



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration, Inc.

#1-4 White

PO Box 401
Fairfield IL 62837

4-28S-18W, Kiowa

ATTN: Jon Christensen

Job Ticket: 43928

DST#: 2

Test Start: 2011.07.14 @ 05:00:55

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:09:55

Time Test Ended: 12:27:40

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 4775.00 ft (KB) To 4826.00 ft (KB) (TVD)

Reference Elevations: 2221.00 ft (KB)

Total Depth: 4826.00 ft (KB) (TVD)

2210.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798 Inside

Press @ Run Depth: 856.62 psig @ 4776.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.14

End Date:

2011.07.14

Last Calib.:

2011.07.14

Start Time: 05:00:56

End Time:

12:27:40

Time On Btm:

2011.07.14 @ 08:06:55

Time Off Btm:

2011.07.14 @ 10:09:55

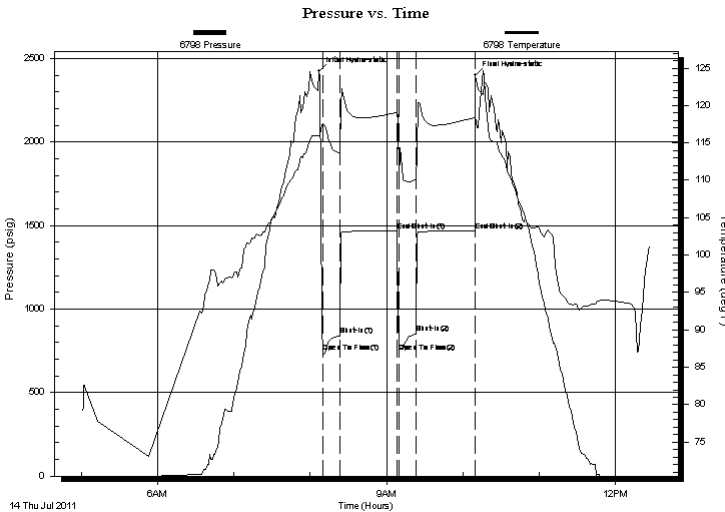
TEST COMMENT: IF: Strong Blow , BOB in 15 seconds, GTS in 2 minutes, Gauged Gas & Caught Sample

IS: Would Not Bleed Off

FF: Strong Blow , BOB & GTS Immediate

FS: Would Not Bleed Off

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2424.56	115.99	Initial Hydro-static
3	745.29	117.44	Open To Flow (1)
17	844.72	113.54	Shut-In(1)
62	1468.19	119.09	End Shut-In(1)
63	744.29	109.64	Open To Flow (2)
77	856.62	110.13	Shut-In(2)
123	1467.37	118.38	End Shut-In(2)
123	2399.94	118.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4514 Feet GIP	0.00
60.00	GSY SOWCM 12%G 4%O 8%W 76%M	0.30
180.00	GCM 2%G 98%M	1.13
30.00	SWCM 4%W 96%M	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	115.00	3720.10
Last Gas Rate	1.00	130.00	4151.33
Max. Gas Rate	1.00	130.00	4151.33



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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:

8500 ppm

Viscosity: 90.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4514 Feet GIP	0.000
60.00	GSY SOWCM 12%G 4%O 8%W 76%M	0.295
180.00	GCM 2%G 98%M	1.131
30.00	SWCM 4%W 96%M	0.421

Total Length: 270.00 ft Total Volume: 1.847 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .05 @ 100 degrees

