

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**
PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

26 29 32W Haskell KS

R. McClure 3

Start Date: 2006.07.27 @ 20:23:38

End Date: 2006.07.28 @ 07:38:47

Job Ticket #: 22994 DST #: 1

15-081-21672

SE SE SE

325 FSL 325 FEL

Strata Exploration Inc

R. McClure 3

26 29 32W Haskell KS

DST # 1

Aloka

2006.07.27

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22994

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.07.27 @ 20:23:38

GENERAL INFORMATION:

Formation: **Atoka**

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

Time Tool Opened: 01:18:18

Time Test Ended: 07:38:47

Test Type: **Conventional Bottom Hole**

Tester: **Chris Hagman**

Unit No: **34**

Interval: **5094.00 ft (KB) To 5167.00 ft (KB) (TVD)**

Total Depth: **5167.00 ft (KB) (TVD)**

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

Reference Elevations: **2901.00 ft (KB)**

2893.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6755

Inside

Press@RunDepth: **37.94 psig @ 5096.00 ft (KB)**

Start Date: **2006.07.27**

Start Time: **20:23:38**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

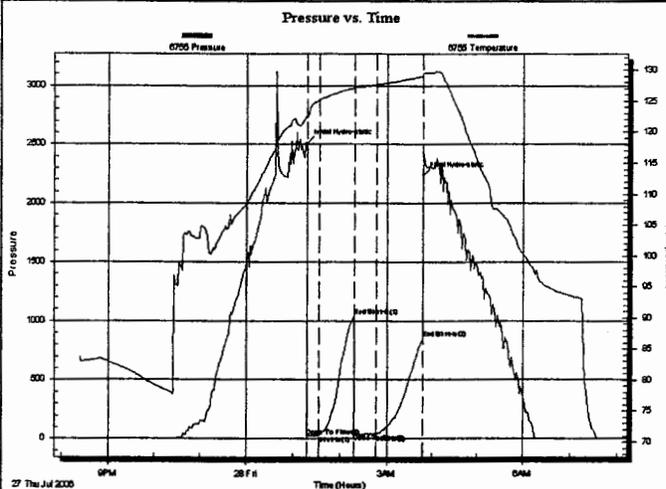
Time On Btm: **2006.07.28 @ 01:17:48**

Time Off Btm: **2006.07.28 @ 03:48:28**

End Date: **2006.07.28**

End Time: **07:38:48**

TEST COMMENT: IF Weak surface blow dying
ISI No blow back
FF No blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2508.83	122.62	Initial Hydro-static
1	21.69	122.42	Open To Flow (1)
16	29.64	125.22	Shut-In(1)
60	1038.16	127.12	End Shut-In(1)
60	45.04	126.76	Open To Flow (2)
88	37.94	127.63	Shut-In(2)
150	855.85	129.01	End Shut-In(2)
151	2237.45	129.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.07

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22994

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.07.27 @ 20:23:38

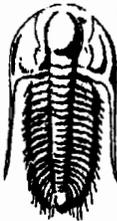
Tool Information

Drill Pipe:	Length: 4776.00 ft	Diameter: 3.80 inches	Volume: 66.99 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: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 68.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5094.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	101.00 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			5067.00	
Shut In Tool	5.00			5072.00	
Hydraulic tool	5.00			5077.00	
Jars	5.00			5082.00	
Safety Joint	3.00			5085.00	
Packer	5.00			5090.00	28.00 Bottom Of Top Packer
Packer	4.00			5094.00	
Stubb	1.00			5095.00	
Perforations	1.00			5096.00	
Recorder	0.00	6755	Inside	5096.00	
Perforations	5.00			5101.00	
Change Over Sub	1.00			5102.00	
Drill Pipe	61.00			5163.00	
Change Over Sub	1.00			5164.00	
Recorder	0.00	13630	Inside	5164.00	
Bullnose	3.00			5167.00	73.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22994

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.07.27 @ 20:23:38

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:	3800 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 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
15.00	100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

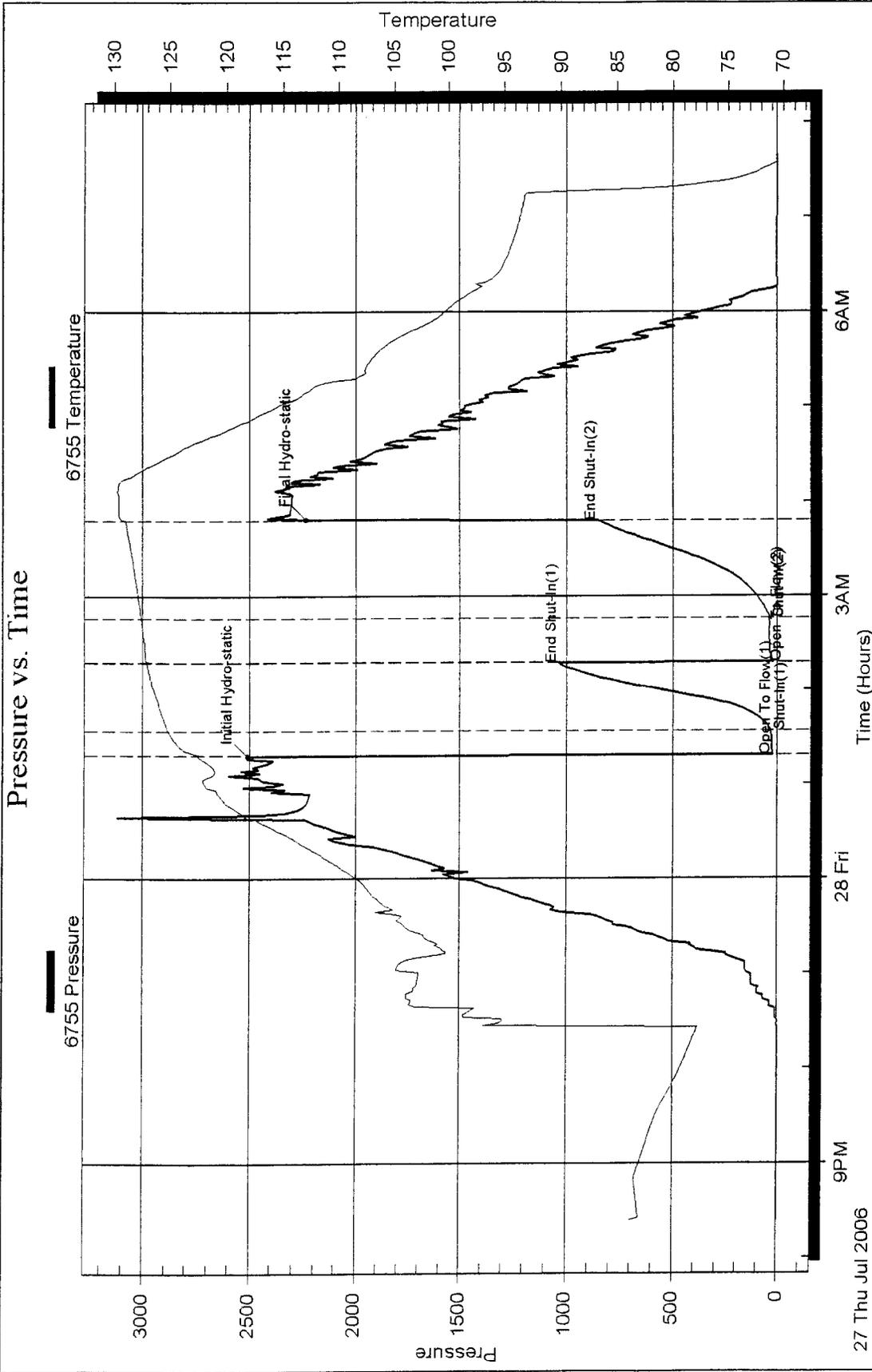
Num Gas Bombs: 0

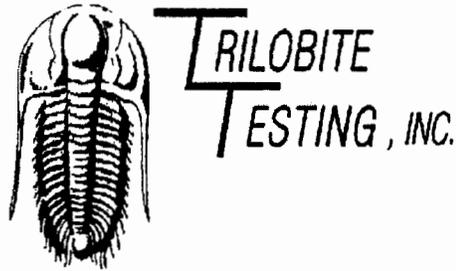
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=1.437@80F=3800ppm





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

26 29 32W Haskell KS

R. McClure 3

Start Date: 2006.07.28 @ 23:45:39

End Date: 2006.07.29 @ 10:31:18

Job Ticket #: 22995 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Strata Exploration Inc

R. McClure 3

26 29 32W Haskell KS

DST # 2

Upper Morrow

2006.07.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22995

DST#: 2

ATTN: Jon Christensen

Test Start: 2006.07.28 @ 23:45:39

GENERAL INFORMATION:

Formation: **Upper Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:34:29

Time Test Ended: 10:31:18

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **5240.00 ft (KB) To 5288.00 ft (KB) (TVD)**

Total Depth: 5288.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2901.00 ft (KB)

2893.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 55.07 psig @ 5242.00 ft (KB)

Start Date: 2006.07.28

End Date:

2006.07.29

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 23:45:39

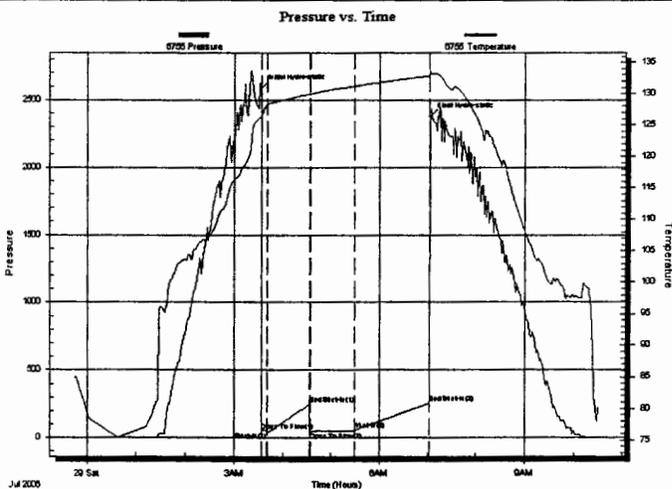
End Time:

10:31:19

Time On Btm: 2006.07.29 @ 03:33:49

Time Off Btm: 2006.07.29 @ 07:03:39

TEST COMMENT: IF 2 inches in 15 min building blow
ISI No blow back
FF 9 inches in 60 min fair building blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2591.90	126.33	Initial Hydro-static
1	54.28	126.38	Open To Flow (1)
8	42.26	128.35	Shut-In(1)
60	247.37	129.97	End Shut-In(1)
61	45.41	129.92	Open To Flow (2)
117	55.07	131.23	Shut-In(2)
210	255.88	132.84	End Shut-In(2)
210	2376.45	133.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	100%M	0.30

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22995 **DST#: 2**

ATTN: Jon Christensen

Test Start: 2006.07.28 @ 23:45:39

Tool Information

Drill Pipe:	Length: 4929.00 ft	Diameter: 3.80 inches	Volume: 69.14 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: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 70.66 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	5240.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	76.00 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			5213.00	
Shut In Tool	5.00			5218.00	
Hydraulic tool	5.00			5223.00	
Jars	5.00			5228.00	
Safety Joint	3.00			5231.00	
Packer	5.00			5236.00	28.00 Bottom Of Top Packer
Packer	4.00			5240.00	
Stubb	1.00			5241.00	
Perforations	1.00			5242.00	
Recorder	0.00	6755	Inside	5242.00	
Perforations	10.00			5252.00	
Change Over Sub	1.00			5253.00	
Drill Pipe	31.00			5284.00	
Change Over Sub	1.00			5285.00	
Recorder	0.00	13630	Inside	5285.00	
Bullnose	3.00			5288.00	48.00 Bottom Packers & Anchor
Total Tool Length:	76.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22995

DST#: 2

ATTN: Jon Christensen

Test Start: 2006.07.28 @ 23:45:39

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:

4600 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	100%M	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

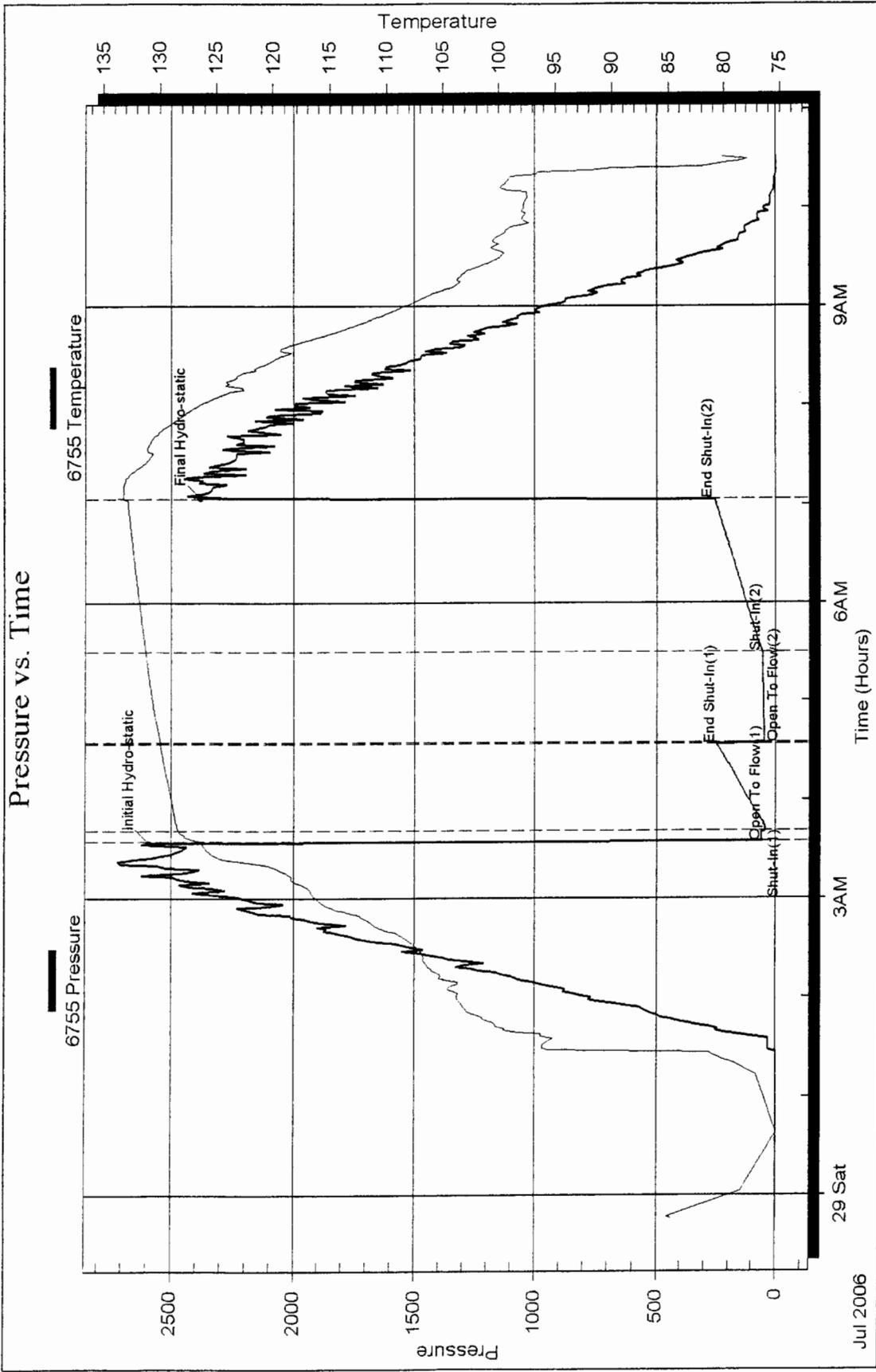
Num Gas Bombs: 0

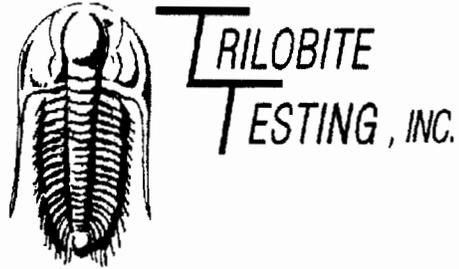
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=1.197@80F=4600ppm





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

26 29 32W Haskell KS

R. McClure 3

Start Date: 2006.07.30 @ 13:57:56

End Date: 2006.07.31 @ 02:05:45

Job Ticket #: 22996 DST #: 3

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

Strata Exploration Inc

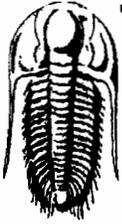
R. McClure 3

26 29 32W Haskell KS

DST # 3

St. Louis B

2006.07.30



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

ATTN: Jon Christensen

Job Ticket: 22996 **DST#: 3**

Test Start: 2006.07.30 @ 13:57:56

GENERAL INFORMATION:

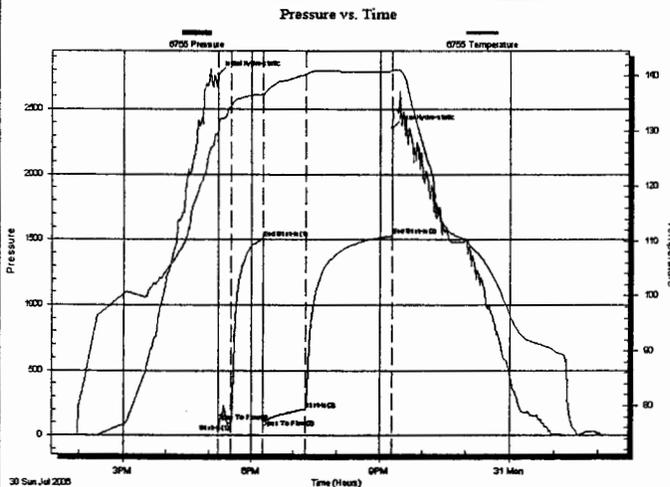
Formation: **St. Louis B**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 17:13:16 Tester: **Chris Hagman**
 Time Test Ended: 02:05:45 Unit No: **34**
 Interval: **5550.00 ft (KB) To 5580.00 ft (KB) (TVD)** Reference Elevations: **2901.00 ft (KB)**
 Total Depth: **5580.00 ft (KB) (TVD)** **2893.00 ft (CF)**
 Hole Diameter: **7.78 inches** Hole Condition: **Good** KB to GR/CF: **8.00 ft**

Serial #: 6755

Inside

Press@RunDepth: 201.08 psig @ 5552.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.07.30 End Date: 2006.07.31 Last Calib.: 1899.12.30
 Start Time: 13:57:56 End Time: 02:05:45 Time On Btm: 2006.07.30 @ 17:13:06
 Time Off Btm: 2006.07.30 @ 21:16:56

TEST COMMENT: IF BOB 4 min strong building blow
 ISI No blow back
 FF BOB 9 min strong steady blow
 FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2763.10	129.92	Initial Hydro-static
1	102.67	128.66	Open To Flow (1)
19	91.93	134.51	Shut-In(1)
64	1509.01	136.73	End Shut-In(1)
65	122.82	136.40	Open To Flow (2)
124	201.08	140.27	Shut-In(2)
244	1529.13	140.86	End Shut-In(2)
244	2356.04	141.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
309.00	5%G 5%O 70%W 20%M	1.52
124.00	45%G 15%O 25%W 15%M	1.74

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22996 **DST#: 3**

ATTN: Jon Christensen

Test Start: 2006.07.30 @ 13:57:56

Tool Information

Drill Pipe:	Length: 5244.00 ft	Diameter: 3.80 inches	Volume: 73.56 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: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 75.08 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5550.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5523.00	
Shut In Tool	5.00			5528.00	
Hydraulic tool	5.00			5533.00	
Jars	5.00			5538.00	
Safety Joint	3.00			5541.00	
Packer	5.00			5546.00	28.00 Bottom Of Top Packer
Packer	4.00			5550.00	
Stubb	1.00			5551.00	
Perforations	1.00			5552.00	
Recorder	0.00	6755	Inside	5552.00	
Perforations	25.00			5577.00	
Recorder	0.00	13630	Inside	5577.00	
Bullnose	3.00			5580.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

R. McClure 3

PO Box 401
Fairfield IL 62837

26 29 32W Haskell KS

Job Ticket: 22996

DST#: 3

ATTN: Jon Christensen

Test Start: 2006.07.30 @ 13:57:56

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:

77000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
309.00	5%G 5%O 70%W 20%M	1.520
124.00	45%G 15%O 25%W 15%M	1.739

Total Length: 433.00 ft Total Volume: 3.259 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.089@81F=77000ppm

