



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Heft#1-32

P.O.Box 401
Fairfield Il.62837

32-27s-18w Kiowa Ks

Job Ticket: 041616

DST#: 2

ATTN: Jon Christensen

Test Start: 2011.03.14 @ 05:36:20

GENERAL INFORMATION:

Formation: **KC. I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:04:05

Time Test Ended: 14:35:50

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4417.00 ft (KB) To 4435.00 ft (KB) (TVD)

Reference Elevations: 2231.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

2222.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8167 Inside

Press @ Run Depth: 189.68 psig @ 4418.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.14

End Date:

2011.03.14

Last Calib.:

2011.03.14

Start Time: 05:36:25

End Time:

14:35:50

Time On Btm:

2011.03.14 @ 08:01:35

Time Off Btm:

2011.03.14 @ 11:29:35

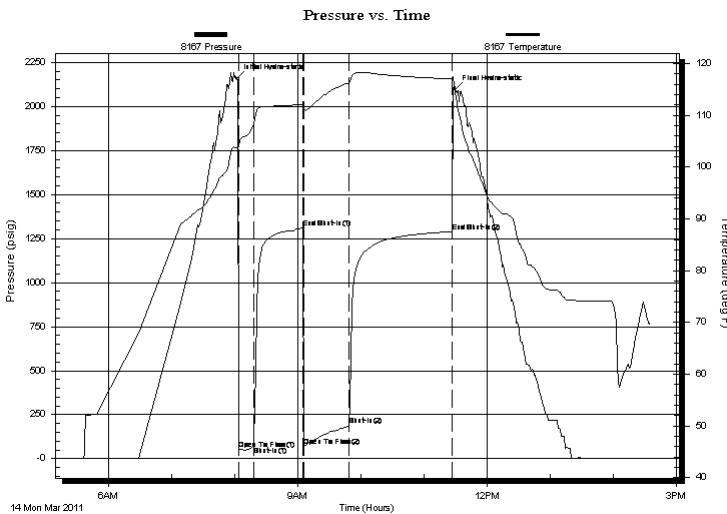
TEST COMMENT: IF: Strong blow . B.O.B. in 90 secs. GTS in 15 mins.

IS: Strong blow . B.O.B.

FF: Strong blow . (see gas flow report)

FS: Strong blow . B.O.B.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.58	103.73	Initial Hydro-static
3	51.73	103.83	Open To Flow (1)
16	69.19	108.04	Shut-In(1)
64	1309.38	112.08	End Shut-In(1)
65	72.12	111.18	Open To Flow (2)
107	189.68	116.30	Shut-In(2)
206	1289.86	117.07	End Shut-In(2)
208	2097.44	113.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MW 4% m 96% w /Rw .14 ohms @63deg	0.25
60.00	GM&WCO 55%g 9% m 8% w 28% o	0.30
190.00	GM&WCO 41%g 5% m 18% w 36% o	1.98
215.00	CGO 35%g 65% o	3.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	7.00	33.95
Last Gas Rate	0.25	13.00	43.47
Max. Gas Rate	0.25	13.00	43.47



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FLUID SUMMARY

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DST#: 2

ATTN: Jon Christensen

Test Start: 2011.03.14 @ 05:36:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

42 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

59000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	MW 4% <i>m</i> 96% <i>w</i> /Rw .14 ohms @63deg	0.246
60.00	GM&WCO 55% <i>g</i> 9% <i>m</i> 8% <i>w</i> 28% <i>o</i>	0.295
190.00	GM&WCO 41% <i>g</i> 5% <i>m</i> 18% <i>w</i> 36% <i>o</i>	1.982
215.00	CGO 35% <i>g</i> 65% <i>o</i>	3.016

Total Length: 515.00 ft

Total Volume: 5.539 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-2

Laboratory Name: caraw ay

Laboratory Location:

Recovery Comments:

