



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates  
 1515 Wynkoop  
 ATTN: Clayton Camozzi

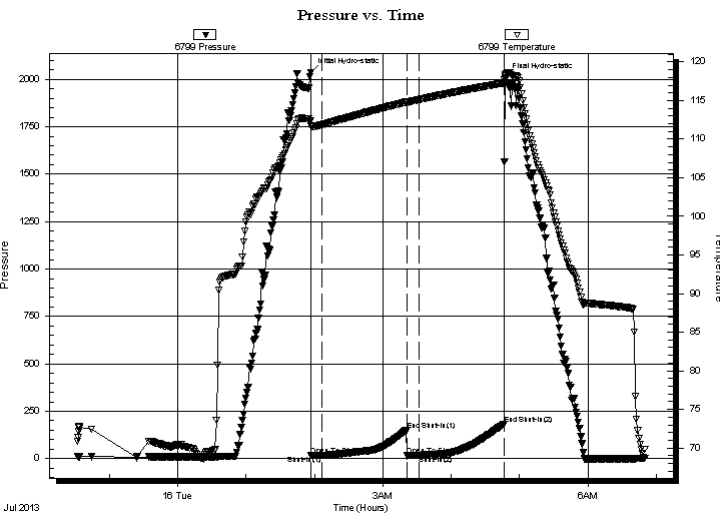
**34-12S-23W Trego, KS**  
**Fabrizius Et Al 1-34**  
 Job Ticket: 53928 **DST#: 3**  
 Test Start: 2013.07.15 @ 22:32:00

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:57:00  
 Time Test Ended: 06:50:30  
 Interval: **4070.00 ft (KB) To 4110.00 ft (KB) (TVD)**  
 Total Depth: 4110.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Cody/Brannan  
 Unit No: 53  
 Reference Elevations: 2339.00 ft (KB)  
 2331.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6799 Inside**  
 Press@RunDepth: 17.44 psig @ 4071.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.07.15 End Date: 2013.07.16 Last Calib.: 2013.07.16  
 Start Time: 22:32:05 End Time: 06:50:29 Time On Btm: 2013.07.16 @ 01:56:45  
 Time Off Btm: 2013.07.16 @ 04:47:15

TEST COMMENT: 10- IF- 1/4" blow  
 75- IS- No blow  
 10- FF- No blow  
 75- FS- No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2036.90	112.38	Initial Hydro-static
1	17.79	111.77	Open To Flow (1)
10	17.18	111.88	Shut-In(1)
85	150.92	114.83	End Shut-In(1)
85	15.39	114.80	Open To Flow (2)
95	17.44	115.10	Shut-In(2)
170	182.83	117.29	End Shut-In(2)
171	2007.70	118.22	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud with show of oil	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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## 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: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud with show of oil	0.005

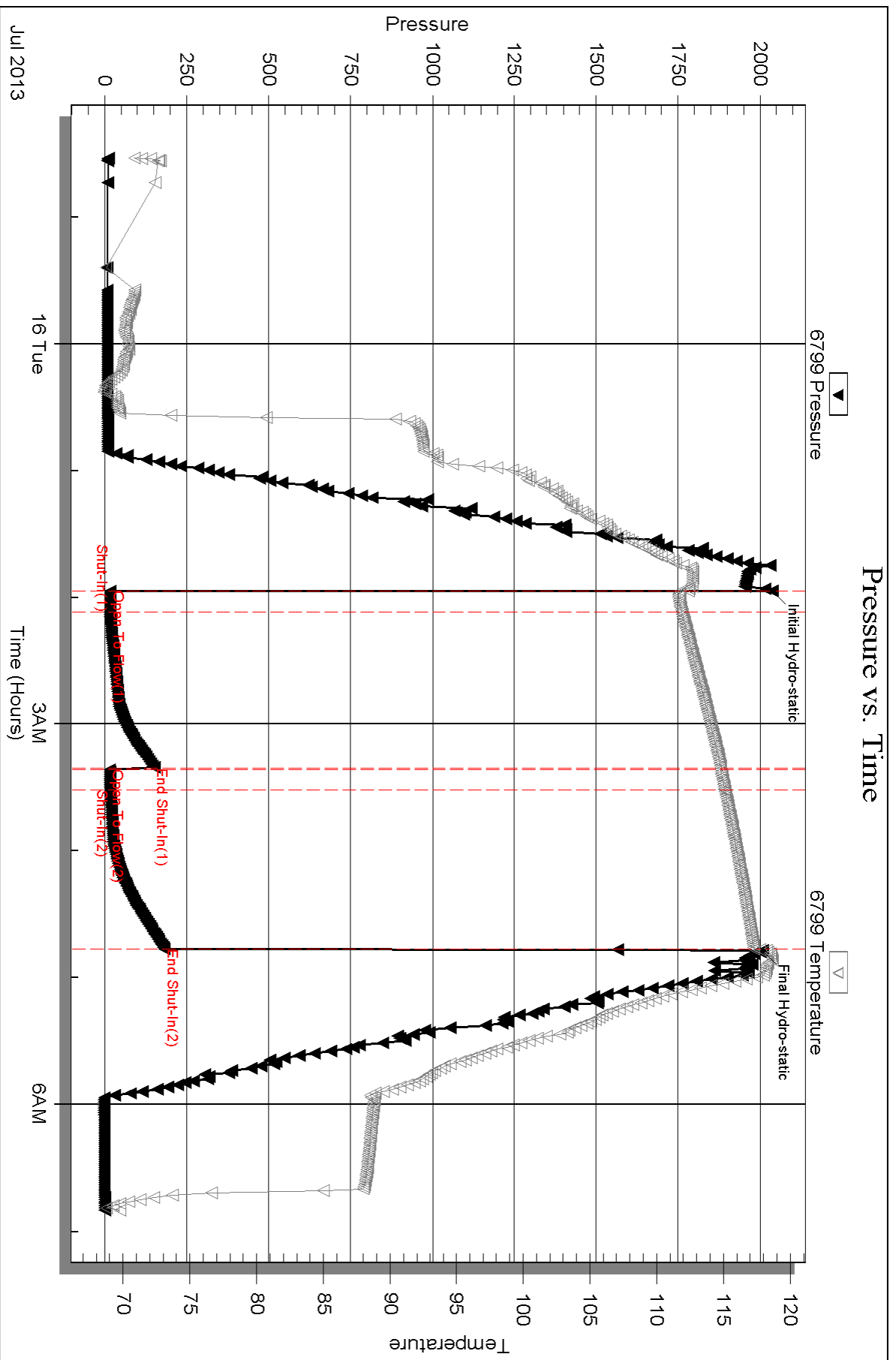
Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: Sampler- Full of mud with no pressure

### Pressure vs. Time



Serial #: 8655

Fluid

Samuel Gary Jr. & Associates

Fabrizius B AI 1-34

DST Test Number: 3

