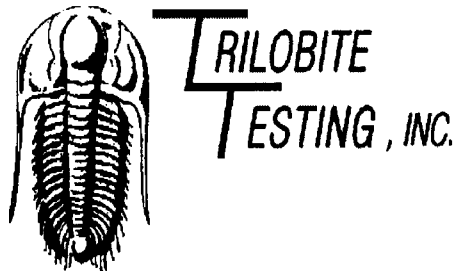


15-081-21553



DRILL STEM TEST REPORT

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

CONFIDENTIAL
Box 401
Fairfield IL 62837

ORIGINAL

ATTN: Jon Christensen

KCC

26/29s/32w **APR 07 2005**

#1 R. McClure

CONFIDENTIAL

Start Date: 2005.01.18 @ 11:47:44

End Date: 2005.01.18 @ 21:58:44

Job Ticket #: 20593

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.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20593

DST#: 1

ATTN: Jon Christensen

Test Start: 2005.01.18 @ 11:47:44

GENERAL INFORMATION:

Formation: **Morrow Sand**

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

Time Tool Opened: 15:11:44

Time Test Ended: 21:58:44

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **15**

Interval: **5276.00 ft (KB) To 5380.00 ft (KB) (TVD)**

Total Depth: **5380.00 ft (KB) (TVD)**

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

Reference Elevations: **2906.00 ft (KB)**

2893.00 ft (CF)

KB to GR/CF: **13.00 ft**

Serial #: **6769**

Inside

Press@RunDepth: **44.26 psig @ 5356.00 ft (KB)**

Start Date: **2005.01.18**

End Date:

2005.01.18

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **11:47:46**

End Time:

Time On Btm: **2005.01.18 @ 15:08:59**

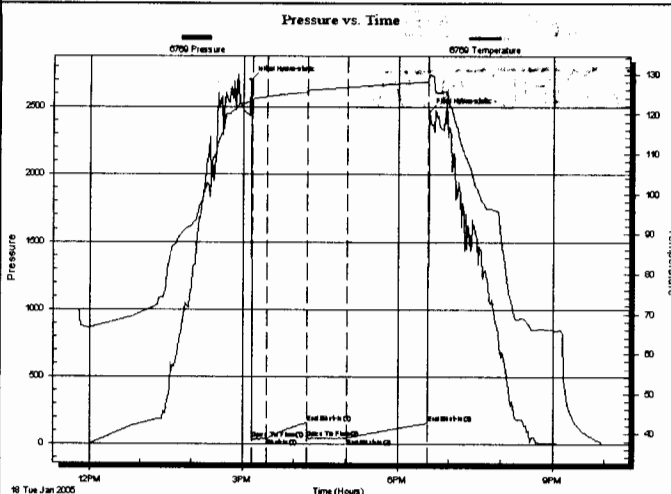
Time Off Btm: **2005.01.18 @ 18:36:29**

TEST COMMENT: **IF- Weak blow , built to 7in. into bucket.**

IS- No blow back.

FF- Weak blow , built 3in. into bucket.

FSI- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2703.11	123.06	Initial Hydro-static
3	35.25	123.19	Open To Flow (1)
20	44.26	124.39	Shut-In(1)
66	159.66	125.55	End Shut-In(1)
67	43.62	125.57	Open To Flow (2)
112	45.81	126.73	End Shut-In(2)
207	157.00	128.19	End Shut-In(3)
208	2465.76	130.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	100% mud	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration, Inc.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20593

DST#: 1

ATTN: Jon Christensen

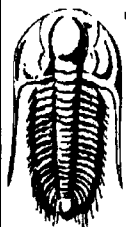
Test Start: 2005.01.18 @ 11:47:44

Tool Information

Drill Pipe:	Length: 4935.00 ft	Diameter: 3.80 inches	Volume: 69.23 bbl	Tool Weight: 1800.00 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: 340.00 ft	Diameter: 2.25 inches	Volume: 1.67 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 70.90 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5276.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	131.00 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			5250.00	
Shut In Tool	5.00			5255.00	
Hydraulic tool	5.00			5260.00	
Jars	5.00			5265.00	
Safety Joint	2.00			5267.00	
Packer	5.00			5272.00	27.00 Bottom Of Top Packer
Packer	4.00			5276.00	
Stubb	1.00			5277.00	
Perforations	15.00			5292.00	
Change Over Sub	1.00			5293.00	
Drill Pipe	31.00			5324.00	
Drill Pipe	31.00			5355.00	
Change Over Sub	1.00			5356.00	
Recorder	0.00	6769	Inside	5356.00	
Perforations	20.00			5376.00	
Recorder	0.00	6724	Outside	5376.00	
Bullnose	4.00			5380.00	104.00 Bottom Packers & Anchor
Total Tool Length:		131.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration, Inc.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20593

DST#: 1

ATTN: Jon Christensen

Test Start: 2005.01.18 @ 11:47:44

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: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	100% mud	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:

DST Test Number: 1

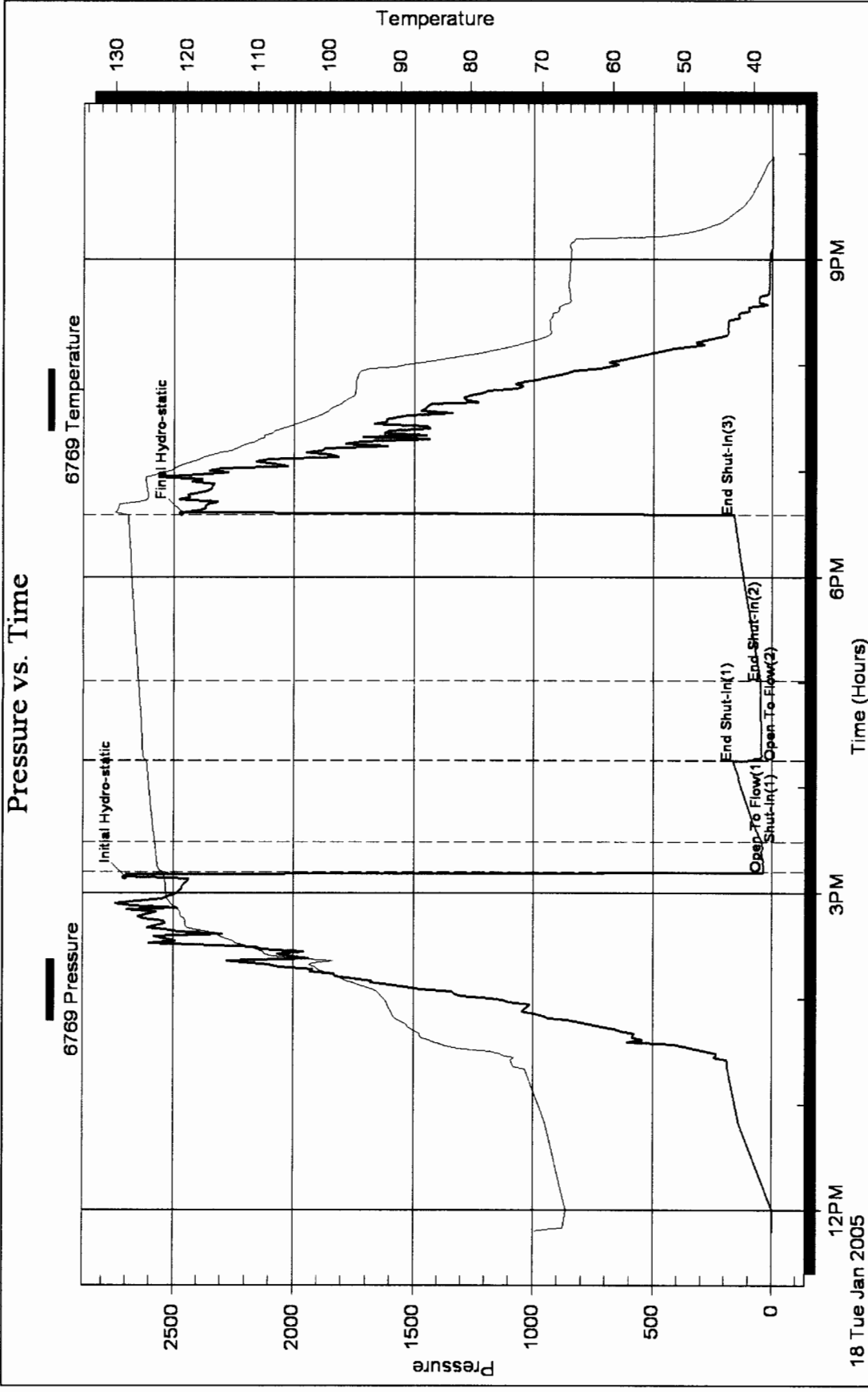
26/29s/32w

Strata Exploration, Inc.

Inside

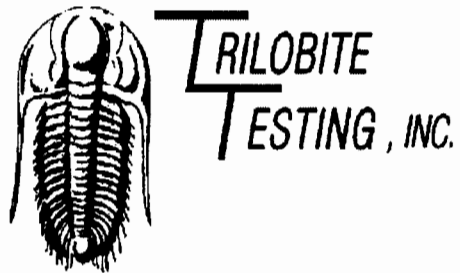
Serial #: 6769

Pressure vs. Time



Ref. No: 20593

Trilobite Testing, Inc



DRILL STEM TEST REPORT

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

Box 401
Fairfield IL 62837

ATTN: Jon Christensen

26/29s/32w

#1 R. McClure

Start Date: 2005.01.19 @ 19:22:35

End Date: 2005.01.20 @ 05:20:50

Job Ticket #: 20594 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.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20594

DST#: 2

ATTN: Jon Christensen

Test Start: 2005.01.19 @ 19:22:35

GENERAL INFORMATION:

Formation: **St. Louis A**

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

Time Tool Opened: 23:29:05

Time Test Ended: 05:20:50

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **15**

Interval: **5528.00 ft (KB) To 5548.00 ft (KB) (TVD)**

Reference Elevations: **2906.00 ft (KB)**

Total Depth: **5548.00 ft (KB) (TVD)**

2893.00 ft (CF)

Hole Diameter: **7.78 inches** Hole Condition: **Poor**

KB to GR/CF: **13.00 ft**

Serial #: **6769**

Inside

Press@RunDepth: **16.68 psig @ 5530.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.01.19**

End Date:

2005.01.20

Last Calib.: **1899.12.30**

Start Time: **19:22:37**

End Time:

05:20:50

Time On Btm: **2005.01.19 @ 23:27:35**

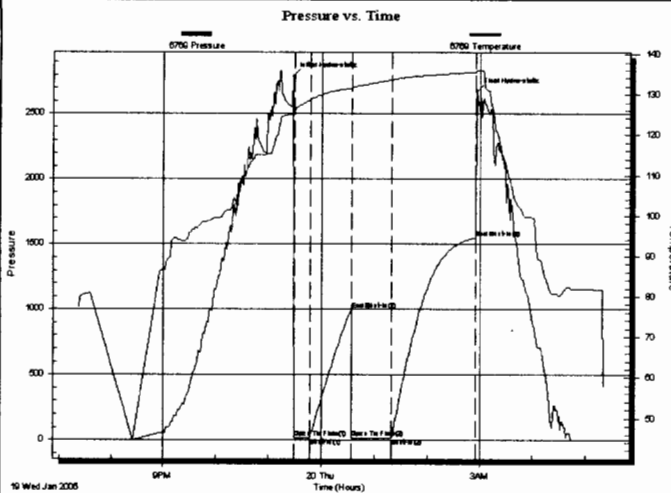
Time Off Btm: **2005.01.20 @ 02:56:20**

TEST COMMENT: **IF- Good blow, BOB in 15min.**

IS- No blow back.

FF- BOB ASAO, No GTS.

FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2787.94	125.34	Initial Hydro-static
2	14.99	125.90	Open To Flow (1)
20	17.89	128.67	Shut-In(1)
66	998.35	131.59	End Shut-In(1)
67	14.96	131.49	Open To Flow (2)
112	16.68	133.64	Shut-In(2)
208	1547.74	135.60	End Shut-In(2)
209	2673.77	135.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% mud.	0.05

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration, Inc.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20594

DST#: 2

ATTN: Jon Christensen

Test Start: 2005.01.19 @ 19:22:35

Tool Information

Drill Pipe:	Length: 4995.00 ft	Diameter: 3.80 inches	Volume: 70.07 bbl	Tool Weight:	1800.00 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: 526.00 ft	Diameter: 2.25 inches	Volume: 2.59 bbl	Weight to Pull Loose:	82000.00 lb
		Total Volume:	72.66 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	5528.00 ft			Final	79000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	47.00 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			5502.00	
Shut In Tool	5.00			5507.00	
Hydraulic tool	5.00			5512.00	
Jars	5.00			5517.00	
Safety Joint	2.00			5519.00	
Packer	5.00			5524.00	27.00 Bottom Of Top Packer
Packer	4.00			5528.00	
Stubb	1.00			5529.00	
Perforations	1.00			5530.00	
Recorder	0.00	6769	Inside	5530.00	
Perforations	14.00			5544.00	
Recorder	0.00	6724	Outside	5544.00	
Bullnose	4.00			5548.00	20.00 Bottom Packers & Anchor

Total Tool Length: 47.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration, Inc.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20594

DST#: 2

ATTN: Jon Christensen

Test Start: 2005.01.19 @ 19:22:35

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% mud.	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

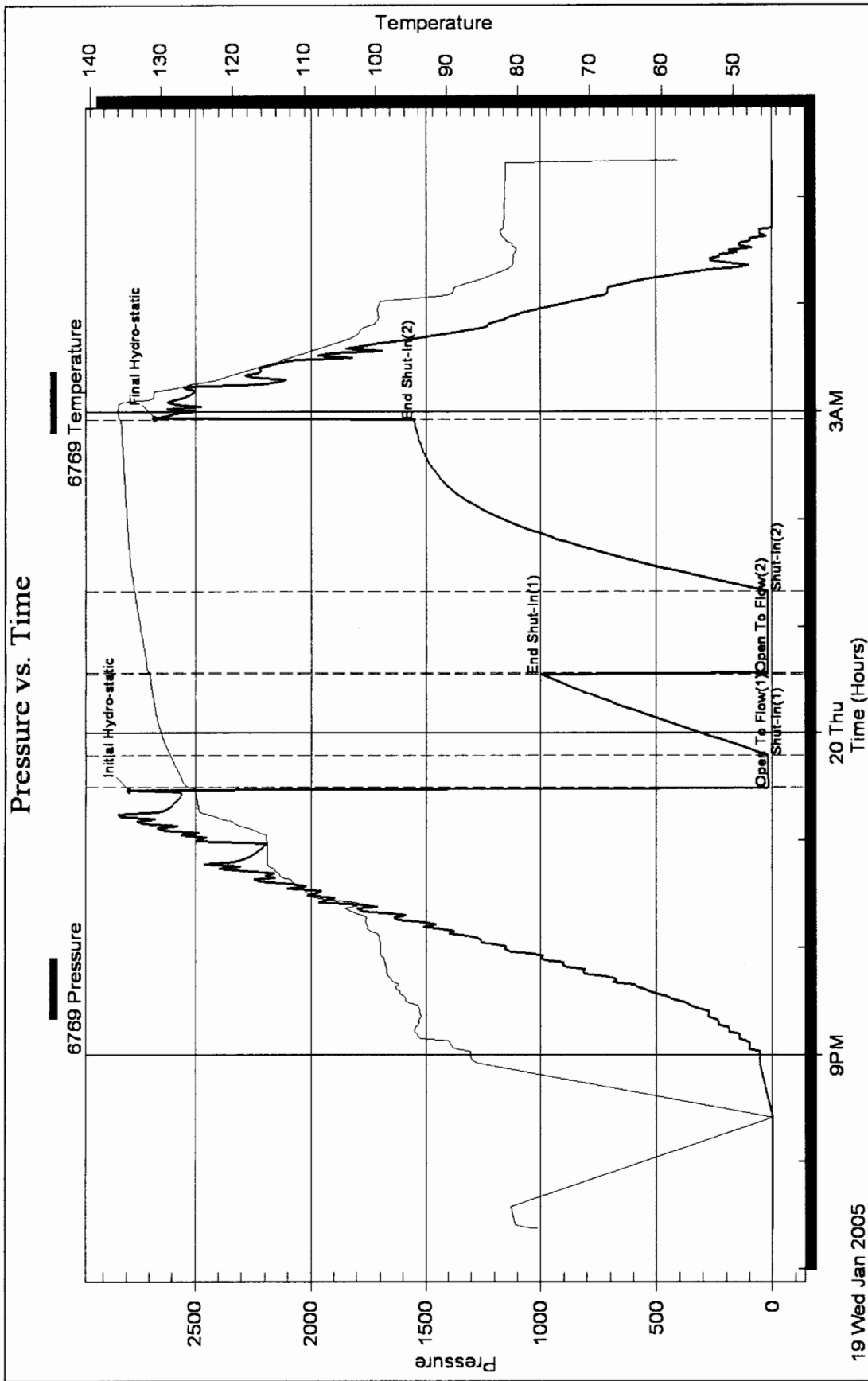
Serial #:

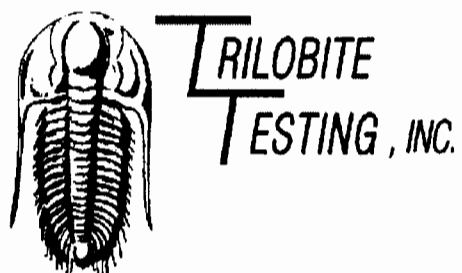
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

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

Box 401
Fairfield IL 62837

ATTN: Jon Christensen

26/29s/32w

#1 R. McClure

Start Date: 2005.01.20 @ 13:31:45

End Date: 2005.01.21 @ 00:03:30

Job Ticket #: 20595 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.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20595

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.01.20 @ 13:31:45

GENERAL INFORMATION:

Formation: St. Louis B

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:33:15

Time Test Ended: 00:03:30

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 15

Interval: 5530.00 ft (KB) To 5568.00 ft (KB) (TVD)

Total Depth: 5568.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2906.00 ft (KB)

2893.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6769

Inside

Press@RunDepth: 245.37 psig @ 5532.00 ft (KB)

Start Date: 2005.01.20

End Date:

2005.01.21

Start Time: 13:31:47

End Time:

00:03:30

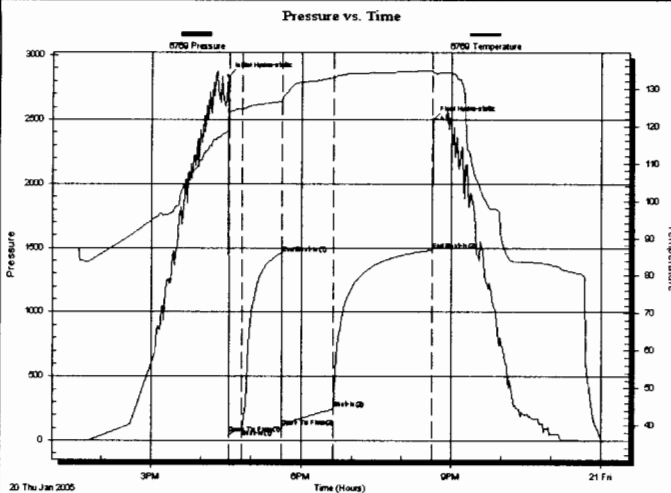
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2005.01.20 @ 16:31:45

Time Off Btm: 2005.01.20 @ 20:38:00

TEST COMMENT: IF- Good blow, BOB 4 min.
IS- Weak blow, built to 1/2in. into bucket.
FF- Good blow, BOB 21 min. No GTS.
FSI- Weak surface blow, died out.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2838.44	118.60	Initial Hydro-static
2	50.09	123.29	Open To Flow (1)
18	94.13	124.53	Shut-In(1)
65	1455.90	126.59	End Shut-In(1)
66	107.87	126.69	Open To Flow (2)
127	245.37	133.00	Shut-In(2)
245	1483.70	134.86	End Shut-In(2)
247	2502.04	134.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1300.00	GIP	13.44
5.00	100% mud	0.07
186.00	2%gas 20%w ater 28% mud 50% oil	2.61
340.00	2%gas 20%mud 78%w ater @ 150000pp4.77	

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration, Inc.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20595

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.01.20 @ 13:31:45

Tool Information

Drill Pipe:	Length: 5010.00 ft	Diameter: 3.80 inches	Volume: 70.28 bbl	Tool Weight:	1800.00 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: 526.00 ft	Diameter: 2.25 inches	Volume: 2.59 bbl	Weight to Pull Loose:	100000.0 lb
			Total Volume: 72.87 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	5530.00 ft			Final	85000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	65.00 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			5504.00	
Shut In Tool	5.00			5509.00	
Hydraulic tool	5.00			5514.00	
Jars	5.00			5519.00	
Safety Joint	2.00			5521.00	
Packer	5.00			5526.00	27.00 Bottom Of Top Packer
Packer	4.00			5530.00	
Stubb	1.00			5531.00	
Perforations	1.00			5532.00	
Recorder	0.00	6769	Inside	5532.00	
Perforations	32.00			5564.00	
Recorder	0.00	6724	Outside	5564.00	
Bullnose	4.00			5568.00	38.00 Bottom Packers & Anchor

Total Tool Length: 65.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration, Inc.

#1 R. McClure

Box 401
Fairfield IL 62837

26/29s/32w

Job Ticket: 20595

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.01.20 @ 13:31:45

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1300.00	GIP	13.444
5.00	100% mud	0.070
186.00	2%gas 20%w ater 28% mud 50% oil	2.609
340.00	2%gas 20%mud 78%w ater @ 150000ppm	4.769

Total Length: 1831.00 ft

Total Volume: 20.892 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

Inside

Strata Exploration, Inc.

26/29s/32w

DST Test Number: 3

Pressure vs. Time

