



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

SGA  
1515 Wykoop  
STE 700  
Denver Co 80202  
ATTN: Chris Mitchel

**7-5S-35W Rawlins KS**

**Fisher #1-7**

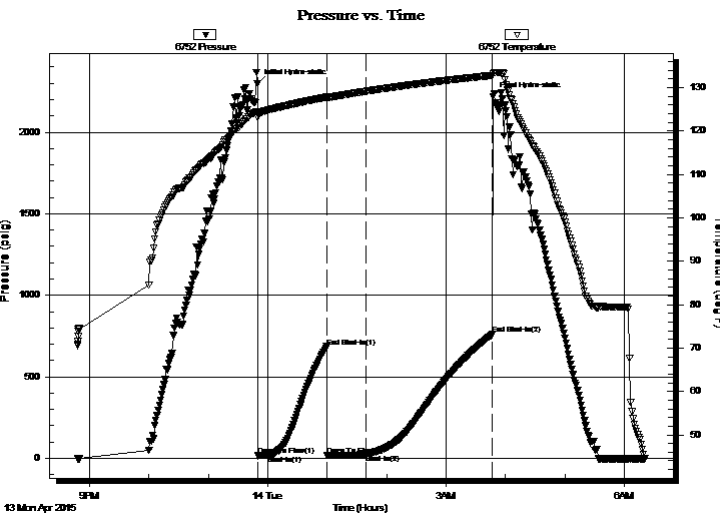
Job Ticket: 62319      **DST#: 1**  
Test Start: 2015.04.13 @ 20:48:00

## GENERAL INFORMATION:

Formation: **Pawnee**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 23:49:50  
Time Test Ended: 06:21:30  
Interval: **4486.00 ft (KB) To 4535.00 ft (KB) (TVD)**  
Total Depth: 4535.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Reference Elevations: 3236.00 ft (KB)  
3231.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 6752      Inside**  
Press@RunDepth: 26.98 psig @ 4487.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2015.04.13      End Date: 2015.04.14      Last Calib.: 2015.04.14  
Start Time: 20:48:01      End Time: 06:21:30      Time On Btm: 2015.04.13 @ 23:49:30  
Time Off Btm: 2015.04.14 @ 03:47:39

TEST COMMENT: 10 IF - 1/4" blow built to 1/2"  
60 ISI - No return  
30 FF - Surface blow died @ 5 mins  
120 FSI - No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2297.44	124.37	Initial Hydro-static
1	15.58	123.02	Open To Flow (1)
11	17.70	124.84	Shut-In(1)
70	684.75	127.82	End Shut-In(1)
70	17.30	127.39	Open To Flow (2)
110	26.98	129.17	Shut-In(2)
238	760.80	132.83	End Shut-In(2)
239	2219.90	133.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud w / oil spots	0.02

## Gas Rates

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



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Job Ticket: 62319

**DST#: 1**

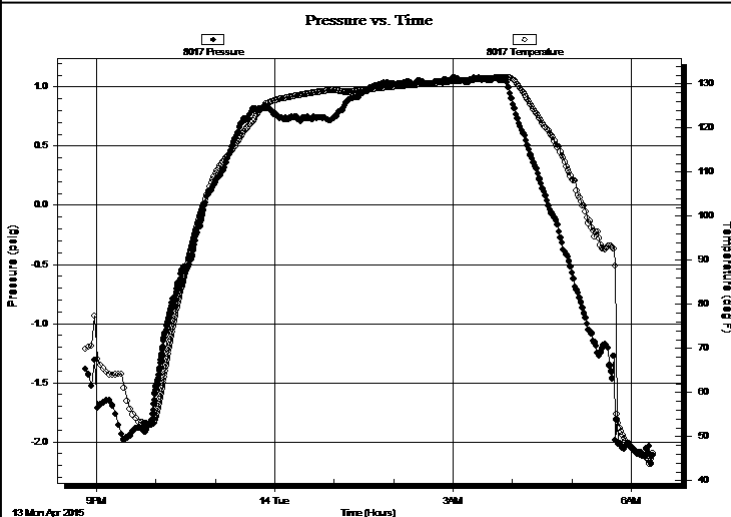
Test Start: 2015.04.13 @ 20:48:00

## GENERAL INFORMATION:

Formation: **Pawnee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:49:50  
 Time Test Ended: 06:21:30  
 Interval: **4486.00 ft (KB) To 4535.00 ft (KB) (TVD)**  
 Total Depth: 4535.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ryan Nichols  
 Unit No: 78  
 Reference Elevations: 3236.00 ft (KB)  
 3231.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8017 Fluid**  
 Press@RunDepth: psig @ 4455.00 ft (KB)  
 Capacity: 8000.00 psig  
 Start Date: 2015.04.13 End Date: 2015.04.14 Last Calib.: 2015.04.14  
 Start Time: 20:49:00 End Time: 06:21:30 Time On Btm:  
 Time Off Btm:

TEST COMMENT: 10 IF - 1/4" blow built to 1/2"  
 60 ISI - No return  
 30 FF - Surface blow died @ 5 mins  
 120 FSI - No return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud w / oil spots	0.02

## Gas Rates

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



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

SGA

**7-5S-35W Rawlins KS**

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Job Ticket: 62319

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## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 69.00 sec/qt

Water Loss: 6.00 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	Mud w / oil spots	0.020

Total Length: 4.00 ft      Total Volume: 0.020 bbl

Num Fluid Samples: 0

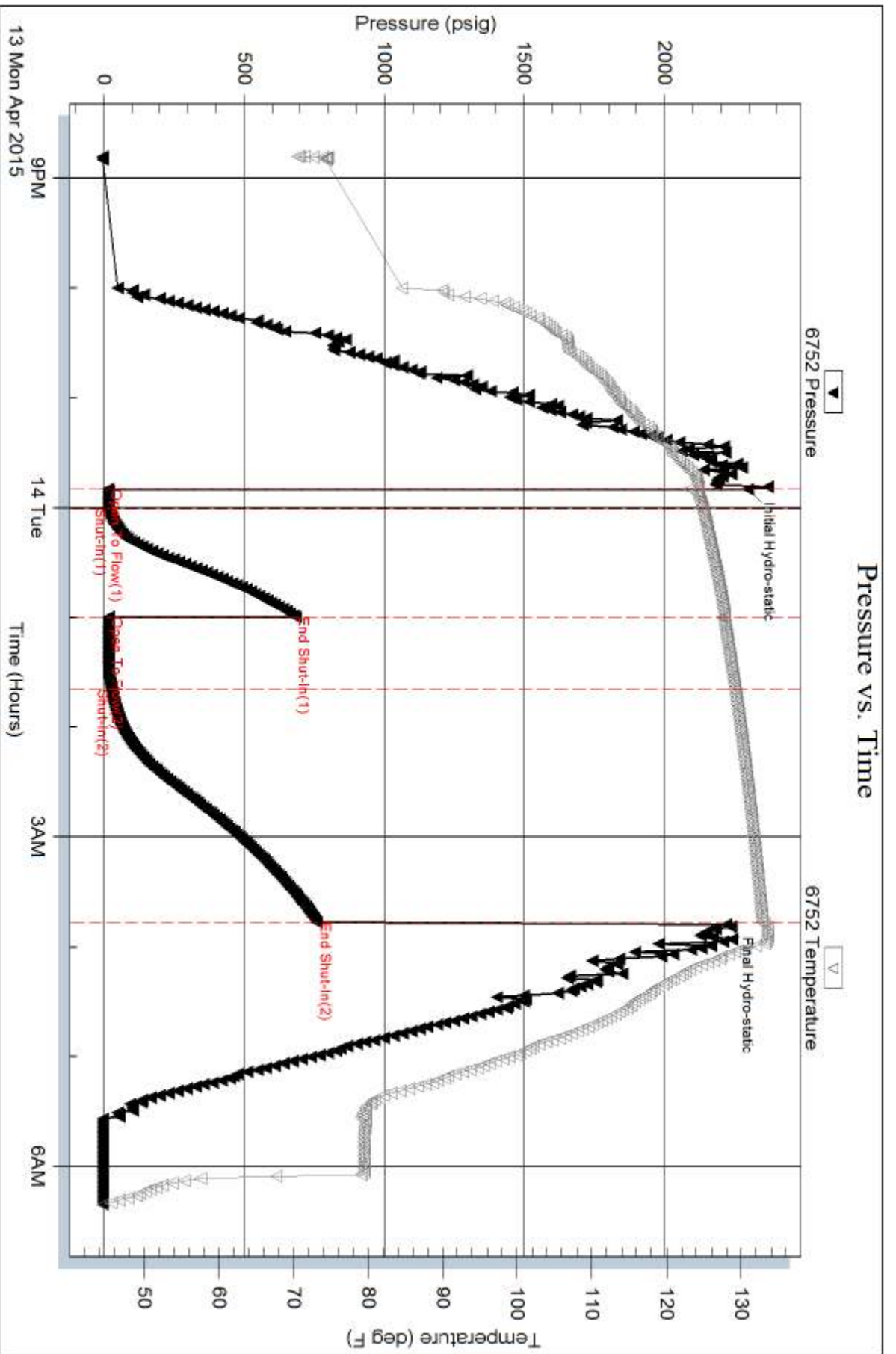
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8017

Fluid SGA

Fisher #1-7

DST Test Number: 1

