



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Strata Exploration INC
 PO Box 401
 Fairfield IL
 62837
 ATTN: John R Kinney/ Jon C

4-28s-18w

Sampson #2-4

Job Ticket: 47463

DST#: 2

Test Start: 2012.02.28 @ 19:43:03

GENERAL INFORMATION:

Formation: **Miss Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:39:03

Time Test Ended: 04:11:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: 4773.00 ft (KB) To 4821.00 ft (KB) (TVD)

Reference Elevations: 2216.00 ft (KB)

Total Depth: 4821.00 ft (KB) (TVD)

2205.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6773 Outside

Press @ Run Depth: 125.05 psig @ 4773.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.28

End Date: 2012.02.29

Last Calib.: 2012.02.29

Start Time: 19:43:08

End Time: 04:11:02

Time On Btm: 2012.02.28 @ 22:36:03

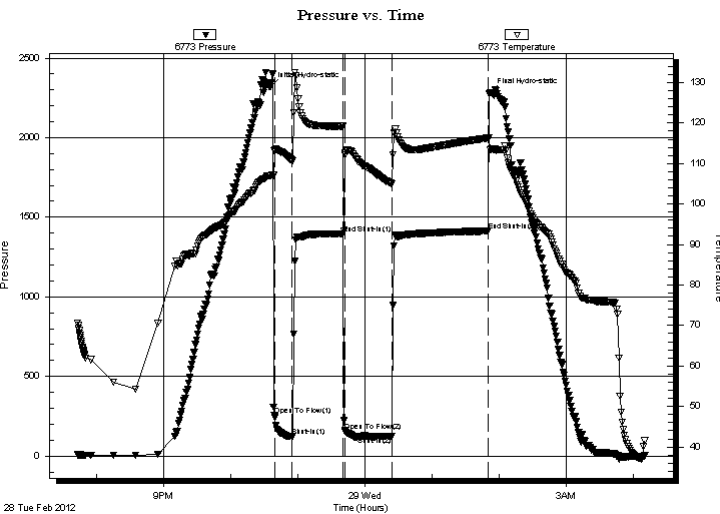
Time Off Btm: 2012.02.29 @ 01:52:18

TEST COMMENT: IF: Strong blow BOB 30 sec GTS 3 min [see gas flow report]

IS: No blow back

FF: Strong blow BOB 2 sec

FS: Weak blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2319.36	106.91	Initial Hydro-static
3	253.49	113.07	Open To Flow (1)
19	123.87	110.76	Shut-In(1)
65	1396.69	119.24	End Shut-In(1)
66	158.23	112.06	Open To Flow (2)
108	125.05	104.97	Shut-In(2)
195	1412.97	116.35	End Shut-In(2)
197	2282.25	113.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4756 GIP	0.00
80.00	G,M 5% gas 95% mud	0.39

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	4.00	528.98
Last Gas Rate	0.75	14.00	443.60
Max. Gas Rate	0.75	14.00	443.60



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FLUID SUMMARY

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62837

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Job Ticket: 47463

DST#: 2

ATTN: John R Kinney/ Jon C

Test Start: 2012.02.28 @ 19:43:03

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:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9700.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4756 GIP	0.000
80.00	G,M 5% gas 95% mud	0.393

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

