



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: 47464

DST#: 3

Test Start: 2012.02.29 @ 12:28:57

GENERAL INFORMATION:

Formation: **Miss Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:22:12

Time Test Ended: 23:02:27

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: **4821.00 ft (KB) To 4836.00 ft (KB) (TVD)**

Total Depth: 4836.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2216.00 ft (KB)

2205.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6773 Outside

Press @ Run Depth: 658.14 psig @ 4821.00 ft (KB)

Start Date: 2012.02.29

End Date: 2012.02.29

Start Time: 12:29:02

End Time: 23:02:27

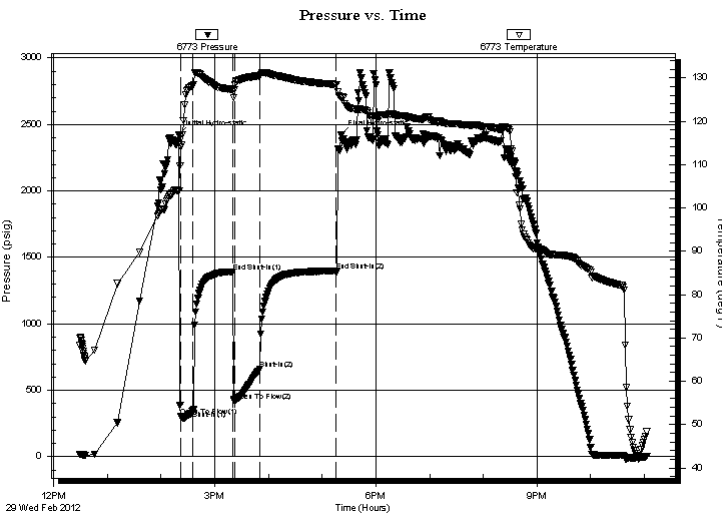
Capacity: 8000.00 psig

Last Calib.: 2012.02.29

Time On Btm: 2012.02.29 @ 14:19:57

Time Off Btm: 2012.02.29 @ 17:21:12

TEST COMMENT: IF: Strong blow BOB 30 sec GTS 5 min
 IS: Strong blow back BOB 25 min
 FF: Strong blow BOB 2 sec Oil dripping out of blow line
 FS: Strong blow BOB 2 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2425.26	103.97	Initial Hydro-static
3	304.40	114.14	Open To Flow (1)
16	348.47	128.33	Shut-In(1)
61	1392.88	127.20	End Shut-In(1)
62	419.23	127.28	Open To Flow (2)
90	658.14	130.47	Shut-In(2)
176	1397.65	128.44	End Shut-In(2)
182	2420.00	125.58	Final Hydro-static

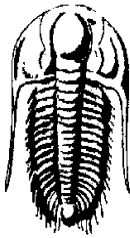
Recovery

Length (ft)	Description	Volume (bbl)
0.00	4816 GIP	0.00
60.00	O,M,W 1% oil 5% mud 94% water	0.30
60.00	O,W,M 2% oil 48% water 50% mud	0.30

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	4.00	124.12
Last Gas Rate	0.25	6.00	32.36
Max. Gas Rate	0.25	6.00	32.36



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DRILL STEM TEST REPORT

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4-28s-18w

PO Box 401
FairField IL
62837

Sampson #2-4

Job Ticket: 47464 **DST#: 3**

ATTN: John R Kinney/ Jon C

Test Start: 2012.02.29 @ 12:28:57

GENERAL INFORMATION:

Formation: **Miss Chert**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 14:22:12

Tester: Chris Staats

Time Test Ended: 23:02:27

Unit No: 47

Interval: 4821.00 ft (KB) To 4836.00 ft (KB) (TVD)

Reference Elevations: 2216.00 ft (KB)

Total Depth: 4836.00 ft (KB) (TVD)

2205.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6755

Press @RunDepth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.29 End Date: 2012.02.29

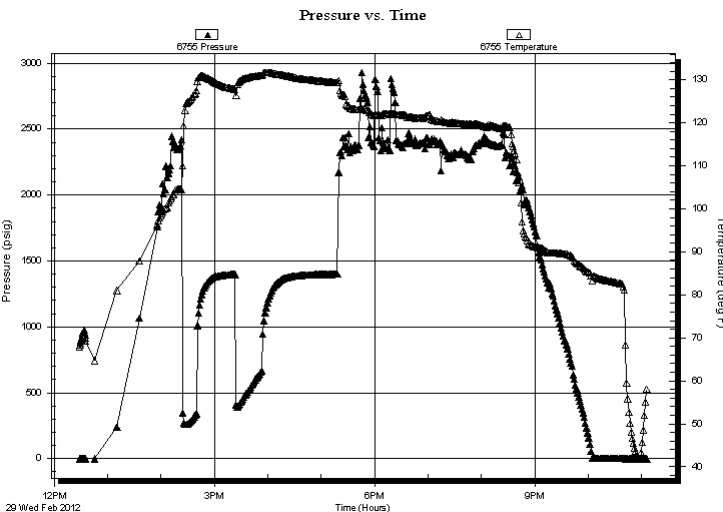
Last Calib.: 2012.02.29

Start Time: 12:28:35 End Time: 23:05:45

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow BOB 30 sec GTS 5 min
IS: Strong blow back BOB 25 min
FF: Strong blow BOB 2 sec Oil dripping out of blow line
FS: Strong blow BOB 2 min



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4816 GIP	0.00
60.00	O,M,W 1% oil 5% mud 94% water	0.30
60.00	O,W,M 2% oil 48% water 50% mud	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	4.00	124.12
Last Gas Rate	0.25	6.00	32.36
Max. Gas Rate	0.25	6.00	32.36

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration INC

4-28s-18w

PO Box 401

Sampson #2-4

FairField IL

Job Ticket: 47464

DST#: 3

62837

ATTN: John R Kinney/ Jon C

Test Start: 2012.02.29 @ 12:28:57

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4816 GIP	0.000
60.00	O,M,W 1% oil 5% mud 94% water	0.295
60.00	O,W,M 2% oil 48%water 50% mud	0.295

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

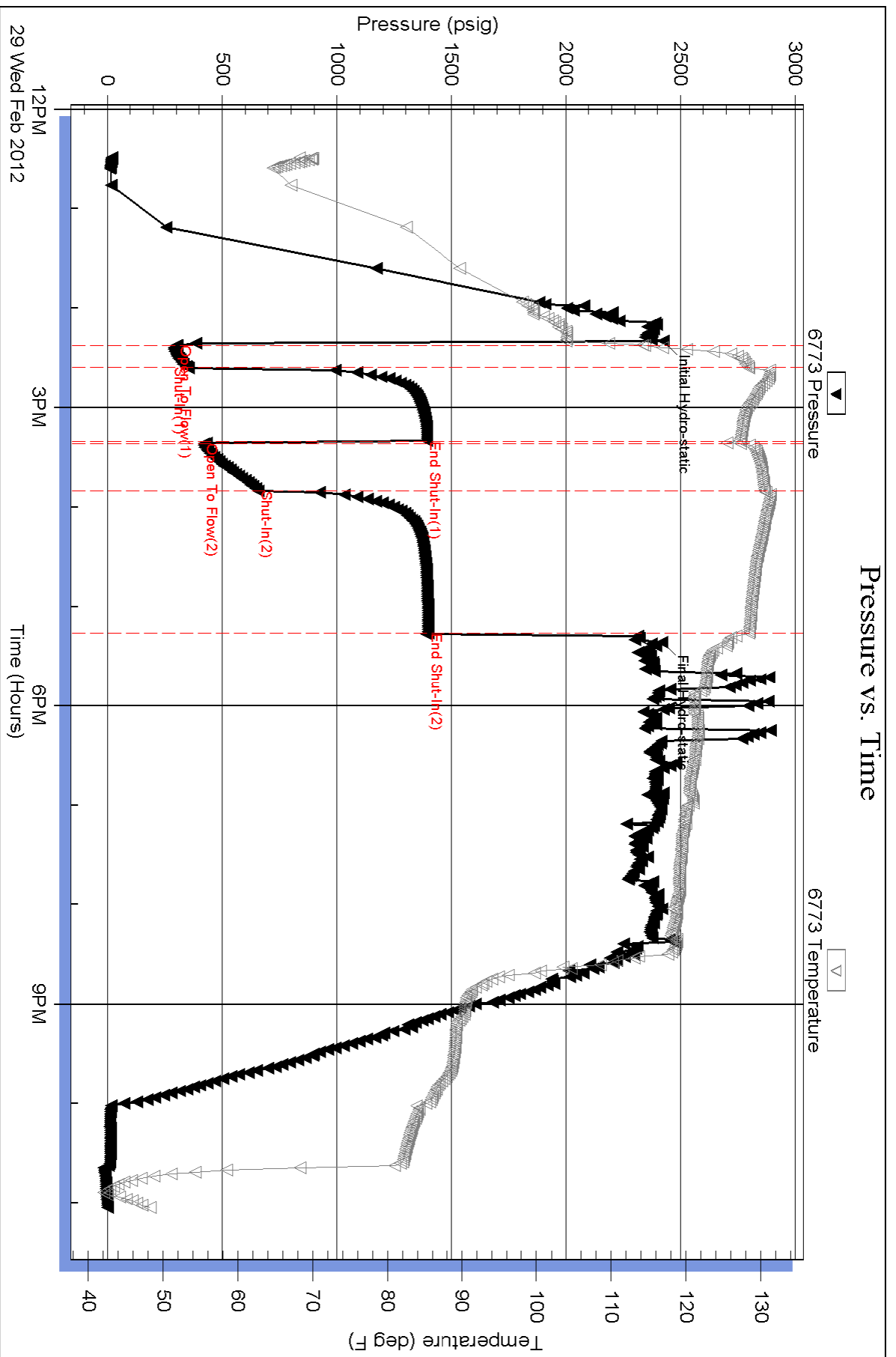
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Picked up 10,000 pounds
G,O,M,W Amounts unknown



Serial #: 6755

Strata Exploration INC

Samson #2-4

DST Test Number: 3

