



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Herman L. Loeb, LLC.  
 P.O. Box 838  
 Lawrenceville, IL 62439  
 ATTN: Jon Christensen

**5-35s-12w Barber Co.**  
**School Trust 22-5**  
 Job Ticket: 51875 **DST#: 1**  
 Test Start: 2014.02.12 @ 23:56:25

## GENERAL INFORMATION:

Formation: **Stalnaker SS**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 02:38:10  
 Time Test Ended: 08:07:10  
 Interval: **4178.00 ft (KB) To 4194.00 ft (KB) (TVD)**  
 Total Depth: 4194.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ryan Reynolds  
 Unit No: 48  
 Reference Elevations: 1477.00 ft (KB)  
 1468.00 ft (CF)  
 KB to GR/CF: 9.00 ft

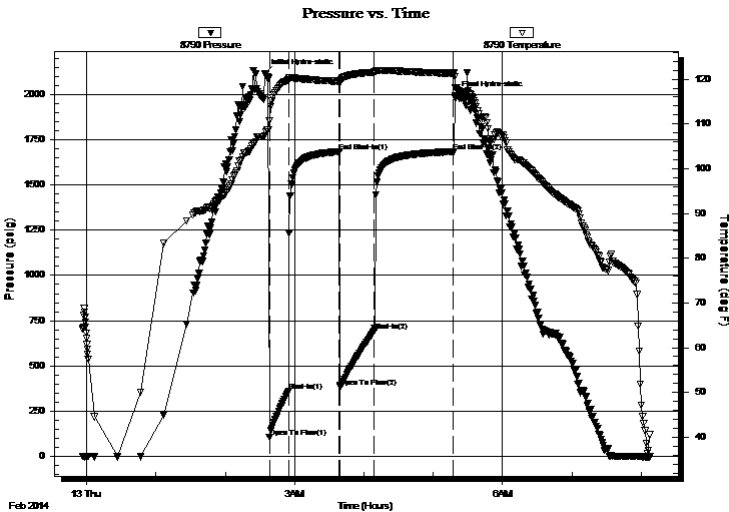
## Serial #: 8790

Inside

Press@RunDepth: 691.72 psig @ 4179.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.02.12 End Date: 2014.02.13 Last Calib.: 2014.02.13  
 Start Time: 23:56:30 End Time: 08:07:09 Time On Btm: 2014.02.13 @ 02:34:10  
 Time Off Btm: 2014.02.13 @ 05:18:40

TEST COMMENT: IF: Strong blow . BOB @ 1min. No GTS.  
 IS: Good blow . 1/2" - 10"  
 FF: Strong blow . BOB @ 30sec. No GTS.  
 FS: Strong blow . BOB @ 15min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2114.85	107.32	Initial Hydro-static
4	103.75	110.78	Open To Flow (1)
21	361.93	119.88	Shut-In(1)
65	1684.78	119.57	End Shut-In(1)
66	385.17	119.25	Open To Flow (2)
95	691.72	121.56	Shut-In(2)
164	1684.04	121.33	End Shut-In(2)
165	1995.47	120.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1400.00	GCW 5%gas, 95%w tr	17.65
0.00	830' GIP	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m <sup>3</sup> /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:	87000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1400.00	GCW 5%gas, 95%w tr	17.652
0.00	830' GIP	0.000

Total Length: 1400.00 ft      Total Volume: 17.652 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

