



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Strata Exploration Inc

#1-34 Carr

PO Box 401
Fairfield, IL. 62837

34-21S-16W Pawnee

Job Ticket: 039290

DST#: 3

ATTN: Jon Christensen

Test Start: 2010.12.09 @ 05:27:19

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:55:34

Time Test Ended: 13:52:19

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: 3770.00 ft (KB) To 3851.00 ft (KB) (TVD)

Reference Elevations: 1997.00 ft (KB)

Total Depth: 3851.00 ft (KB) (TVD)

1986.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8167

Inside

Press @ Run Depth: 942.63 psig @ 3771.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.09

End Date:

2010.12.09

Last Calib.:

2010.12.09

Start Time:

05:27:24

End Time:

13:52:18

Time On Btm:

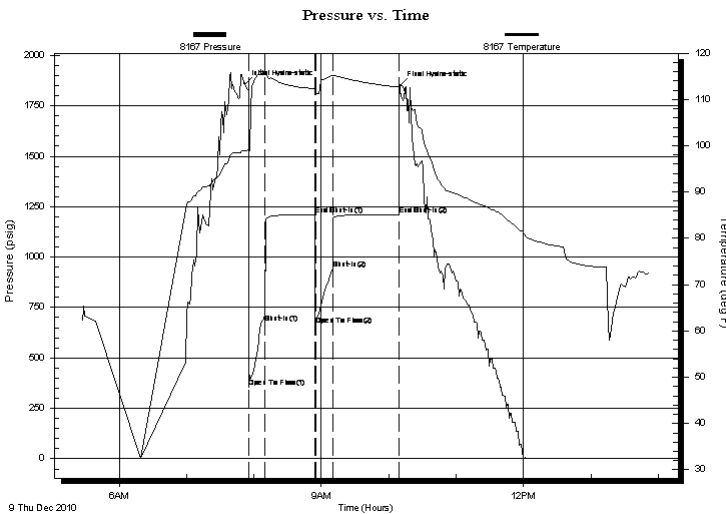
2010.12.09 @ 07:52:04

Time Off Btm:

2010.12.09 @ 10:10:04

TEST COMMENT: IF: Strong blow . B.O.B. in 55 secs.
IS: No blow .
FF: Strong blow . B.O.B. in 50 - 60 secs.
FS: Weak blow . 1/4".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1856.33	98.96	Initial Hydro-static
4	355.25	98.55	Open To Flow (1)
18	671.29	115.68	Shut-In(1)
62	1210.72	112.32	End Shut-In(1)
63	662.06	112.07	Open To Flow (2)
78	942.63	115.05	Shut-In(2)
137	1210.77	112.65	End Shut-In(2)
138	1847.83	112.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	GM&OCW 11%g 9%m 22%o 58%w	0.93
635.00	GM&OCW 26%g 13%m 23%o 38%w	8.66
750.00	GM&OCW 24%g 18%m 22%o 36%w	10.52
480.00	GM&OCW 8%g 16%m 33%ob 43%w	6.73
0.00	95 ft. of GIP	0.00

Gas Rates

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



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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:

43000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.19 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
190.00	GM&OCW 11%g 9%m 22%o 58%w	0.934
635.00	GM&OCW 26%g 13%m 23%o 38%w	8.661
750.00	GM&OCW 24%g 18%m 22%o 36%w	10.521
480.00	GM&OCW 8%g 16%m 33%ob 43%w	6.733
0.00	95 ft.of GIP	0.000

Total Length: 2055.00 ft Total Volume: 26.849 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: RW. of Water .2 ohms @ 60 deg.

