



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Strata Exploration Inc

**4-28S-18W Kiowa**

PO Box 401  
Fairfield, IL 62837

**3-4 Aaron Einsel**

ATTN: Jon Christensen

Job Ticket: 47483

**DST#: 1**

Test Start: 2012.04.18 @ 10:26:02

## GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:47

Time Test Ended: 18:21:32

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

**Interval: 4218.00 ft (KB) To 4234.00 ft (KB) (TVD)**

Reference Elevations: 2207.00 ft (KB)

Total Depth: 4234.00 ft (KB) (TVD)

2196.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 6798 Inside**

Press @ Run Depth: 75.40 psig @ 4219.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.18

End Date:

2012.04.18

Last Calib.:

2012.04.18

Start Time:

10:26:03

End Time:

18:21:32

Time On Btm:

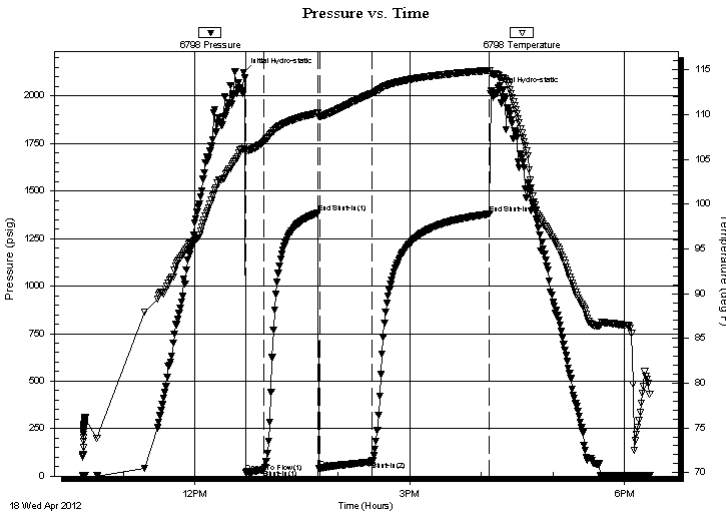
2012.04.18 @ 12:40:47

Time Off Btm:

2012.04.18 @ 16:08:02

**TEST COMMENT:** IF: Fair Blow, BOB in 15 minutes  
IS: No Blow back  
FF: Fair Blow, Built To 10 1/2 inches  
FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.06	106.18	Initial Hydro-static
2	21.04	105.97	Open To Flow (1)
18	34.05	106.99	Shut-In(1)
63	1384.10	110.16	End Shut-In(1)
64	39.19	109.78	Open To Flow (2)
108	75.40	112.37	Shut-In(2)
206	1379.83	114.93	End Shut-In(2)
208	2025.18	114.57	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	MCW 5%M 95%W	0.30
62.00	WOCM 26%W 30%O 44%M	0.30
2.00	Oil	0.01
0.00	372 GIP	0.00

## 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: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

49000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	MCW 5%M 95%W	0.305
62.00	WOCM 26%W 30%O 44%M	0.305
2.00	Oil	0.010
0.00	372 GIP	0.000

Total Length: 126.00 ft      Total Volume: 0.620 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .14 @ 79 degrees

