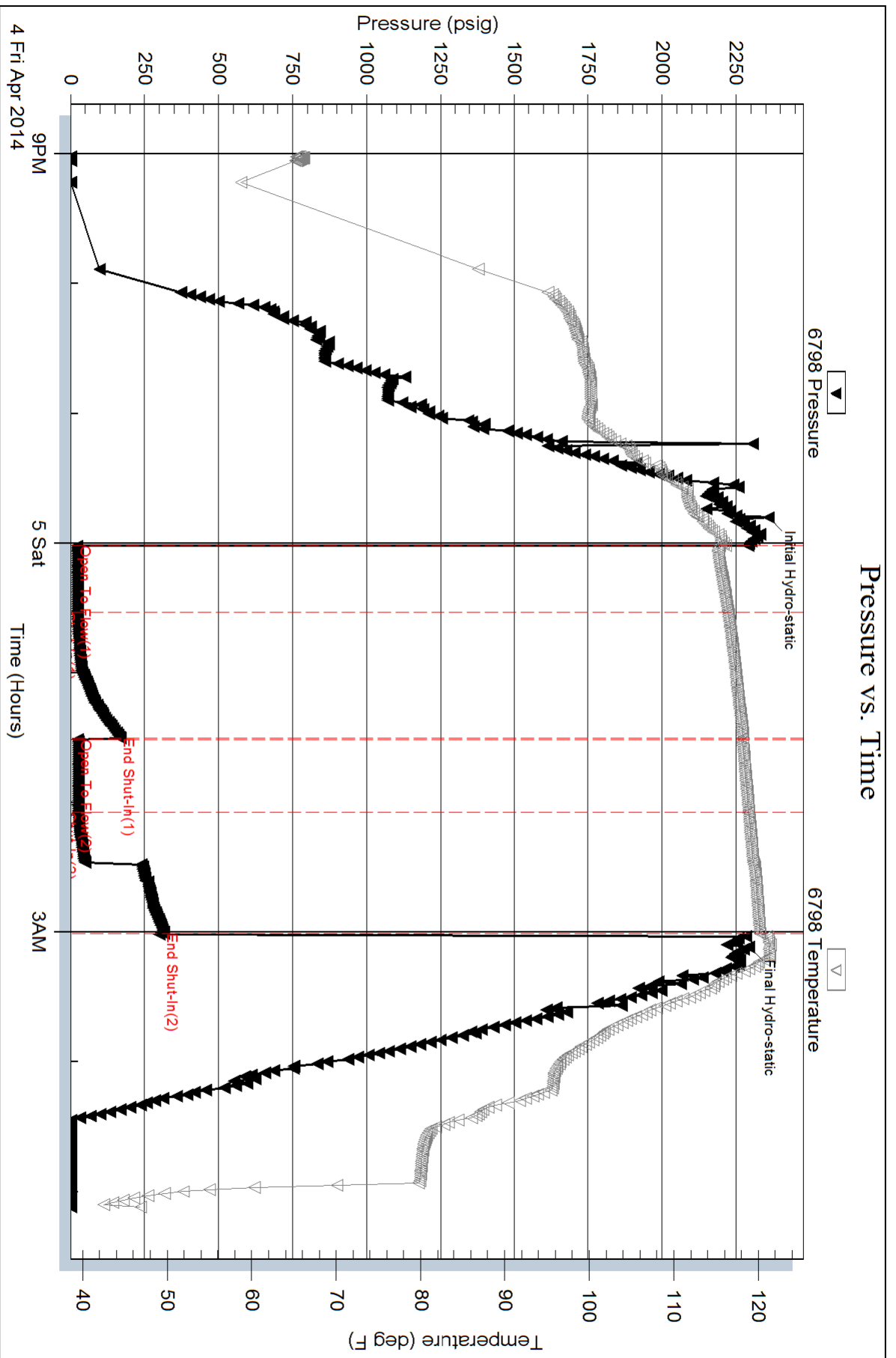
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8367

Outside Woodsey Operating Co

MAC 1

DST Test Number: 1

