



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Strata Exploration Inc.

**Heft#1-32**

P.O.Box 401  
Fairfield Il.62837

**32-27s-18w Kiowa Ks**

ATTN: Jon Christensen

Job Ticket: 041617

**DST#: 3**

Test Start: 2011.03.16 @ 05:27:54

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:03:09

Time Test Ended: 14:21:39

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 4786.00 ft (KB) To 4818.00 ft (KB) (TVD)**

Total Depth: 4818.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2231.00 ft (KB)

2222.00 ft (CF)

KB to GR/CF: 9.00 ft

**Serial #: 8167**

**Inside**

Press @RunDepth: 91.80 psig @ 4787.00 ft (KB)

Start Date: 2011.03.16

End Date: 2011.03.16

Start Time: 05:27:59

End Time: 14:21:39

Capacity: 8000.00 psig

Last Calib.: 2011.03.16

Time On Btm: 2011.03.16 @ 07:57:39

Time Off Btm: 2011.03.16 @ 12:08:54

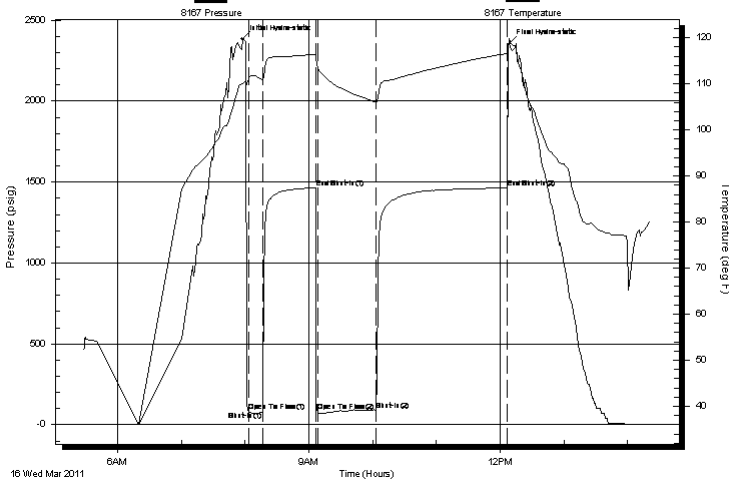
**TEST COMMENT:** IF:Strong blow . GTS in 4 mins.(see gas flow report)

IS:Strong blow . B.O.B.

FF:Strong blow . (see gas flow report)

FS:Strong blow . B.O.B.

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2383.88	110.00	Initial Hydro-static
6	84.76	111.01	Open To Flow (1)
19	81.72	110.83	Shut-In(1)
69	1464.94	116.45	End Shut-In(1)
71	82.29	113.62	Open To Flow (2)
126	91.80	106.04	Shut-In(2)
250	1463.13	116.58	End Shut-In(2)
252	2354.38	119.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	SOCM 2%o 98%m	0.22
80.00	Drig.mud	0.39

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	18.00	218.56
Last Gas Rate	0.50	34.00	326.49
Max. Gas Rate	0.50	36.00	339.98



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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:

5100 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
45.00	SOCM 2%o 98%m	0.221
80.00	Drig.mud	0.393

Total Length: 125.00 ft

Total Volume: 0.614 bbf

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: caraway

Laboratory Location:

Recovery Comments:

