



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Falcon Exp.  
125 N Market Wichita Ks 67202-1719  
ATTN: Keith R

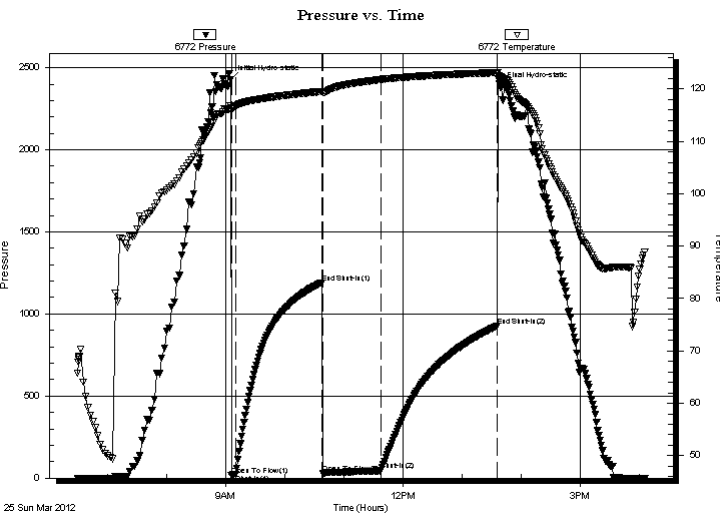
**35/27/31**  
**Martha G 1-35**  
Job Ticket: 41253      **DST#: 2**  
Test Start: 2012.03.25 @ 06:30:00

## GENERAL INFORMATION:

Formation: **Cherokee**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 09:06:00  
Time Test Ended: 16:05:15  
Interval: **4932.00 ft (KB) To 4974.00 ft (KB) (TVD)**  
Total Depth: 4974.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Harley Davidson  
Unit No: 58  
Reference Elevations: 2850.00 ft (KB)  
2839.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 6772      Outside**  
Press @ Run Depth: 47.61 psig @ 4934.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.03.25      End Date: 2012.03.25      Last Calib.: 2012.03.25  
Start Time: 06:30:05      End Time: 16:05:15      Time On Btm: 2012.03.25 @ 09:05:00  
Time Off Btm: 2012.03.25 @ 13:38:45

**TEST COMMENT:** IF- Strong blow BOB 3min.  
IS- No blow back.  
FF- Strong blow BOB 3min.  
FS- No blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2425.95	116.82	Initial Hydro-static
1	18.96	116.34	Open To Flow (1)
6	23.21	116.74	Shut-In(1)
93	1190.63	119.51	End Shut-In(1)
94	27.74	119.24	Open To Flow (2)
153	47.61	121.78	Shut-In(2)
270	925.92	123.10	End Shut-In(2)
274	2382.50	122.26	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	2000' GIP	0.00
60.00	100% mud	0.30

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





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## FLUID SUMMARY

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### Mud and Cushion Information

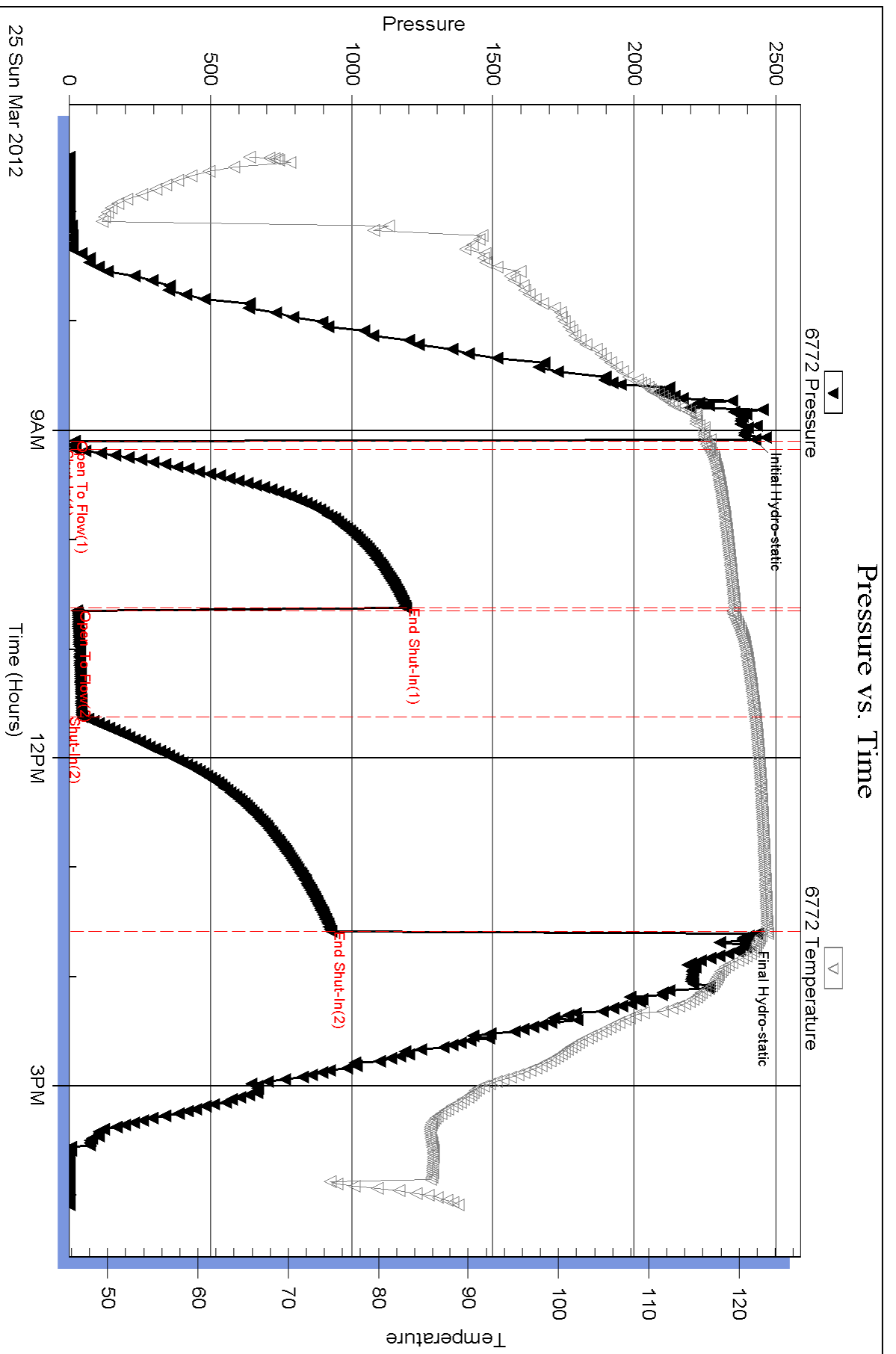
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2000' GIP	0.000
60.00	100% mud	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:



Serial #: 8355

Inside

Falcon Exp.

Martha G-1-35

DST Test Number: 2

