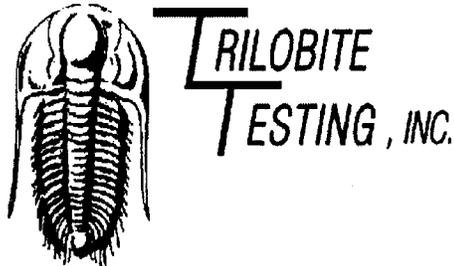


15-081-21581



DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P.O. Box 401
Fairfield, IL 62837

ATTN: Jon Christensen

26/29S/32W

R. McClure # 2

Start Date: 2005.04.10 @ 05:52:08

End Date: 2005.04.10 @ 18:01:27

Job Ticket #: 20567 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Strata Exploration Inc.

R. McClure # 2

26/29S/32W

DST # 1

Upper Morrow

2005.04.10



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Strata Exploration Inc.

R. McClure # 2

P.O. Box 401
Fairfield, IL 62837

26/29S/32W

Job Ticket: 20567

DST#: 1

ATTN: Jon Christensen

Test Start: 2005.04.10 @ 05:52:08

GENERAL INFORMATION:

Formation: **Upper Morrow**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 11:24:18

Time Test Ended: 18:01:27

Test Type: **Conventional Bottom Hole**

Tester: **Chris Hagman**

Unit No: **20**

Interval: **5293.00 ft (KB) To 5344.00 ft (KB) (TVD)**

Total Depth: **5344.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Good**

Reference Elevations: **2907.00 ft (KB)**

2895.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 6752

Inside

Press@RunDepth: **29.73 psig @ 5295.00 ft (KB)**

Start Date: **2005.04.10**

End Date: **2005.04.10**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

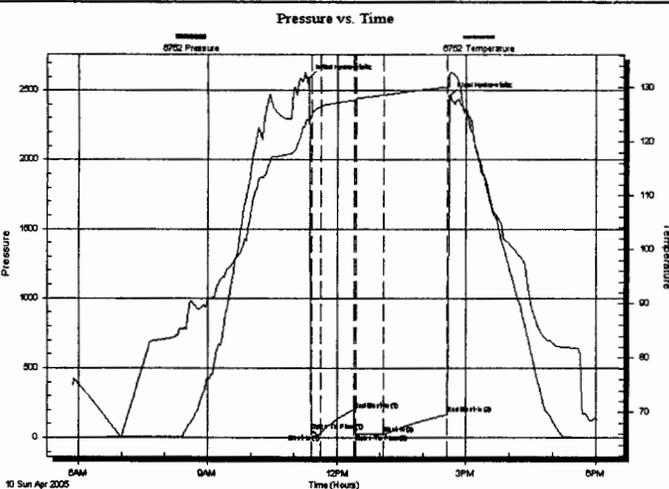
Start Time: **05:52:08**

End Time: **18:01:27**

Time On Btm: **2005.04.10 @ 11:20:18**

Time Off Btm: **2005.04.10 @ 14:36:57**

TEST COMMENT: IF: BOB 12 min, strong steadily building blow
IS: No blow back
FF: 8 inches in 20 min., strong steady blow
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2588.33	124.11	Initial Hydro-static
4	45.89	125.08	Open To Flow (1)
18	28.42	126.54	Shut-In(1)
64	201.64	127.65	End Shut-In(1)
66	25.43	127.76	Open To Flow (2)
104	29.73	128.63	Shut-In(2)
194	172.39	130.13	End Shut-In(2)
197	2457.04	132.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	95%M, 5%G, Skim oil	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc.

R. McClure # 2

P.O. Box 401
Fairfield, IL 62837

26/29S/32W

Job Ticket: 20567

DST#: 1

ATTN: Jon Christensen

Test Start: 2005.04.10 @ 05:52:08

Tool Information

Drill Pipe:	Length: 4915.00 ft	Diameter: 3.80 inches	Volume: 68.94 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 70.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 92000.00 lb
Depth to Top Packer:	5293.00 ft			Final 97000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5267.00	
Shut In Tool	5.00			5272.00	
Hydraulic tool	5.00			5277.00	
Jars	5.00			5282.00	
Safety Joint	2.00			5284.00	
Packer	5.00			5289.00	27.00 Bottom Of Top Packer
Packer	4.00			5293.00	
Stubb	1.00			5294.00	
Perforations	1.00			5295.00	
Recorder	0.00	6752	Inside	5295.00	
Perforations	13.00			5308.00	
Change Over Sub	1.00			5309.00	
Drill Pipe	31.00			5340.00	
Change Over Sub	1.00			5341.00	
Recorder	0.00	13630	Inside	5341.00	
Bullnose	3.00			5344.00	51.00 Bottom Packers & Anchor
Total Tool Length:	78.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

R. McClure # 2

P.O. Box 401
Fairfield, IL 62837

26/29S/32W

Job Ticket: 20567

DST#: 1

ATTN: Jon Christensen

Test Start: 2005.04.10 @ 05:52:08

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:

4800 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	95%M, 5%G, Skim oil	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW=1.246@72F=4800

Serial #: 6752

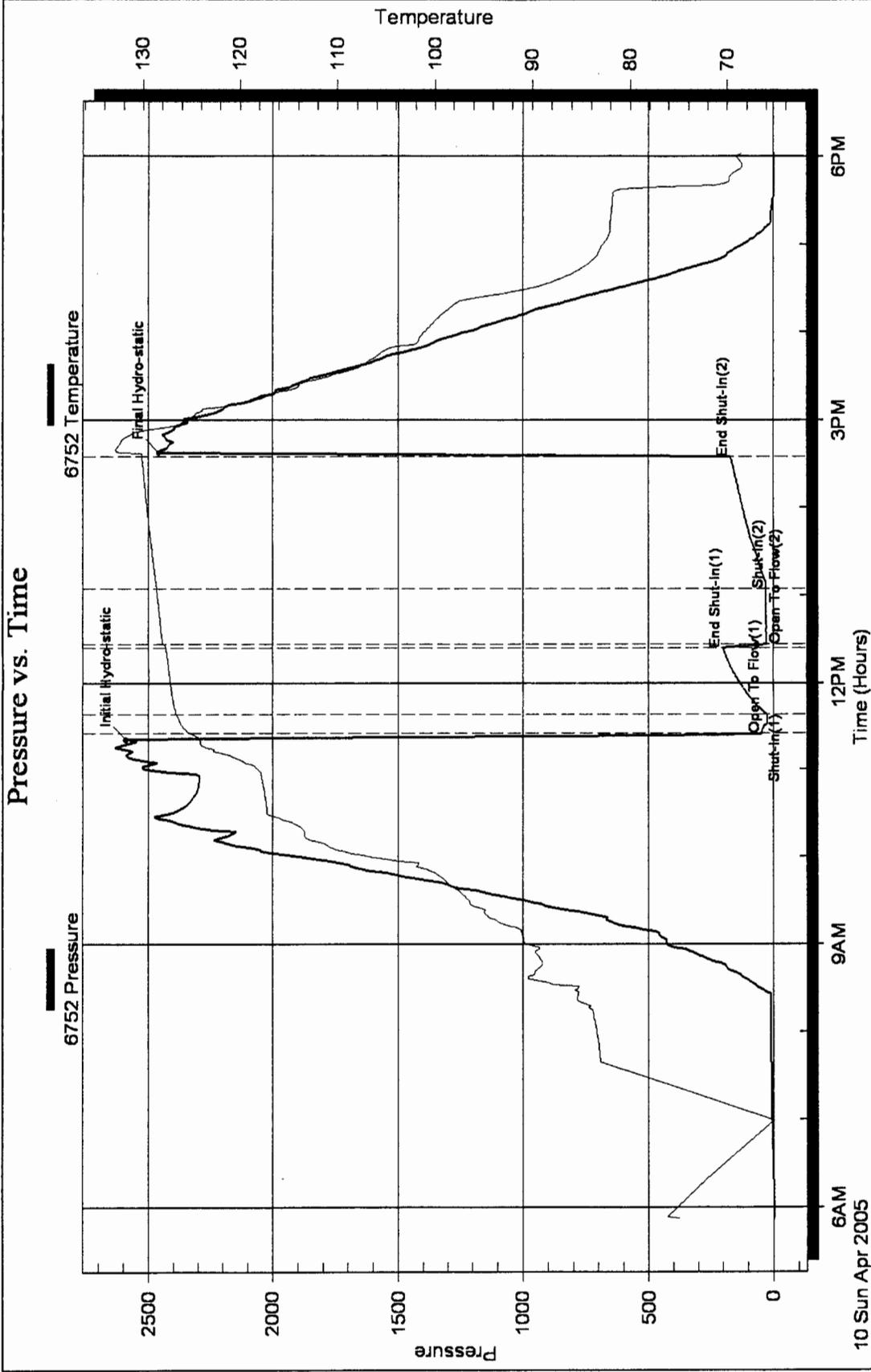
Inside

Strata Exploration Inc.

26/29S/32W

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P.O. Box 401
Fairfield, IL 62837

ATTN: Jon Christensen

26/29S/32W

R. McClure # 2

Start Date: 2005.04.11 @ 14:16:54

End Date: 2005.04.11 @ 23:19:43

Job Ticket #: 20568 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Strata Exploration Inc.

R. McClure # 2

26/29S/32W

DST # 2

Lower Morrow

2005.04.11



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Strata Exploration Inc.
 P.O. Box 401
 Fairfield, IL 62837
 ATTN: Jon Christensen

R. McClure # 2
26/29S/32W
 Job Ticket: 20568 **DST#: 2**
 Test Start: 2005.04.11 @ 14:16:54

GENERAL INFORMATION:

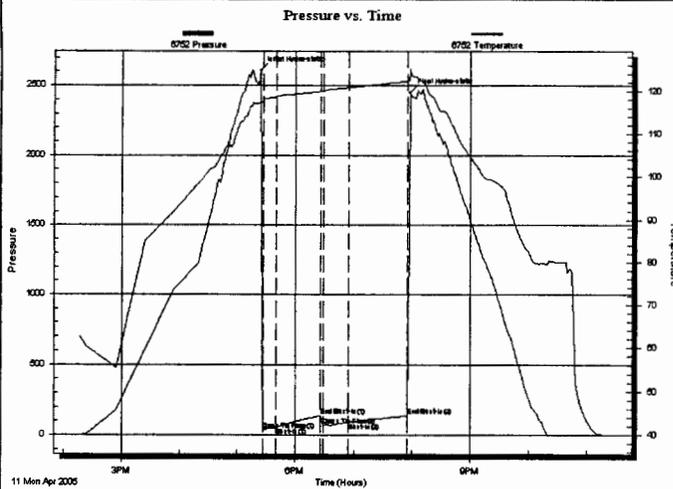
Formation: **Lower Morrow**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **17:26:44**
 Tester: **Chris Hagman**
 Time Test Ended: **23:19:43**
 Unit No: **20**
 Interval: **5292.00 ft (KB) To 5469.00 ft (KB) (TVD)**
 Reference Elevations: **2907.00 ft (KB)**
 Total Depth: **5469.00 ft (KB) (TVD)**
2895.00 ft (CF)
 Hole Diameter: **7.78 inches** Hole Condition: **Good**
 KB to GR/CF: **12.00 ft**

Serial #: 6752

Inside

Press@RunDepth: **90.96 psig @ 5294.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2005.04.11** End Date: **2005.04.11** Last Calib.: **1899.12.30**
 Start Time: **14:16:54** End Time: **23:19:43** Time On Btrn: **2005.04.11 @ 17:23:44**
 Time Off Btrn: **2005.04.11 @ 19:57:44**

TEST COMMENT: IF: 2 inches in 10 min, weak surface blow
 IS: No blow back
 FF: Weak surface blow, 1 inch in 20 min., steadily dieing
 FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2608.79	117.19	Initial Hydro-static
3	38.28	117.73	Open To Flow (1)
17	56.11	118.72	Shut-In(1)
63	138.72	119.88	End Shut-In(1)
65	68.08	119.92	Open To Flow (2)
92	90.96	120.78	Shut-In(2)
152	139.09	122.26	End Shut-In(2)
155	2453.48	124.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	5%G,95%M	0.44

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc.

R. McClure # 2

P.O. Box 401
Fairfield, IL 62837

26/29S/32W

Job Ticket: 20568

DST#: 2

ATTN: Jon Christensen

Test Start: 2005.04.11 @ 14:16:54

Tool Information

Drill Pipe:	Length: 4903.00 ft	Diameter: 3.80 inches	Volume: 68.78 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 105000.0 lb
			Total Volume: 70.59 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	5292.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	177.00 ft			
Tool Length:	204.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5266.00	
Shut In Tool	5.00			5271.00	
Hydraulic tool	5.00			5276.00	
Jars	5.00			5281.00	
Safety Joint	2.00			5283.00	
Packer	5.00			5288.00	27.00 Bottom Of Top Packer
Packer	4.00			5292.00	
Stubb	1.00			5293.00	
Perforations	1.00			5294.00	
Recorder	0.00	6752	Inside	5294.00	
Perforations	13.00			5307.00	
Change Over Sub	1.00			5308.00	
Drill Pipe	157.00			5465.00	
Change Over Sub	1.00			5466.00	
Recorder	0.00	13630	Inside	5466.00	
Bullnose	3.00			5469.00	177.00 Bottom Packers & Anchor
Total Tool Length:	204.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.
P.O. Box 401
Fairfield, IL 62837
ATTN: Jon Christensen

R. McClure # 2
26/29S/32W
Job Ticket: 20568 **DST#: 2**
Test Start: 2005.04.11 @ 14:16:54

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:	5250 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: inches			

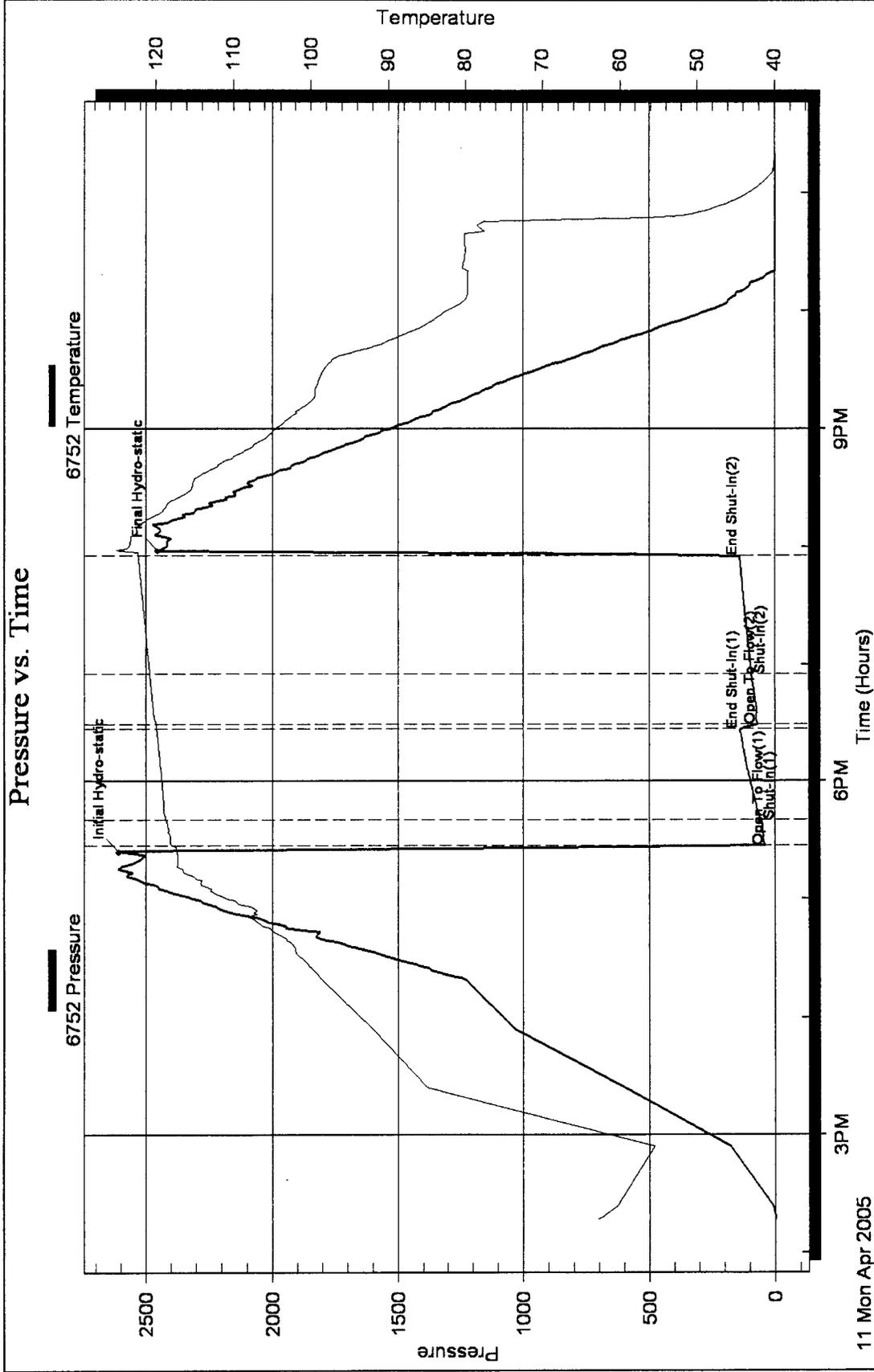
Recovery Information

Recovery Table

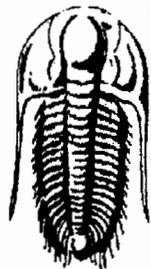
Length ft	Description	Volume bbl
90.00	5%G,95%M	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW=1.142@70F=5250

Pressure vs. Time



11 Mon Apr 2005



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P.O. Box 401
Fairfield, IL 62837

ATTN: Jon Christensen

26/29S/32W

R. McClure # 2

Start Date: 2005.04.12 @ 17:15:51

End Date: 2005.04.13 @ 03:30:51

Job Ticket #: 20569 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Strata Exploration Inc.

R. McClure # 2

26/29S/32W

DST # 3

St. Louis B

2005.04.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

R. McClure # 2

P.O. Box 401
Fairfield, IL 62837

26/29S/32W

Job Ticket: 20569

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.04.12 @ 17:15:51

GENERAL INFORMATION:

Formation: **St. Louis B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:34:30

Time Test Ended: 03:30:51

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 20

Interval: **5544.00 ft (KB) To 5572.00 ft (KB) (TVD)**

Total Depth: 5572.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2907.00 ft (KB)

2895.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6752

Inside

Press@RunDepth: 100.10 psig @ 5546.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.04.12

End Date: 2005.04.13

Last Calib.: 1899.12.30

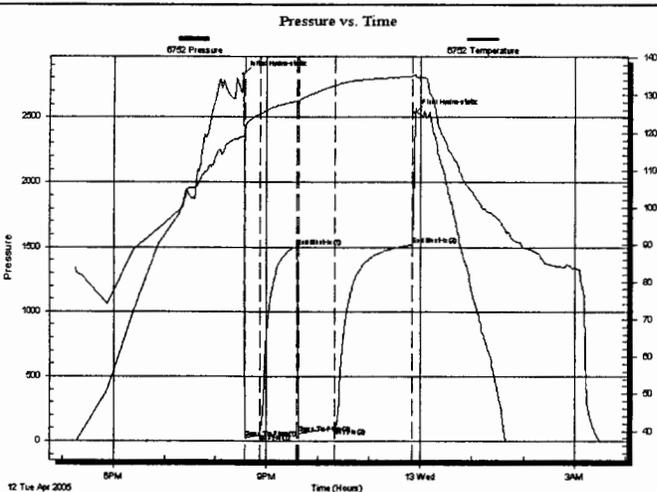
Start Time: 17:15:51

End Time: 03:30:51

Time On Btrm: 2005.04.12 @ 20:32:00

Time Off Btrm: 2005.04.12 @ 23:53:01

TEST COMMENT: IF: Fair blow, 5 inches in 10 min, steady blow
IS: No blow back
FF: Fair blow, 3 inches in 20 min, steadily dying
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2825.50	119.33	Initial Hydro-static
3	24.42	118.61	Open To Flow (1)
20	58.06	125.01	Shut-In(1)
64	1506.10	128.47	End Shut-In(1)
67	58.11	128.34	Open To Flow (2)
109	100.10	132.59	Shut-In(2)
199	1519.21	135.13	End Shut-In(2)
202	2533.19	135.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	10%O,20%W,70%M	0.89

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc.

R. McClure # 2

P.O. Box 401
Fairfield, IL 62837

26/29S/32W

Job Ticket: 20569

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.04.12 @ 17:15:51

Tool Information

Drill Pipe:	Length: 5163.00 ft	Diameter: 3.80 inches	Volume: 72.42 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 140000.0 lb
			<u>Total Volume: 74.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 102000.0 lb
Depth to Top Packer:	5544.00 ft			Final 102000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5518.00	
Shut In Tool	5.00			5523.00	
Hydraulic tool	5.00			5528.00	
Jars	5.00			5533.00	
Safety Joint	2.00			5535.00	
Packer	5.00			5540.00	27.00 Bottom Of Top Packer
Packer	4.00			5544.00	
Stubb	1.00			5545.00	
Perforations	1.00			5546.00	
Recorder	0.00	6752	Inside	5546.00	
Perforations	23.00			5569.00	
Recorder	0.00	13630	Inside	5569.00	
Bullnose	3.00			5572.00	28.00 Bottom Packers & Anchor

Total Tool Length: 55.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

R. McClure # 2

P.O. Box 401
Fairfield, IL 62837

26/29S/32W

Job Ticket: 20569

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.04.12 @ 17:15:51

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:	31750 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	10%O,20%W,70%M	0.885

Total Length: 180.00 ft Total Volume: 0.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.224@71F=31750

Pressure vs. Time

