



**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: 43929

DST#: 3

Test Start: 2011.07.14 @ 20:40:56

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:26

Time Test Ended: 05:55:26

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 4826.00 ft (KB) To 4841.00 ft (KB) (TVD)

Reference Elevations: 2221.00 ft (KB)

Total Depth: 4841.00 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: 1320.80 psig @ 4827.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.14

End Date: 2011.07.15

Last Calib.: 2011.07.15

Start Time: 20:40:57

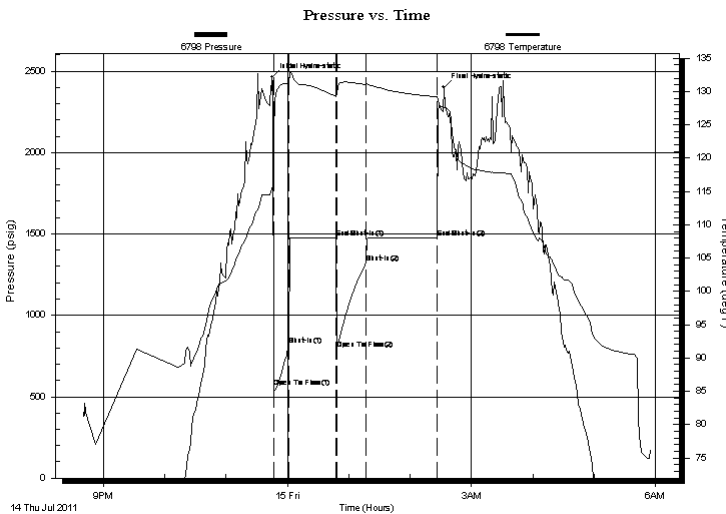
End Time: 05:55:26

Time On Btm: 2011.07.14 @ 23:45:11

Time Off Btm: 2011.07.15 @ 02:32:56

TEST COMMENT: IF: Strong Blow, BOB in 15 seconds, GTS in 5 minutes, Gauged Gas
 IS: Bled Off, BOB Blow back in 2 minutes
 FF: Strong Blow, BOB & GTS Immediate, Gauged Gas, OTS in 30 minutes
 FS: Would Not Bleed Of

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2461.67	115.55	Initial Hydro-static
2	557.98	116.02	Open To Flow (1)
17	817.91	131.25	Shut-In(1)
62	1476.43	129.31	End Shut-In(1)
63	790.82	129.52	Open To Flow (2)
92	1320.80	131.06	Shut-In(2)
161	1476.15	129.24	End Shut-In(2)
168	2399.18	127.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Water	0.61
4690.00	GSY Oil 5%G 95%O	64.99

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25	14.00	45.05
Max. Gas Rate	0.25	15.00	46.64



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

110000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	Water	0.615
4690.00	GSY Oil 5%G 95%O	64.987

Total Length: 4815.00 ft Total Volume: 65.602 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil Gravity was 31 @ 80 degrees (29 corrected)

RW was .065 @ 80 degrees

