



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Strata Exploration Inc.

**33-27s18w Kiowa Ks.**

P.O.Box 401  
Fairfield Il.62837

**Unruh#3-33**

Job Ticket: 44096

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2012.01.05 @ 02:19:01

## GENERAL INFORMATION:

Formation: **Miss.**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:29:01  
 Time Test Ended: 12:26:31  
 Interval: **4762.00 ft (KB) To 4815.00 ft (KB) (TVD)**  
 Total Depth: 4815.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Gary Pevoteaux  
 Unit No: 56  
 Reference Elevations: 2211.00 ft (KB)  
 2200.00 ft (CF)  
 KB to GR/CF: 11.00 ft

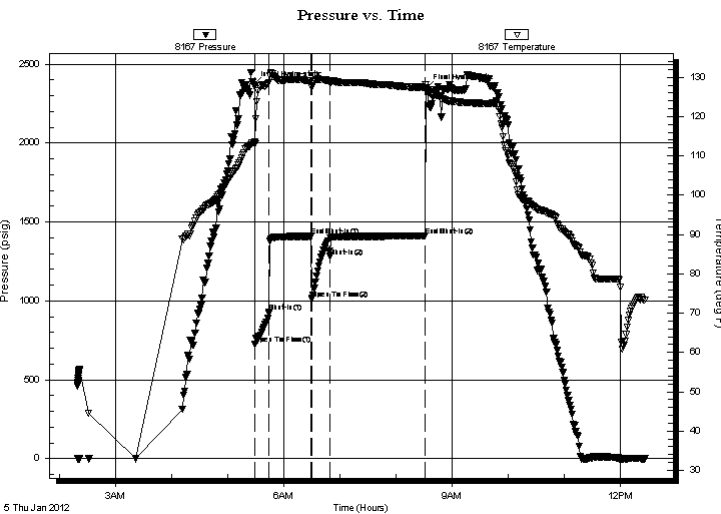
## Serial #: 8167

**Inside**

Press @ Run Depth: 1281.27 psig @ 4763.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.01.05 End Date: 2012.01.05 Last Calib.: 2012.01.05  
 Start Time: 02:19:02 End Time: 12:26:31 Time On Btm: 2012.01.05 @ 05:27:46  
 Time Off Btm: 2012.01.05 @ 08:31:46

## TEST COMMENT:

IF: Strong blow . B.O.B. in 3 - 4 secs. GTS in 4.5 mins.(see gas flow report)  
 IS: No blow .  
 FF: No blow . Hose plugged @ surface. Changed hose. Fluid to surface 15 secs. after reopening surface valve. (Mud Gas & Oil) FSI: Venting Oil & Gas throughout.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2366.62	113.41	Initial Hydro-static
2	727.30	113.10	Open To Flow (1)
16	926.70	128.66	Shut-In(1)
61	1408.90	128.99	End Shut-In(1)
62	1011.81	127.44	Open To Flow (2)
82	1281.27	128.67	Shut-In(2)
184	1409.88	127.44	End Shut-In(2)
184	2343.15	128.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 22%g 23%o 55%m	0.59
4625.00	CGO 44%g 56%o	64.06

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	7.00	334.26
Last Gas Rate	0.75	7.00	334.26



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**33-27s18w Kiowa Ks.**

P.O.Box 401  
Fairfield Il.62837

**Unruh#3-33**

Job Ticket: 44096

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2012.01.05 @ 02:19:01

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

13600 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 16.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13600.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCM 22%g 23%o 55%m	0.590
4625.00	CGO 44%g 56%o	64.057

Total Length: 4745.00 ft

Total Volume: 64.647 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

