



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**26-32-14 Barber Co**  
**Hinz #3-26**  
 Job Ticket: 52440 **DST#: 1**  
 Test Start: 2013.10.19 @ 05:15:37

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:52:52  
 Time Test Ended: 14:47:37  
 Interval: **4615.00 ft (KB) To 4672.00 ft (KB) (TVD)**  
 Total Depth: 4672.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Chris Staats  
 Unit No: #47  
 Reference Elevations: 1927.00 ft (KB)  
 1918.00 ft (CF)  
 KB to GR/CF: 9.00 ft

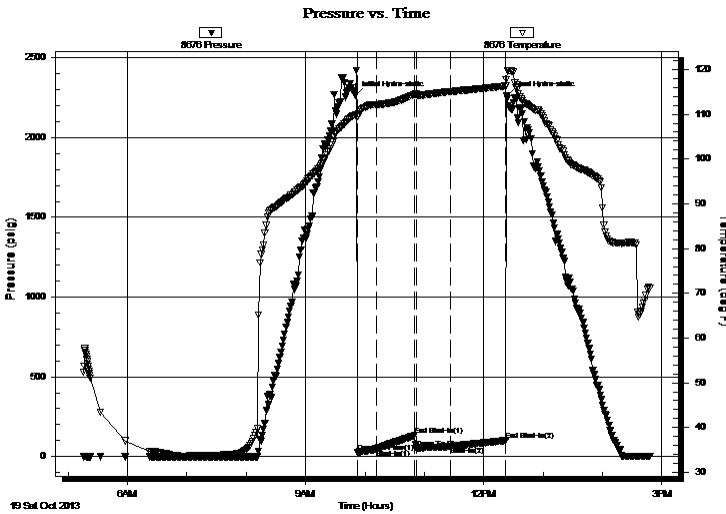
## Serial #: 8676

Outside

Press @ Run Depth: 64.07 psig @ 4616.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.19 End Date: 2013.10.19 Last Calib.: 2013.10.19  
 Start Time: 05:15:42 End Time: 14:47:37 Time On Btm: 2013.10.19 @ 09:50:07  
 Time Off Btm: 2013.10.19 @ 12:23:37

TEST COMMENT: IF: Weak blow 1 3/4"  
 IS: No blow back  
 FF: Weak blow 1"  
 FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.80	109.79	Initial Hydro-static
3	25.24	109.63	Open To Flow (1)
21	47.90	112.16	Shut-In(1)
61	132.07	114.43	End Shut-In(1)
62	53.41	114.40	Open To Flow (2)
97	64.07	115.07	Shut-In(2)
152	100.56	116.27	End Shut-In(2)
154	2264.49	119.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	W,M 1% water 99% mud	0.34

## Gas Rates

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



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## FLUID SUMMARY

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**Hinz #3-26**

Job Ticket: 52440

**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: 42.00 sec/qt

Cushion Volume: bbl

Water Loss: 10.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	W,M 1%water 99% mud	0.344

Total Length: 70.00 ft      Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

