



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hutchinson Oil
Po Box 521
Derby KS 67037
ATTN: Steve Hutchinson/ Je

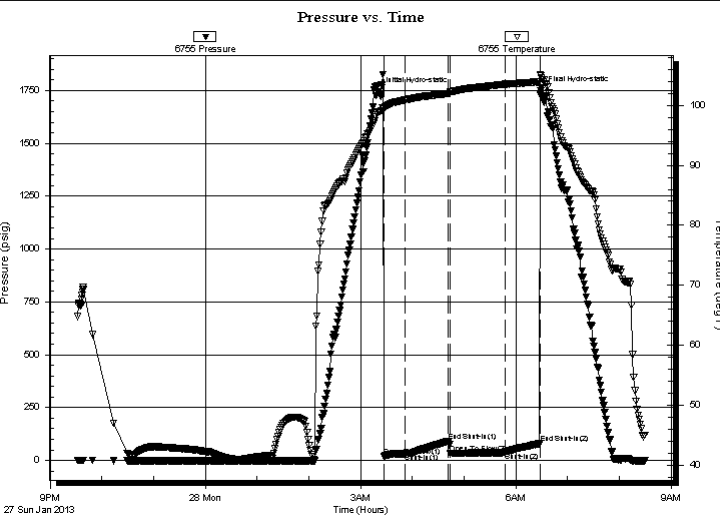
20-22-11 Stafford Co
V&V #1
Job Ticket: 50926 **DST#: 2**
Test Start: 2013.01.27 @ 21:31:45

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:26:45
Time Test Ended: 08:29:30
Interval: **3536.00 ft (KB) To 3575.00 ft (KB) (TVD)**
Total Depth: 3575.00 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: 40.33 psig @ 3537.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.01.27 End Date: 2013.01.28 Last Calib.: 2013.01.28
Start Time: 21:31:50 End Time: 08:29:30 Time On Btm: 2013.01.28 @ 03:20:30
Time Off Btm: 2013.01.28 @ 06:28:45

TEST COMMENT: IF: Strong blow BOB 25 min
ISI: No blow back
FF: Strong blow 8"
FSI: No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1745.47	98.86	Initial Hydro-static
7	20.95	99.44	Open To Flow (1)
31	31.77	100.89	Shut-In(1)
82	90.35	101.97	End Shut-In(1)
84	34.66	102.21	Open To Flow (2)
147	40.33	103.53	Shut-In(2)
187	79.58	103.92	End Shut-In(2)
189	1750.94	104.93	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	370' GIP	0.00
50.00	MUD with oil spots in tool	0.25

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 50926

DST#: 2

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.27 @ 21:31:45

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	370' GIP	0.000
50.00	MUD w ith oil spots in tool	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:

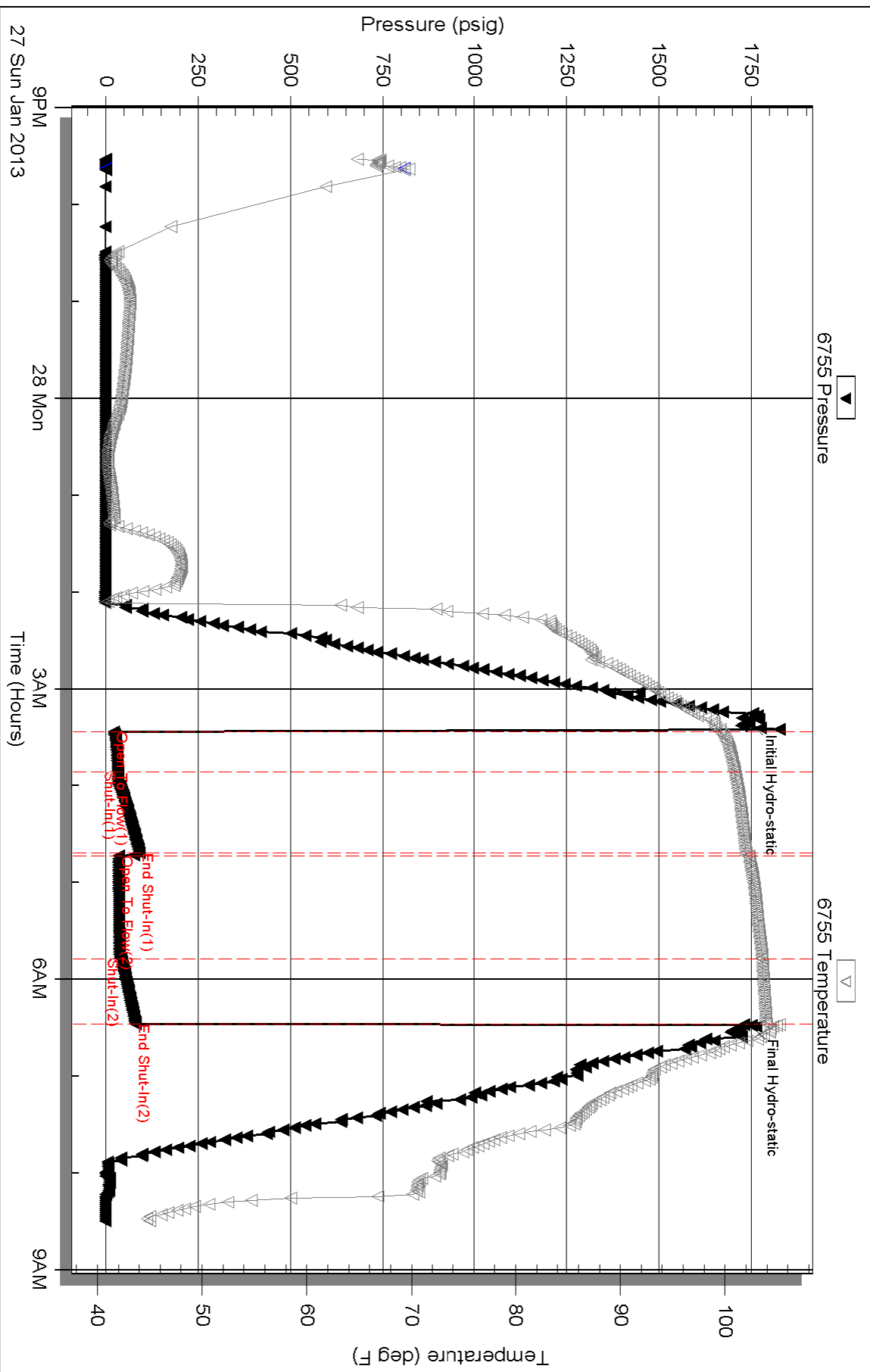
Serial #: 6755

Inside Hutchinson Oil

V&V #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50926

Printed: 2013.01.28 @ 09:14:43