



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Herman L Loeb LLC  
 Po Box 838  
 Law renceville IL 62439  
 ATTN: George Payne/ Jim Ha

**26-32-14 Barber Co**  
**Hinz #3-26**  
 Job Ticket: 52441 **DST#: 2**  
 Test Start: 2013.10.20 @ 01:17:20

## GENERAL INFORMATION:

Formation: **Missippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:54:50  
 Time Test Ended: 09:29:20  
 Interval: **4685.00 ft (KB) To 4712.00 ft (KB) (TVD)**  
 Total Depth: 4712.00 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: 1927.00 ft (KB)  
 1918.00 ft (CF)  
 KB to GR/CF: 9.00 ft

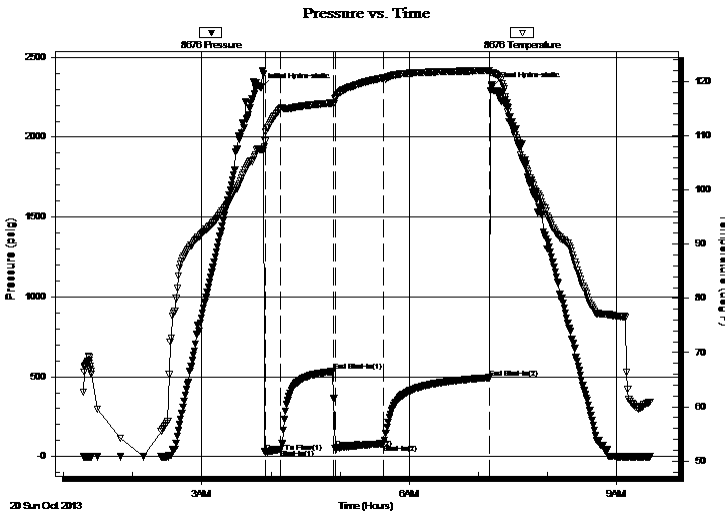
## Serial #: 8676

**Outside**

Press @ RunDepth: 80.32 psig @ 4686.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.20 End Date: 2013.10.20 Last Calib.: 2013.10.20  
 Start Time: 01:17:25 End Time: 09:29:19 Time On Btm: 2013.10.20 @ 03:51:35  
 Time Off Btm: 2013.10.20 @ 07:11:50

**TEST COMMENT:** IF: Strong blow BOB 2 min  
 IS: No blow back  
 FF: Strong blow BOB 2 sec  
 FS: weak blow back 2"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.39	107.41	Initial Hydro-static
4	27.74	109.01	Open To Flow (1)
17	46.61	114.93	Shut-In(1)
63	533.89	116.05	End Shut-In(1)
65	50.47	116.97	Open To Flow (2)
107	80.32	120.69	Shut-In(2)
198	494.43	122.03	End Shut-In(2)
201	2316.65	121.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1615 GIP	0.00
95.00	G,W,M 20%gas 20%water 60%mud	0.47
120.00	G,M,W 5%gas 25%mud 75%water	0.68

\* Recovery from multiple tests

## 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: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	22000 ppm
Viscosity: 66.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.02 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1615 GIP	0.000
95.00	G,W,M 20%gas 20%water 60%mud	0.467
120.00	G,M,W 5%gas 25%mud 75%water	0.681

Total Length: 215.00 ft      Total Volume: 1.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

