



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Castelli Exploration Inc.  
6908 N.W. 112th St.  
Oklahoma City Ok.73162  
ATTN: Rick Popp

**5-25s-16w Edwards Ks.**

**Julian #4-5**

Job Ticket: 52368

**DST#: 3**

Test Start: 2013.10.29 @ 15:10:15

## GENERAL INFORMATION:

Formation: **Viola**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:21:00  
 Time Test Ended: 22:16:00  
 Interval: **4380.00 ft (KB) To 4440.00 ft (KB) (TVD)**  
 Total Depth: 4510.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Gary Pevoteaux  
 Unit No: 56  
 Reference Elevations: 2090.00 ft (KB)  
 2082.00 ft (CF)  
 KB to GR/CF: 8.00 ft

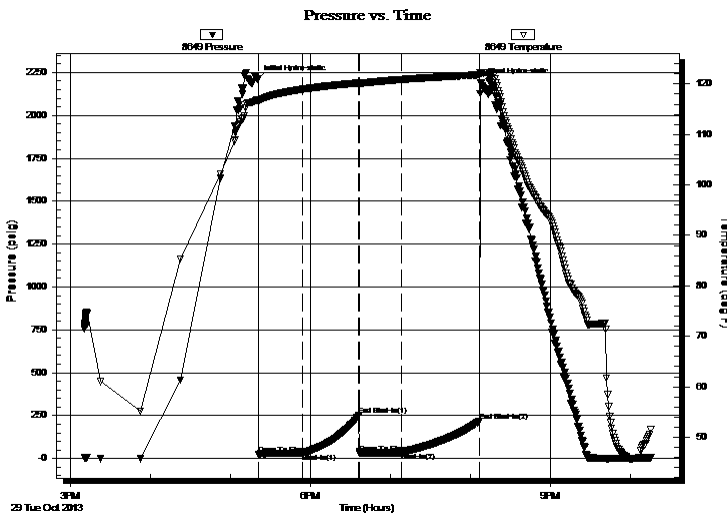
**Serial #: 8649**

**Inside**

Press @ Run Depth: 35.32 psig @ 4381.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.29 End Date: 2013.10.29 Last Calib.: 2013.10.29  
 Start Time: 15:10:16 End Time: 22:16:00 Time On Btm: 2013.10.29 @ 17:19:45  
 Time Off Btm: 2013.10.29 @ 20:08:15

**TEST COMMENT:** IF:Weak blow . Increase to 4 1/2".  
 IS:No blow .  
 FF:Weak blow . 1/2 - 2 1/2".  
 FS:No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2210.42	116.82	Initial Hydro-static
2	25.89	116.38	Open To Flow (1)
34	33.29	118.96	Shut-In(1)
77	250.67	120.22	End Shut-In(1)
77	29.76	120.14	Open To Flow (2)
109	35.32	120.89	Shut-In(2)
167	218.18	121.82	End Shut-In(2)
169	2188.00	122.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	60 ft. of GIP	0.00
30.00	Mud w a few o specs	0.42

## Gas Rates

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

\* Recovery from multiple tests







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**FLUID SUMMARY**

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Job Ticket: 52368

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Test Start: 2013.10.29 @ 15:10:15

## 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:

6200 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	60 ft. of GIP	0.000
30.00	Mud w a few o specs	0.421

Total Length: 30.00 ft      Total Volume: 0.421 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

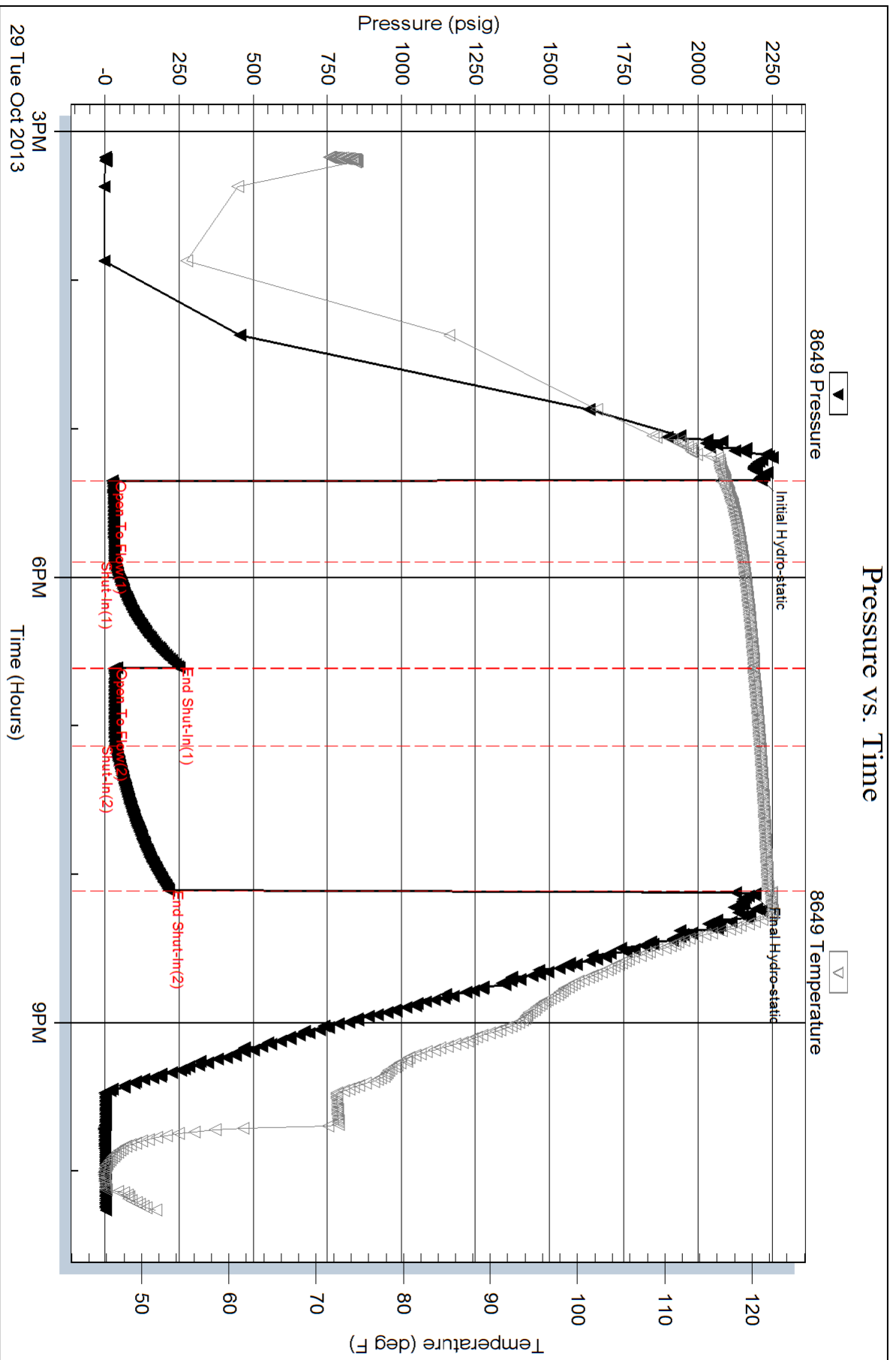
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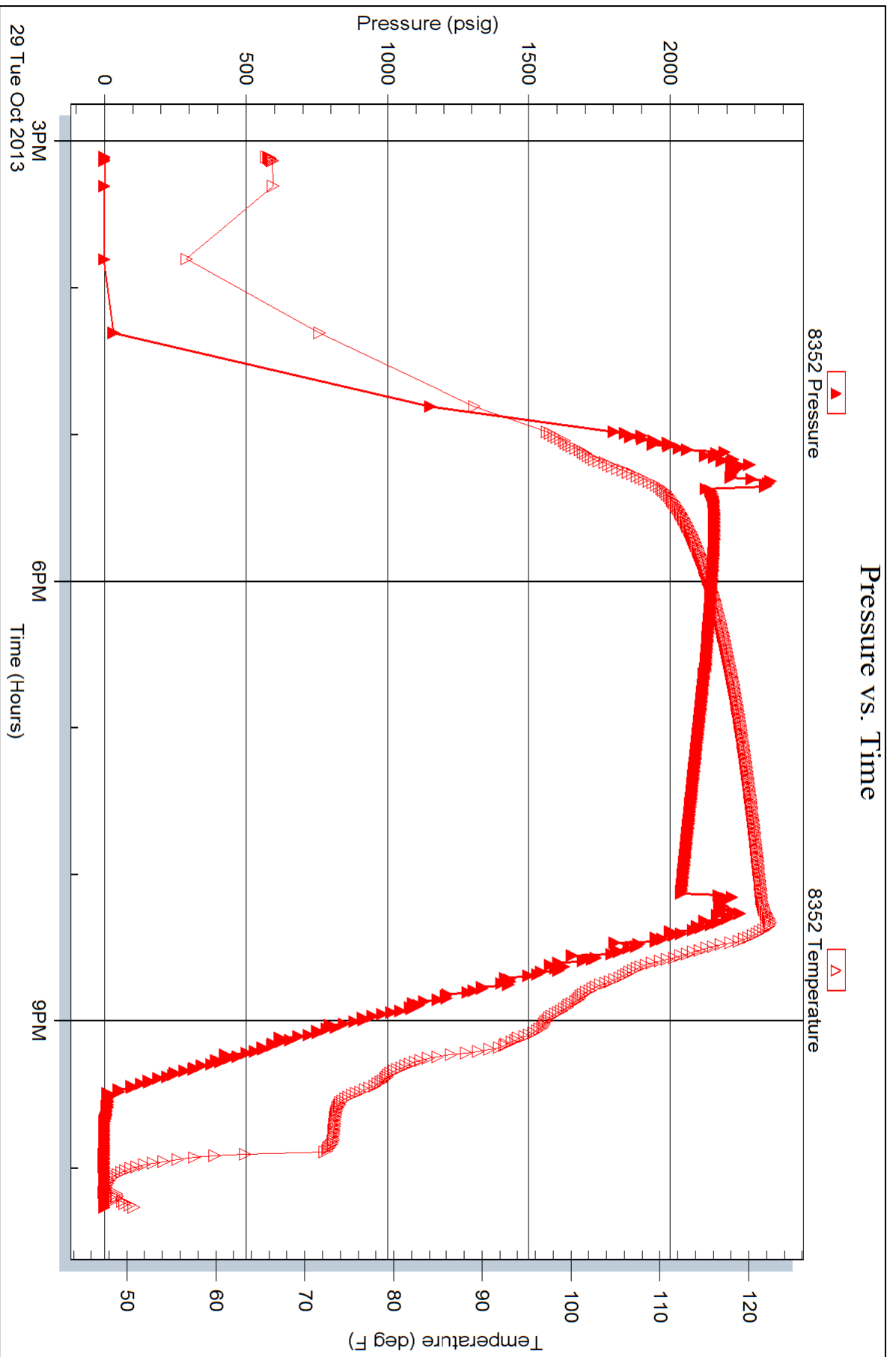
Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time





Serial #: 8370

Outside Castelll Exploration Inc.

Julian #4-5

DST Test Number: 3

