



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Strata Exploration

**1-27S-20W Kiowa**

PO Box 401  
Fairfield, Il 62837

**Miller B 1-1**

Job Ticket: 51911

**DST#: 3**

ATTN: Jon Christensen

Test Start: 2013.12.18 @ 00:45:15

## GENERAL INFORMATION:

Formation: **Cherokee/Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:39:00

Time Test Ended: 07:19:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

**Interval: 4840.00 ft (KB) To 4864.00 ft (KB) (TVD)**

Reference Elevations: 2291.00 ft (KB)

Total Depth: 4864.00 ft (KB) (TVD)

2278.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 6798**

**Inside**

Press @ Run Depth: 64.24 psig @ 4841.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.18

End Date:

2013.12.18

Last Calib.:

2013.12.18

Start Time: 00:45:16

End Time:

07:19:45

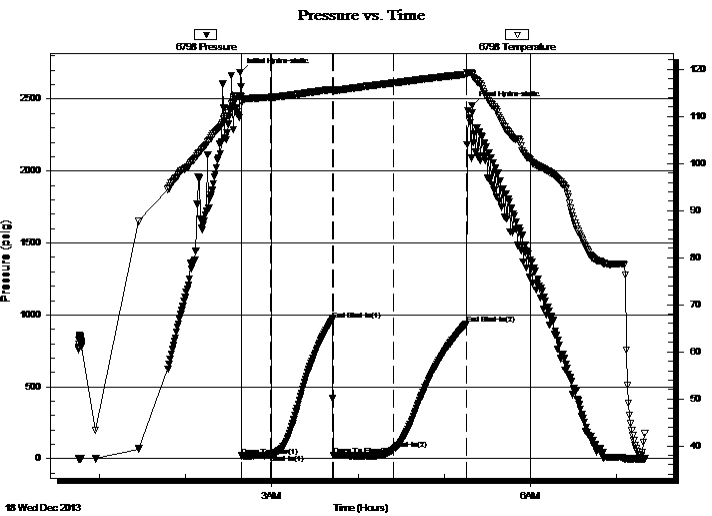
Time On Btm:

2013.12.18 @ 02:37:45

Time Off Btm:

2013.12.18 @ 05:19:30

**TEST COMMENT:** IF: Weak Surface Blow  
IS: No Blow Back  
FF: Weak Surface Blow  
FS: No Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2685.27	114.32	Initial Hydro-static
2	19.85	113.08	Open To Flow (1)
22	29.67	114.07	Shut-In(1)
65	966.69	115.77	End Shut-In(1)
65	22.38	115.50	Open To Flow (2)
107	64.24	117.11	Shut-In(2)
158	935.21	118.95	End Shut-In(2)
162	2453.35	119.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

\* 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:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 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
10.00	Mud	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

