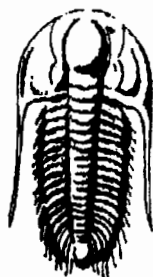


33-29s-32w
SW NE NW



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

33 29 32W Haskell KS

#2 Murphy Trust

Start Date: 2006.12.17 @ 10:48:33

End Date: 2006.12.17 @ 19:19:03

Job Ticket #: 25760 DST #: 1

15-081-21697

925 FNL 1620 FWL

KCC

MAR 03 2007

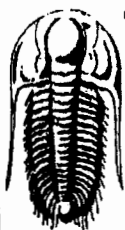
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MAR 05 2007
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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

#2 Murphy Trust

33 29 32W Haskell KS

Job Ticket: 25760

DST#: 1

Test Start: 2006.12.17 @ 10:48:33

GENERAL INFORMATION:

Formation: **Lansing "A"**

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

Time Tool Opened: 14:41:18

Time Test Ended: 19:19:03

Test Type: **Conventional Bottom Hole**

Tester: **Delton Brown**

Unit No: **20**

Interval: **4245.00 ft (KB) To 4266.00 ft (KB) (TVD)**

Total Depth: **4266.00 ft (KB) (TVD)**

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

Reference Elevations: **2917.00 ft (KB)**

2909.00 ft (CF)

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

Serial #: 8166 **Inside**

Press@RunDepth: **39.06 psig @ 4248.00 ft (KB)**

Start Date: **2006.12.17**

End Date:

2006.12.17

Start Time: **10:48:38**

End Time:

19:19:02

Capacity: **7000.00 psig**

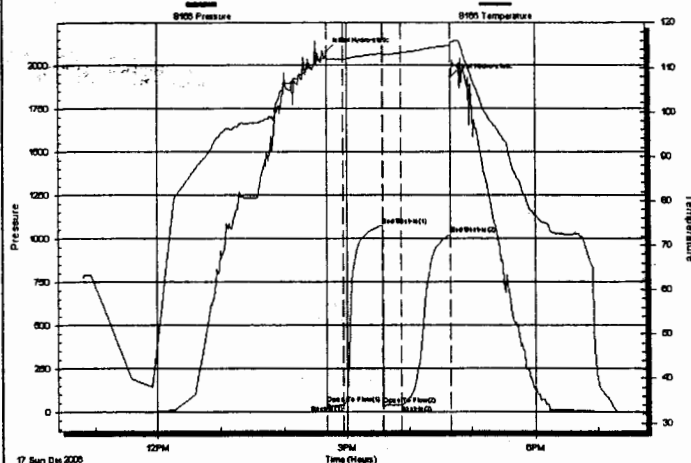
Last Calib.: **1899.12.30**

Time On Btm: **2006.12.17 @ 14:41:03**

Time Off Btm: **2006.12.17 @ 16:40:02**

TEST COMMENT: IF Week surface blow 1/4 " into bucket
ISI No return blow
FF No blow
FSI No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2074.98	112.31	Initial Hydro-static
1	41.30	111.44	Open To Flow (1)
15	39.37	111.84	Shut-In(1)
54	1072.51	113.15	End Shut-In(1)
54	37.41	112.82	Open To Flow (2)
72	39.06	113.25	Shut-In(2)
119	1019.99	114.91	End Shut-In(2)
119	1928.33	115.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Slightly Oil Cut Watery Mud 90%M 5%W E0.07	
1.00	GOc/MM 75%M 10%W 10%O	0.00
0.00	Free Oil in top of tool	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25760

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.12.17 @ 10:48:33

Tool Information

Drill Pipe:	Length: 3977.00 ft	Diameter: 3.80 inches	Volume: 55.79 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	58000.00 lb
			Total Volume: 57.01 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4245.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	48.00 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			4219.00	
Shut In Tool	5.00			4224.00	
Hydraulic tool	5.00			4229.00	
Jars	5.00			4234.00	
Safety Joint	2.00			4236.00	
Packer	5.00		Fluid	4241.00	27.00 Bottom Of Top Packer
Packer	4.00			4245.00	
Stubb	1.00			4246.00	
Anchor	2.00			4248.00	
Recorder	0.00	8166	Inside	4248.00	
Perforations	15.00			4263.00	
Recorder	0.00	13761	Inside	4263.00	
Bullnose	3.00			4266.00	21.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25760

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.12.17 @ 10:48:33

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.12 in³

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
15.00	Slightly Oil Cut Watery Mud 90%M 5%W 5%O	0.074
1.00	GOc/MM 75%M 10%W 10%O	0.005
0.00	Free Oil in top of tool	0.000

Total Length: 16.00 ft

Total Volume: 0.079 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: slightly oil cut water mud 90%M 5%W 5%O

slightly gassy oil cut watery mud 75%M 10%W 10%O 5%G

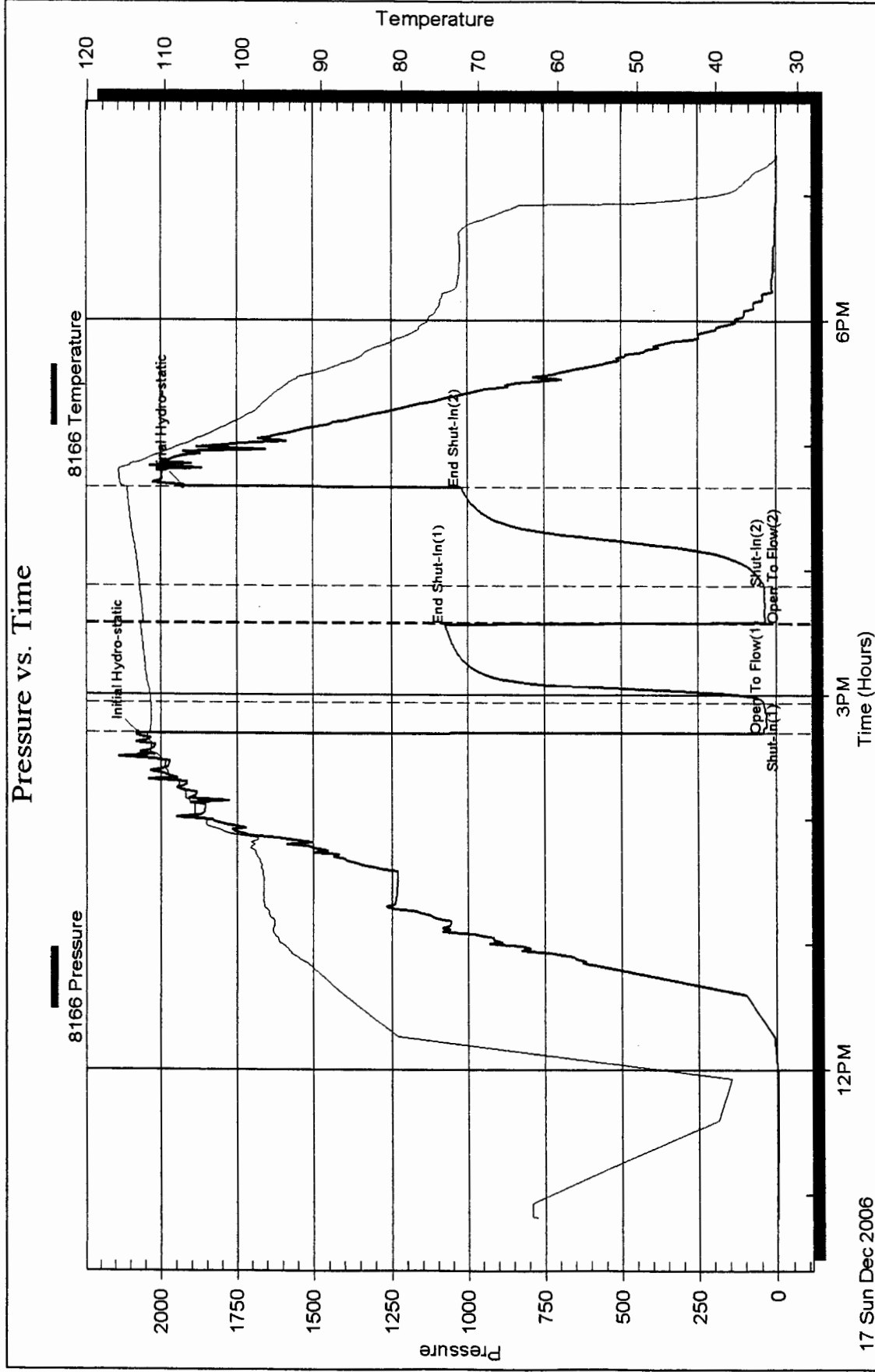
Serial #: 8166

Inside

Strata Exploration Inc

33 29 32W Haskell KS

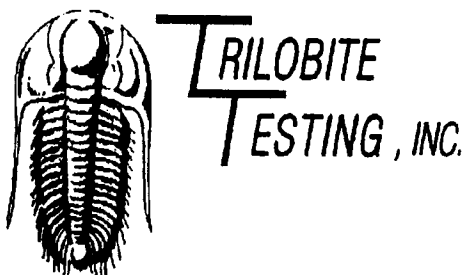
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 25760

Printed: 2007.01.12 @ 11:23:42 Page 5



DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

33 29 32W Haskell KS

#2 Murphy Trust

Start Date: 2006.12.19 @ 08:54:29

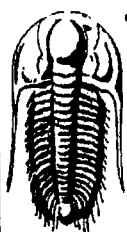
End Date: 2006.12.19 @ 18:13:59

Job Ticket #: 25761 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

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

#2 Murphy Trust

33 29 32W Haskell KS

Job Ticket: 25761

DST#: 2

Test Start: 2006.12.19 @ 08:54:29

GENERAL INFORMATION:

Formation: **Kansas City "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:57:44

Time Test Ended: 18:13:59

Interval: **4655.00 ft (KB) To 4679.00 ft (KB) (TVD)**

Total Depth: 4679.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 20

Reference Elevations: 2917.00 ft (KB)

2909.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8166

Inside

Press@RunDepth: 190.39 psig @ 4656.00 ft (KB)

Start Date: 2006.12.19

End Date: 2006.12.19

Start Time: 08:54:34

End Time: 18:13:59

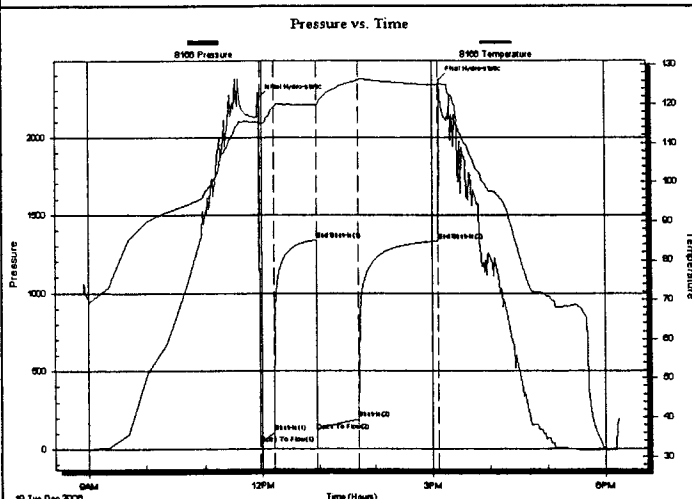
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2006.12.19 @ 11:57:29

Time Off Btm: 2006.12.19 @ 15:06:59

TEST COMMENT: IF Weak building blow 6" into bucket
ISI Weak surface return blow died
FF Strong blow BOB 45 min.
FSI No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2251.42	115.24	Initial Hydro-static
1	31.79	114.50	Open To Flow (1)
15	107.01	119.16	Shut-In (1)
60	1336.36	119.72	End Shut-In (1)
61	111.79	119.40	Open To Flow (2)
105	190.39	126.12	Shut-In (2)
189	1333.53	124.82	End Shut-In (2)
190	2369.36	125.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Gassy Oil spot Mud 5%G spot O 95%M	0.61
124.00	Gassy Muddy Water 5%G 85%W 10%M	0.61
93.00	Gas lght Oil c/W 5%G scm 60%M 35%	11.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25761

DST#:2

ATTN: Jon Christensen

Test Start: 2006.12.19 @ 08:54:29

Tool Information

Drill Pipe:	Length: 4382.00 ft	Diameter: 3.80 inches	Volume: 61.47 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 64000.00 lb
		Total Volume: 62.69 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4655.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 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			4628.00	
Shut In Tool	5.00			4633.00	
Hydraulic tool	5.00			4638.00	
Jars	5.00			4643.00	
Safety Joint	2.00			4645.00	
Change Over Sub	1.00			4646.00	
Packer	5.00		Fluid	4651.00	28.00 Bottom Of Top Packer
Packer	4.00			4655.00	
Stubb	1.00			4656.00	
Recorder	0.00	8166	Inside	4656.00	
Perforations	20.00			4676.00	
Recorder	0.00	13761	Inside	4676.00	
Bullnose	3.00			4679.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25761

DST#: 2

ATTN: Jon Christensen

Test Start: 2006.12.19 @ 08:54:29

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:

90400 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.93 in³

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
124.00	Gassy Oil spot Mud 5%G spotO 95%M	0.610
124.00	Gassy Muddy Water 5%G 85%W 10%M	0.610
93.00	Gas lght Oil c/WM 5%G scm 60%M 35%W	1.305

Total Length: 341.00 ft

Total Volume: 2.525 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.142@42F=90,400

93' gassy light oil cut watery mud 5%G scum oil 35%W 60%M

DST Test Number: 2

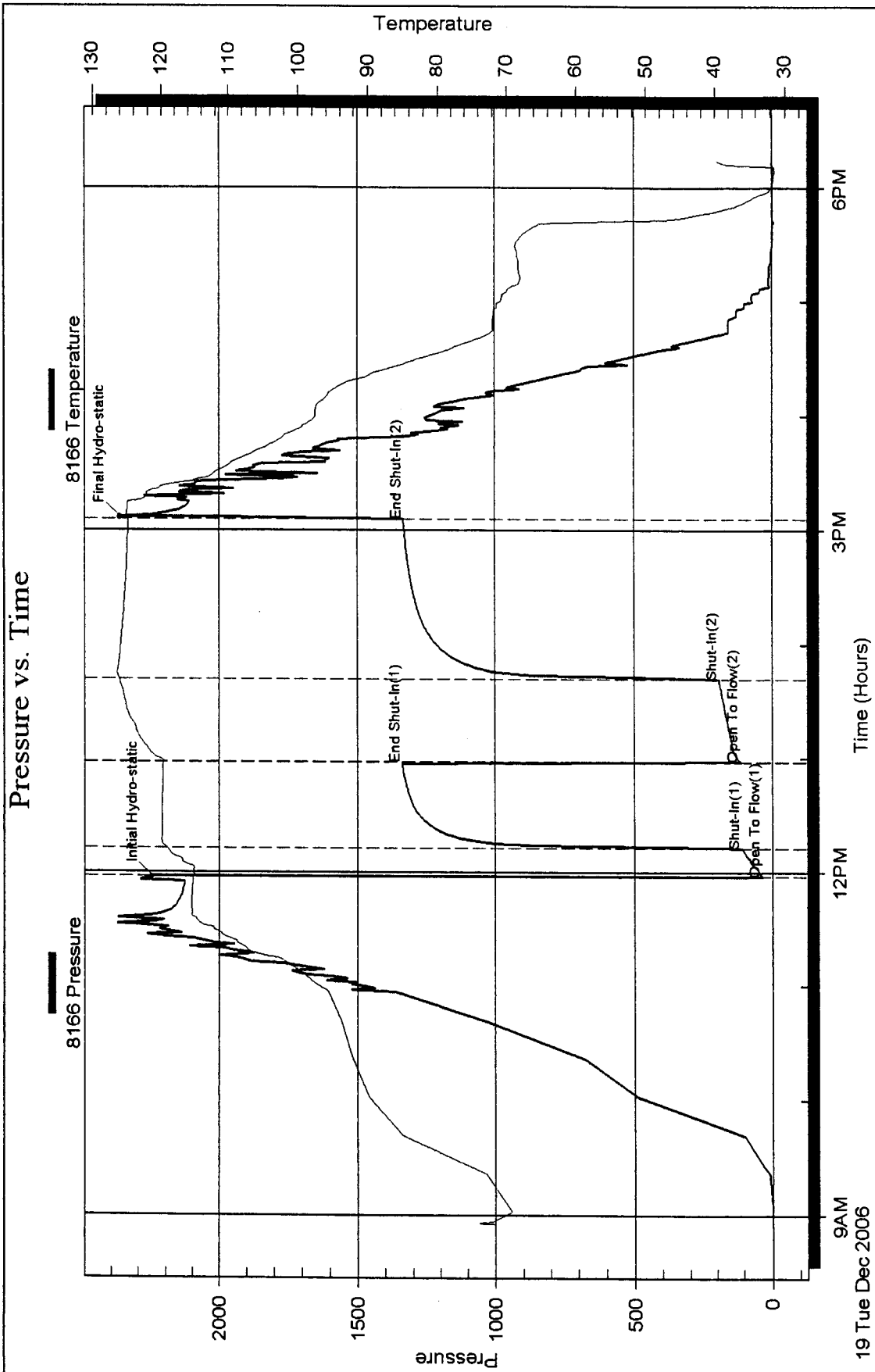
33 29 32W Haskell KS

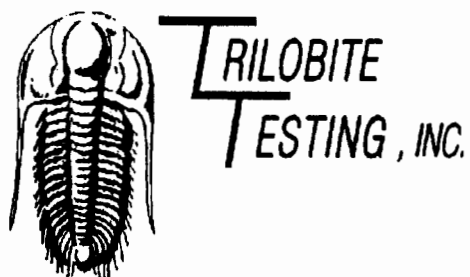
Strata Exploration Inc

Inside

Serial #: 8166

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

33 29 32W Haskell KS

#2 Murphy Trust

Start Date: 2006.12.20 @ 19:35:17

End Date: 2006.12.21 @ 05:07:02

Job Ticket #: 25762 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

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

#2 Murphy Trust

33 29 32W Haskell KS

Job Ticket: 25762

DST#: 3

Test Start: 2006.12.20 @ 19:35:17

GENERAL INFORMATION:

Formation: **Pawnee & Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:29:02

Time Test Ended: 05:07:02

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 20

Interval: **4917.00 ft (KB) To 4965.00 ft (KB) (TVD)**

Total Depth: **4965.00 ft (KB) (TVD)**

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

Reference Elevations: **2917.00 ft (KB)**

2909.00 ft (CF)

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

Serial #: 8166

Inside

Press@RunDepth: **110.68 psig @ 4920.00 ft (KB)**

Start Date: **2006.12.20**

End Date:

2006.12.21

Start Time: **19:35:22**

End Time:

05:07:02

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2006.12.20 @ 22:27:47**

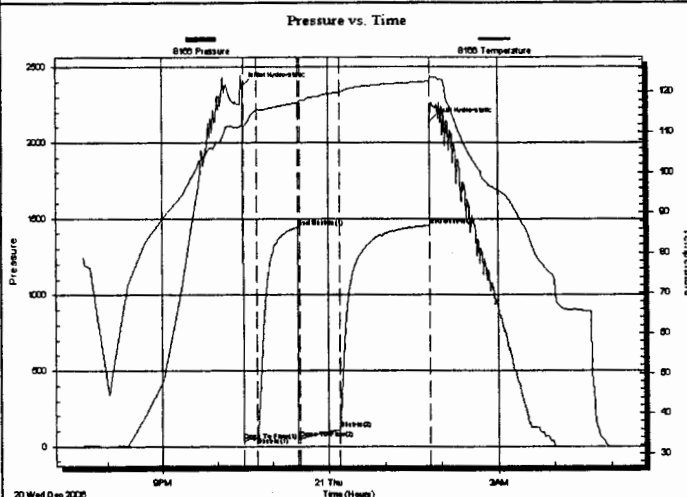
Time Off Btm: **2006.12.21 @ 01:47:46**

TEST COMMENT: IF Strong blow BOB 1 min.

ISI No return blow

FF Strong blow BOB ASAO GTS 9 min. gauge

FSI Return blow 1 " into bucket



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2376.20	111.75	Initial Hydro-static
2	36.19	111.46	Open To Flow (1)
16	60.62	115.76	Shut-In (1)
60	1440.57	117.35	End Shut-In (1)
62	46.63	117.84	Open To Flow (2)
105	110.68	120.02	Shut-In (2)
200	1453.84	122.71	End Shut-In (2)
200	2137.76	123.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	Gassy Watery Oil 5%G 75%O 20%W	1.22
40.00	Gassy Oil Cut Mud 10%G 40%O 50%M	0.56

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.50	6.33
Last Gas Rate	0.13	12.50	10.07
Max. Gas Rate	0.13	12.50	10.07



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25762

DST#: 3

ATTN: Jon Christensen

Test Start: 2006.12.20 @ 19:35:17

Tool Information

Drill Pipe:	Length: 4658.00 ft	Diameter: 3.80 inches	Volume: 65.34 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 68000.00 lb
		Total Volume: 66.56 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4917.00 ft			Final 64000.00 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			4890.00	
Shut In Tool	5.00			4895.00	
Hydraulic tool	5.00			4900.00	
Jars	5.00			4905.00	
Safety Joint	2.00			4907.00	
Change Over Sub	1.00			4908.00	
Packer	5.00			4913.00	28.00 Bottom Of Top Packer
Packer	4.00			4917.00	
Stubb	1.00			4918.00	
Anchor	2.00			4920.00	
Recorder	0.00	8166	Inside	4920.00	
Change Over Sub	1.00			4921.00	
Drill Pipe	30.00			4951.00	
Change Over Sub	1.00			4952.00	
Perforations	10.00			4962.00	
Recorder	0.00	13761	Inside	4962.00	
Bullnose	3.00			4965.00	48.00 Bottom Packers & Anchor
Total Tool Length:	76.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25762 **DST#: 3**

ATTN: Jon Christensen

Test Start: 2006.12.20 @ 19:35:17

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	Gassy Watery Oil 5%G 75%O 20%W	1.220
40.00	Gassy Oil Cut Mud 10%G 40%O 50%M	0.561

Total Length: 288.00 ft Total Volume: 1.781 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

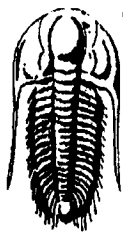
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=1.00@34F=12,600

To much mud and to frothy to check gravity



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25762

DST#: 3

ATTN: Jon Christensen

Test Start: 2006.12.20 @ 19:35:17

Gas Rates Information

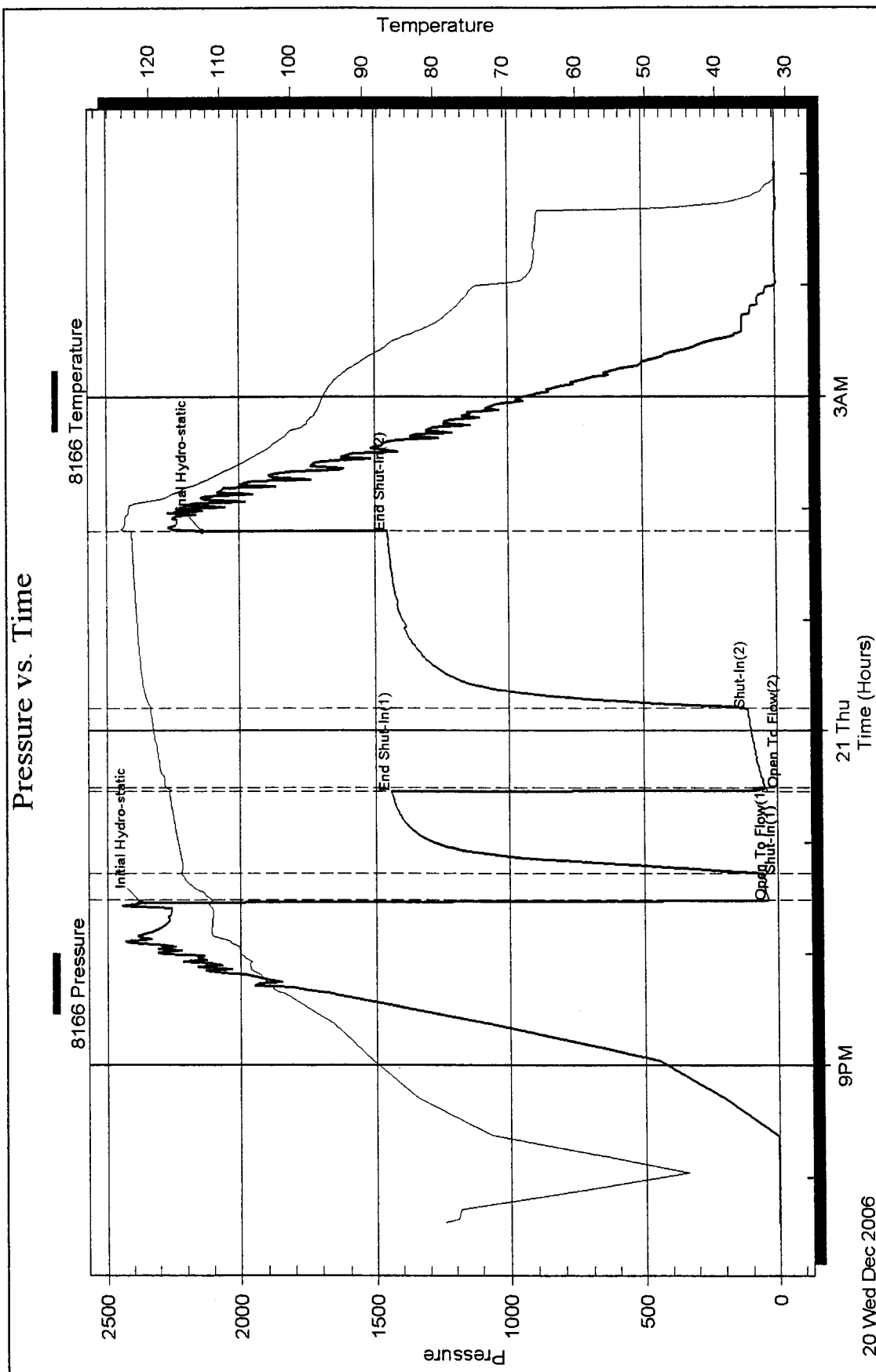
Temperature: 59 deg C

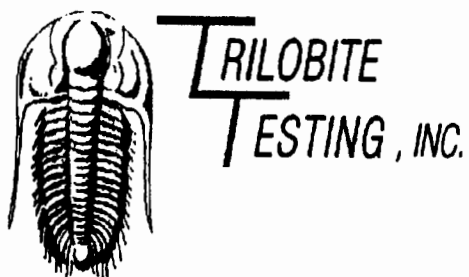
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	10	0.13	2.50	6.33
2	10	0.13	2.50	6.33
2	15	0.13	4.50	7.07
2	20	0.13	6.00	7.64
2	25	0.13	7.00	8.01
2	30	0.13	7.50	8.20
2	35	0.13	9.00	8.76
2	40	0.13	11.00	9.51
2	45	0.13	12.50	10.07





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

33 29 32W Haskell KS

#2 Murphy Trust

Start Date: 2006.12.22 @ 00:15:37

End Date: 2006.12.22 @ 12:05:52

Job Ticket #: 25763 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

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

#2 Murphy Trust

33 29 32W Haskell KS

Job Ticket: 25763

DST#: 4

Test Start: 2006.12.22 @ 00:15:37

GENERAL INFORMATION:

Formation: **Atoka**

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

Time Tool Opened: 04:53:07

Time Test Ended: 12:05:52

Test Type: **Conventional Bottom Hole**

Tester: **Delton Brown**

Unit No: **20**

Interval: **5076.00 ft (KB) To 5136.00 ft (KB) (TVD)**

Total Depth: **5136.00 ft (KB) (TVD)**

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

Reference Elevations: **2917.00 ft (KB)**

2909.00 ft (CF)

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

Serial #: 8166

Inside

Press@RunDepth: **120.97 psig @ 5079.00 ft (KB)**

Start Date: **2006.12.22**

End Date:

2006.12.22

Start Time: **00:15:42**

End Time:

12:05:52

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2006.12.22 @ 04:52:06**

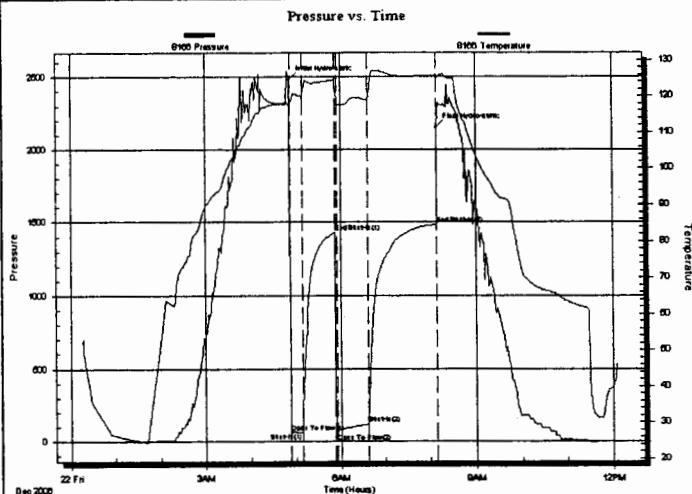
Time Off Btm: **2006.12.22 @ 08:08:21**

TEST COMMENT: **IF Strong Blow BOB 1 min. GTS 3 min.**

ISI No return blow

FF Strong blow BOB & GTS ASAO

FSI Return blow 1/2 " into bucket



PRESSURE SUMMARY

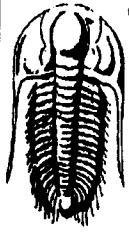
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2481.46	117.35	Initial Hydro-static
2	60.79	117.84	Open To Flow (1)
17	60.76	119.59	Shut-in(1)
61	1428.91	124.51	End Shut-in(1)
63	55.31	119.43	Open To Flow (2)
106	120.97	119.16	Shut-in(2)
197	1483.93	125.83	End Shut-in(2)
197	2148.47	126.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Gassy Muddy Oil 15%G 75%O 10%M	0.61
216.00	Gassy Muddy Oil 15%G 80%O 5%M	1.90
32.00	Gassy Muddy Oil 5%G 60%O 25%M	0.45

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	3.00	63.74
Last Gas Rate	0.38	16.50	113.19
Max. Gas Rate	0.38	16.50	113.19



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25763

DST#: 4

ATTN: Jon Christensen

Test Start: 2006.12.22 @ 00:15:37

Tool Information

Drill Pipe:	Length: 4816.00 ft	Diameter: 3.80 inches	Volume: 67.56 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: 25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 68.78 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	5076.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 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			5049.00	
Shut In Tool	5.00			5054.00	
Hydraulic tool	5.00			5059.00	
Jars	5.00			5064.00	
Safety Joint	2.00			5066.00	
Change Over Sub	1.00			5067.00	
Packer	5.00			5072.00	28.00 Bottom Of Top Packer
Packer	4.00			5076.00	
Stubb	1.00			5077.00	
Anchor	2.00			5079.00	
Recorder	0.00	8166	Inside	5079.00	
Change Over Sub	1.00			5080.00	
Drill Pipe	32.00			5112.00	
Change Over Sub	1.00			5113.00	
Perforations	20.00			5133.00	
Recorder	0.00	13761	Inside	5133.00	
Bullnose	3.00			5136.00	60.00 Bottom Packers & Anchor
Total Tool Length:	88.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25763 DST#: 4

ATTN: Jon Christensen

Test Start: 2006.12.22 @ 00:15:37

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 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
124.00	Gassy Muddy Oil 15%G 75%O 10%M	0.610
216.00	Gassy Muddy Oil 15%G 80%O 5%M	1.900
32.00	Gassy Muddy Oil 5%G 60%O 25%M	0.449

Total Length: 372.00 ft Total Volume: 2.959 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity=40API@40F=42



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 25763

DST#:4

ATTN: Jon Christensen

Test Start: 2006.12.22 @ 00:15:37

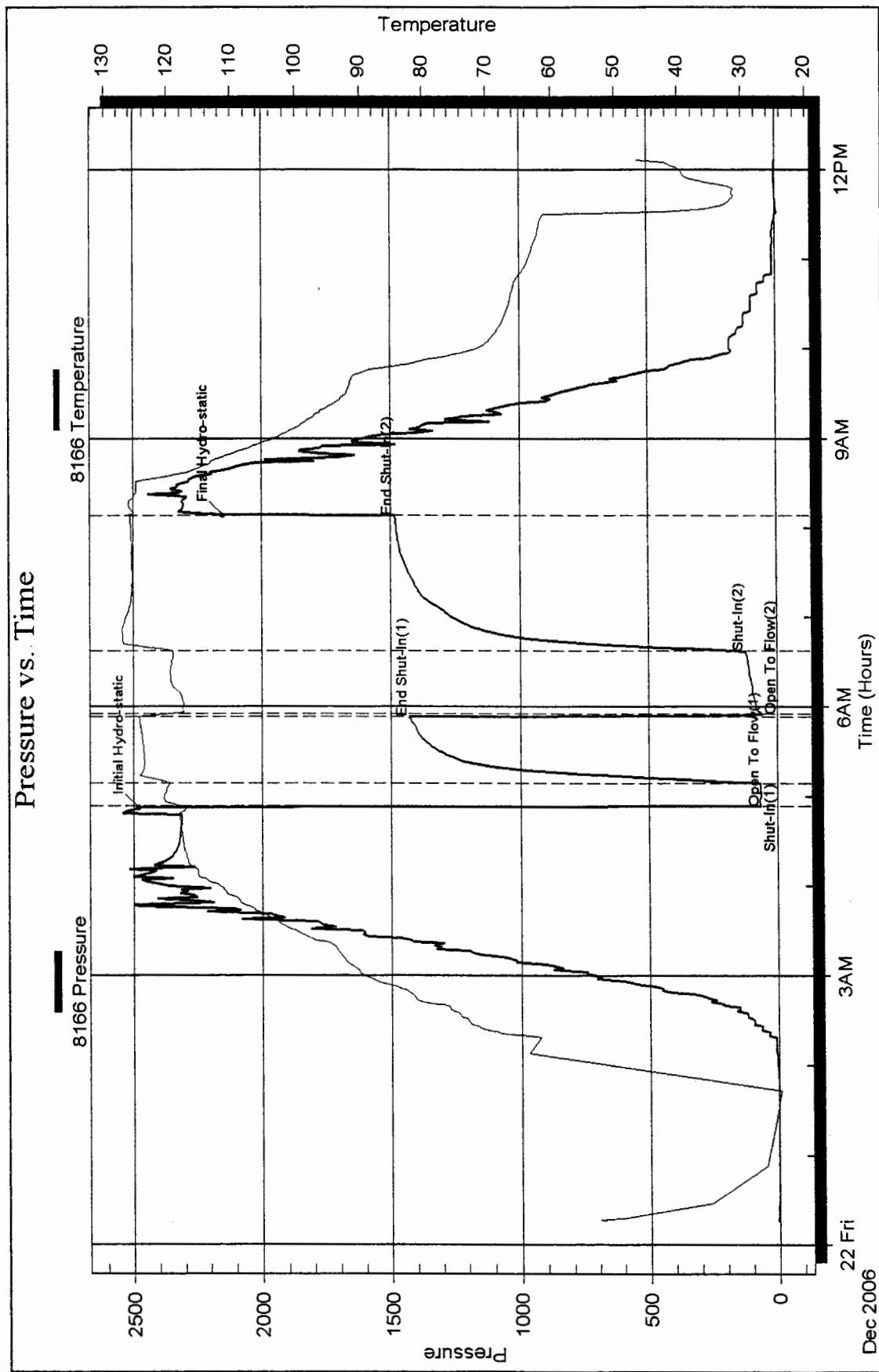
Gas Rates Information

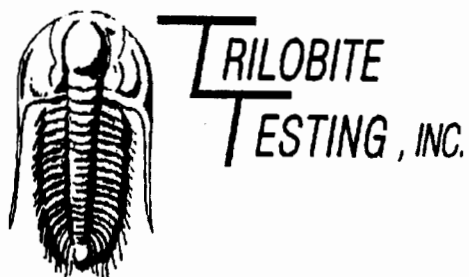
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Bapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	10	0.38	3.00	63.74
1	10	0.38	3.00	63.74
1	10	0.38	3.00	63.74
1	15	0.38	3.00	63.74
2	5	0.38	7.00	78.39
2	10	0.38	9.00	85.72
2	15	0.38	11.00	93.05
2	20	0.38	11.50	94.88
2	25	0.38	13.00	100.37
2	30	0.38	14.50	105.87
2	35	0.38	15.00	107.70
2	45	0.38	16.50	113.19

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

33 29 32W Haskell KS

#2 Murphy Trust

Start Date: 2006.12.27 @ 13:14:26

End Date: 2006.12.27 @ 22:04:24

Job Ticket #: 26024 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

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

#2 Murphy Trust

33 29 32W Haskell KS

Job Ticket: 26024

DST#: 5

Test Start: 2006.12.27 @ 13:14:26

GENERAL INFORMATION:

Formation: **Upper Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:51:24

Time Test Ended: 22:04:24

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 25

Interval: **5206.00 ft (KB) To 5293.00 ft (KB) (TVD)**

Total Depth: 5293.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2917.00 ft (KB)

2909.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6672

Inside

Press@RunDepth: 73.33 psig @ 5209.00 ft (KB)

Start Date: 2006.12.27

End Date:

2006.12.27

Start Time: 13:14:26

End Time:

22:04:24

Capacity: 6000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2006.12.27 @ 15:49:54

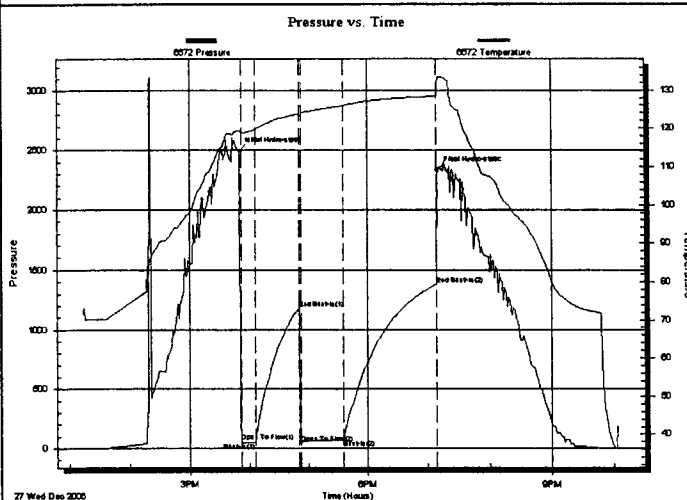
Time Off Btm: 2006.12.27 @ 19:08:39

TEST COMMENT: IF BOB in 1 min Gas hit surface in 3 min

ISI Weak Surface Blow

FF BOB 1 min Gas to surface same

ISI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2494.15	119.37	Initial Hydro-static
2	58.25	118.86	Open To Flow (1)
16	52.46	119.69	Shut-In (1)
61	1178.49	123.72	End Shut-In (1)
62	40.33	123.67	Open To Flow (2)
106	73.33	125.90	Shut-In (2)
199	1376.40	128.43	End Shut-In (2)
199	2332.66	128.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
231.00	100%M	1.14
0.00	GIP 4938'	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	6.00	74.73
Last Gas Rate	0.13	23.00	14.00
Max. Gas Rate	0.13	23.00	14.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 26024

DST#: 5

ATTN: Jon Christensen

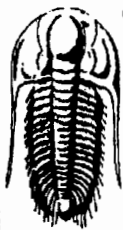
Test Start: 2006.12.27 @ 13:14:26

Tool Information

Drill Pipe:	Length: 4938.00 ft	Diameter: 3.80 inches	Volume: 69.27 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	- bbl	Tool Chased	13.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	20000.00 lb
Depth to Top Packer:	5206.00 ft			Final	91000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	87.00 ft				
Tool Length:	115.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5179.00	
Shut In Tool	5.00			5184.00	
Hydraulic tool	5.00			5189.00	
Jars	5.00			5194.00	
Safety Joint	2.00			5196.00	
Packer	5.00			5201.00	28.00 Bottom Of Top Packer
Packer	5.00			5206.00	
Stubb	1.00			5207.00	
Anchor	2.00			5209.00	
Recorder	0.00	6672	inside	5209.00	
Change Over Sub	1.00			5210.00	
Drill Pipe	62.00			5272.00	
Change Over Sub	1.00			5273.00	
Perforations	17.00			5290.00	
Recorder	0.00	11020	inside	5290.00	
Bullnose	3.00			5293.00	87.00 Bottom Packers & Anchor
Total Tool Length:	115.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 26024

DST#: 5

ATTN: Jon Christensen

Test Start: 2006.12.27 @ 13:14:26

Mud and Cushion Information

Mud Type:

Cushion Type:

Oil API:

deg API

Mud Weight:

lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity:

sec/qt

Cushion Volume:

bbl

Water Loss:

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
231.00	100%M	1.136
0.00	GIP 4938 '	0.000

Total Length: 231.00 ft

Total Volume: 1.136 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc

#2 Murphy Trust

PO Box 401
Fairfield IL 62837

33 29 32W Haskell KS

Job Ticket: 26024

DST#: 5

ATTN: Jon Christensen

Test Start: 2006.12.27 @ 13:14:26

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)
1	10	0.38	6.00	74.73
1	15	0.38	6.00	74.73
2	5	0.13	12.00	9.88
2	10	0.13	12.00	9.88
2	15	0.13	14.00	10.63
2	20	0.13	16.00	11.38
2	25	0.13	17.00	11.75
2	30	0.13	18.00	12.13
2	35	0.13	20.00	12.88
2	40	0.13	22.00	13.62
2	45	0.13	23.00	14.00

Serial #: 6672

Inside

Strata Exploration Inc

33 29 32W Haskell KS

DST Test Number: 5

Pressure vs. Time

