



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Strata Exploration INC  
Po.Box 401  
Fairfield IL  
62837  
ATTN: Jon Christensen

**Sampson #1-4**

**4-28s-18w**

Job Ticket: 41626

**DST#: 1**

Test Start: 2011.03.02 @ 22:23:59

## GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:56:29

Time Test Ended: 07:03:44

Test Type: Conventional Bottom Hole

Tester: Chris Staats

Unit No: 34

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

Reference Elevations: 2212.00 ft (KB)

Total Depth: 4234.00 ft (KB) (TVD)

2203.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 6773 Inside**

Press @ Run Depth: 174.28 psig @ 4219.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.02

End Date:

2011.03.03

Last Calib.:

2011.03.03

Start Time: 22:24:04

End Time:

07:03:44

Time On Btm:

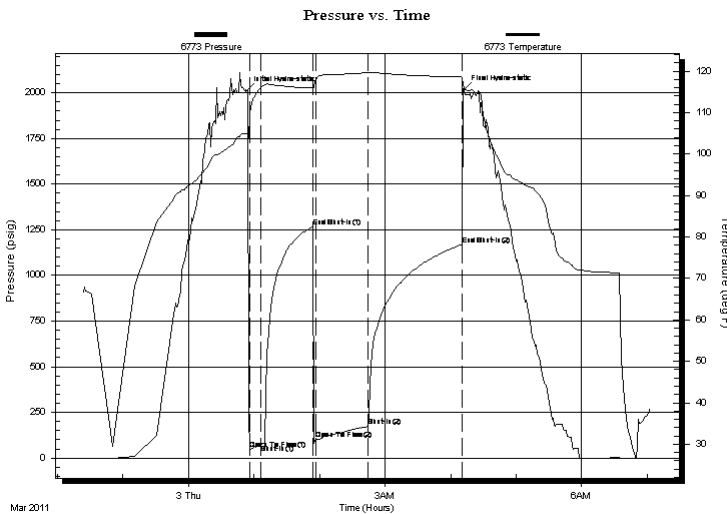
2011.03.03 @ 00:53:14

Time Off Btm:

2011.03.03 @ 04:12:14

**TEST COMMENT:** IF: Strong blow BOB 5 sec  
IS: Weak blow back 3"  
FF: Strong blow BOB 3 sec GTS 35 min  
FS: Strong blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.08	104.80	Initial Hydro-static
4	47.86	109.98	Open To Flow (1)
13	77.43	115.97	Shut-In(1)
61	1267.25	115.93	End Shut-In(1)
64	100.81	118.02	Open To Flow (2)
112	174.28	119.62	Shut-In(2)
198	1169.46	118.54	End Shut-In(2)
199	2016.37	115.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
118.00	GMOW 15%g15%m25%o45%w	0.58
180.00	MW 10%m90%w	1.91
3907.00	GIP	54.80

## Gas Rates

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



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## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.99 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
118.00	GMOW 15%g15%m25%o45%w	0.580
180.00	MW 10%g90%w	1.915
3907.00	GIP	54.805

Total Length: 4205.00 ft      Total Volume: 57.300 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

