TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

22-29S-32W

Stoops- Webber #2

Start Date: 2003.03.11 @ 14:36:44

End Date: 2003.03.11 @ 22:50:44

Job Ticket #: 15863 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Strata Exploration Inc
PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15863 **DST#: 1**

Test Start: 2003.03.11 @ 14:36:44

GENERAL INFORMATION:

Formation: **Ft. Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:57:44
Time Test Ended: 22:50:44

Test Type: Conventional Bottom Hole
Tester: Blake Wallace
Unit No: 20

Interval: 4926.00 ft (KB) To 4952.00 ft (KB) (TVD)
Total Depth: 4952.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

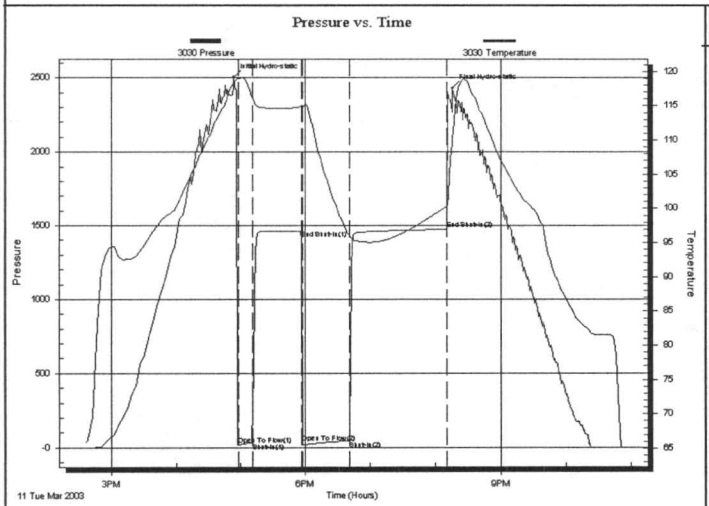
Reference Elevations: 2915.00 ft (KB)
2910.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3030 **Inside**

Press@RunDepth: 46.18 psig @ 4929.00 ft (KB)
Start Date: 2003.03.11 End Date: 2003.03.11
Start Time: 14:36:48 End Time: 22:50:43

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2003.03.11 @ 16:53:44
Time Off Btm: 2003.03.11 @ 20:15:59

TEST COMMENT: IF- Strong blow built to BOB in 45 seconds GTS in 15 minutes
ISI- No blow back
FF-Strong blow BOB as soon as open
FSI-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2502.68	118.35	Initial Hydro-static
4	18.10	118.99	Open To Flow (1)
17	30.26	116.23	Shut-In(1)
63	1408.78	114.93	End Shut-In(1)
64	30.68	114.93	Open To Flow (2)
107	46.18	96.08	Shut-In(2)
197	1473.28	100.30	End Shut-In(2)
203	2429.68	110.36	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)
First Gas Rate	0.13	8.00	8.38
Last Gas Rate	0.13	0.00	5.39
Max. Gas Rate	0.13	24.00	14.37

DRILL STEM TEST REPORT

TOOL DIAGRAM

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15863 **DST#: 1**

Test Start: 2003.03.11 @ 14:36:44

Tool Information

Drill Pipe:	Length:	4528.00 ft	Diameter:	3.80 inches	Volume:	63.52 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:		20000.00 lb
Drill Collar:	Length:	390.00 ft	Diameter:	2.25 inches	Volume:	1.92 bbl	Weight to Pull Loose:		78000.00 lb
					Total Volume:	65.44 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		14.00 ft					String Weight:	Initial	70000.00 lb
Depth to Top Packer:		4926.00 ft						Final	70000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		26.00 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	
C.O. Sub	1.00			4905.00		
S.I. Tool	5.00			4910.00		
HMV	5.00			4915.00		
Safety Joint	2.00			4917.00		
Packer	5.00			4922.00	22.00	Bottom Of Top Packer
Packer	4.00			4926.00		
Stubb	1.00			4927.00		
Perforations	2.00			4929.00		
Recorder	0.00	3030	Inside	4929.00		
Perforations	20.00			4949.00		
Recorder	0.00	11019	Outside	4949.00		
Bullnose	3.00			4952.00	26.00	Bottom Packers & Anchor

Total Tool Length: 48.00

DRILL STEM TEST REPORT

FLUID SUMMARY

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15863 **DST#: 1**

Test Start: 2003.03.11 @ 14:36:44

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	800.00 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: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, Ks

Recovery Comments:

DRILL STEM TEST REPORT

GAS RATES

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15863 **DST#: 1**

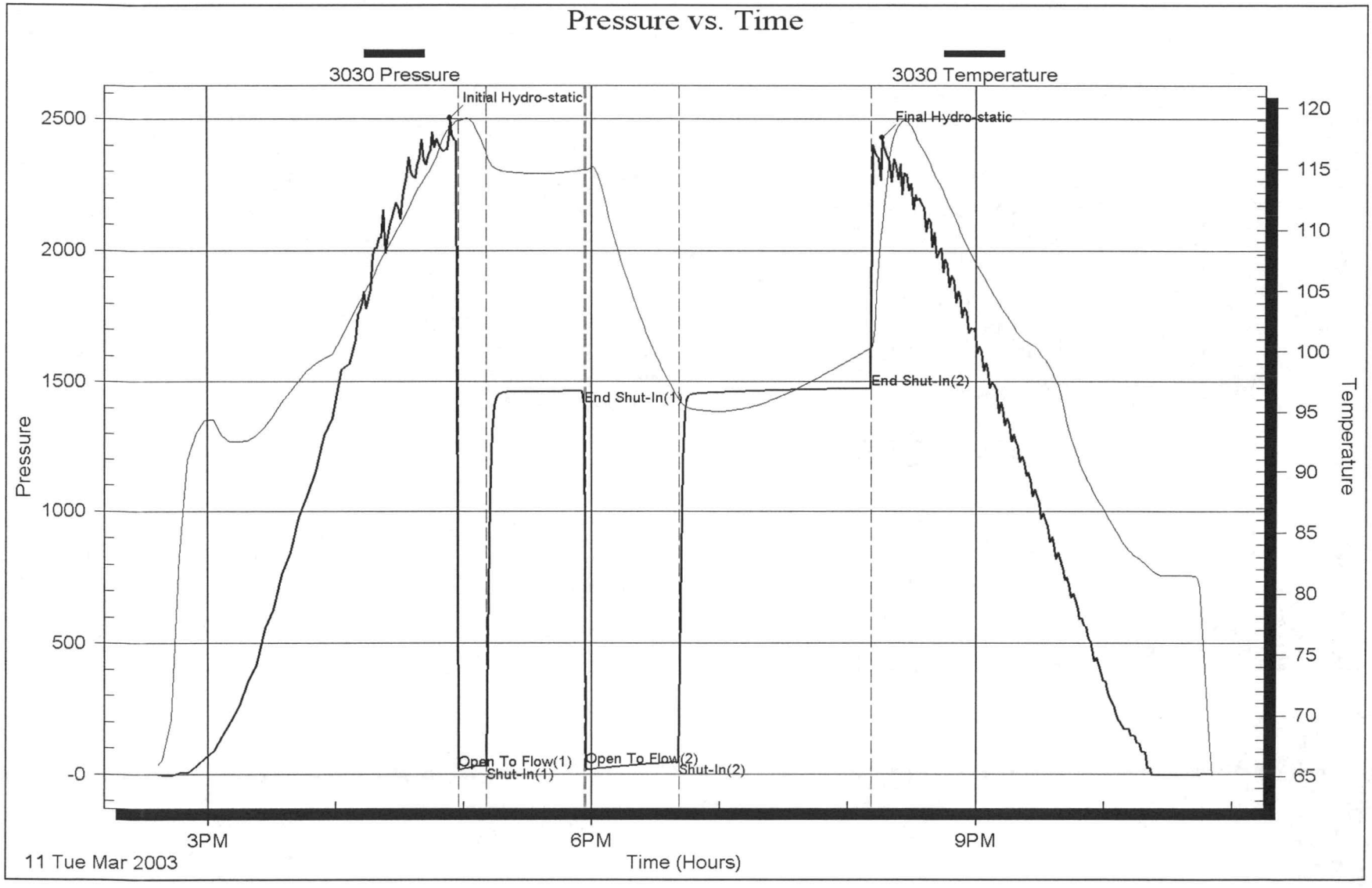
Test Start: 2003.03.11 @ 14:36:44

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	10	0.13	8.00	8.38
2	20	0.13	14.00	10.63
2	30	0.13	19.00	12.50
2	40	0.13	23.00	14.00
2	45	0.13	24.00	14.37
0	0	0.13	0.00	5.39


Pressure vs. Time
3030 Pressure
3030 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2500
2000
1500
1000
500
-0
120
115
110
105
100
95
90
85
80
75
70
65
3PM
6PM
9PM
11 Tue Mar 2003
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

22-29S-32W

Stoops- Webber #2

Start Date: 2003.03.12 @ 21:29:20
End Date: 2003.03.13 @ 06:25:50
Job Ticket #: 15864 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15864 **DST#: 2**

Test Start: 2003.03.12 @ 21:29:20

GENERAL INFORMATION:

Formation: **Atoka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:56:05
Time Test Ended: 06:25:50

Interval: 5062.00 ft (KB) To 5121.00 ft (KB) (TVD)
Total Depth: 5121.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

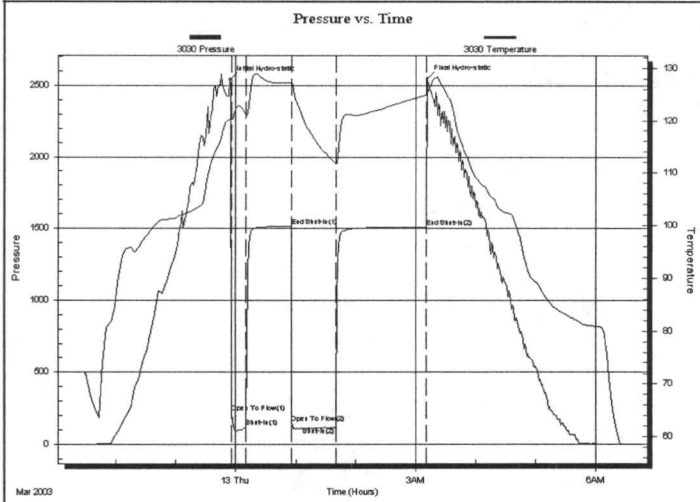
Test Type: Conventional Bottom Hole
Tester: Blake Wallace
Unit No: 20

Reference Elevations: 2915.00 ft (KB)
2910.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3030 **Inside**

Press@RunDepth:	117.02 psig @	5065.00 ft (KB)		Capacity:	7000.00 psig
Start Date:	2003.03.12	End Date:	2003.03.13	Last Calib.:	1899.12.30
Start Time:	21:29:24	End Time:	06:25:50	Time On Btm:	2003.03.12 @ 23:54:05
				Time Off Btm:	2003.03.13 @ 03:12:05

TEST COMMENT: IF- Strong blow built to BOB in 1 minute GTS in 5 minutes
ISI- No blow back
FF-Strong blow BOB as soon as open
FSI- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2542.06	120.21	Initial Hydro-static
2	217.86	120.23	Open To Flow (1)
17	122.19	121.16	Shut-In(1)
62	1513.38	127.24	End Shut-In(1)
62	148.16	127.14	Open To Flow (2)
106	117.02	111.85	Shut-In(2)
197	1511.01	124.86	End Shut-In(2)
198	2548.61	125.11	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)
First Gas Rate	0.75	17.00	490.46
Last Gas Rate	0.13	0.00	5.39
Max. Gas Rate	0.75	31.00	709.14

DRILL STEM TEST REPORT

TOOL DIAGRAM

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15864 **DST#: 2**

Test Start: 2003.03.12 @ 21:29:20

Tool Information

Drill Pipe:	Length:	4683.00 ft	Diameter:	3.80 inches	Volume:	65.69 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:		20000.00 lb
Drill Collar:	Length:	390.00 ft	Diameter:	2.25 inches	Volume:	1.92 bbl	Weight to Pull Loose:		78000.00 lb
					Total Volume:	67.61 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		33.00 ft					String Weight:	Initial	70000.00 lb
Depth to Top Packer:		5062.00 ft						Final	72000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		59.00 ft							
Tool Length:		81.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub	1.00			5041.00		
S.I. Tool	5.00			5046.00		
HMV	5.00			5051.00		
Safety Joint	2.00			5053.00		
Packer	5.00			5058.00	22.00	Bottom Of Top Packer
Packer	4.00			5062.00		
Stubb	1.00			5063.00		
Perforations	2.00			5065.00		
Recorder	0.00	3030	Inside	5065.00		
Perforations	10.00			5075.00		
Change Over Sub	1.00			5076.00		
Blank Spacing	31.00			5107.00		
Blank Spacing	10.00			5117.00		
Change Over Sub	1.00			5118.00		
Recorder	0.00	11019	Outside	5118.00		
Bullnose	3.00			5121.00	59.00	Bottom Packers & Anchor
Total Tool Length:	**81.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15864 **DST#: 2**

Test Start: 2003.03.12 @ 21:29:20

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:	8.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3500.00 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: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 15864 **DST#: 2**

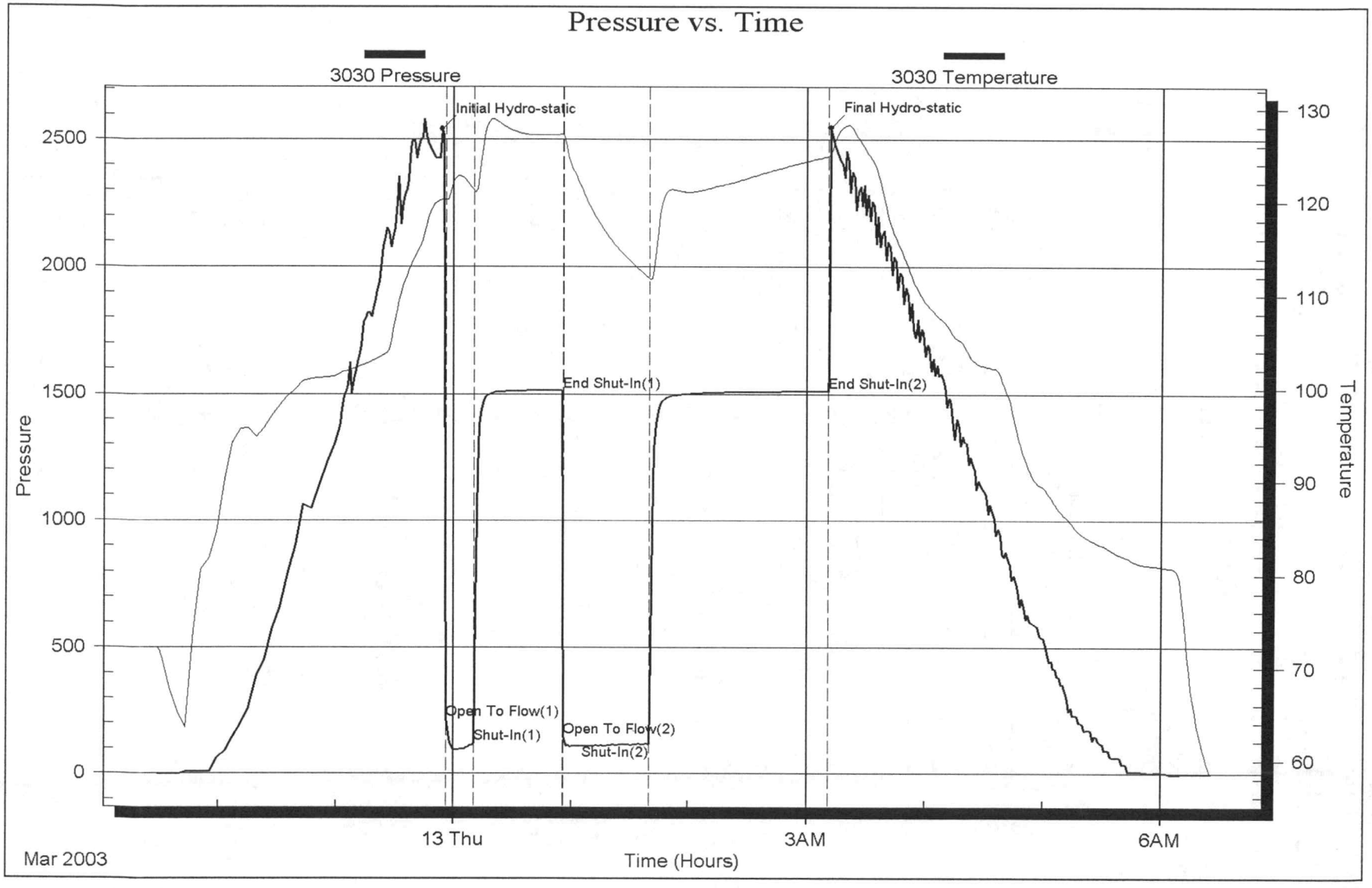
Test Start: 2003.03.12 @ 21:29:20

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	5	0.75	17.00	490.46
1	10	0.75	19.00	521.70
1	15	0.75	21.00	552.94
2	10	0.75	26.00	631.04
2	20	0.75	30.00	693.52
2	30	0.75	31.00	709.14
2	40	0.75	31.00	709.14
2	45	0.75	31.00	709.14
0	0	0.13	0.00	5.39


Pressure vs. Time
3030 Pressure
3030 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
13 Thu
3AM
6AM
Mar 2003
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

22-29S-32W

Stoops- Webber #2

Start Date: 2003.03.14 @ 13:21:45

End Date: 2003.03.14 @ 20:09:15

Job Ticket #: 16207 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 16207 **DST#: 3**

Test Start: 2003.03.14 @ 13:21:45

GENERAL INFORMATION:

Formation: **morrow sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:39:00
Time Test Ended: 20:09:15

Interval: 5224.00 ft (KB) To 5370.00 ft (KB) (TVD)
Total Depth: 5370.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair

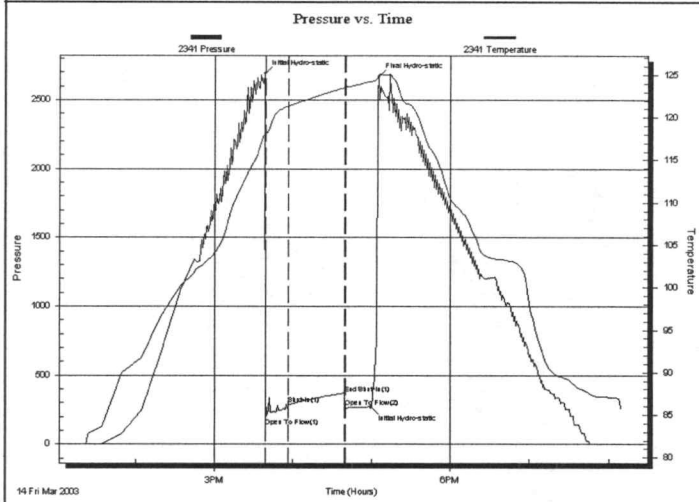
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 25

Reference Elevations: 2915.00 ft (KB)
2910.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 2341 **Inside**

Press@RunDepth:	285.79 psig @	5225.00 ft (KB)		Capacity:	7000.00 psig
Start Date:	2003.03.14	End Date:	2003.03.14	Last Calib.:	1899.12.30
Start Time:	13:21:47	End Time:	20:09:15	Time On Btm:	2003.03.14 @ 15:38:30
				Time Off Btm:	2003.03.14 @ 17:05:30

TEST COMMENT: B.O.B. in 9 min. mud fell during open
Bleed off for 2 min. return to B.O.B in 12 min.
B.O.B. @ open died back to 11"in.
Open tool lost packer seat 25 min into open pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2689.92	118.11	Initial Hydro-static
1	125.79	118.19	Open To Flow (1)
18	285.79	121.37	Shut-In(1)
62	367.66	123.54	End Shut-In(1)
62	265.90	123.54	Open To Flow (2)
82	266.88	124.26	Initial Hydro-static
87	2668.65	124.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	s g c m 15% 85%m	1.77
390.00	s g c m 5%g 95%m	5.20

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 16207 **DST#: 3**

Test Start: 2003.03.14 @ 13:21:45

Tool Information

Drill Pipe:	Length:	4838.00 ft	Diameter:	3.80 inches	Volume:	67.86 bbl	Tool Weight:		1500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		40000.00 lb
Drill Collar:	Length:	390.00 ft	Diameter:	2.25 inches	Volume:	1.92 bbl	Weight to Pull Loose:		88000.00 lb
					Total Volume:	69.78 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		31.00 ft					String Weight:	Initial	74000.00 lb
Depth to Top Packer:		5224.00 ft						Final	77000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		146.00 ft							
Tool Length:		173.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:
fluid leaking around packer on IF Lost packer seat during FF

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub	1.00			5198.00		
S.I. Tool	5.00			5203.00		
HMV	5.00			5208.00		
Jars	5.00			5213.00		
Safety Joint	2.00			5215.00		
Packer	5.00			5220.00	27.00	Bottom Of Top Packer
Packer	4.00			5224.00		
Stubb	1.00			5225.00		
Recorder	0.00	2341	Inside	5225.00		
Perforations	13.00			5238.00		
C.O. Sub	1.00			5239.00		
drillpipe	125.00			5364.00		
C.O. Sub	1.00			5365.00		
Recorder	0.00	2023	Outside	5365.00		
Bullnose	5.00			5370.00	146.00	Bottom Packers & Anchor
Total Tool Length:	**173.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 16207 **DST#: 3**

Test Start: 2003.03.14 @ 13:21:45

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2900.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

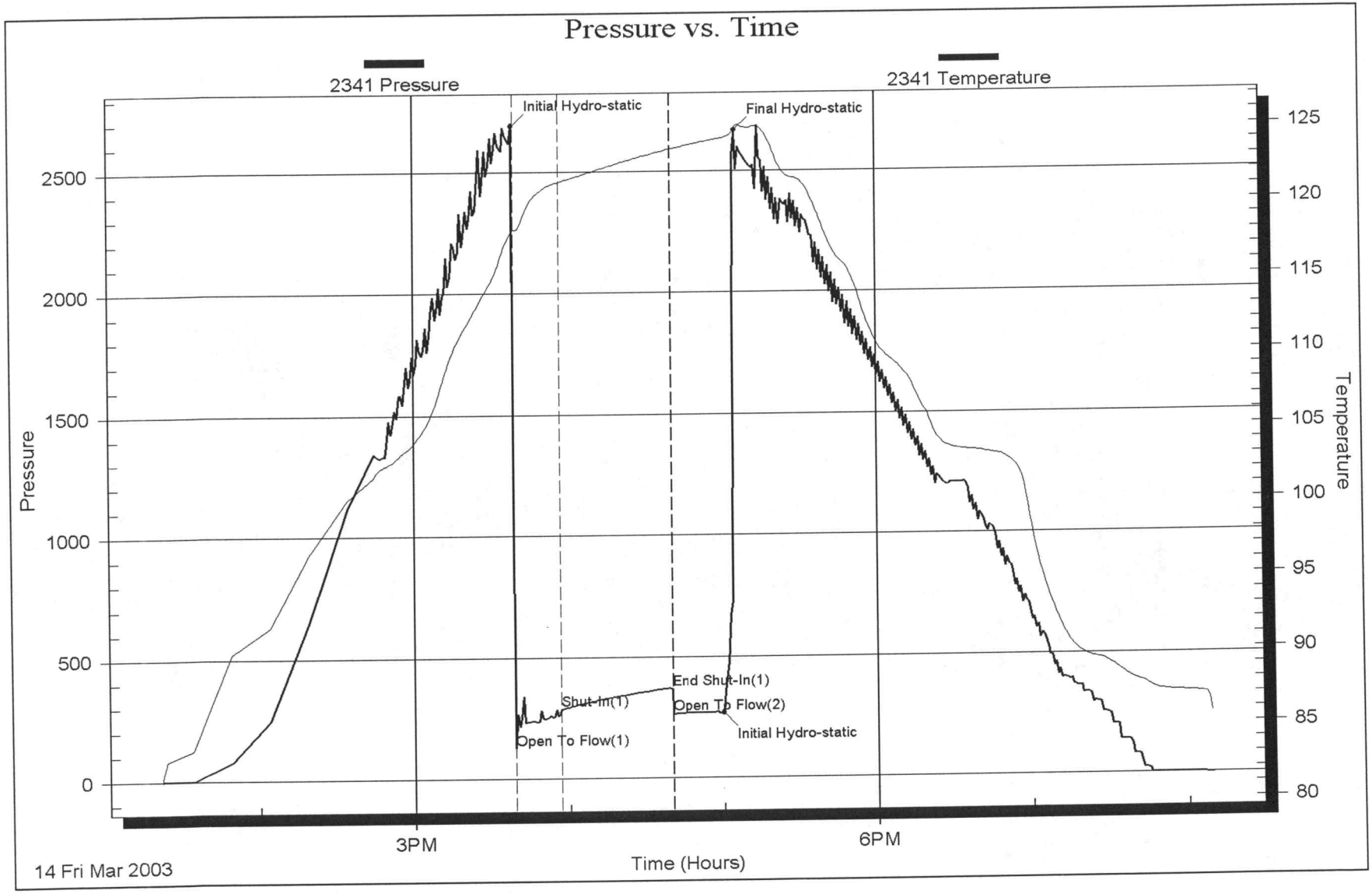
Length ft	Description	Volume bbl
360.00	s g c m 15% 85%m	1.770
390.00	s g c m 5%g 95%m	5.197

Total Length: 750.00 ft Total Volume: 6.967 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
2341 Pressure
2341 Temperature
Initial Hydro-static
Final Hydro-static
Shut-In(1)
End Shut-In(1)
Open To Flow(1)
Open To Flow(2)
Initial Hydro-static
Pressure
Temperature
2500
2000
1500
1000
500
0
125
120
115
110
105
100
95
90
85
80
3PM
6PM
Time (Hours)
14 Fri Mar 2003

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

22-29S-32W

Stoops- Webber #2

Start Date: 2003.03.15 @ 17:34:06

End Date: 2003.03.16 @ 02:32:49

Job Ticket #: 16208 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Strata Exploration Inc
PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 16208 **DST#: 4**

Test Start: 2003.03.15 @ 17:34:06

GENERAL INFORMATION:

Formation: **St. Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:18:04
Time Test Ended: 02:32:49

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 25

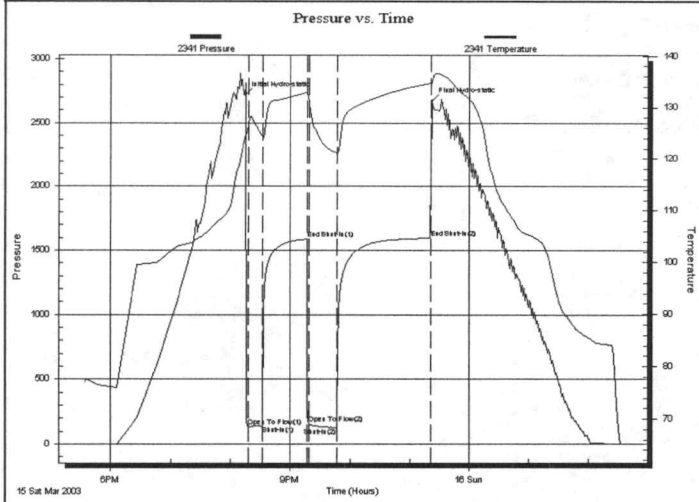
Interval: 5500.00 ft (KB) To 5525.00 ft (KB) (TVD)
Total Depth: 5525.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2915.00 ft (KB)
2910.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 2341 **Inside**

Press@RunDepth:	129.74 psig @	5501.00 ft (KB)		Capacity:	7000.00 psig
Start Date:	2003.03.15	End Date:	2003.03.16	Last Calib.:	1899.12.30
Start Time:	17:34:06	End Time:	02:32:49	Time On Btm:	2003.03.15 @ 20:14:49
				Time Off Btm:	2003.03.15 @ 23:22:19

TEST COMMENT: B.O.B. @ open G.T.S. in 3 min.
No return
Gauging gas @ open
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2715.97	124.20	Initial Hydro-static
4	139.67	126.37	Open To Flow (1)
18	140.33	124.34	Shut-In(1)
63	1589.14	132.98	End Shut-In(1)
65	159.66	130.45	Open To Flow (2)
92	129.74	121.17	Shut-In(2)
187	1595.65	134.71	End Shut-In(2)
188	2671.63	135.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	g c m 30%g 70%m	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	18.00	506.08
Last Gas Rate	0.75	30.00	647.51
Max. Gas Rate	0.75	30.00	647.51

DRILL STEM TEST REPORT

TOOL DIAGRAM

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 16208 **DST#: 4**

Test Start: 2003.03.15 @ 17:34:06

Tool Information

Drill Pipe:	Length:	5113.00 ft	Diameter:	3.80 inches	Volume:	71.72 bbl	Tool Weight:		1500.00 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:	390.00 ft	Diameter:	2.25 inches	Volume:	1.92 bbl	Weight to Pull Loose:		85000.00 lb
					Total Volume:	73.64 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight:	Initial	70000.00 lb
Depth to Top Packer:		5500.00 ft						Final	70000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		25.00 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	
C.O. Sub	1.00			5474.00		
S.I. Tool	5.00			5479.00		
HMV	5.00			5484.00		
Jars	5.00			5489.00		
Safety Joint	2.00			5491.00		
Packer	5.00			5496.00	27.00	Bottom Of Top Packer
Packer	4.00			5500.00		
Stubb	1.00			5501.00		
Recorder	0.00	2341	Inside	5501.00		
Perforations	19.00			5520.00		
Recorder	0.00	11058	Outside	5520.00		
Bullnose	5.00			5525.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**52.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 16208 **DST#: 4**

Test Start: 2003.03.15 @ 17:34:06

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:	8.77 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3400.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	g c m 30%g 70%m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

DRILL STEM TEST REPORT

GAS RATES

TRILOBITE TESTING, INC.

Strata Exploration Inc

PO Box 401
Fairfield IL 62873

ATTN: Jon Christensen

Stoops- Webber #2

22-29S-32W

Job Ticket: 16208 **DST#: 4**

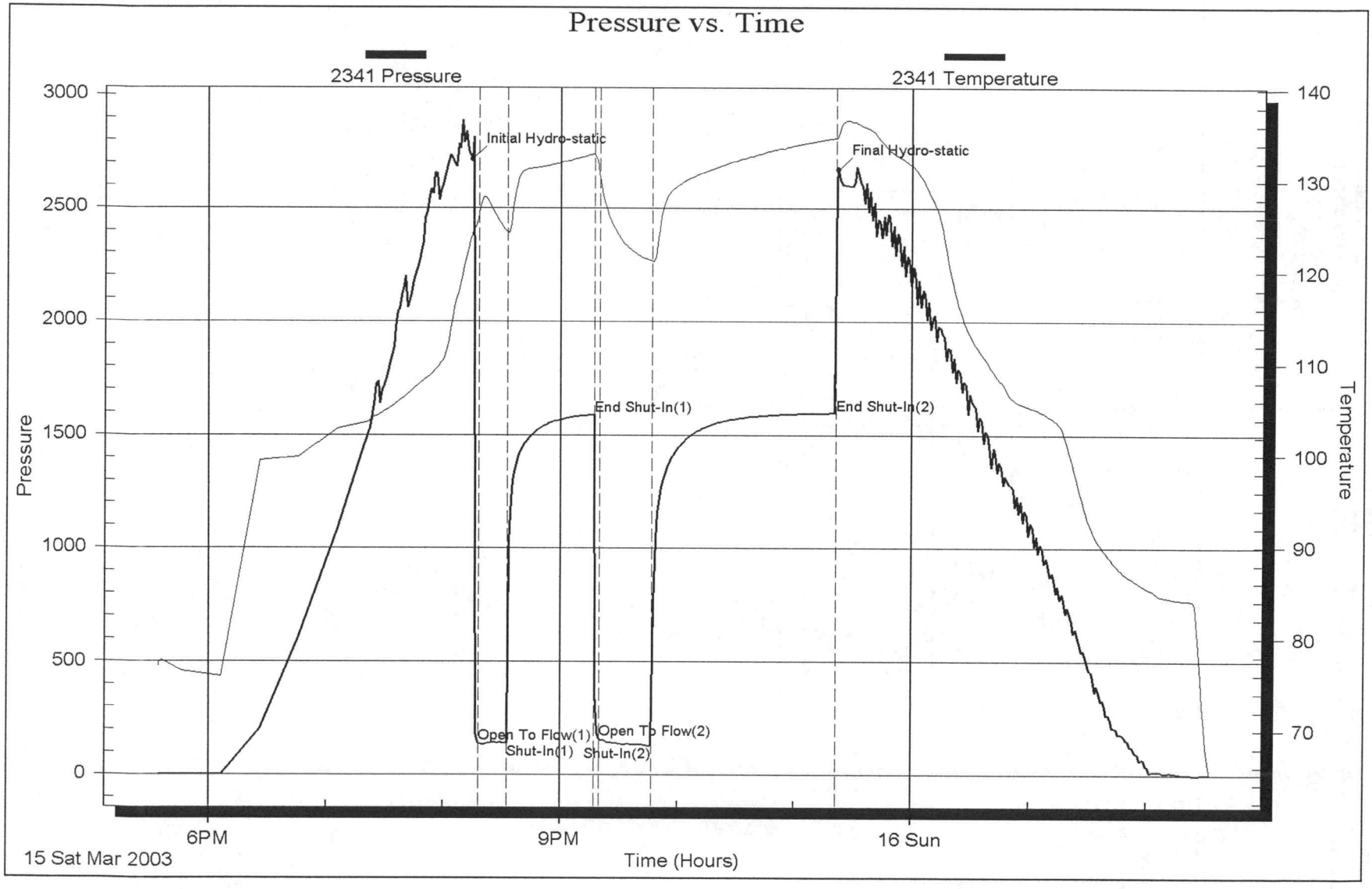
Test Start: 2003.03.15 @ 17:34:06

Gas Rates Information

Temperature: 56 deg C
Relative Density: 0.75
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m^3/d)
1	5	0.75	18.00	506.08
1	5	0.75	18.00	472.51
1	10	0.75	24.00	560.01
1	15	0.75	27.00	603.76
1	10	0.75	24.00	560.01
2	5	0.75	24.00	560.01
2	10	0.75	29.00	632.93
2	15	0.75	30.00	647.51
2	20	0.75	30.00	647.51


Pressure vs. Time
2341 Pressure
2341 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
3000
2500
2000
1500
1000
500
0
140
130
120
110
100
90
80
70
6PM
9PM
16 Sun
15 Sat Mar 2003
Time (Hours)