



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

35/3s/36w Rawlins KS

1515 Wynkoop STE 700
Denver, CO 80202

Fisher Cattle #2-35

Job Ticket: 60068

DST#: 2

ATTN: Chris Mitchell

Test Start: 2014.09.06 @ 15:42:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:00:15

Time Test Ended: 23:02:30

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

Interval: 4117.00 ft (KB) To 4187.00 ft (KB) (TVD)

Reference Elevations: 3257.00 ft (KB)

Total Depth: 4187.00 ft (KB) (TVD)

3252.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 18.41 psig @ 4118.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.06

End Date:

2014.09.06

Last Calib.:

2014.09.06

Start Time:

15:42:05

End Time:

23:02:29

Time On Btm:

2014.09.06 @ 18:00:00

Time Off Btm:

2014.09.06 @ 20:43:45

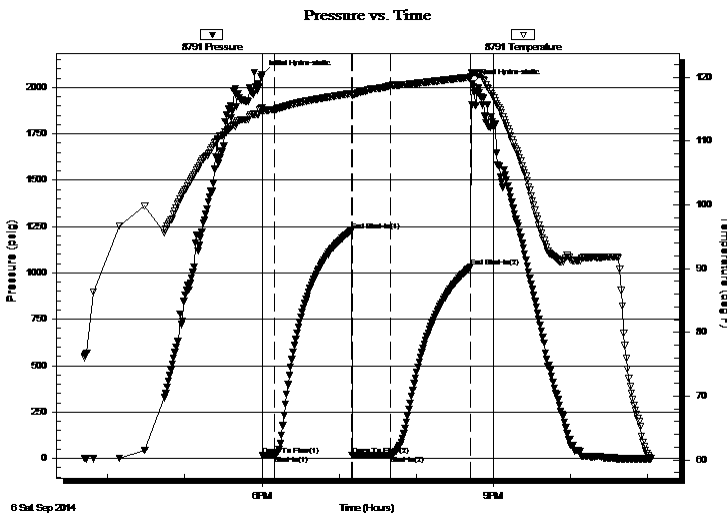
TEST COMMENT: 10 - IF: 1/8" Blow at open, built to just over 1/4"

60 - IS: No blow back

30 - FF: No blow

60 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2068.10	115.28	Initial Hydro-static
1	15.24	114.66	Open To Flow (1)
10	16.16	114.96	Shut-In(1)
70	1226.30	117.47	End Shut-In(1)
70	16.92	117.08	Open To Flow (2)
100	18.41	118.74	Shut-In(2)
163	1034.00	120.05	End Shut-In(2)
164	2019.81	120.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud 100%	0.03

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

35/3s/36w Rawlins KS

1515 Wynkoop STE 700
Denver, CO 80202

Fisher Cattle #2-35

Job Ticket: 60068

DST#: 2

ATTN: Chris Mitchell

Test Start: 2014.09.06 @ 15:42:00

GENERAL INFORMATION:

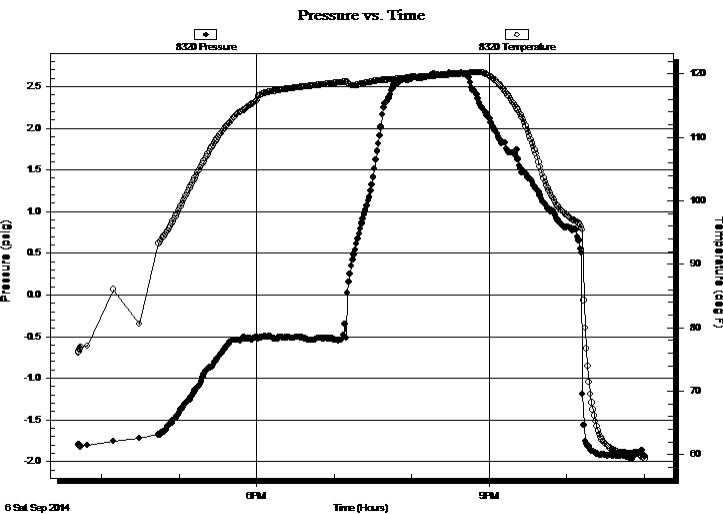
Formation: **LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:00:15
 Tester: James Winder
 Time Test Ended: 23:02:30
 Unit No: 57
Interval: 4117.00 ft (KB) To 4187.00 ft (KB) (TVD)
 Reference Elevations: 3257.00 ft (KB)
 Total Depth: 4187.00 ft (KB) (TVD)
 3252.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8320

Fluid

Press @ Run Depth: psig @ 4082.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2014.09.06
 End Date: 2014.09.06
 Last Calib.: 2014.09.06
 Start Time: 15:42:05
 End Time: 23:00:59
 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10 - IF: 1/8" Blow at open, built to just over 1/4"
 60 - IS: No blow back
 30 - FF: No blow
 60 - FS: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud 100%	0.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates

35/3s/36w Rawlins KS

1515 Wynkoop STE 700
Denver, CO 80202

Fisher Cattle #2-35

Job Ticket: 60068

DST#: 2

ATTN: Chris Mitchell

Test Start: 2014.09.06 @ 15:42:00

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	Mud 100%	0.030

Total Length: 6.00 ft Total Volume: 0.030 bbl

Num Fluid Samples: 0

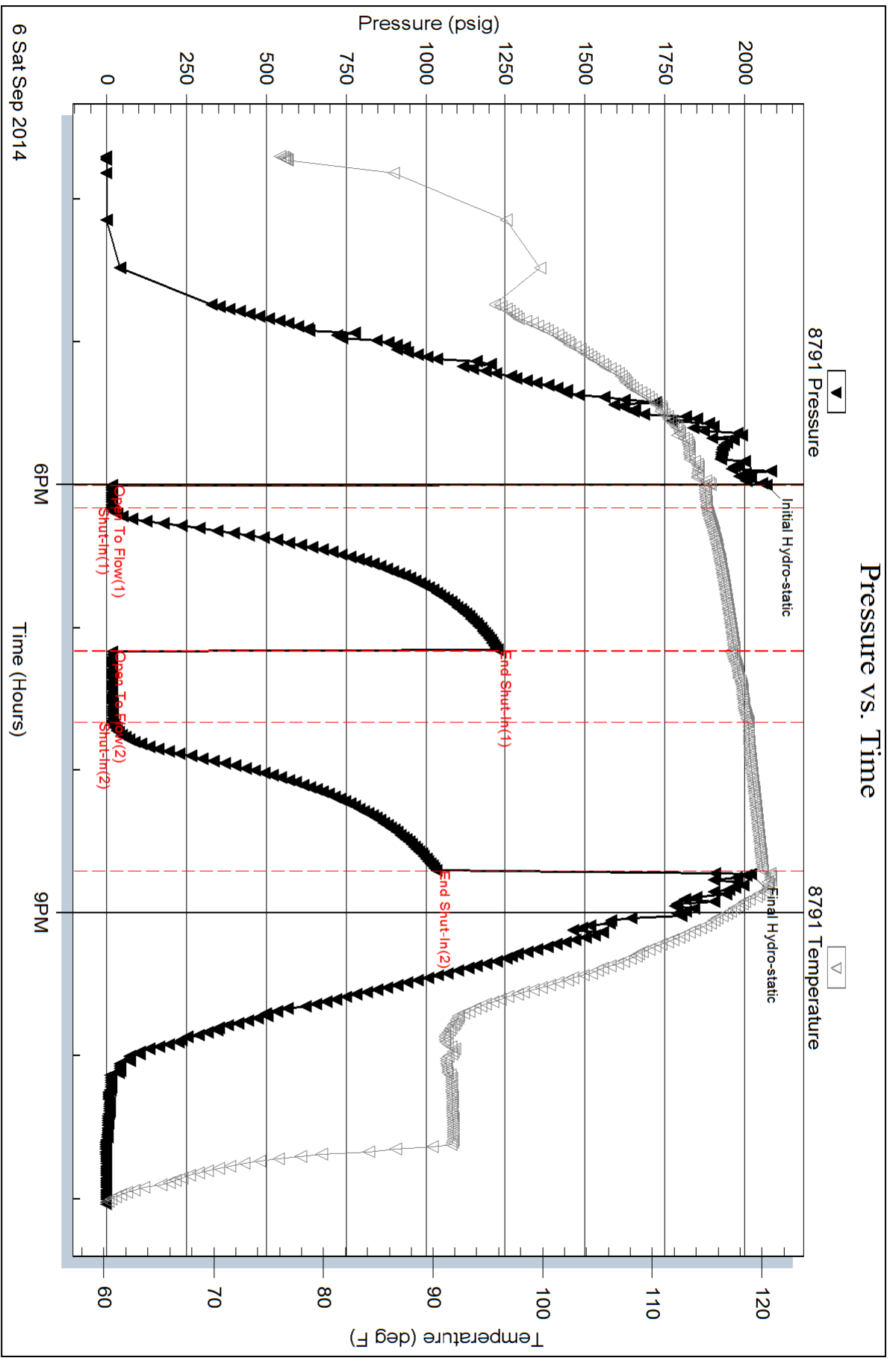
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler - 140 PSI, 2000 mL mud 100%



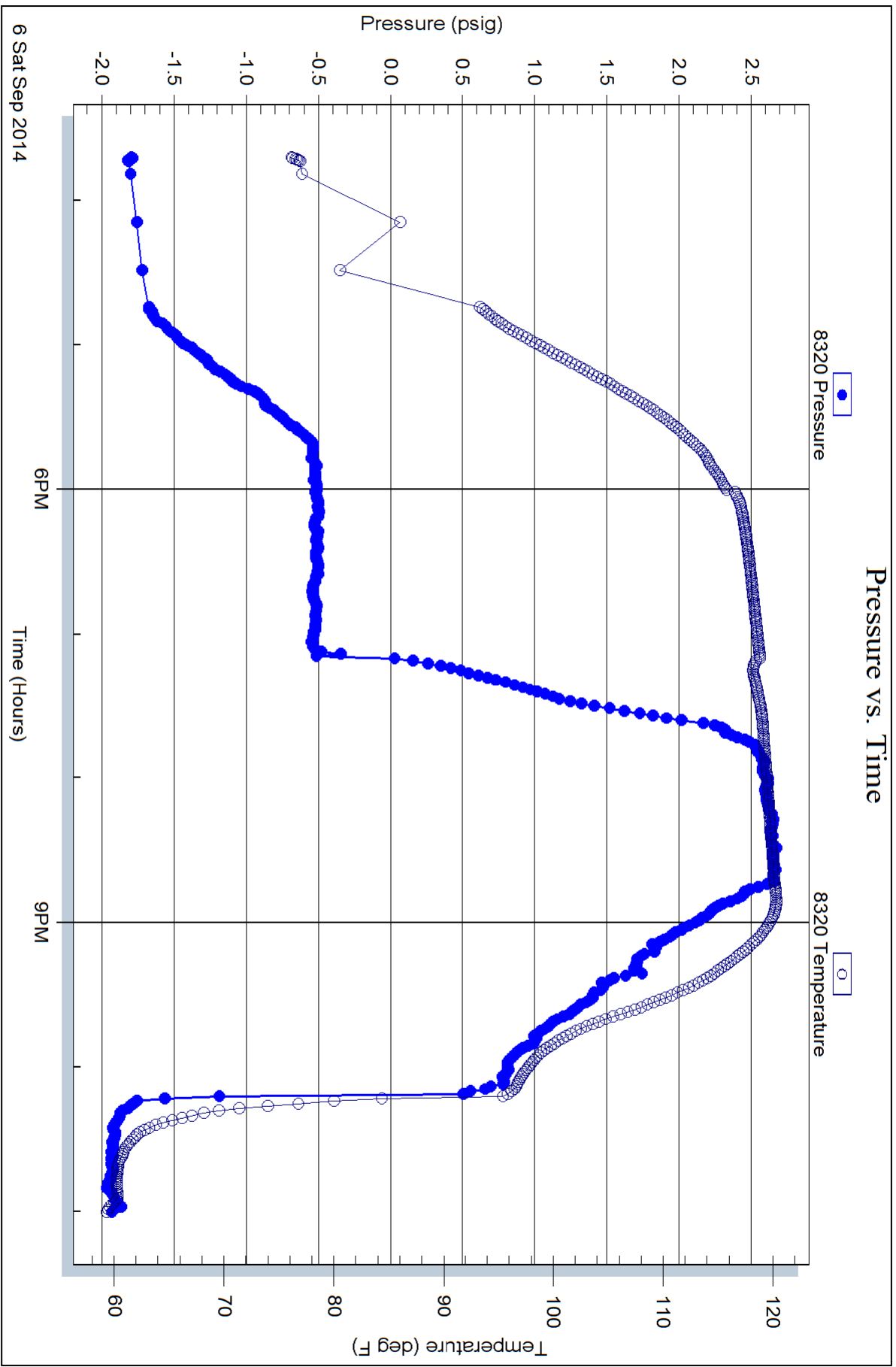
Serial #: 8320

Fluid

Samuel Gary Jr. & Associates

Fisher Cattle #2-35

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 60068

Printed: 2014.09.07 @ 00:09:07