



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Woolsey Operating Co  
125 N Market Ste 1000  
Wichita, KS 67202  
ATTN: Scott Alberg

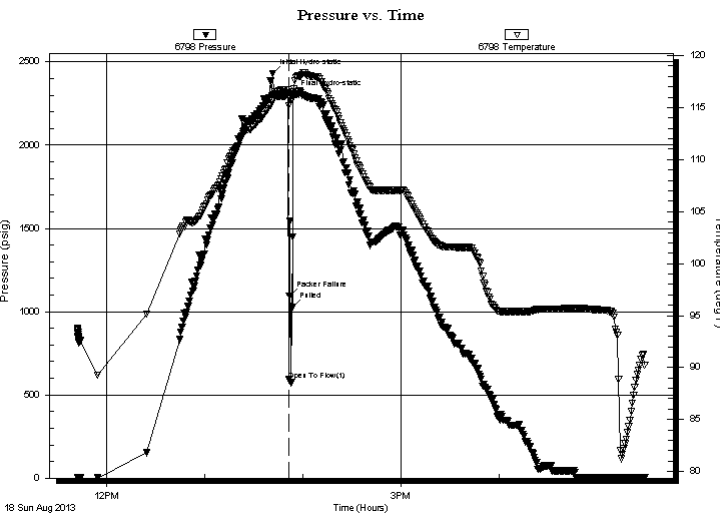
**25-34S-13W Barber**  
**Hardtner Homes 1**  
Job Ticket: 52388      **DST#: 1**  
Test Start: 2013.08.18 @ 11:42:32

## GENERAL INFORMATION:

Formation: **Cherokee-Mississippi**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 13:51:32  
Time Test Ended: 17:29:32  
Interval: **4737.00 ft (KB) To 4850.00 ft (KB) (TVD)**  
Total Depth: 4850.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Leal Cason  
Unit No: 45  
Reference Elevations: 1497.00 ft (KB)  
1485.00 ft (CF)  
KB to GR/CF: 12.00 ft

**Serial #: 6798      Inside**  
Press @ Run Depth:      psig @ 4738.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.08.18      End Date: 2013.08.18      Last Calib.: 2013.08.18  
Start Time: 11:42:33      End Time: 17:29:32      Time On Btm: 2013.08.18 @ 13:41:47  
Time Off Btm: 2013.08.18 @ 13:54:17

TEST COMMENT: IF: Packer Failure, ( After Sliding 10-12 Feet) Tried to reset, Pulled Tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2432.20	115.69	Initial Hydro-static
10	591.44	115.20	Open To Flow (1)
11	1096.66	115.80	Packer Failure
13	1027.10	116.07	Pulled
13	2302.87	116.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1500.00	Drig Mud	19.92

## Gas Rates

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



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**FLUID SUMMARY**

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**Hardtner Homes 1**  
Job Ticket: 52388      **DST#: 1**  
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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: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: 0.02 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1500.00	Drig Mud	19.921

Total Length: 1500.00 ft      Total Volume: 19.921 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 6798

Inside

Woodsey Operating Co

Hardner Homes 1

DST Test Number: 1

# Pressure vs. Time

