



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Double D's LLC  
 133 E 12th  
 Hays KS, 67601  
 ATTN: AI

**25-13s-20w-Ellis KS**

**Cody Younger #2**

Job Ticket: 54844

**DST#: 1**

Test Start: 2013.10.27 @ 19:23:32

## GENERAL INFORMATION:

Formation: **Lansing D-E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:05:42

Time Test Ended: 01:44:32

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 49

Interval: **3522.00 ft (KB) To 3560.00 ft (KB) (TVD)**

Reference Elevations: 2192.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2186.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

**Serial #: 8898**

**Outside**

Press @ Run Depth: 123.12 psig @ 3524.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.27

End Date:

2013.10.28

Last Calib.:

2013.10.28

Start Time: 19:23:33

End Time:

01:44:32

Time On Btm:

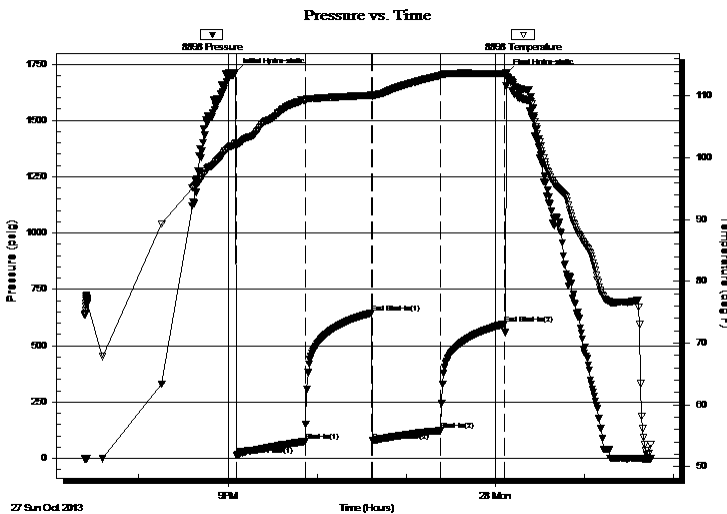
2013.10.27 @ 21:05:22

Time Off Btm:

2013.10.28 @ 00:07:32

**TEST COMMENT:** B.O.B. In 30 mins.  
 Dead no blow back  
 Strong blow built to 8 in.  
 Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.72	102.35	Initial Hydro-static
1	14.64	101.74	Open To Flow (1)
47	75.55	109.32	Shut-In(1)
92	645.09	110.12	End Shut-In(1)
92	78.27	109.92	Open To Flow (2)
138	123.12	113.30	Shut-In(2)
181	596.90	113.62	End Shut-In(2)
183	1707.83	113.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	60%W 40%M	0.42
180.00	95%W 5%M	2.52

## Gas Rates

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



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## FLUID SUMMARY

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**Cody Younger #2**

Job Ticket: 54844

**DST#: 1**

ATTN: AI

Test Start: 2013.10.27 @ 19:23:32

### 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: 52000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 2900.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	60%W 40%M	0.421
180.00	95%W 5%M	2.525

Total Length: 210.00 ft      Total Volume: 2.946 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8898

Outside Double Ds LLC

Cody Younger #2

DST Test Number: 1

