



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

34/3s/36w Rawlins KS

1515 Wynkoop STE 700
Denver, CO 80202

Fisher Cattle #1-34

Job Ticket: 60796

DST#: 1

ATTN: Dan Pritchard

Test Start: 2014.11.23 @ 02:57:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:18:30

Time Test Ended: 12:05:00

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

Interval: 4156.00 ft (KB) To 4221.00 ft (KB) (TVD)

Reference Elevations: 3309.00 ft (KB)

Total Depth: 4221.00 ft (KB) (TVD)

3304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 21.80 psig @ 4157.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.23

End Date:

2014.11.23

Last Calib.: 2014.11.23

Start Time: 02:57:05

End Time:

12:05:00

Time On Btm: 2014.11.23 @ 06:18:15

Time Off Btm: 2014.11.23 @ 10:01:45

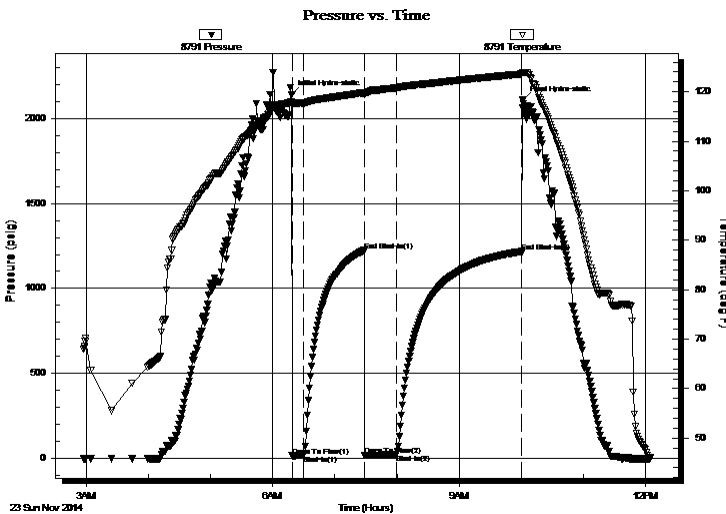
TEST COMMENT: 10 - IF: Blow built to 1/4"

60 - IS: No blow back

30 - FF: No blow

120 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2141.64	117.93	Initial Hydro-static
1	14.74	117.14	Open To Flow (1)
12	16.23	117.72	Shut-In(1)
71	1223.94	119.83	End Shut-In(1)
71	17.41	119.41	Open To Flow (2)
101	21.80	120.78	Shut-In(2)
222	1217.17	123.58	End Shut-In(2)
224	2108.07	123.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	Mud w/oil spots 99% _m , 1% _o	0.03

Gas Rates

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



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FLUID SUMMARY

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Denver, CO 80202

Fisher Cattle #1-34

Job Ticket: 60796

DST#: 1

ATTN: Dan Pritchard

Test Start: 2014.11.23 @ 02:57:00

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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 750.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
7.00	Mud w /oil spots 99% _m , 1% _o	0.034

Total Length: 7.00 ft Total Volume: 0.034 bbl

Num Fluid Samples: 0

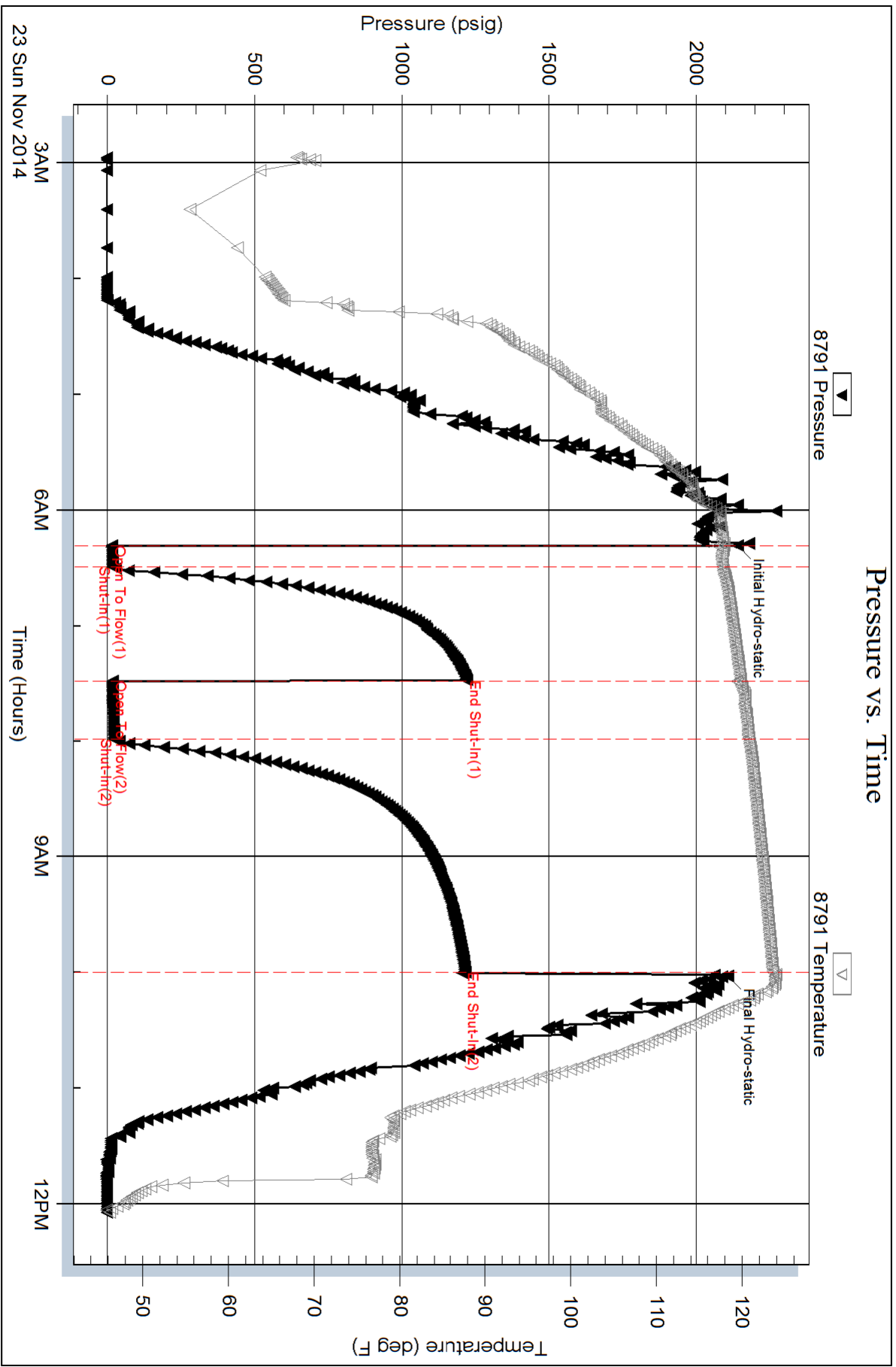
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

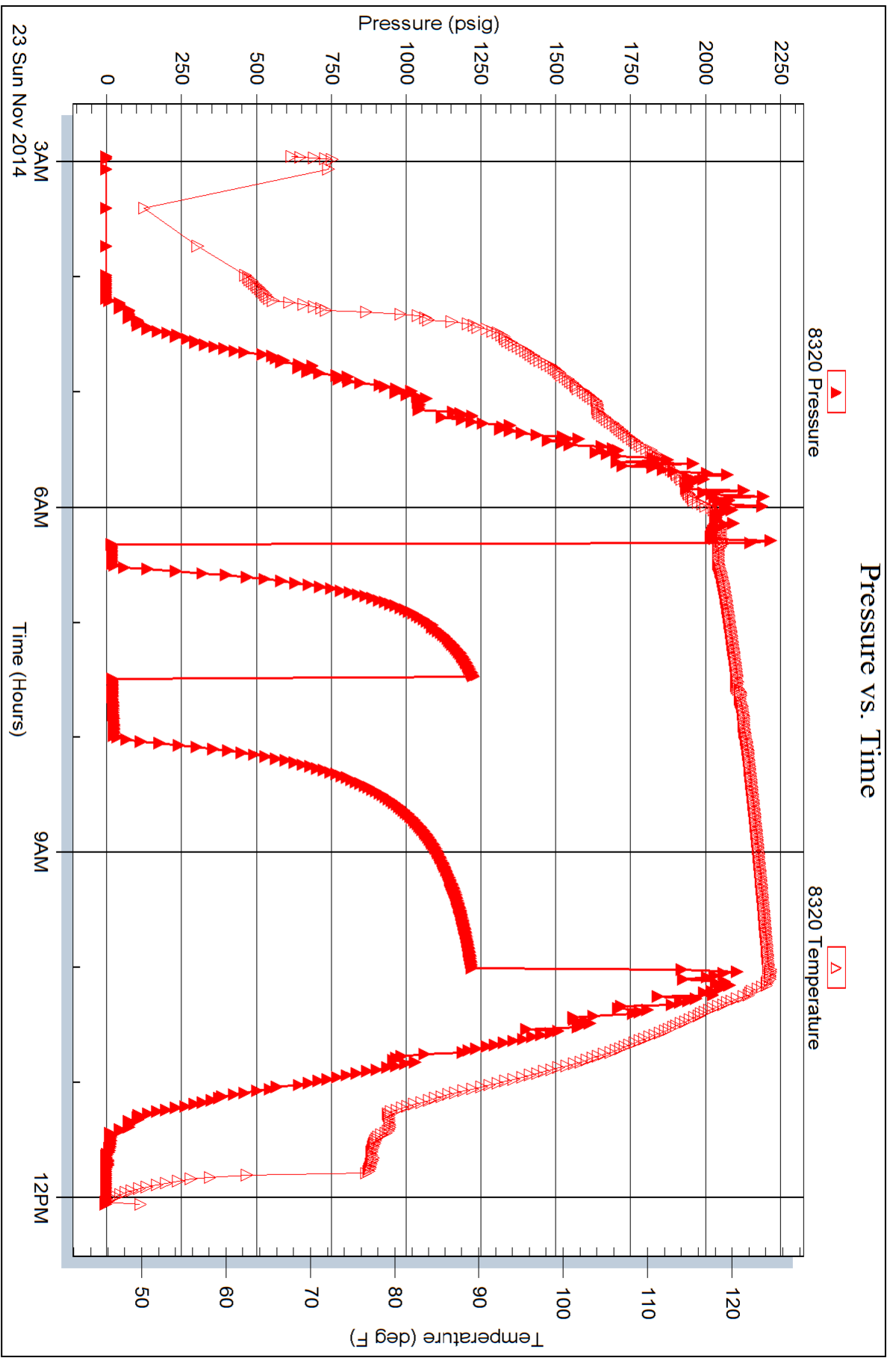


Serial #: 8320

Outside Samuel Gary Jr. & Associates, Inc.

Fisher Cattle #1-34

DST Test Number: 1



Serial #: 8366

Fluid

Samuel Gary Jr. & Associates, Inc.

Fisher Cattle #1-34

DST Test Number: 1

