



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Strata Exploration Inc.

Albert-Quimby Unit#1-27

P.O.Box 401
Fairfield IL.62837

27-21s-16w Pawnee Ks

Job Ticket: 039298

DST#: 2

ATTN: Jon Christensen

Test Start: 2011.01.01 @ 04:26:19

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:16:19

Time Test Ended: 13:50:19

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: 3764.00 ft (KB) To 3858.00 ft (KB) (TVD)

Reference Elevations: 1999.00 ft (KB)

Total Depth: 3858.00 ft (KB) (TVD)

1988.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8167

Inside

Press @ Run Depth: 1195.97 psig @ 3765.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.01

End Date:

2011.01.01

Last Calib.:

2011.01.01

Start Time: 04:26:24

End Time:

13:50:19

Time On Btm:

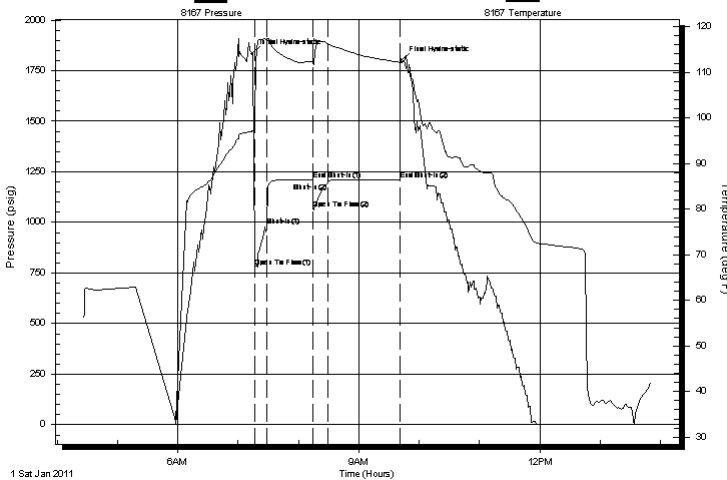
2011.01.01 @ 07:14:04

Time Off Btm:

2011.01.01 @ 09:42:19

TEST COMMENT: IF: Strong blow . B.O.B. in 30 secs.
IS: Weak blow . 1/4".
FF: Strong blow . B.O.B. in 33 secs.
FS: Weak blow . 1/2".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.27	97.10	Initial Hydro-static
3	780.01	100.36	Open To Flow (1)
15	982.25	117.37	Shut-In(1)
60	1210.03	112.32	End Shut-In(1)
61	1065.60	111.88	Open To Flow (2)
75	1195.97	116.24	Shut-In(2)
147	1209.97	112.21	End Shut-In(2)
149	1801.35	112.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	SOCW 2%o 98%w / Rw .37ohms @ 37deg	1.53
1590.00	OCMW 11%o 6%m 83%w	22.30
320.00	OCMW 18%o 40%m 42%w	4.49
320.00	OCWM 18%o 25%w 57%m	4.49
160.00	OCWM 4%o 21%w 75%m	2.24

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Albert-Quimby Unit#1-27

P.O.Box 401
Fairfield IL.62837

27-21s-16w Pawnee Ks

Job Ticket: 039298

DST#: 2

ATTN: Jon Christensen

Test Start: 2011.01.01 @ 04:26:19

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:

40500 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
250.00	SOCW 2%o 98%w / Rw .37ohms @37deg	1.530
1590.00	OCMW 11%o 6%m 83%w	22.304
320.00	OCMW 18%o 40%m 42%w	4.489
320.00	OCWM 18%o 25%w 57%m	4.489
160.00	OCWM 4%o 21%w 75%m	2.244

Total Length: 2640.00 ft

Total Volume: 35.056 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

