



**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: 60797

**DST#: 2**

ATTN: Dan Pritchard

Test Start: 2014.11.23 @ 21:48:00

## GENERAL INFORMATION:

Formation: **LKC "B - D"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:43:00  
 Time Test Ended: 07:00:15  
 Interval: **4220.00 ft (KB) To 4260.00 ft (KB) (TVD)**  
 Total Depth: 4260.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: James Winder  
 Unit No: 57  
 Reference Elevations: 3309.00 ft (KB)  
 3304.00 ft (CF)  
 KB to GR/CF: 5.00 ft

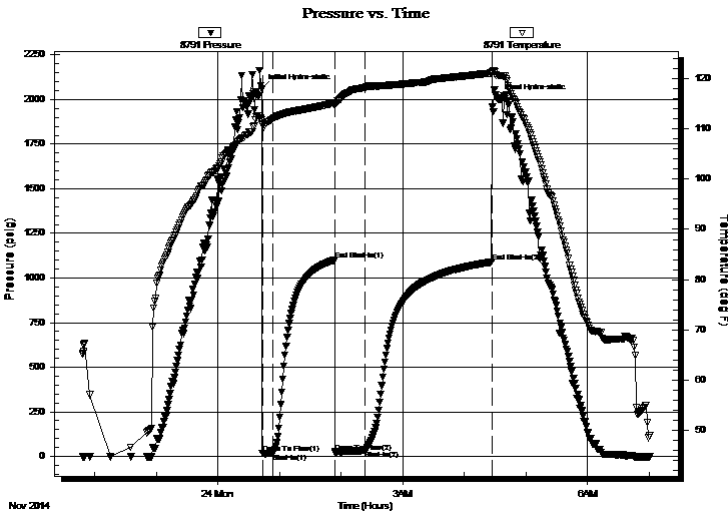
## Serial #: 8791

Inside

Press@RunDepth: 33.21 psig @ 4221.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.11.23 End Date: 2014.11.24 Last Calib.: 2014.11.24  
 Start Time: 21:48:05 End Time: 07:00:15 Time On Btm: 2014.11.24 @ 00:42:45  
 Time Off Btm: 2014.11.24 @ 04:32:30

TEST COMMENT: 10 - IF: 1/2" Blow at open, built to 1 1/2"  
 60 - ISI: No blow back  
 30 - FF: 1/8" Blow at open, built to 1 3/4"  
 120 - FSI: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2059.39	111.76	Initial Hydro-static
1	15.60	110.92	Open To Flow (1)
11	19.30	112.06	Shut-In(1)
71	1100.69	115.12	End Shut-In(1)
71	24.83	114.64	Open To Flow (2)
100	33.21	118.27	Shut-In(2)
224	1089.41	121.13	End Shut-In(2)
230	2003.07	120.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 70% m, 25% o, 5% g	0.12
0.00	GIP = 35'	0.00

\* Recovery from multiple tests

## Gas Rates

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





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**FLUID SUMMARY**

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**Fisher Cattle #1-34**

Job Ticket: 60797

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Test Start: 2014.11.23 @ 21:48:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 65.00 sec/qt  
Water Loss: 7.98 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1000.00 ppm  
Filter Cake: 1.00 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
25.00	OCM 70%m, 25%o, 5%g	0.123
0.00	GIP = 35'	0.000

Total Length: 25.00 ft      Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

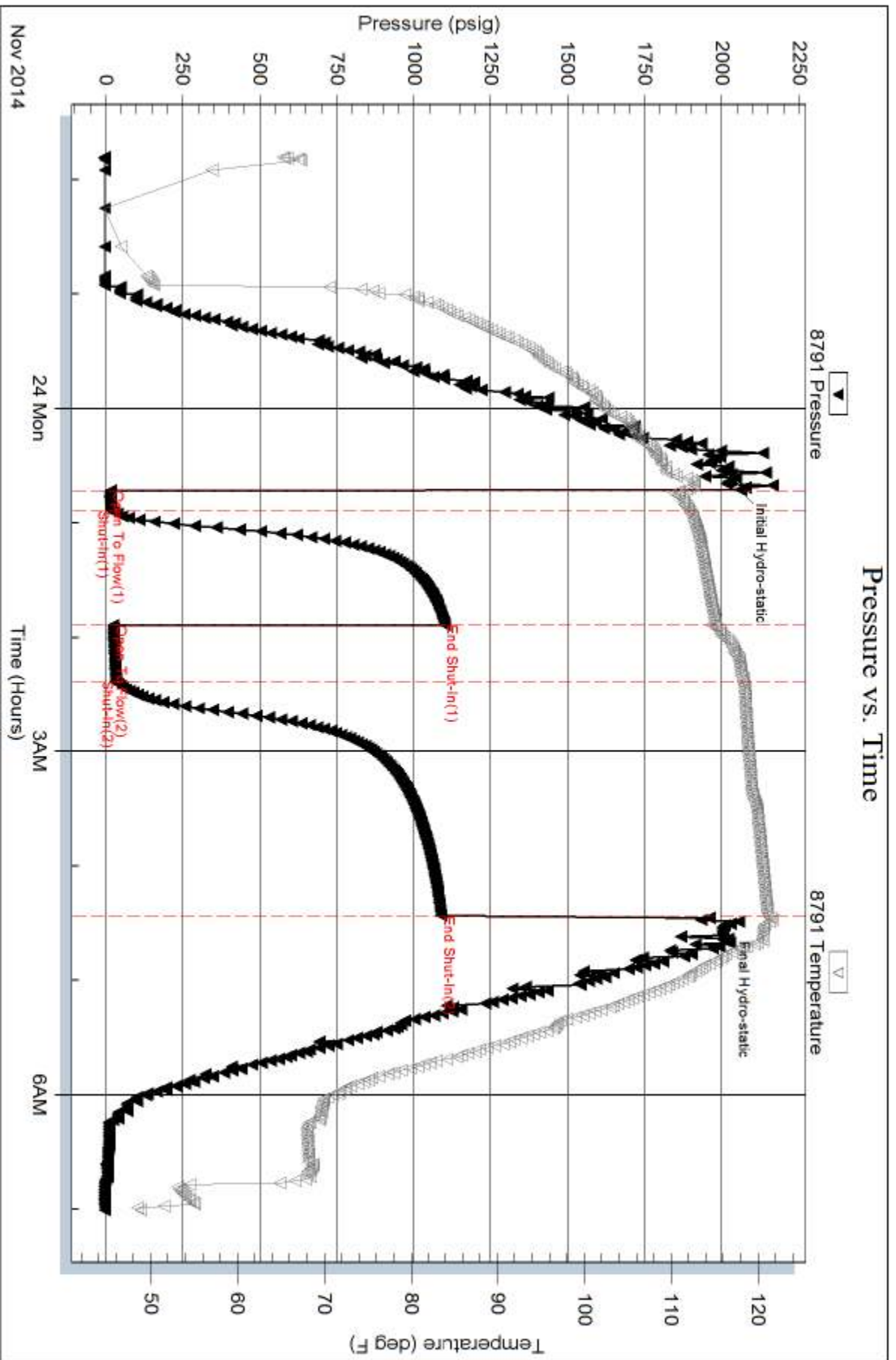
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



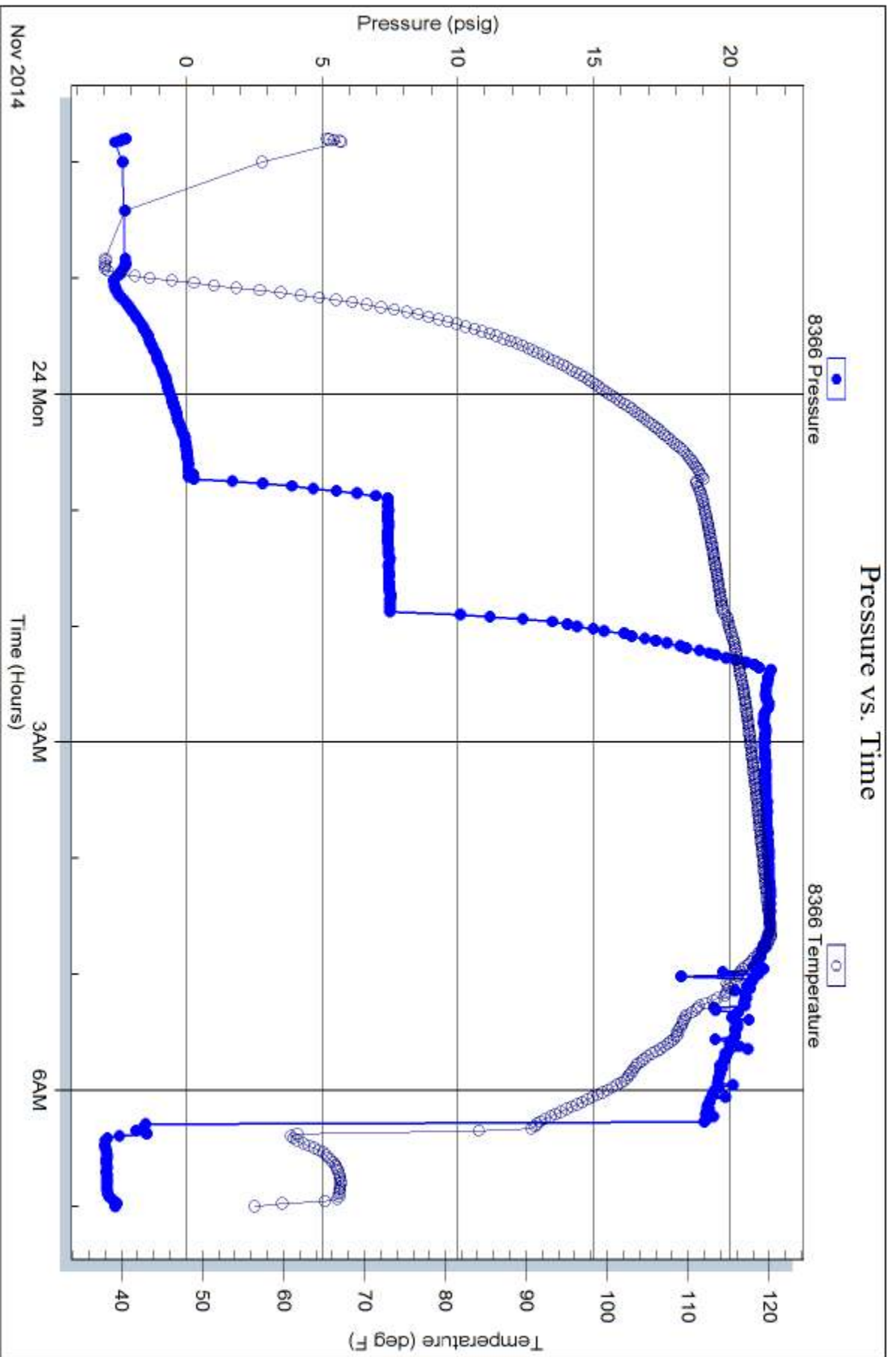
Serial #: 8366

Fluid

Samuel Gary Jr. & Associates, Inc.

Fisher Cattle #1-34

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 60797

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