



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Unruh#1-33

P.O.Box 401
Fairfield Il.62837

33-27s-18w Kiowa Ks.

ATTN: Jon Christensen

Job Ticket: 38822

DST#: 2

Test Start: 2010.10.14 @ 14:25:42

GENERAL INFORMATION:

Formation: **Lans I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:03:42

Time Test Ended: 00:47:57

Test Type: Conventional Straddle

Tester: Gary Pevoteaux

Unit No: 39

Interval: 4402.00 ft (KB) To 4423.00 ft (KB) (TVD)

Reference Elevations: 2224.00 ft (KB)

Total Depth: 4479.00 ft (KB) (TVD)

2213.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8167

Inside

Press @ Run Depth: 59.09 psig @ 4403.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.14

End Date:

2010.10.15

Last Calib.:

2010.10.15

Start Time: 14:25:47

End Time:

00:47:57

Time On Btm:

2010.10.14 @ 18:01:42

Time Off Btm:

2010.10.14 @ 21:25:11

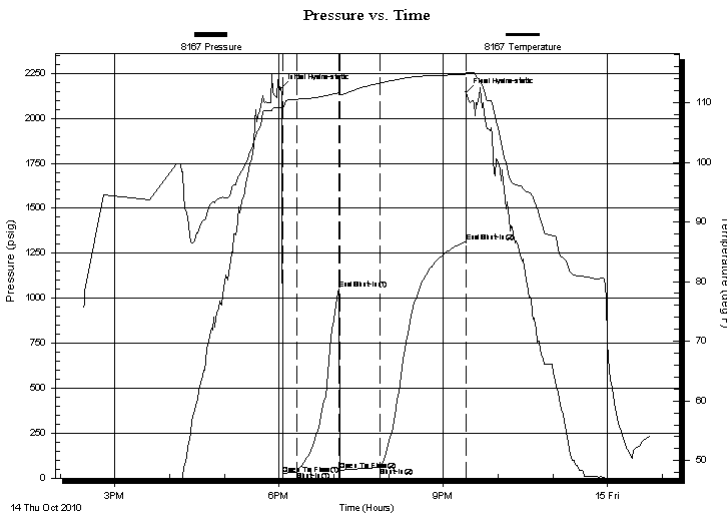
TEST COMMENT: IF:Weak to fair blow . Increase to 9".

IS:No blow .

FF:Strong blow . B.O.B. in 9 mins.

FS:No blow .

PRESSURE SUMMARY



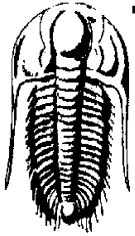
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.85	109.21	Initial Hydro-static
2	23.11	108.65	Open To Flow (1)
18	35.27	110.55	Shut-In(1)
64	1053.77	111.62	End Shut-In(1)
65	41.95	111.37	Open To Flow (2)
109	59.09	113.26	Shut-In(2)
203	1314.02	114.70	End Shut-In(2)
204	2143.14	115.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	GOCWM 25%g 22%o 24%w 29%m	0.47
0.00	RW .27 ohms @ 59 deg.	0.00
0.00	210 ft.of GIP	0.00

Gas Rates

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



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Total Depth: 4479.00 ft (KB) (TVD)

2213.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8370 Outside

Press @ Run Depth: psig @ 4403.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.14

End Date: 2010.10.15

Last Calib.: 2010.10.15

Start Time: 14:22:47

End Time: 00:46:27

Time On Btm:

Time Off Btm:

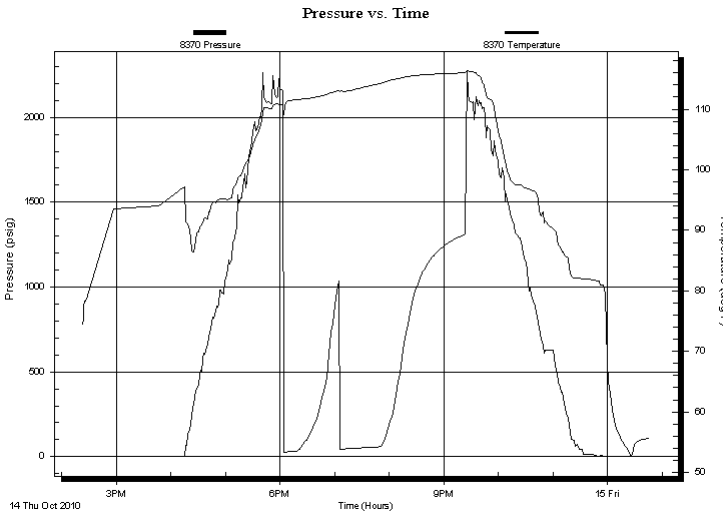
TEST COMMENT: IF:Weak to fair blow . Increase to 9".

IS:No blow .

FF:Strong blow . B.O.B. in 9 mins.

FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
95.00	GOCWM 25%g 22%o 24%w 29%m	0.47
0.00	RW .27 ohms @ 59 deg.	0.00
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Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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Unruh#1-33

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33-27s-18w Kiowa Ks.

Job Ticket: 38822

DST#: 2

ATTN: Jon Christensen

Test Start: 2010.10.14 @ 14:25:42

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:

32000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
95.00	GOCWM 25%g 22%o 24%w 29%m	0.467
0.00	RW .27 ohms @ 59 deg.	0.000
0.00	210 ft.of GIP	0.000

Total Length: 95.00 ft Total Volume: 0.467 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

