



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Jones Oil, LLC.  
 112 N. Gray St.  
 St. John, KS 67576-1923  
 ATTN: Keaton Jones

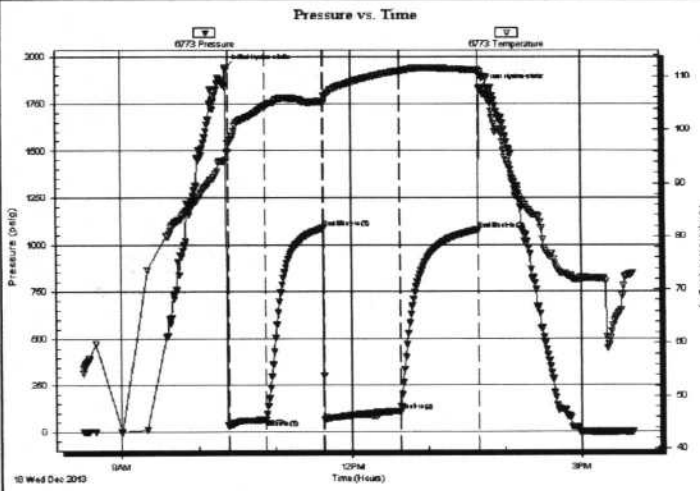
**2-24s-14w Stafford Co., KS**  
**Bookstore 3**  
 Job Ticket: 51831      **DST#: 3**  
 Test Start: 2013.12.18 @ 08:30:08

## GENERAL INFORMATION:

Formation: **Lansing H-I**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 10:24:08  
 Time Test Ended: 15:40:08  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ryan Reynolds  
 Unit No: 48  
 Interval: **3742.00 ft (KB) To 3776.00 ft (KB) (TVD)**  
 Total Depth: 3776.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Reference Elevations: 1963.00 ft (KB)  
 1958.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6773      Inside**  
 Press@RunDepth: 111.96 psig @ 3743.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2013.12.18      End Date: 2013.12.18      Last Calib.: 2013.12.18  
 Start Time: 08:30:08      End Time: 15:40:08      Time On Btm: 2013.12.18 @ 10:21:53  
 Time Off Btm: 2013.12.18 @ 13:41:08

TEST COMMENT: IF: Strong blow . BOB @ 1 1/2min. No GTS.  
 IS: Weak 1/4" BB  
 FF: Strong blow . BOB immed. No GTS.  
 FS: Good 6" BB, GTS on BB



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1941.74	94.05	Initial Hydro-static
3	30.81	97.36	Open To Flow (1)
31	64.82	104.50	Shut-In(1)
77	1087.61	105.30	End Shut-In(1)
78	62.60	106.18	Open To Flow (2)
136	111.96	111.03	Shut-In(2)
198	1079.29	111.19	End Shut-In(2)
200	1834.94	110.81	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OGMCW 4%oil, 10%gas, 23%mud, 63%w0.30	
120.00	MCOGW 7%mud, 25%gas, 25%oil, 43%v1.16	
90.00	WOGM 20%w tr, 25%oil, 27%mud, 28%g1.26	

## Gas Rates

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

\* Recovery from multiple tests