



DRILL STEM TEST REPORT

Prepared For: **Strata Exploration, Inc.**

P.O. Box 401
Fairfield, IL 62837

ATTN: Jon Christenson

22/29S/32W

Stoops/Webber #3

Start Date: 2005.08.16 @ 09:34:08

End Date: 2005.08.16 @ 19:04:27

Job Ticket #: 22438 DST #: 1

SE SW SW

330 FSL 990 FWL

KB 2914 Total 6532

KCC
SEP 19 2005
CONFIDENTIAL

RECEIVED
SEP 21 2005
KCC WICHITA

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.

P.O. Box 401
Fairfield, IL 62837

ATTN: Jon Christenson

Stoops/Webber #3

22/29S/32W

Job Ticket: 22438

DST#: 1

Test Start: 2005.08.16 @ 09:34:08

GENERAL INFORMATION:

Formation: **Atoka**

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

Time Tool Opened: 12:54:28

Time Test Ended: 19:04:27

Test Type: **Conventional Bottom Hole**

Tester: **Chris Hagman**

Unit No: **34**

Interval: **5100.00 ft (KB) To 5160.00 ft (KB) (TVD)**

Total Depth: **5160.00 ft (KB) (TVD)**

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

Reference Elevations: **2914.00 ft (KB)**

2906.00 ft (CF)

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

Serial #: 6752

Inside

Press@RunDepth: **84.95 psig @ 5102.00 ft (KB)**

Start Date: **2005.08.16**

End Date: **2005.08.16**

Start Time: **09:34:08**

End Time: **19:04:27**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.08.16 @ 12:51:58**

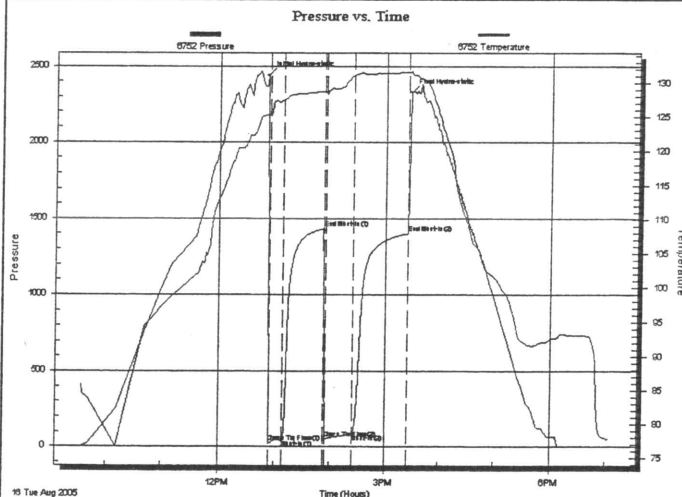
Time Off Btm: **2005.08.16 @ 15:26:58**

TEST COMMENT: IF: Weak surface blow, 1 inch in 10 min.

IS: No blow back

FF: Weak surface blow

FS: No blow back



PRESSURE SUMMARY

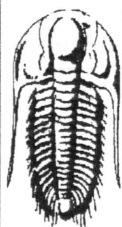
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2437.36	125.30	Initial Hydro-static
3	25.81	125.15	Open To Flow (1)
17	44.54	127.56	Shut-In(1)
61	1432.30	128.73	End Shut-In(1)
64	51.39	128.22	Open To Flow (2)
94	84.95	131.12	Shut-In(2)
153	1400.76	131.55	End Shut-In(2)
156	2327.60	131.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	80%W,20%M	0.30
124.00	40%W,60%M	0.61

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration, Inc.

Stoops/Webber #3

P.O. Box 401
Fairfield, IL 62837

22/29S/32W

Job Ticket: 22438

DST#: 1

ATTN: Jon Christenson

Test Start: 2005.08.16 @ 09:34:08

Tool Information

Drill Pipe:	Length: 4851.00 ft	Diameter: 3.80 inches	Volume: 68.05 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 69.27 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	5100.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	83.00 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			5078.00	
Shut In Tool	5.00			5083.00	
Hydraulic tool	5.00			5088.00	
Safety Joint	3.00			5091.00	
Packer	5.00			5096.00	23.00 Bottom Of Top Packer
Packer	4.00			5100.00	
Stubb	1.00			5101.00	
Perforations	1.00			5102.00	
Recorder	0.00	6752	Inside	5102.00	
Perforations	22.00			5124.00	
Change Over Sub	1.00			5125.00	
Drill Pipe	31.00			5156.00	
Change Over Sub	1.00			5157.00	
Recorder	0.00	13630	Inside	5157.00	
Bullnose	3.00			5160.00	60.00 Bottom Packers & Anchor

Total Tool Length: 83.00



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FLUID SUMMARY

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Stoops/Webber #3

P.O. Box 401
Fairfield, IL 62837

22/29S/32W

Job Ticket: 22438

DST#: 1

ATTN: Jon Christenson

Test Start: 2005.08.16 @ 09:34:08

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:

42000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	80%W,20%M	0.305
124.00	40%W,60%M	0.610

Total Length: 186.00 ft Total Volume: 0.915 bbl

Num Fluid Samples: 0

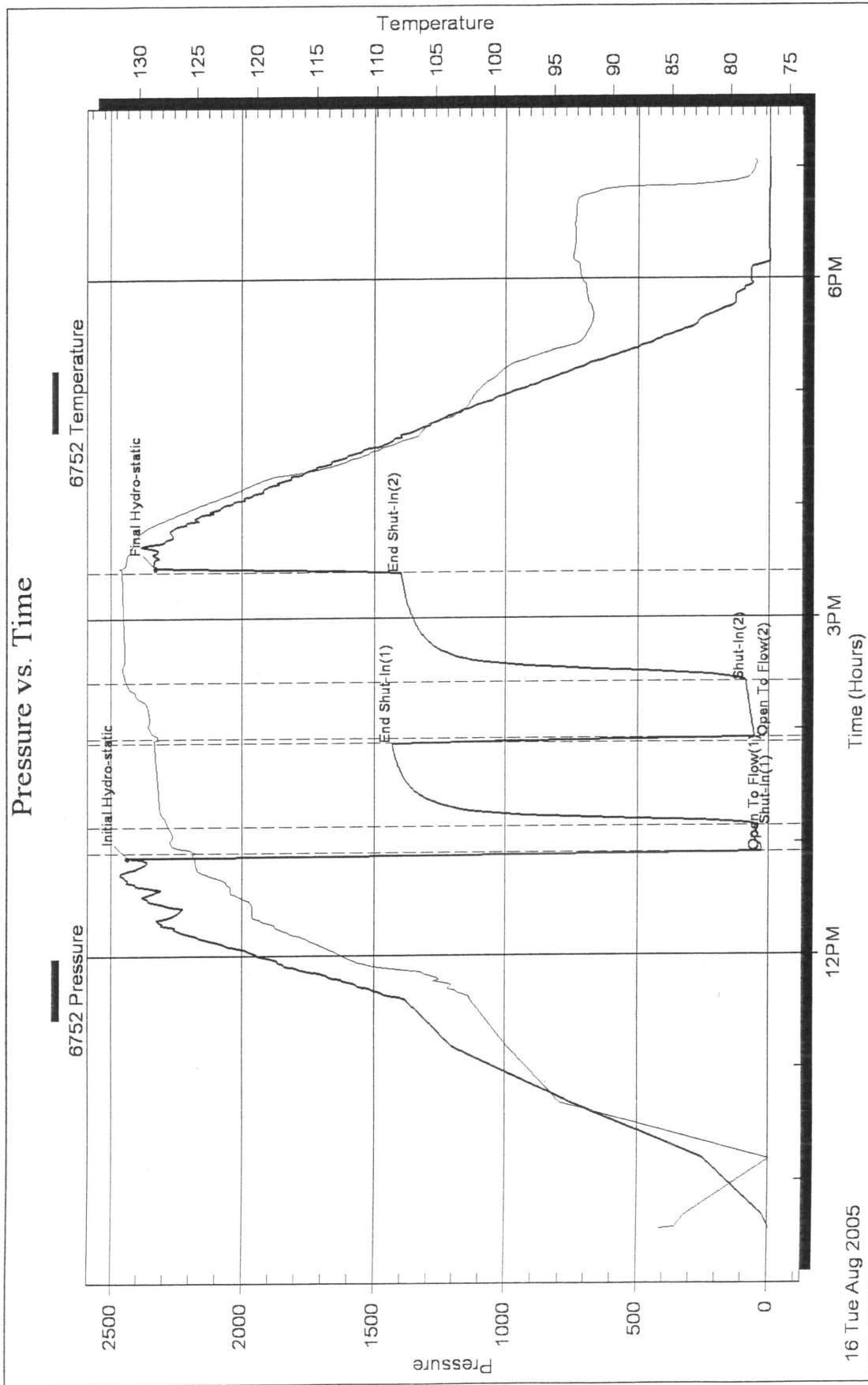
Num Gas Bombs: 0

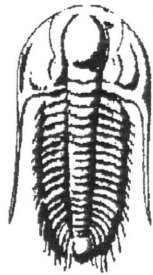
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .140@87F=42000ppm





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22/29S/32W

Stoops/Webber #3

Start Date: 2005.08.17 @ 16:49:08

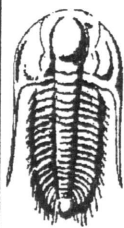
End Date: 2005.08.18 @ 04:45:08

Job Ticket #: 22439 DST #: 2

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DRILL STEM TEST REPORT

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P.O. Box 401
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ATTN: Jon Christenson

Stoops/Webber #3

22/29S/32W

Job Ticket: 22439

DST#: 2

Test Start: 2005.08.17 @ 16:49:08

GENERAL INFORMATION:

Formation: **Morrow sand**

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

Time Tool Opened: 21:19:08

Time Test Ended: 04:45:08

Test Type: **Conventional Bottom Hole**

Tester: **Chris Hagman**

Unit No: **34**

Interval: **5256.00 ft (KB) To 5370.00 ft (KB) (TVD)**

Total Depth: **5370.00 ft (KB) (TVD)**

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

Reference Elevations: **2914.00 ft (KB)**

2906.00 ft (CF)

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

Serial #: 6752

Inside

Press@RunDepth: **538.65 psig @ 5258.00 ft (KB)**

Start Date: **2005.08.17**

End Date:

2005.08.18

Start Time: **16:49:08**

End Time:

04:45:08

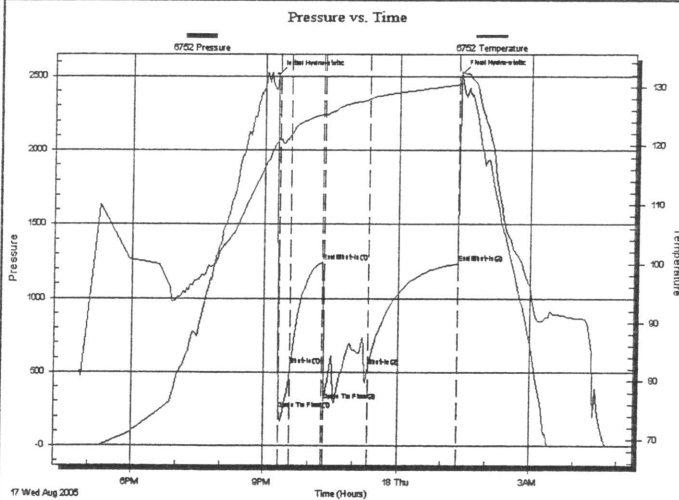
Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.08.17 @ 21:16:38**

Time Off Btm: **2005.08.18 @ 01:24:57**

TEST COMMENT: IF: Weak surface blow, 1 inch in 15 min.
IS: No blow back
FF: BOB ASAO, strong steadily dieing blow
FS: No blow back



PRESSURE SUMMARY

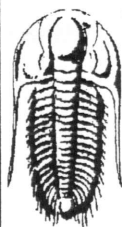
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2514.76	120.73	Initial Hydro-static
3	240.78	121.32	Open To Flow (1)
19	542.14	121.97	Shut-In(1)
62	1244.00	125.34	End Shut-In(1)
65	305.58	125.18	Open To Flow (2)
124	538.65	128.00	Shut-In(2)
245	1237.34	130.39	End Shut-In(2)
249	2521.29	132.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	5%G, skim O, 95%M	0.61

Gas Rates

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

Strata Exploration, Inc.

P.O. Box 401
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ATTN: Jon Christenson

Stoops/Webber #3

22/29S/32W

Job Ticket: 22439

DST#: 2

Test Start: 2005.08.17 @ 16:49:08

Tool Information

Drill Pipe:	Length: 5002.00 ft	Diameter: 3.80 inches	Volume: 70.16 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	71.38 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	5256.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	114.00 ft				
Tool Length:	142.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:
plugging on both flow periods

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5229.00	
Shut In Tool	5.00			5234.00	
Hydraulic tool	5.00			5239.00	
Jars	5.00			5244.00	
Safety Joint	3.00			5247.00	
Packer	5.00			5252.00	28.00 Bottom Of Top Packer
Packer	4.00			5256.00	
Stubb	1.00			5257.00	
Perforations	1.00			5258.00	
Recorder	0.00	6752	Inside	5258.00	
Perforations	5.00			5263.00	
Change Over Sub	1.00			5264.00	
Drill Pipe	93.00			5357.00	
Change Over Sub	1.00			5358.00	
Perforations	9.00			5367.00	
Recorder	0.00	13630	Inside	5367.00	
Bullnose	3.00			5370.00	114.00 Bottom Packers & Anchor
Total Tool Length:		142.00			



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Job Ticket: 22439

DST#: 2

ATTN: Jon Christenson

Test Start: 2005.08.17 @ 16:49:08

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:

6000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	5%G, skim O, 95%M	0.610

Total Length: 124.00 ft

Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.882@79F=6000ppm

Pressure vs. Time

