



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Expolation Inc.**

Box 401
Fairfield Il. 62837

ATTN: Jon Chistensen

22/29s/32w

Stoops Webber #4

Start Date: 2005.09.24 @ 17:15:34

End Date: 2005.09.25 @ 05:01:34

Job Ticket #: 20603 DST #: 1

15-081-21617

S2 S2 SW

330 FSL 1290 FWL

RECEIVED
DEC 27 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 Exploation Inc.

Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

Stoops Webber #4

22/29s/32w

Job Ticket: 20603

DST#: 1

Test Start: 2005.09.24 @ 17:15:34

GENERAL INFORMATION:

Formation: **Morrow Sand**

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

Time Tool Opened: 21:08:49

Time Test Ended: 05:01:34

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5270.00 ft (KB) To 5370.00 ft (KB) (TVD)**

Total Depth: **5270.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2919.00 ft (KB)**

2908.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6769

Inside

Press@RunDepth: **193.62 psig @ 5346.00 ft (KB)**

Start Date: **2005.09.24**

End Date:

2005.09.25

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **17:15:36**

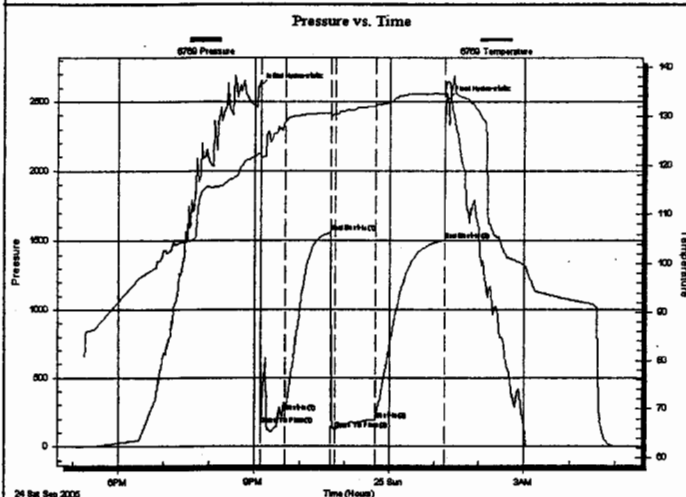
End Time:

05:01:34

Time On Btm: **2005.09.24 @ 21:05:04**

Time Off Btm: **2005.09.25 @ 01:17:04**

TEST COMMENT: IF- Good building blow, BOB 5min, No GTS.
IS- No blow back.
FF- Strong blow, BOB, ASAO, GTS 4 min.
FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2604.32	122.26	Initial Hydro-static
4	153.70	121.45	Open To Flow (1)
36	245.21	128.76	Shut-In(1)
97	1555.95	130.56	End Shut-In(1)
104	119.98	130.47	Open To Flow (2)
156	193.62	131.95	Shut-In(2)
249	1505.74	134.59	End Shut-In(2)
252	2512.21	137.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
430.00	OGCM 15%G, 15%O, 70%M	3.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	10.00	9.13
Last Gas Rate	0.13	17.00	11.75
Max. Gas Rate	0.13	17.00	11.75



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Expolation Inc.

Stoops Webber #4

Box 401
Fairfield Il. 62837

22/29s/32w

Job Ticket: 20603

DST#: 1

ATTN: Jon Chistensen

Test Start: 2005.09.24 @ 17:15:34

Tool Information

Drill Pipe:	Length: 4953.00 ft	Diameter: 3.80 inches	Volume: 69.48 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 71.00 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	90000.00 lb
Depth to Top Packer:	5270.00 ft			Final	90000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	100.00 ft				
Tool Length:	127.00 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			5244.00	
Shut In Tool	5.00			5249.00	
Hydraulic tool	5.00			5254.00	
Jars	5.00			5259.00	
Safety Joint	2.00			5261.00	
Packer	5.00			5266.00	27.00 Bottom Of Top Packer
Packer	4.00			5270.00	
Stubb	1.00			5271.00	
Perforations	10.00			5281.00	
Change Over Sub	1.00			5282.00	
Drill Pipe	63.00			5345.00	
Change Over Sub	1.00			5346.00	
Recorder	0.00	6769	Inside	5346.00	
Perforations	20.00			5366.00	
Recorder	0.00	6724	Outside	5366.00	
Bullnose	4.00			5370.00	100.00 Bottom Packers & Anchor
Total Tool Length:	127.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Expolation Inc.

Stoops Webber #4

Box 401
Fairfield Il. 62837

22/29s/32w

Job Ticket: 20603

DST#: 1

ATTN: Jon Chistensen

Test Start: 2005.09.24 @ 17:15:34

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	OGCM 15%G, 15%O, 70%M.	3.208

Total Length: 430.00 ft

Total Volume: 3.208 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Strata Expolation Inc.

Stoops Webber #4

Box 401

22/29s/32w

Failfield II. 62837

Job Ticket: 20603

DST#: 1

ATTN: Jon Chistensen

Test Start: 2005.09.24 @ 17:15:34

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	30	0.13	10.00	9.13
2	40	0.13	12.00	9.88
2	50	0.13	14.00	10.63
2	60	0.13	17.00	11.75

DST Test Number: 1

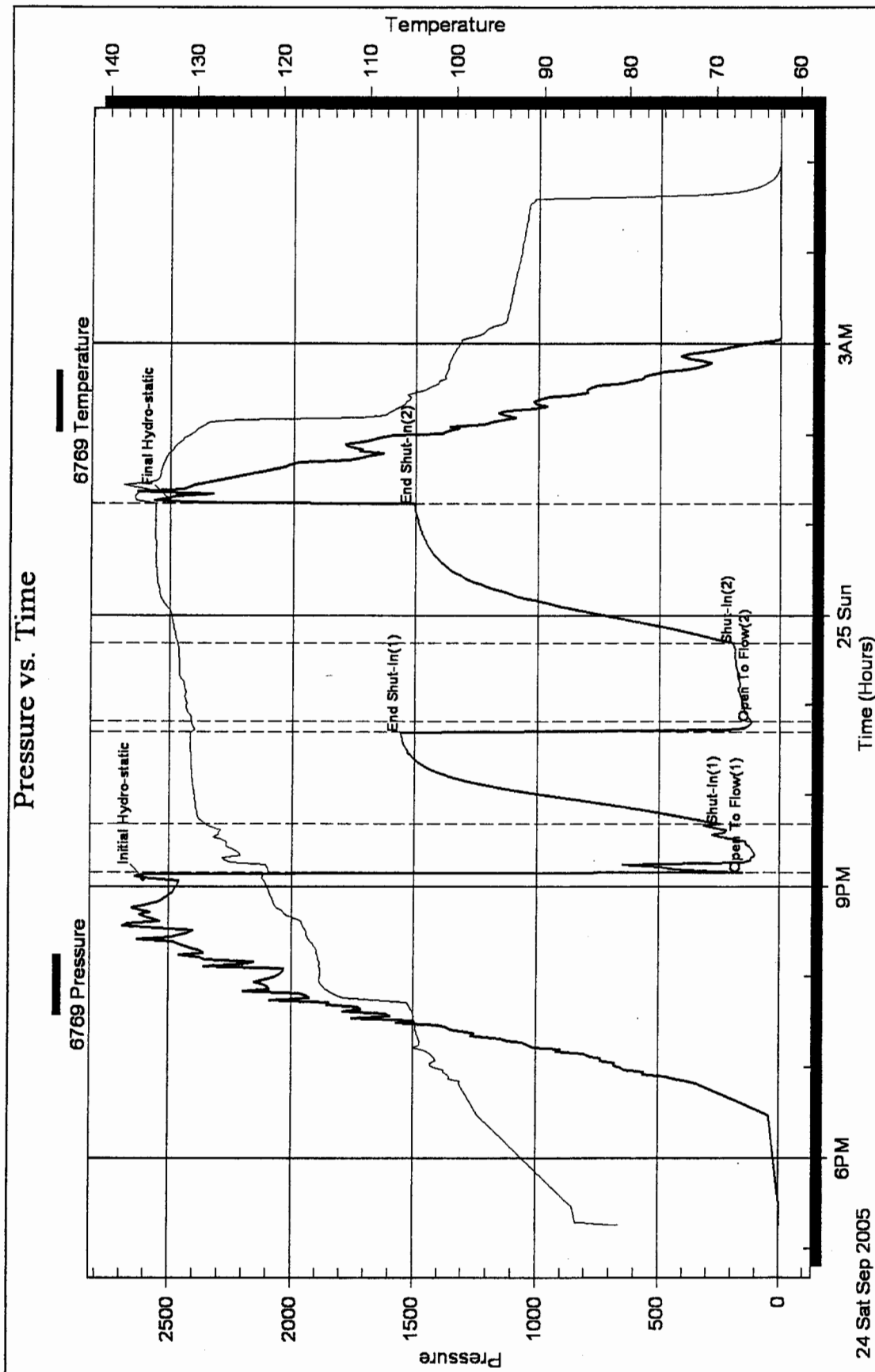
22/29s/32w

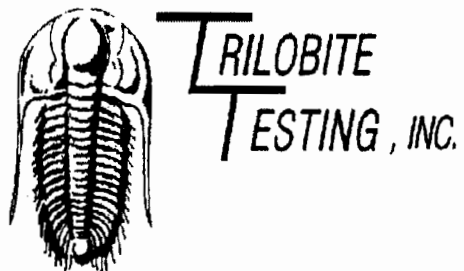
Strata Exploration Inc.

Inside

Serial #: 6769

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Strata Expolation Inc.**

Box 401
Fairfield Il. 62837

ATTN: Jon Chistensen

22/29s/32w

Stoops Webber #4

Start Date: 2005.09.25 @ 18:45:01

End Date: 2005.09.26 @ 02:41:16

Job Ticket #: 20604 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 Expolation Inc.

Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

Stoops Webber #4

22/29s/32w

Job Ticket: 20604

DST#: 2

Test Start: 2005.09.25 @ 18:45:01

GENERAL INFORMATION:

Formation: **Basal Morrow**

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

Time Tool Opened: 21:31:31

Time Test Ended: 02:41:16

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5354.00 ft (KB) To 5433.00 ft (KB) (TVD)**

Total Depth: **5433.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2919.00 ft (KB)**

2908.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6769

Inside

Press@RunDepth: **80.44 psig @ 5399.00 ft (KB)**

Start Date: **2005.09.25**

End Date:

2005.09.26

Start Time: **18:45:03**

End Time:

02:41:16

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.09.25 @ 21:28:01**

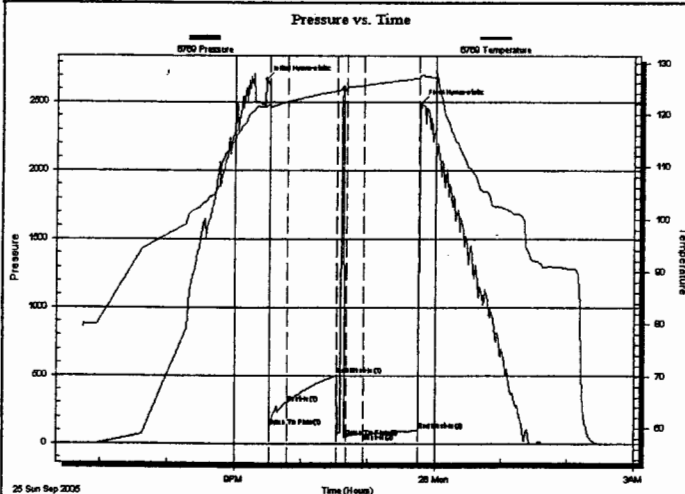
Time Off Btm: **2005.09.25 @ 23:47:01**

TEST COMMENT: IF- Weak surface blow for 10mins, and died.

IS- No blow back.

FF- No blow, Tried to flush tool, no change.

FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2669.92	121.54	Initial Hydro-static
4	129.71	121.39	Open To Flow (1)
19	296.18	122.43	Shut-In(1)
65	507.76	124.63	End Shut-In(1)
73	51.88	125.23	Open To Flow (2)
88	80.44	125.64	Shut-In(2)
138	99.47	127.05	End Shut-In(2)
139	2491.64	127.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	SOCIM	0.25

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Expolation Inc.

Stoops Webber #4

Box 401
Fairfield Il. 62837

22/29s/32w

Job Ticket: 20604

DST#: 2

ATTN: Jon Chistensen

Test Start: 2005.09.25 @ 18:45:01

Tool Information

Drill Pipe:	Length: 5022.00 ft	Diameter: 3.80 inches	Volume: 70.45 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	95000.00 lb
		Total Volume:	71.97 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	90000.00 lb
Depth to Top Packer:	5354.00 ft			Final	90000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	79.00 ft				
Tool Length:	106.00 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			5328.00	
Shut In Tool	5.00			5333.00	
Hydraulic tool	5.00			5338.00	
Jars	5.00			5343.00	
Safety Joint	2.00			5345.00	
Packer	5.00			5350.00	27.00 Bottom Of Top Packer
Packer	4.00			5354.00	
Stubb	1.00			5355.00	
Perforations	10.00			5365.00	
Change Over Sub	1.00			5366.00	
Drill Pipe	32.00			5398.00	
Change Over Sub	1.00			5399.00	
Recorder	0.00	6769	Inside	5399.00	
Perforations	30.00			5429.00	
Recorder	0.00	6724	Outside	5429.00	
Bullnose	4.00			5433.00	79.00 Bottom Packers & Anchor
Total Tool Length:		106.00			



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FLUID SUMMARY

Strata Expolation Inc.

Stoops Webber #4

Box 401
Fairfield IL 62837

22/29s/32w

Job Ticket: 20604

DST#: 2

ATTN: Jon Chistensen

Test Start: 2005.09.25 @ 18:45:01

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: 65.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	SOOM	0.246

Total Length: 50.00 ft

Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

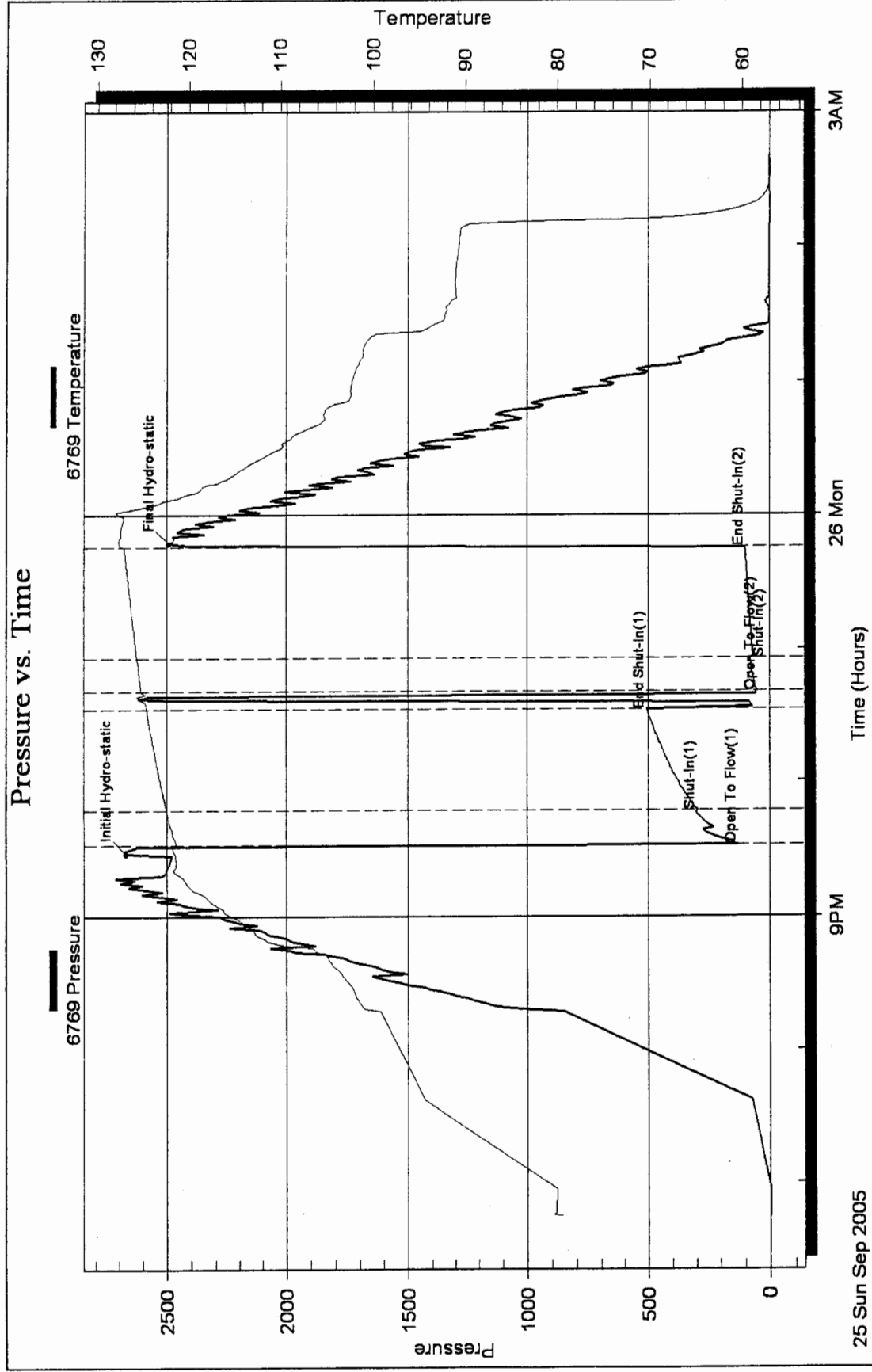
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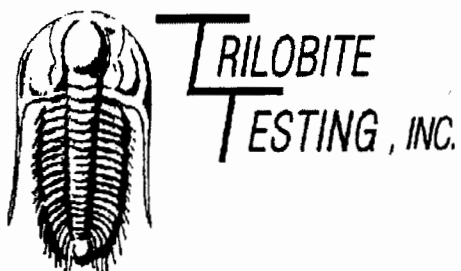
Strata Expolation Inc.

22/29s/32w

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Strata Expolation Inc.**

Box 401
Fairfield Il. 62837

ATTN: Jon Chistensen

22/29s/32w

Stoops Webber #4

Start Date: 2005.09.27 @ 14:15:50

End Date: 2005.09.28 @ 00:08:35

Job Ticket #: 20605 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.

Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

Stoops Webber #4

22/29s/32w

Job Ticket: 20605

DST#: 3

Test Start: 2005.09.27 @ 14:15:50

GENERAL INFORMATION:

Formation: **St. Louis A**

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

Time Tool Opened: 17:10:20

Time Test Ended: 00:08:35

Test Type: **Conventional Straddle**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5510.00 ft (KB) To ft (KB) (TVD)**

Total Depth: **5650.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2919.00 ft (KB)**

2908.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6769

Inside

Press@RunDepth: **59.09 psig @ 5513.00 ft (KB)**

Start Date: **2005.09.27**

End Date:

2005.09.28

Start Time: **14:15:52**

End Time:

00:08:35

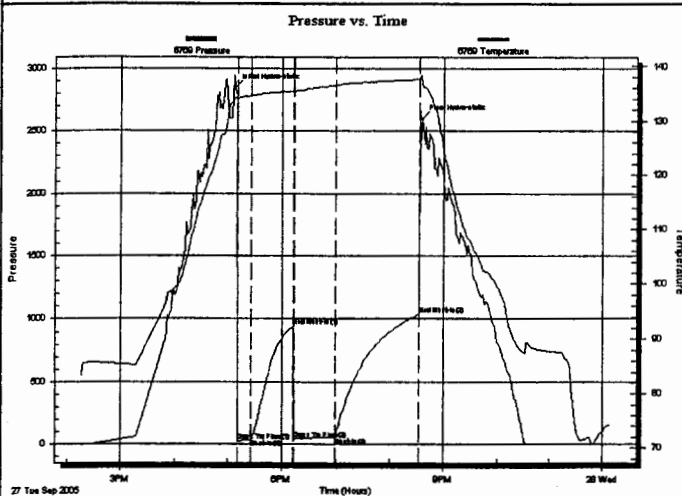
Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btrr: **2005.09.27 @ 17:07:05**

Time Off Btrr: **2005.09.27 @ 20:35:50**

TEST COMMENT: IF- Good building blow , BOB 2min.
IS- No blow back.
FF- Good blow , BOB 11min, No GTS.
FS- Blow back after 25min. built 2in into bucket.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2849.10	134.25	Initial Hydro-static
4	26.34	133.37	Open To Flow (1)
19	36.74	134.59	Shut-In(1)
65	946.20	135.44	End Shut-In(1)
66	39.63	135.33	Open To Flow (2)
113	59.09	136.48	Shut-In(2)
206	1036.91	137.61	End Shut-In(2)
209	2598.33	136.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1300 GIP	0.00
130.00	100% mud Tr. w water.	0.64

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Expolation Inc.

Stoops Webber #4

Box 401
Fairfield Il. 62837

22/29s/32w

Job Ticket: 20605

DST#: 3

ATTN: Jon Chistensen

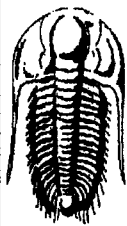
Test Start: 2005.09.27 @ 14:15:50

Tool Information

Drill Pipe:	Length: 5174.00 ft	Diameter: 3.80 inches	Volume: 72.58 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 105000.0 lb
		Total Volume: 74.10 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 92000.00 lb
Depth to Top Packer:	5510.00 ft			Final 94000.00 lb
Depth to Bottom Packer:	5535.00 ft			
Interval between Packers:	25.00 ft			
Tool Length:	182.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	2.00			5481.00	
Shut In Tool	5.00			5486.00	
Sampler	3.00			5489.00	
Hydraulic tool	5.00			5494.00	
Jars	5.00			5499.00	
Safety Joint	2.00			5501.00	
Packer	5.00			5506.00	31.00 Bottom Of Top Packer
Packer	4.00			5510.00	
Stubb	1.00			5511.00	
Recorder	0.00	16770	Inside	5511.00	
Perforations	2.00			5513.00	
Recorder	0.00	6769	Inside	5513.00	
Perforations	22.00			5535.00	25.00 Tool Interval
Packer	5.00			5540.00	
Change Over Sub	1.00			5541.00	
Drill Pipe	95.00			5636.00	
Change Over Sub	1.00			5637.00	
Perforations	20.00			5657.00	
Recorder	0.00	13849	Outside	5657.00	
Bullnose	4.00			5661.00	126.00 Bottom Packers & Anchor
Total Tool Length:		182.00			



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DRILL STEM TEST REPORT

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Stoops Webber #4

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Fairfield IL 62837

22/29s/32w

Job Ticket: 20605

DST#: 3

ATTN: Jon Chistensen

Test Start: 2005.09.27 @ 14:15:50

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1300 GIP	0.000
130.00	100% mud Tr. w ater.	0.639

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

Inside

Strata Exploitation Inc.

22/29s/32w

DST Test Number: 3

Pressure vs. Time

