



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Hutchinson Oil

**20-22-11 Stafford Co**

Po Box 521  
Derby KS 67037

**V&V #1**

Job Ticket: **DST#: 3**

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.28 @ 19:34:46

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:54:31  
 Time Test Ended: 03:54:16  
 Interval: **3573.00 ft (KB) To 3617.00 ft (KB) (TVD)**  
 Total Depth: 3617.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chris Staats  
 Unit No: 47  
 Reference Elevations: 1838.00 ft (KB)  
 1829.00 ft (CF)  
 KB to GR/CF: 9.00 ft

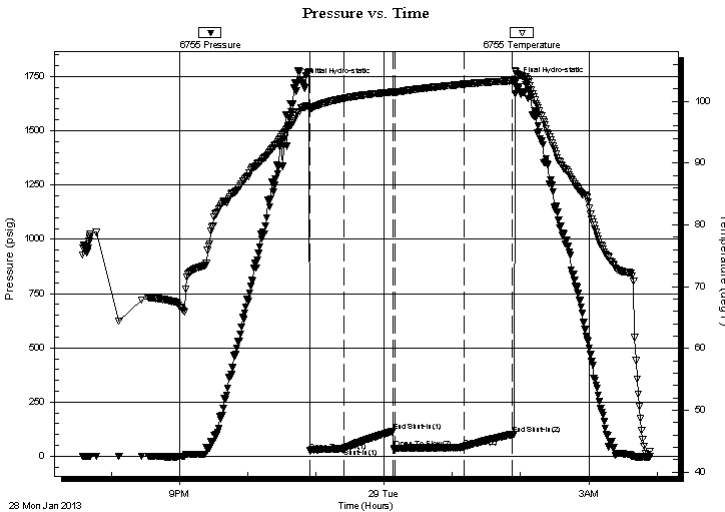
## Serial #: 6755

Inside

Press @ RunDepth: 43.52 psig @ 3574.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.01.28 End Date: 2013.01.29 Last Calib.: 2013.01.29  
 Start Time: 19:34:51 End Time: 03:54:15 Time On Btm: 2013.01.28 @ 22:47:31  
 Time Off Btm: 2013.01.29 @ 01:56:01

TEST COMMENT: IF: Strong blow BOB 28 min  
 IS: No blow back  
 FF: Strong blow BOB 8 min  
 FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1720.47	98.97	Initial Hydro-static
7	25.45	98.65	Open To Flow (1)
37	35.71	100.46	Shut-In(1)
80	115.14	101.48	End Shut-In(1)
82	35.26	101.46	Open To Flow (2)
143	43.52	102.76	Shut-In(2)
185	100.88	103.33	End Shut-In(2)
189	1725.49	104.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	370 GIP	0.00
50.00	MUD w ith oil spots	0.25

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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Job Ticket:

**DST#: 3**

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.28 @ 19:34:46

## 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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	370 GIP	0.000
50.00	MUD with oil spots	0.246

Total Length: 50.00 ft      Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

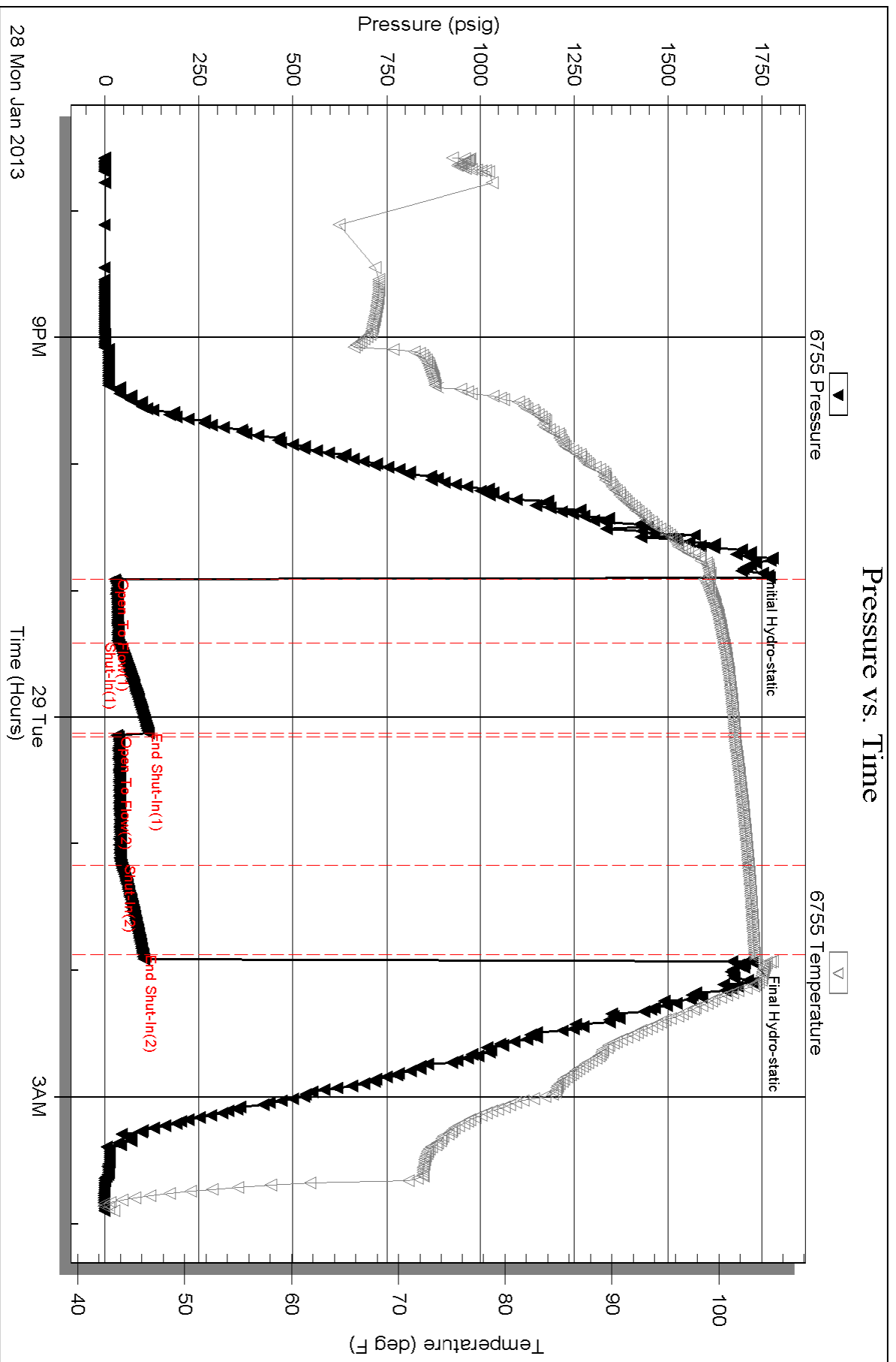
Inside

Hutchinson Oil

V&V #1

DST Test Number: 3

# Pressure vs. Time



Triobite Testing, Inc

Ref. No:

Printed: 2013.01.29 @ 06:31:50