



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Woolsey Oper. Co. LLC.  
 125 N. Market Ste. 1000  
 Wichita, KS 67202-1729  
 ATTN: Joel Gearhart

**12-35s-12w Barber Co., KS**  
**Sternberger B-2**  
 Job Ticket: 59907 **DST#: 1**  
 Test Start: 2014.09.10 @ 20:43:14

## GENERAL INFORMATION:

Formation: **Miss.**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 23:04:59  
 Time Test Ended: 05:59:29  
 Interval: **4760.00 ft (KB) To 4859.00 ft (KB) (TVD)**  
 Total Depth: 4859.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ryan Reynolds  
 Unit No: 68  
 Reference Elevations: 1364.00 ft (KB)  
 1352.00 ft (CF)  
 KB to GR/CF: 12.00 ft

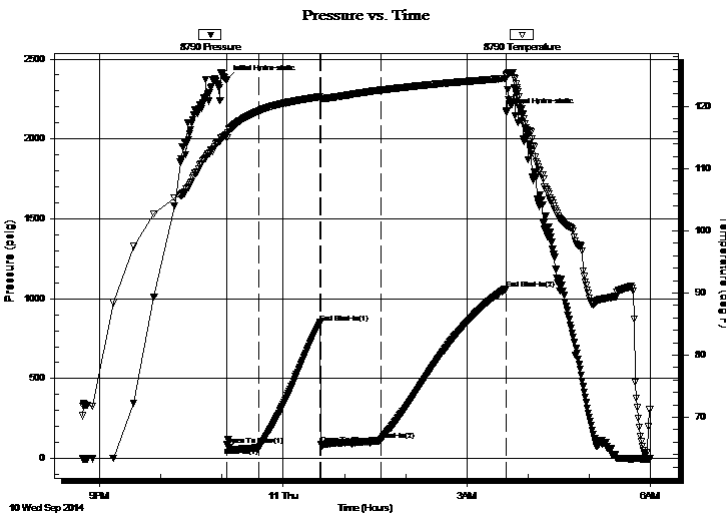
## Serial #: 8790

Inside

Press@RunDepth: 112.87 psig @ 4766.50 ft (KB)  
 Start Date: 2014.09.10 End Date: 2014.09.11  
 Start Time: 20:43:19 End Time: 05:59:29  
 Capacity: 8000.00 psig  
 Last Calib.: 2014.09.11  
 Time On Btm: 2014.09.10 @ 23:03:59  
 Time Off Btm: 2014.09.11 @ 03:38:29

TEST COMMENT: IF: Strong blow . BOB @ 8min.  
 IS: No blow  
 FF: Fair blow . 2" - 7"  
 FS: No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2368.64	115.36	Initial Hydro-static
1	85.91	114.97	Open To Flow (1)
33	68.07	119.29	Shut-In(1)
93	850.38	121.58	End Shut-In(1)
93	88.92	121.23	Open To Flow (2)
152	112.87	122.62	Shut-In(2)
274	1062.54	124.53	End Shut-In(2)
275	2167.25	124.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
200.00	VSLI OCGM trc%o, 10%g, 89%m	0.98
0.00	250' GIP	0.00

## Gas Rates

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



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Job Ticket: 59907

**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:

4000 ppm

Viscosity: 74.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.07 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
200.00	VSLI OCGM trc%o, 10%g, 89%m	0.984
0.00	250' GIP	0.000

Total Length: 200.00 ft      Total Volume: 0.984 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8790

Inside

Woodsey Oper. Co. LLC.

Semberger B-2

DST Test Number: 1

