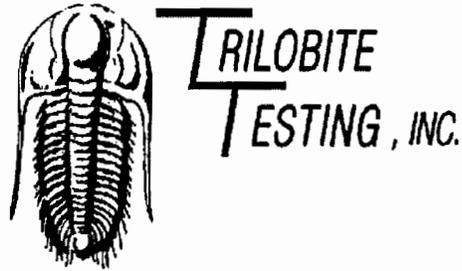


15-081-21524

27-29s-32w



## DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P O Box 401  
Fairfield IL. 62837

ATTN: Jon Christensen

**27-29S-32W Haskell**

**Elliott #1**

Start Date: 2004.04.12 @ 22:00:09

End Date: 2004.04.13 @ 06:18:09

Job Ticket #: 18144                      DST #: 1

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.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18144

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2004.04.12 @ 22:00:09

### GENERAL INFORMATION:

Formation: **Atoka**

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

Time Tool Opened: 00:22:39

Time Test Ended: 06:18:09

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **5104.00 ft (KB) To 5167.00 ft (KB) (TVD)**

Reference Elevations: **2903.00 ft (KB)**

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

**2898.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **5.00 ft**

**Serial #: 6773**

**Inside**

Press@RunDepth: **127.78 psig @ 5105.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.04.12**

End Date: **2004.04.13**

Last Calib.: **1899.12.30**

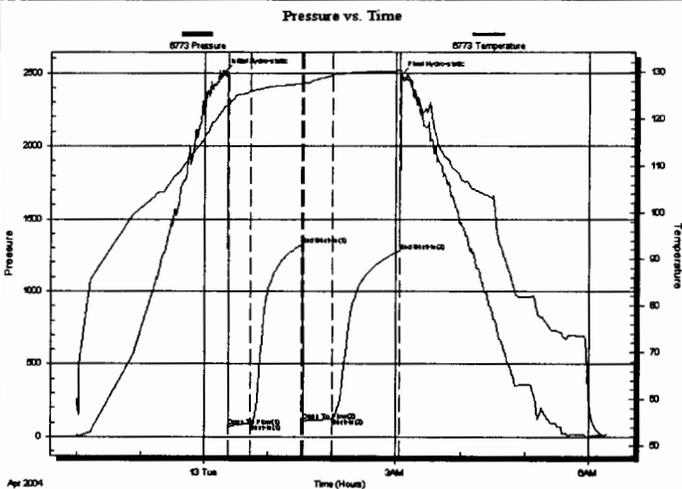
Start Time: **22:00:10**

End Time: **06:18:09**

Time On Btrc: **2004.04.13 @ 00:17:54**

Time Off Btrc: **2004.04.13 @ 03:04:09**

TEST COMMENT: **F; Fair to strong off bttm in 12 mins**  
**IS; No return blow**  
**FF; Weak surface return in 5 min built to 1"**  
**FS; No return blow**



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2505.72	122.58	Initial Hydro-static
5	70.02	123.15	Open To Flow (1)
26	91.70	126.11	Shut-in(1)
75	1322.27	127.55	End Shut-in(1)
76	109.14	127.56	Open To Flow (2)
103	127.78	129.55	Shut-in(2)
166	1277.46	130.34	End Shut-in(2)
167	2481.21	129.36	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	Wtr 100%	0.15
160.00	Mud 100%	0.79

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18144

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2004.04.12 @ 22:00:09

### Tool Information

Drill Pipe:	Length: 4690.00 ft	Diameter: 3.80 inches	Volume: 65.79 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 418.00 ft	Diameter: 2.25 inches	Volume: 2.06 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 67.85 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5104.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	64.00 ft				
Tool Length:	91.00 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			5078.00	
Shut In Tool	5.00			5083.00	
Hydraulic tool	5.00			5088.00	
Jars	5.00			5093.00	
Safety Joint	2.00			5095.00	
Packer	4.00			5099.00	27.00 Bottom Of Top Packer
Packer	5.00			5104.00	
Stubb	1.00			5105.00	
Recorder	0.00	6773	Inside	5105.00	
Perforations	25.00			5130.00	
Change Over Sub	1.00			5131.00	
Anchor	31.00			5162.00	
Change Over Sub	1.00			5163.00	
Recorder	0.00	13309	Outside	5163.00	
Bullnose	5.00			5168.00	64.00 Bottom Packers & Anchor

**Total Tool Length: 91.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18144

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2004.04.12 @ 22:00:09

### 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:

15000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Wtr 100%	0.148
160.00	Mud 100%	0.787

Total Length: 190.00 ft

Total Volume: 0.935 bbl

Num Fluid Samples: 0

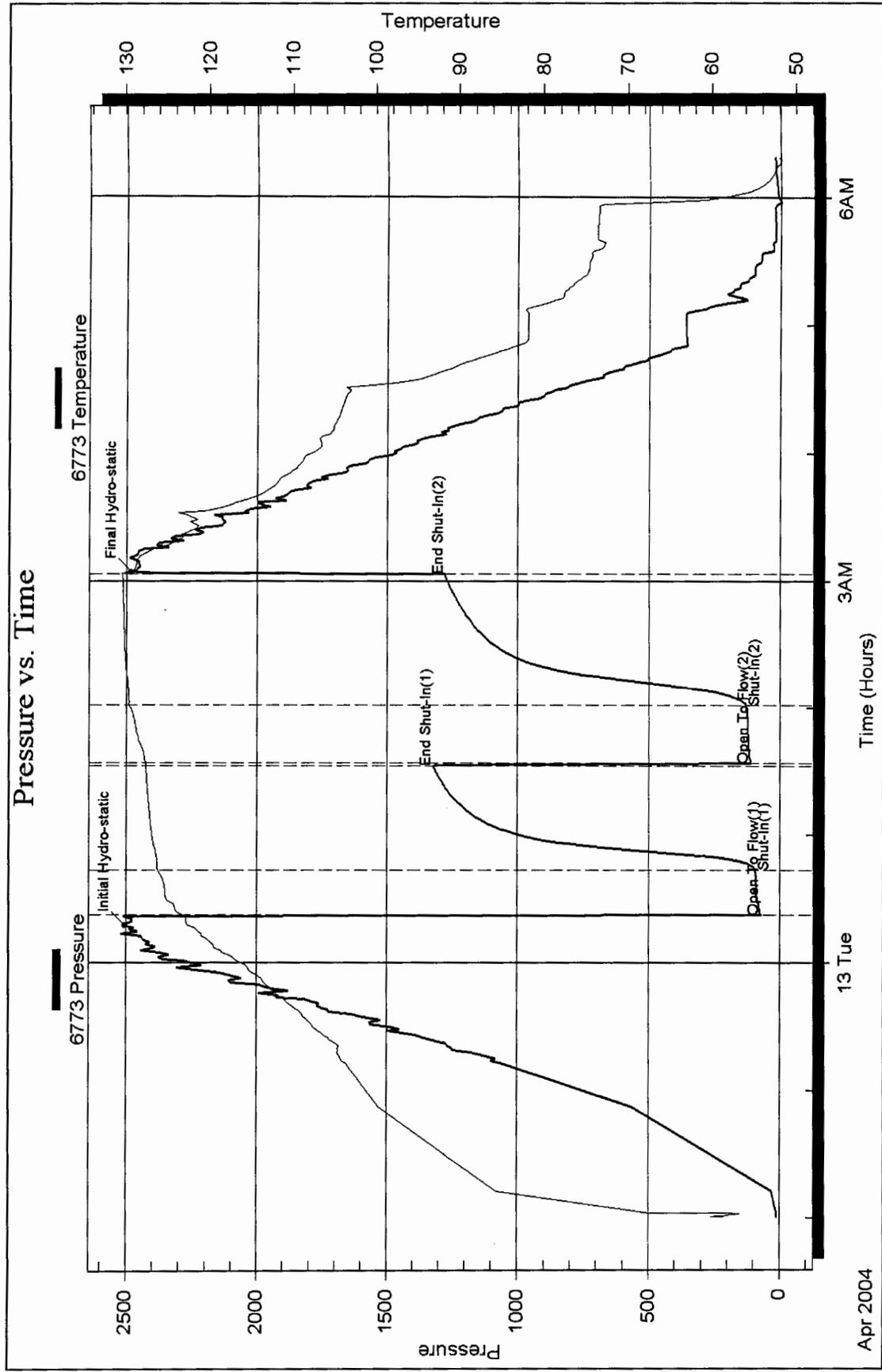
Num Gas Bombs: 0

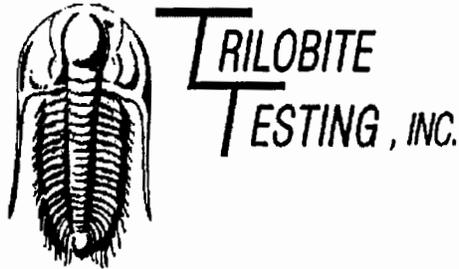
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .45 @ 70 Deg = 15,000 Chlorides





## DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P O Box 401  
Fairfield IL. 62837

ATTN: Jon Christensen

**27-29S-32W Haskell**

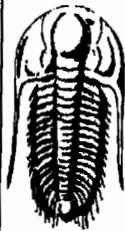
**Elliott #1**

Start Date: 2004.04.14 @ 20:28:42

End Date: 2004.04.15 @ 05:45:42

Job Ticket #: 18145                      DST #: 2

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.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18145

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2004.04.14 @ 20:28:42

### GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:42

Time Test Ended: 05:45:42

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **5521.00 ft (KB) To 5545.00 ft (KB) (TVD)**

Reference Elevations: 2903.00 ft (KB)

Total Depth: 5545.00 ft (KB) (TVD)

2898.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 6773** Inside

Press@RunDepth: 308.35 psig @ 5522.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.04.14

End Date:

2004.04.15

Last Calib.: 1899.12.30

Start Time: 20:28:43

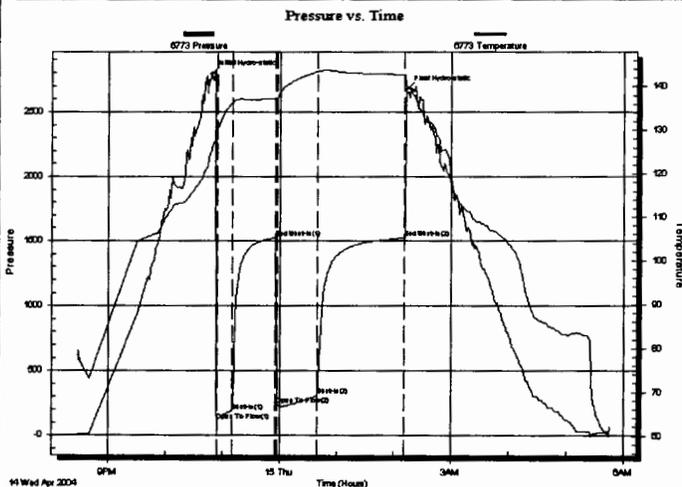
End Time:

05:45:42

Time On Btm: 2004.04.14 @ 22:48:12

Time Off Btm: 2004.04.15 @ 02:13:27

**TEST COMMENT:** F; Fair to strong off bttm in 6 mins  
IS; Fair return built to bttm in 25 mins  
FF; Fair to strong off bttm in 2 mins  
FS; Fair return built to bttm in 10 mins



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2791.53	125.60	Initial Hydro-static
6	112.39	129.43	Open To Flow (1)
22	186.86	136.33	Shut-in(1)
68	1524.27	137.28	End Shut-in(1)
69	240.05	137.10	Open To Flow (2)
112	308.35	143.43	Shut-in(2)
203	1521.46	142.77	End Shut-in(2)
206	2673.66	140.09	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
418.00	Wtr.	2.06
60.00	MCW 70%w tr 30%mud	0.84
60.00	OWCM 5%oil 10%w tr 85%mud	0.84
60.00	OCM 15%oil 85%mud	0.84
35.00	CGO 20%gas 80%oil	0.49
	1115 GIP	

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18145

**DST#: 2**

ATTN: Jon Christensen

Test Start: 2004.04.14 @ 20:28:42

### Tool Information

Drill Pipe:	Length: 5096.00 ft	Diameter: 3.80 inches	Volume: 71.48 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: 25000.00 lb
Drill Collar:	Length: 418.00 ft	Diameter: 2.25 inches	Volume: 2.06 bbl	Weight to Pull Loose: 90000.00 lb
		<u>Total Volume:</u>	<u>73.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5521.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 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			5495.00	
Shut In Tool	5.00			5500.00	
Hydraulic tool	5.00			5505.00	
Jars	5.00			5510.00	
Safety Joint	2.00			5512.00	
Packer	4.00			5516.00	27.00 Bottom Of Top Packer
Packer	5.00			5521.00	
Stubb	1.00			5522.00	
Recorder	0.00	6773	Inside	5522.00	
Perforations	18.00			5540.00	
Recorder	0.00	13309	Outside	5540.00	
Bullnose	5.00			5545.00	24.00 Bottom Packers & Anchor

**Total Tool Length: 51.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18145      **DST#: 2**

ATTN: Jon Christensen

Test Start: 2004.04.14 @ 20:28:42

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume:	bbbl	
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:	psig	
Salinity: 2500.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
418.00	Wtr.	2.056
60.00	MCW 70%w tr 30%mud	0.842
60.00	OWCM 5%oil 10%w tr 85%mud	0.842
60.00	OCM 15%oil 85%mud	0.842
35.00	CGO 20%gas 80%oil	0.491
	1115 GIP	

Total Length: 633.00 ft      Total Volume: 5.073 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: RW .10 @ 70 Deg = 80,000 Chlorides

Serial #: 6773

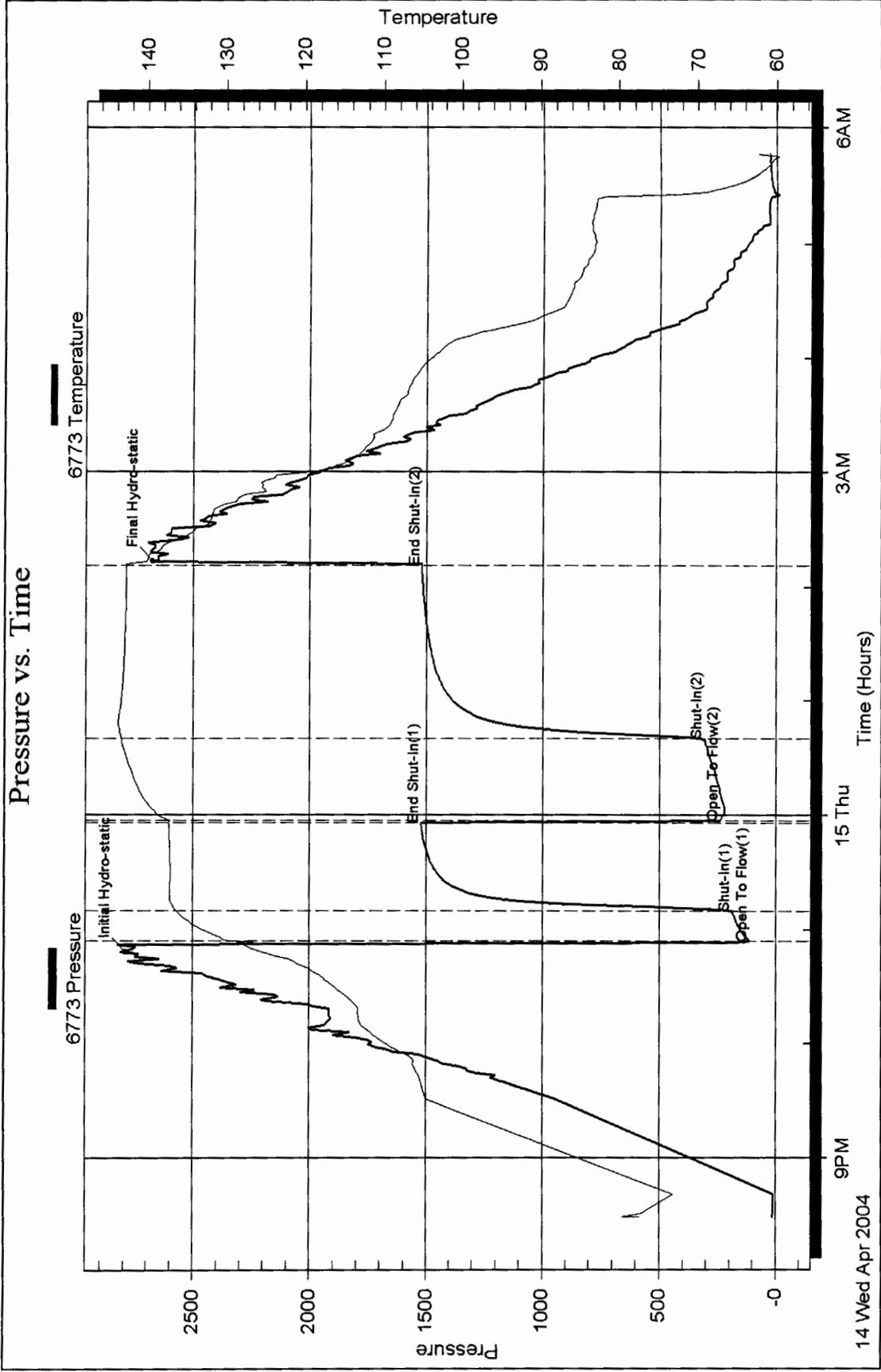
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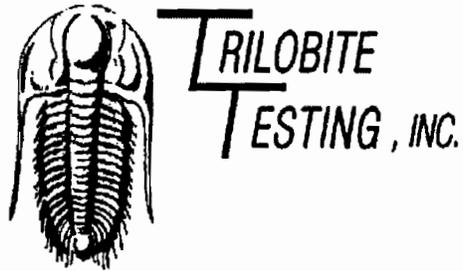
Strata Exploration Inc.

27-29S-32W Haskell

DST Test Number: 2

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P O Box 401  
Fairfield IL. 62837

ATTN: Jon Christensen

**27-29S-32W Haskell**

**Elliott #1**

Start Date: 2004.04.16 @ 05:43:21

End Date: 2004.04.16 @ 11:39:06

Job Ticket #: 18146                      DST #: 3

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.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18146

**DST#: 3**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 05:43:21

### GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 11:39:06

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **5508.00 ft (KB) To 5528.00 ft (KB) (TVD)**

Reference Elevations: 2903.00 ft (KB)

Total Depth: 5642.00 ft (KB) (TVD)

2898.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 6773** Inside

Press@RunDepth: psig @ 5509.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.04.16

End Date:

2004.04.16

Last Calib.:

1899.12.30

Start Time: 05:43:22

End Time:

11:39:06

Time On Btm:

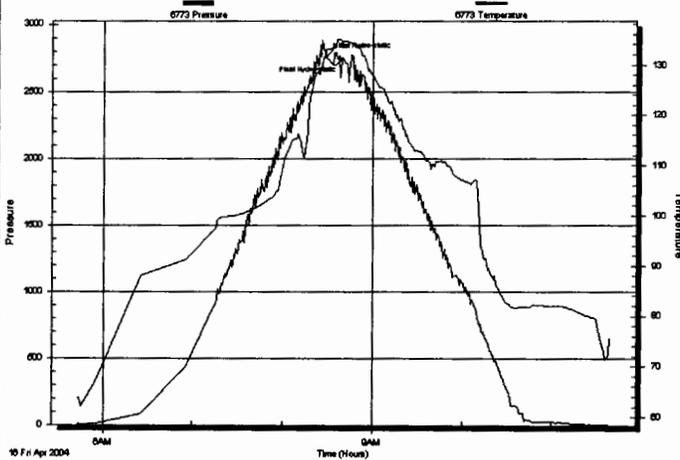
2004.04.16 @ 08:28:36

Time Off Btm:

2004.04.16 @ 08:39:06

TEST COMMENT: IF; Packer Seat failed - reset tool - no help - TOH

Pressure vs. Time



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2759.12	133.08	Initial Hydro-static
11	2744.28	134.67	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
465.00	Mud 100%	2.71

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18146

**DST#: 3**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 05:43:21

### Tool Information

Drill Pipe:	Length: 5091.00 ft	Diameter: 3.80 inches	Volume: 71.41 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	35000.00 lb
Drill Collar:	Length: 418.00 ft	Diameter: 2.25 inches	Volume: 2.06 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 73.47 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5508.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	134.00 ft				
Tool Length:	163.00 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			5480.00	
Shut In Tool	5.00			5485.00	
Sampler	2.00			5487.00	
Hydraulic tool	5.00			5492.00	
Jars	5.00			5497.00	
Safety Joint	2.00			5499.00	
Packer	4.00			5503.00	29.00 Bottom Of Top Packer
Packer	5.00			5508.00	
Stubb	1.00			5509.00	
Recorder	0.00	6773	Inside	5509.00	
Perforations	14.00			5523.00	
Recorder	0.00	13276	Outside	5523.00	
Blank Off Sub	1.00			5524.00	134.00 Tool Interval
Packer	4.00			5528.00	
Stubb	1.00			5529.00	
Perforations	13.00			5542.00	
Change Over Sub	1.00			5543.00	
Anchor	93.00			5636.00	
Change Over Sub	1.00			5637.00	
Recorder	0.00	13309	Below	5637.00	
Bullnose	5.00			5642.00	1000162.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>		<b>163.00</b>			



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18146

**DST#: 3**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 05:43:21

**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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

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
465.00	Mud 100%	2.715

Total Length: 465.00 ft

Total Volume: 2.715 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

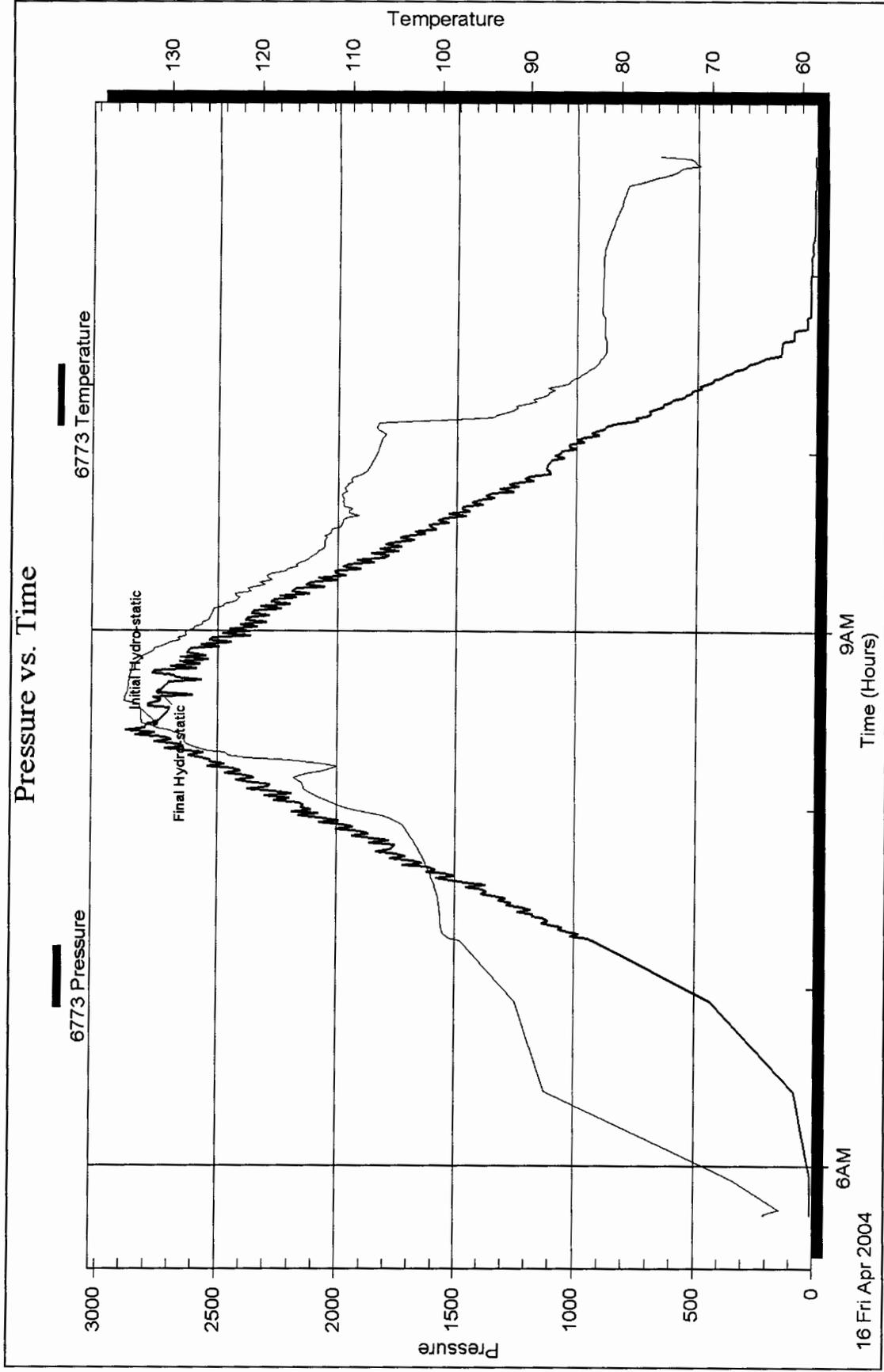
Serial #: 6773

Inside

Strata Exploration Inc.

27-29S-32W Haskell

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 18146

Printed: 2004.04.22 @ 14:02:05 Page 5



## DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P O Box 401  
Fairfield IL. 62837

ATTN: Jon Christensen

**27-29S-32W Haskell**

**Elliott #1**

Start Date: 2004.04.16 @ 12:05:42

End Date: 2004.04.16 @ 20:20:57

Job Ticket #: 18147                      DST #: 4

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.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18147

**DST#: 4**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 12:05:42

## GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 20:20:57

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **5500.00 ft (KB) To 5528.00 ft (KB) (TVD)**

Reference Elevations: 2903.00 ft (KB)

Total Depth: 5642.00 ft (KB) (TVD)

2898.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 6773** Inside

Press@RunDepth: psig @ 5501.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.04.16

End Date:

2004.04.16

Last Calib.:

1899.12.30

Start Time: 12:05:43

End Time:

20:20:57

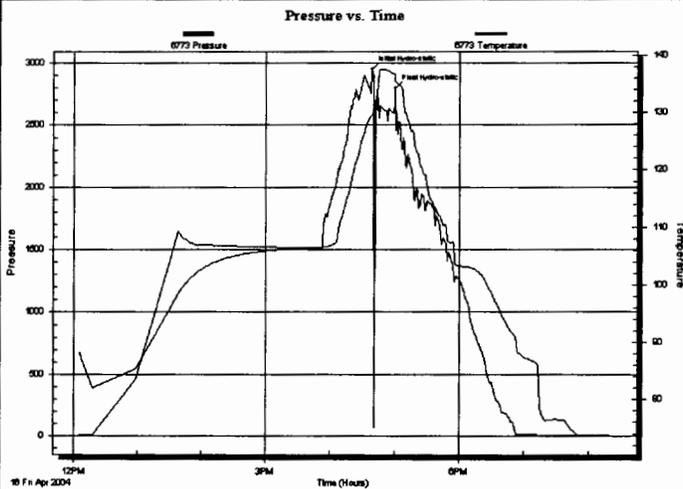
Time On Btrn:

2004.04.16 @ 16:38:12

Time Off Btrn:

2004.04.16 @ 17:00:12

TEST COMMENT: F; Packer Seat Failed - Reset Tool - No Help - TOH



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2948.71	129.61	Initial Hydro-static
22	2797.84	135.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	1.18

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18147

**DST#: 4**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 12:05:42

**Tool Information**

Drill Pipe:	Length: 5060.00 ft	Diameter: 3.80 inches	Volume: 70.98 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	35000.00 lb
Drill Collar:	Length: 418.00 ft	Diameter: 2.25 inches	Volume: 2.06 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 73.04 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5500.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	142.00 ft				
Tool Length:	171.00 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			5472.00	
Shut In Tool	5.00			5477.00	
Sampler	2.00			5479.00	
Hydraulic tool	5.00			5484.00	
Jars	5.00			5489.00	
Safety Joint	2.00			5491.00	
Packer	4.00			5495.00	29.00 Bottom Of Top Packer
Packer	5.00			5500.00	
Stubb	1.00			5501.00	
Recorder	0.00	6773	Inside	5501.00	
Perforations	22.00			5523.00	
Recorder	0.00	13276	Outside	5523.00	
Blank Off Sub	1.00			5524.00	142.00 Tool Interval
Packer	4.00			5528.00	
Stubb	1.00			5529.00	
Perforations	13.00			5542.00	
Change Over Sub	1.00			5543.00	
Blank Spacing	93.00			5636.00	
Change Over Sub	1.00			5637.00	
Recorder	0.00	13309	Below	5637.00	
Bullnose	5.00			5642.00	1000170.00 Bottom Packers & Anchor

**Total Tool Length: 171.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18147

**DST#: 4**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 12:05:42

## 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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in<sup>3</sup>

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
240.00	Mud 100%	1.180

Total Length: 240.00 ft

Total Volume: 1.180 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

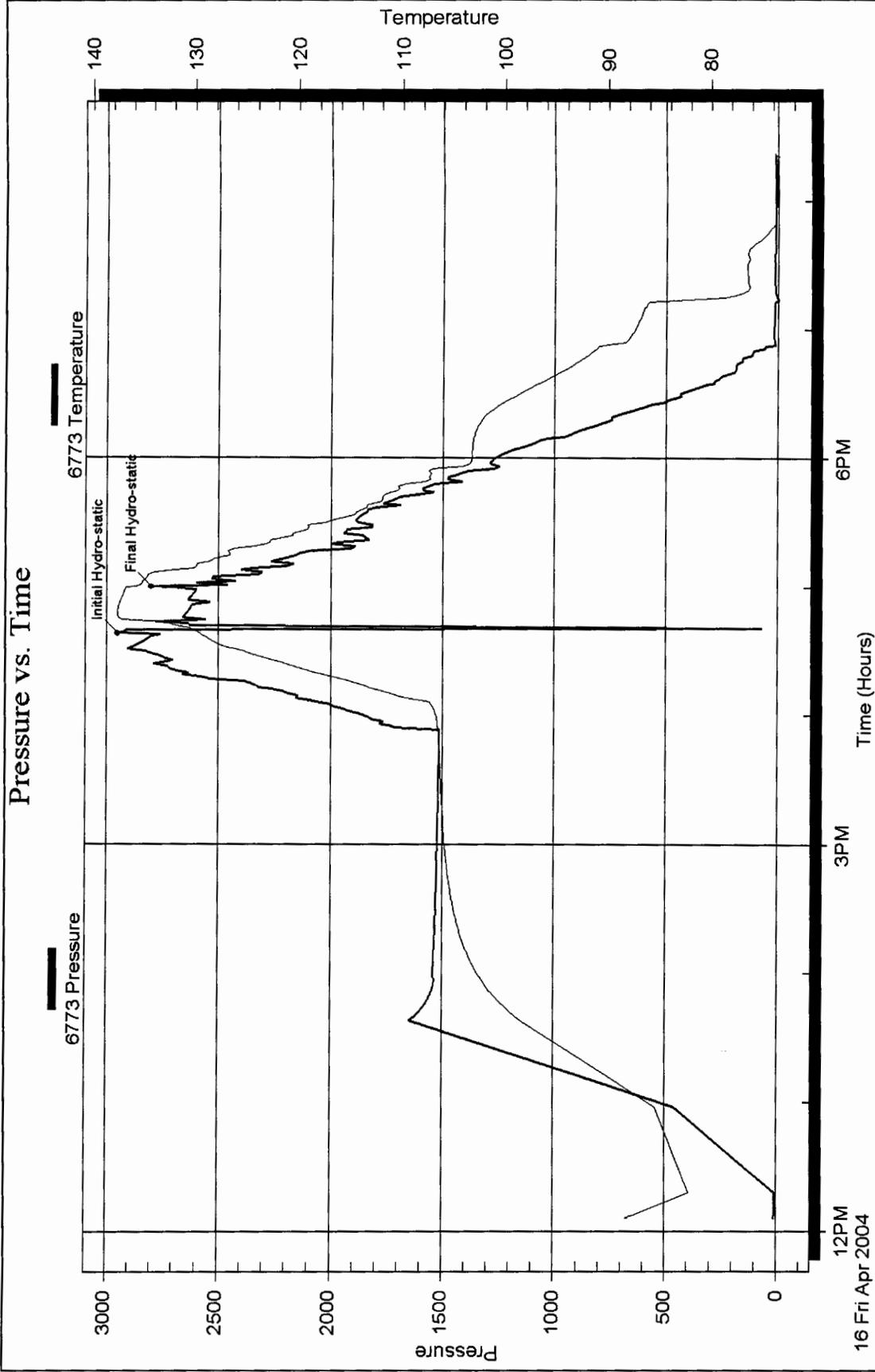
Serial #: 6773

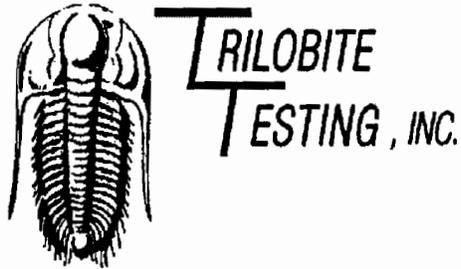
Inside

Strata Exploration Inc.

27-29S-32W Haskell

DST Test Number: 4





## DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P O Box 401  
Fairfield IL. 62837

ATTN: Jon Christensen

**27-29S-32W Haskell**

**Elliott #1**

Start Date: 2004.04.16 @ 20:35:11

End Date: 2004.04.17 @ 06:54:40

Job Ticket #: 18148                      DST #: 5

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.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18148

**DST#: 5**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 20:35:11

## GENERAL INFORMATION:

Formation: **Morrow**

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

Time Tool Opened: 22:37:40

Time Test Ended: 06:54:40

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **5237.00 ft (KB) To 5355.00 ft (KB) (TVD)**

Reference Elevations: **2903.00 ft (KB)**

Total Depth: **5642.00 ft (KB) (TVD)**

**2898.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **5.00 ft**

**Serial #: 6773** **Inside**

Press@RunDepth: **794.69 psig @ 5238.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.04.16**

End Date:

**2004.04.17**

Last Calib.: **1899.12.30**

Start Time: **20:35:11**

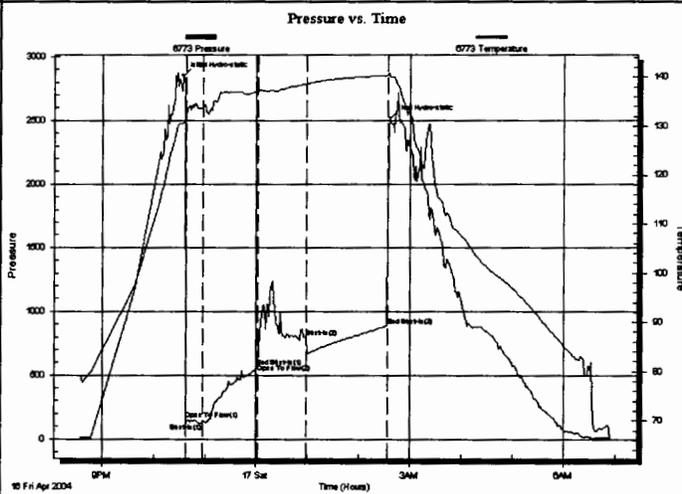
End Time:

**06:54:40**

Time On Btm: **2004.04.16 @ 22:33:55**

Time Off Btm: **2004.04.17 @ 02:36:10**

TEST COMMENT: IF; Tool Slid 2" Weak blow built to 3"  
IS; 3" return blow  
FF; Weak to fair off btm in 35 mins  
FS; Weak to fair off btm in 35 mins



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2849.99	130.70	Initial Hydro-static
4	155.07	131.76	Open To Flow (1)
24	125.45	133.66	Shut-In(1)
87	563.34	137.14	End Shut-In(1)
88	589.63	137.20	Open To Flow (2)
145	794.69	138.59	Shut-In(2)
240	888.83	140.35	End Shut-In(2)
243	2515.93	140.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
500.00	Wtr	3.21
745.00	GOMCW 20%gas 1%oil 49%w tr 30% muc10.45	
335.00	GOMCW 25%gas 1%oil 39%w tr 35% muc4.70	

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18148

**DST#: 5**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 20:35:11

### Tool Information

Drill Pipe:	Length: 4807.00 ft	Diameter: 3.80 inches	Volume: 67.43 bbl	Tool Weight: 4000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 418.00 ft	Diameter: 2.25 inches	Volume: 2.06 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 69.49 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	5237.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	404.00 ft			
Tool Length:	431.00 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			5211.00	
Shut In Tool	5.00			5216.00	
Hydraulic tool	5.00			5221.00	
Jars	5.00			5226.00	
Safety Joint	2.00			5228.00	
Packer	4.00			5232.00	27.00 Bottom Of Top Packer
Packer	5.00			5237.00	
Stubb	1.00			5238.00	
Recorder	0.00	6773	Inside	5238.00	
Perforations	2.00			5240.00	
Change Over Sub	1.00			5241.00	
Anchor	93.00			5334.00	
Change Over Sub	1.00			5335.00	
Perforations	14.00			5349.00	
Recorder	0.00	13276	Outside	5349.00	
Blank Off Sub	1.00			5350.00	404.00 Tool Interval
Packer	4.00			5354.00	
Stubb	1.00			5355.00	
Change Over Sub	1.00			5356.00	
Blank Spacing	279.00			5635.00	
Change Over Sub	1.00			5636.00	
Recorder	0.00	13309	Below	5636.00	
Bullnose	5.00			5641.00	1000430.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>431.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Strata Exploration Inc.

**Elliott #1**

P O Box 401  
Fairfield IL. 62837

**27-29S-32W Haskell**

Job Ticket: 18148

**DST#: 5**

ATTN: Jon Christensen

Test Start: 2004.04.16 @ 20:35:11

### 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:

65000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in<sup>3</sup>

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
500.00	Wtr	3.206
745.00	GOMCW 20%gas 1%oil 49%w tr 30%mud	10.450
335.00	GOMCW 25%gas 1%oil 39%w tr 35%mud	4.699

Total Length: 1580.00 ft      Total Volume: 18.355 bbl

Num Fluid Samples: 0

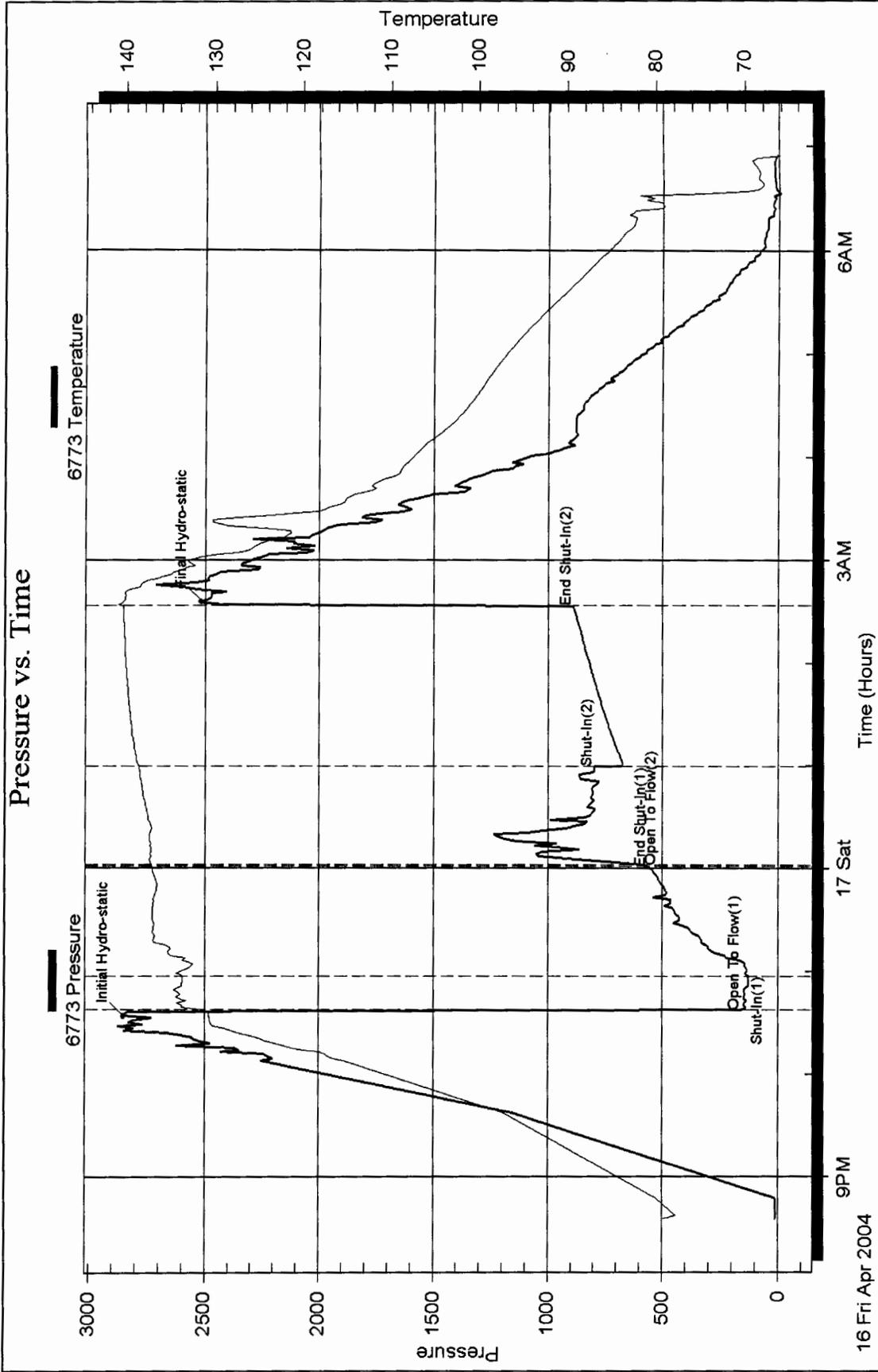
Num Gas Bombs: 0

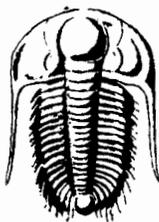
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .12 @ 70 Deg = 65,000 Chlorides





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV  
6348

N<sup>o</sup> 18144

05/03

## Test Ticket

Well Name & No. Elliott #1 Test No. 1 Date 4-12-04  
 Company Strata Exploration Inc. Zone Tested Atoka  
 Address P.O. Box 401 Fairfield IL 62837 Elevation 2903 KB 2898 GL  
 Co. Rep / Geo. Jon Christensen Cont. Abercrombie #8 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 27 Twp. 29<sup>S</sup> Rge. 32<sup>W</sup> Co. Haskell State KS  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 5104 - 5167 Initial Str Wt./Lbs. 75,000 Unseated Str Wt/Lbs. 90,000  
 Anchor Length 63' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 82,000  
 Top Packer Depth 5099 Tool Weight 2,500  
 Bottom Packer Depth 5104 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 5167 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run 418'  
 Mud Wt. 9.1 LCM 1\* Vis. 56 WL 8.8 Drill Pipe Size 4 1/2" XH Ft. Run 4690'

Blow Description IF: Fair to strong off btm 12 mins.  
ISI: No return  
FF: Weak surface return in 5 mins built to 1"  
FSI: No return

Recovery - Total Feet 190' GIP — Ft. in DC 190' Ft. in DP —  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. 160' Feet of Drlg Mud %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water 100 %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil 100 %water \_\_\_\_\_ %mud  
 Rec. 30' Feet of Wtr. %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW -45 @ 70° °F Chlorides 15,000 ppm Recovery \_\_\_\_\_ Chlorides 2,400 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2505</u> PSI		<u>6773</u>	
(B) First Initial Flow Pressure	<u>70</u> PSI	(depth)	<u>5105</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>91</u> PSI	Recorder No.	<u>13309</u>	Jars <u>X</u>
(D) Initial Shut-In Pressure	<u>1322</u> PSI	(depth)	<u>5162</u>	Safety Jt. <u>X</u>
(E) Second Initial Flow Pressure	<u>109</u> PSI	Recorder No.		Circ Sub <u>X</u> <u>N/C</u>
(F) Second Final Flow Pressure	<u>127</u> PSI	(depth)		Sampler _____
(G) Final Shut-In Pressure	<u>1277</u> PSI	Initial Opening	<u>23</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2481</u> PSI	Initial Shut-In	<u>45</u>	Ext. Packer _____
		Final Flow	<u>4530</u>	Shale Packer _____
		Final Shut-In	<u>9060</u>	Mileage <u>1 way 76</u>

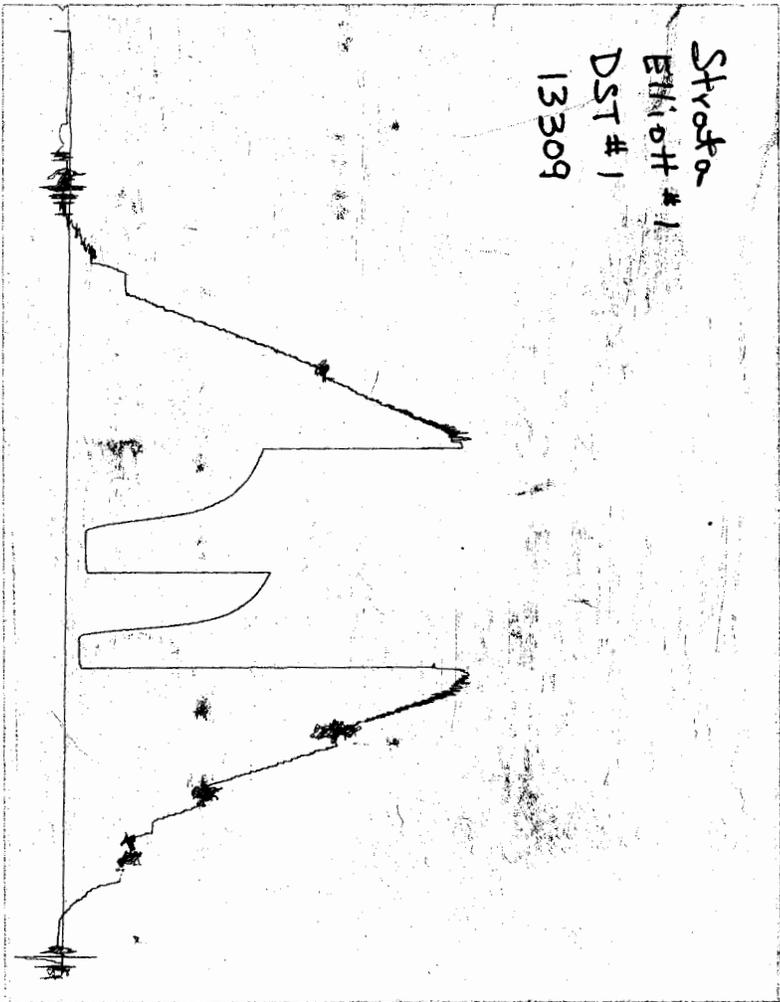
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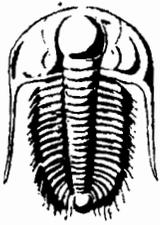
Approved By Jon Christensen  
 Our Representative Rod Steinbrink

T-On Location 2115  
 T-Started 2200 4-12-04  
 T-Open 4-13-04  
 T-Pulled \_\_\_\_\_  
 T-Out \_\_\_\_\_  
 Sub Total: 1429.20  
 Std. By \_\_\_\_\_  
 Other \_\_\_\_\_  
 Total: \_\_\_\_\_

# CHART PAGE

This is a photocopy of the actual AK-1 recorder chart





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 18145

05/03

## Test Ticket

Well Name & No. Elliott #1 Test No. 2 Date 4-14-04  
 Company Strata Exploration Inc. Zone Tested St. Louis  
 Address P.O. Box 401 Fairfield IL. 62837 Elevation 2903 KB 2898 GL  
 Co. Rep / Geo. Jon Christensen Cont. Abercrombie #8 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 27 Twp. 29<sup>S</sup> Rge. 32<sup>W</sup> Co. Haskell State KS.  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 5521 - 5545 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 86,000  
 Anchor Length 24' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 90,000  
 Top Packer Depth 5516 Tool Weight 2,000  
 Bottom Packer Depth 5521 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 5545 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run 418'  
 Mud Wt. 9.2 LCM 2\* Vis. 55 WL 8.0 Drill Pipe Size 4 1/2" XH Ft. Run 5096'

Blow Description IF: Fair to strong off btm 6 mins.  
ISI: Fair return built off btm 25 mins  
FF: Strong blow off btm 2 mins.  
FSI: Fair return built off btm 10 mins

Recovery - Total Feet 633' GIP 1115' Ft. in DC 418 Ft. in DP 215'  
 Rec. 35' Feet of CGO 20 %gas 80 %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. 60' Feet of DCM \_\_\_\_\_ %gas 15 %oil \_\_\_\_\_ %water 85 %mud  
 Rec. 60' Feet of DCM \_\_\_\_\_ %gas 5 %oil 10 %water 85 %mud  
 Rec. 60' Feet of MCMW \_\_\_\_\_ %gas \_\_\_\_\_ %oil 70 %water 30 %mud  
 Rec. 418' Feet of Wtr \_\_\_\_\_ %gas \_\_\_\_\_ %oil 100 %water \_\_\_\_\_ %mud  
 BHT 142° °F Gravity 32 °API D @ 60° °F Corrected Gravity 32 °API  
 RW .10 @ 70° °F Chlorides 80,000 ppm Recovery \_\_\_\_\_ Chlorides 2,500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2791</u> PSI		<u>6773</u>	
(B) First Initial Flow Pressure	<u>112</u> PSI	(depth)	<u>5522</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>186</u> PSI	Recorder No.	<u>13309</u>	Jars <u>X</u>
(D) Initial Shut-In Pressure	<u>1524</u> PSI	(depth)	<u>5540</u>	Safety Jt. <u>X</u>
(E) Second Initial Flow Pressure	<u>240</u> PSI	Recorder No.		Circ Sub <u>X</u> <u>n/c</u>
(F) Second Final Flow Pressure	<u>308</u> PSI	(depth)		Sampler _____
(G) Final Shut-In Pressure	<u>1521</u> PSI	Initial Opening	<u>15</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2673</u> PSI	Initial Shut-In	<u>45</u>	Ext. Packer _____
		Final Flow	<u>45</u>	Shale Packer _____
		Final Shut-In	<u>90</u>	Mileage <u>76</u>
		T-On Location	<u>2000</u>	Sub Total: <u>1429.20</u>
		T-Started	<u>2028</u>	Std. By _____
		T-Open	<u>2253</u>	Other _____
		T-Pulled	<u>0210</u>	Total: _____
		T-Out	<u>0545</u>	
		T-Off	<u>0645</u>	

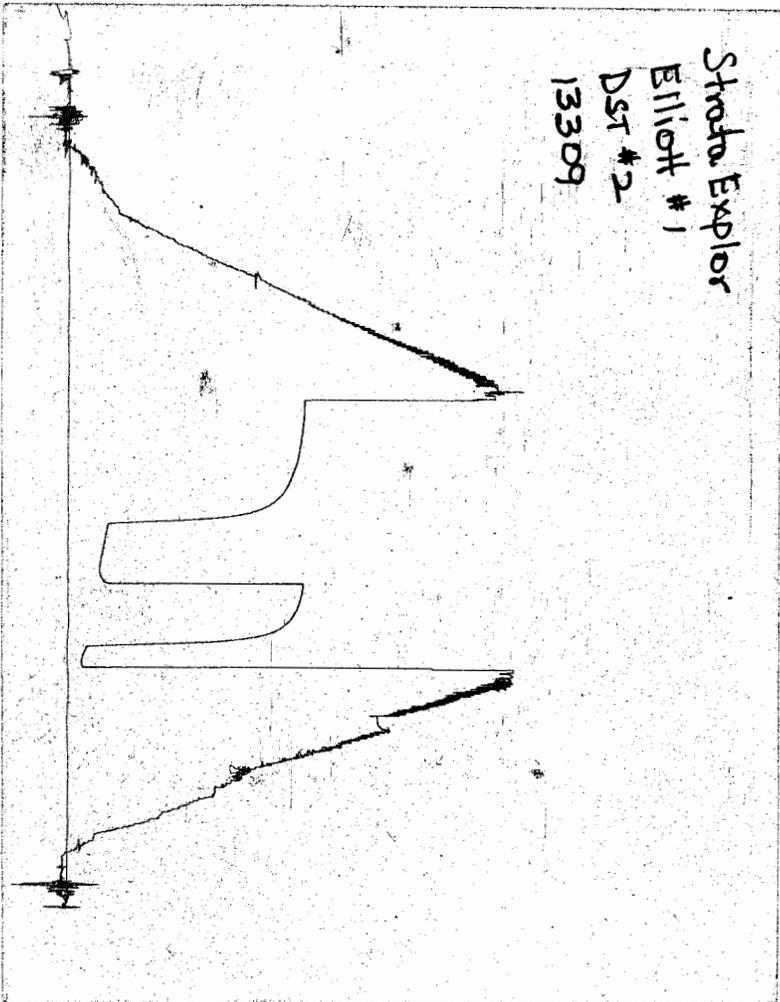
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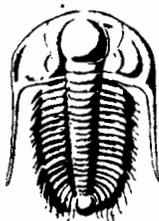
Approved By [Signature]

Our Representative Rod Steinbrink

# CHART PAGE

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# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 18146

05/03

## Test Ticket

Well Name & No. Elliott #1 Test No. 3 Date 4-16-04  
 Company Strata Exploration Inc. Zone Tested St. Louis  
 Address P.O. Box 401 Fairfield IL. 62837 Elevation 2903 KB 2898 GL  
 Co. Rep / Geo. Jon Christensen Cont. Abercrombie #8 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 27 Twp. 29<sup>S</sup> Rge. 32<sup>W</sup> Co. Haskell State KS.  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 5508 - 5528 Initial Str Wt./Lbs. 75,000 Unseated Str Wt./Lbs. 75,000  
 Anchor Length 20' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 90,000  
 Top Packer Depth 5503 - 5508 Tool Weight 2,500  
 Bottom Packer Depth 5528 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 5642 (LTD) Wt. Pipe Run — Drill Collar Run 418'  
 Mud Wt. 9.1 LCM \_\_\_\_\_ Vis. 57 WL 8.8 Drill Pipe Size 4 1/2" XH Ft. Run 5091'  
 Blow Description IF: Packer Seat Failed - Reset Tool / No Help - TDH

FF:

Recovery - Total Feet 465' GIP \_\_\_\_\_ Ft. in DC 418' Ft. in DP 47'  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas %oil %water %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas %oil %water %mud  
 Rec. 465' Feet of Drlg. Mud %gas %oil %water %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas %oil %water %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas %oil %water %mud  
 BHT 135<sup>o</sup> °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 3,000 ppm System

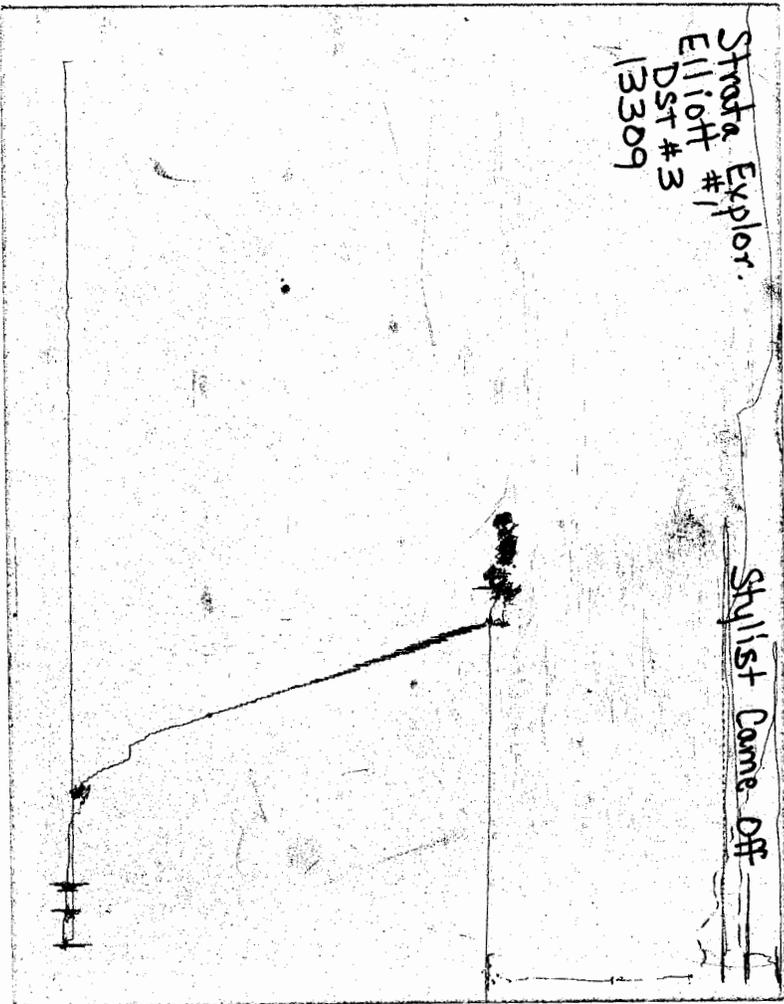
	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2759</u>	PSI	Recorder No. <u>6773</u>	Test	<u>700</u>
(B) First Initial Flow Pressure		PSI	(depth) <u>5509</u>	Elec. Rec.	<u>X 150</u>
(C) First Final Flow Pressure		PSI	Recorder No. <u>13276</u>	Jars	<u>X 200</u>
(D) Initial Shut-In Pressure		PSI	(depth) <u>5523</u>	Safety Jt.	<u>X 50</u>
(E) Second Initial Flow Pressure		PSI	Recorder No. <u>13309</u>	Circ Sub	<u>X N/C —</u>
(F) Second Final Flow Pressure		PSI	(depth) <u>5637</u>	Sampler	<u>X 200</u>
(G) Final Shut-In Pressure		PSI	<b>Initial Opening</b>	Straddle	<u>X 250</u>
(Q) Final Hydrostatic Mud	<u>2744</u>	PSI	Initial Shut-In	Ext. Packer	<u>X 150</u>
			Final Flow	Shale Packer	<u>129.20</u>
			Final Shut-In	Mileage	<u>76 1829.20</u>
			<b>T-On Location</b> <u>0300</u>	Sub Total:	<u>                    </u>
			T-Started <u>0543</u>	Std. By	_____
			T-Open <u>0829</u>	Other	_____
			T-Pulled <u>0838</u>	Total:	_____
			T-Out <u>1139</u>		

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Approved By [Signature]  
 Our Representative Rod Steinbrink

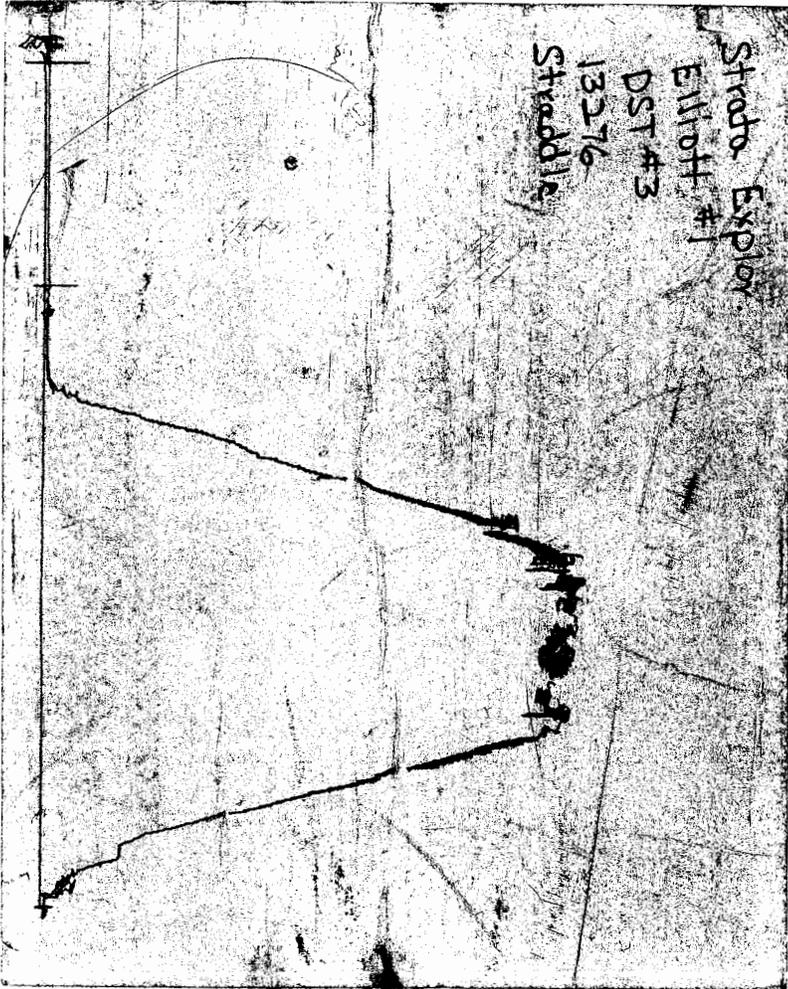
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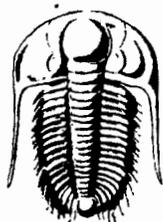
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**CHART PAGE**

This is a photocopy of the actual AK-1 recorder chart





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 18147

05/03

## Test Ticket

Well Name & No. Elliott #1 Test No. 4 Date 4-16-04  
 Company Strata Exploration Inc. Zone Tested St. Louis  
 Address P.O. Box 401 Fairfield IL. 62837 Elevation 2903 KB 2898 GL  
 Co. Rep / Geo. Jon Christensen Cont. Abercrombie #8 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 27 Twp. 29<sup>S</sup> Rge. 32<sup>W</sup> Co. Haskell State KS.  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 5500 - 5528 Initial Str Wt./Lbs. 75,000 Unseated Str Wt./Lbs. 75,000  
 Anchor Length 28' Wt. Set Lbs. 35,000 Wt. Pulled Loose/Lbs. 90,000  
 Top Packer Depth 5495 - 5500 Tool Weight 3,000  
 Bottom Packer Depth 5528 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 5642 (LTD) Wt. Pipe Run — Drill Collar Run 418'  
 Mud Wt. 9.1 LCM \_\_\_\_\_ Vis. \$7 WL B.8 Drill Pipe Size 4 1/2" XH Ft. Run 5060'

Blow Description \_\_\_\_\_  
IF: Packer Seat Failed - Reset Tool - No Help - TOH

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>420'</u>	<u>—</u>		
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. <u>420'</u>	Feet of <u>Drlg. Mud</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>136°</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____
RW _____	@ _____ °F	Chlorides _____ ppm	Recovery _____ Chlorides <u>3,000</u> ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2948</u>	PSI	<u>6773</u>	<u>Misrun 700</u>
(B) First Initial Flow Pressure		PSI	(depth) <u>5501</u>	Elec. Rec. <u>X 150</u>
(C) First Final Flow Pressure		PSI	Recorder No. <u>13216</u>	Jars <u>X 200</u>
(D) Initial Shut-In Pressure		PSI	(depth) <u>5523</u>	Safety Jt. <u>X 50</u>
(E) Second Initial Flow Pressure		PSI	Recorder No. <u>13309</u>	Circ Sub <u>X n/c —</u>
(F) Second Final Flow Pressure		PSI	(depth) <u>5637</u>	Sampler <u>—</u>
(G) Final Shut-In Pressure		PSI	<b>Initial Opening</b>	Straddle <u>X 250</u>
(Q) Final Hydrostatic Mud	<u>2797</u>	PSI	Initial Shut-In	Ext. Packer <u>X 150</u>
			Final Flow	Shale Packer <u>X Ruined 250</u>
			Final Shut-In	Mileage <u>76 Fl Shale Pkr 129.20</u>

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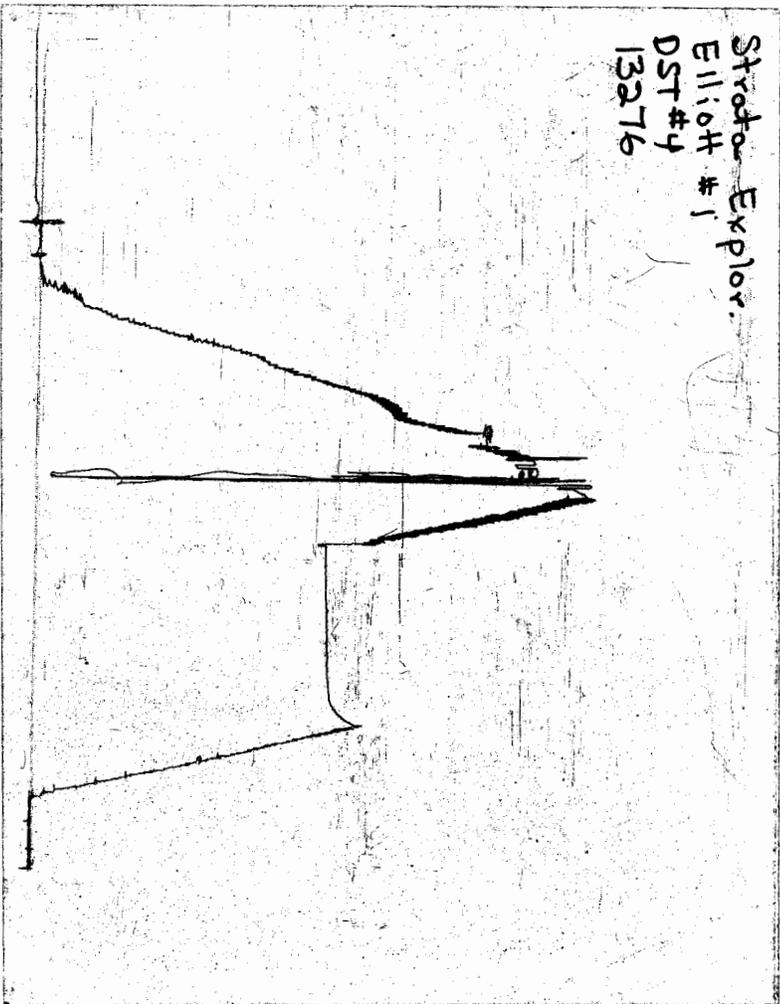
Approved By Jon Christensen  
 Our Representative Rod Steinbrink

T-On Location	T-Started	T-Open	T-Pulled	T-Out
	<u>1205</u>	<u>1639</u>	<u>1659</u>	<u>2020</u>

Sub Total: \_\_\_\_\_  
 Std. By 2029.20  
 Other \_\_\_\_\_  
 Total: \_\_\_\_\_

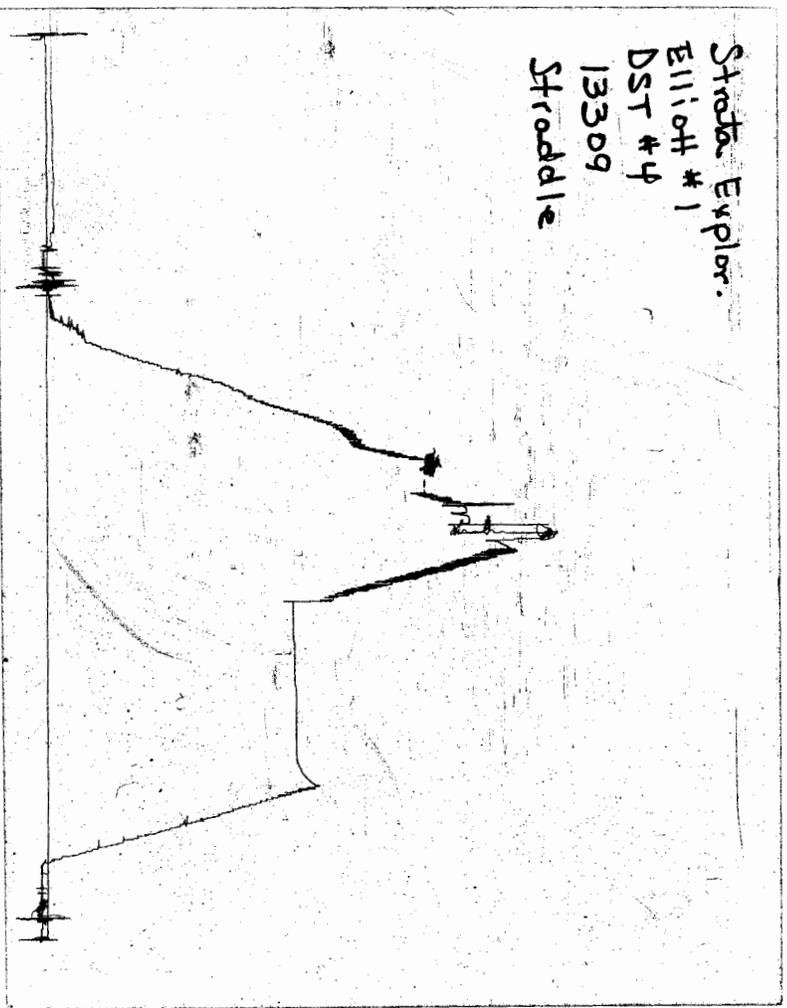
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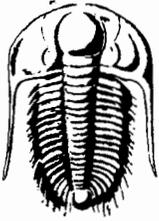
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# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 18148

05/03

## Test Ticket

Well Name & No. Elliott #1 Test No. 5 Date 4-16-04  
 Company Strata Exploration Inc. Zone Tested Morrow  
 Address P.O. Box 401 Fairfield IL. 62837 Elevation 2903 KB 2898 GL  
 Co. Rep / Geo. Jon Christensen Cont. Abercrombie #8 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 27 Twp. 29<sup>s</sup> Rge. 32<sup>w</sup> Co. Haskell State KS.  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 5237 - 5355 Initial Str Wt./Lbs. 75,000 Unseated Str Wt/Lbs. 86,000  
 Anchor Length 118' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 100,000  
 Top Packer Depth 5232 - 5237 Tool Weight 4,000  
 Bottom Packer Depth 5355 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 5642 Wt. Pipe Run — Drill Collar Run 418'  
 Mud Wt. 9.1 LCM 2\* Vis. 57 WL 8.8 Drill Pipe Size 4 1/2" XH Ft. Run 4807'  
 Blow Description IF: Tool Slid 2' Weak blow built to 3"  
ISI: ~~2'~~ return blow  
FF: Weak to fair off bttm in 35 mins.  
FSI: Weak to fair off bttm in 35 mins.

Recovery - Total Feet 1580' GIP — Ft. in DC 418' Ft. in DP 1162'  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. 335' Feet of GOMCW 25 %gas 1 %oil 39 %water 35 %mud  
 Rec. 745' Feet of GOMCW 20 %gas 1 %oil 49 %water 30 %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. 500' Feet of Wtr %gas \_\_\_\_\_ %oil 100 %water \_\_\_\_\_ %mud  
 BHT 140° °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW .12 @ 70° °F Chlorides 65,000 ppm Recovery \_\_\_\_\_ Chlorides 3,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2849</u>	PSI	<u>6773</u>	<u>900</u>
(B) First Initial Flow Pressure	<u>155</u>	PSI	(depth) <u>5238</u>	Elec. Rec. <u>X</u> <u>150</u>
(C) First Final Flow Pressure	<u>125</u>	PSI	Recorder No. <u>13276</u>	Jars <u>X</u> <u>200</u>
(D) Initial Shut-In Pressure	<u>563</u>	PSI	(depth) <u>5335</u>	Safety Jt. <u>X</u> <u>50</u>
(E) Second Initial Flow Pressure	<u>589</u>	PSI	Recorder No. <u>13309</u>	Circ Sub <u>X</u> <u>N/C</u>
(F) Second Final Flow Pressure	<u>794</u>	PSI	(depth) <u>5637</u>	Sampler _____
(G) Final Shut-In Pressure	<u>888</u>	PSI	Initial Opening <u>15</u>	Straddle <u>X</u> <u>250</u>
(Q) Final Hydrostatic Mud	<u>2515</u>	PSI	Initial Shut-In <u>45</u>	Ext. Packer <u>X</u> <u>150</u>
			Final Flow <u>60</u>	Shale Packer <u>X</u> <u>150</u>
			Final Shut-In <u>90</u>	Mileage <u>no</u>
			T-On Location _____	Sub Total: <u>1850</u>
			T-Started <u>2035</u>	Std. By <u>2hr</u> <u>15</u>
			T-Open <u>2237</u>	Other _____
			T-Pulled <u>0233</u>	Total: <u>1865</u>
			T-Out <u>0654</u>	
			T-off _____	

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Approved By [Signature]  
 Our Representative Rod Steinbrink

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