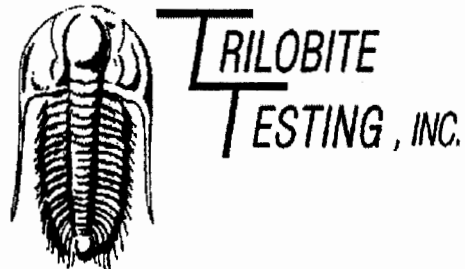


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KANSAS CORPORATION COMMISSION

JUL 14 2005

CONSERVATION DIVISION
WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.LLC.**

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

25 32s 11w Barber KS

Bloom Trust #1

Start Date: 2003.10.12 @ 16:49:28

End Date: 2003.10.13 @ 02:14:47

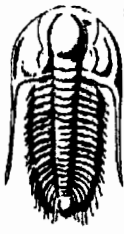
Job Ticket #: 17906 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

104103

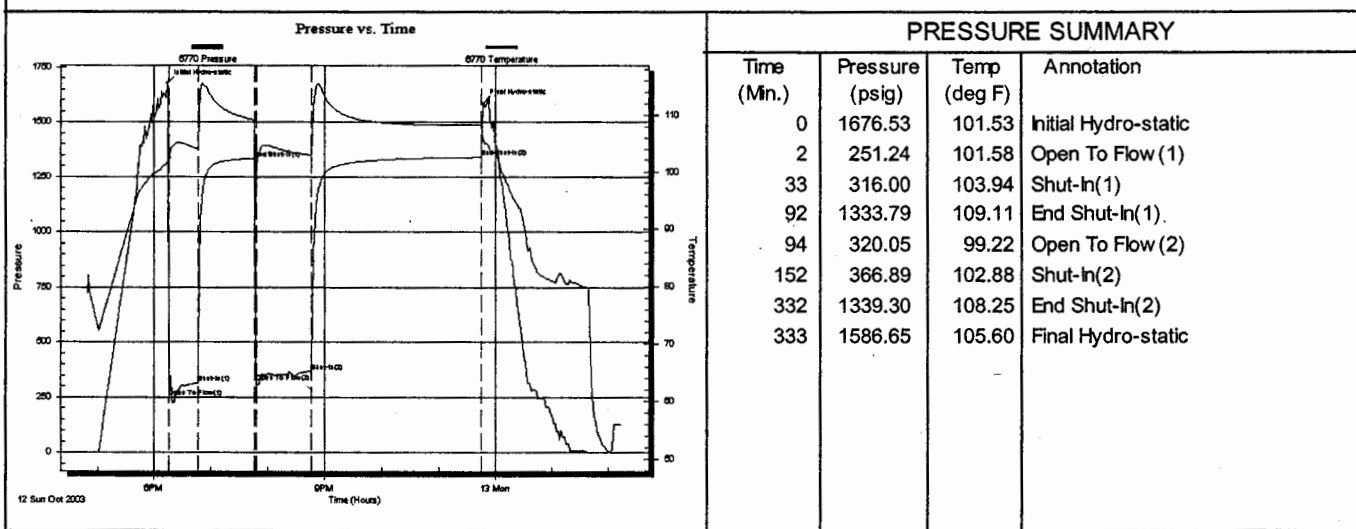
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Woolsey Operating Co.LLC.	Bloom Trust #1
	125 N Market #1000 Wichita, KS 67202 ATTN: Dean Pattison	25 32s 11w Barber KS Job Ticket: 17906 DST#: 1 Test Start: 2003.10.12 @ 16:49:28

GENERAL INFORMATION:

Formation: Elgin Sand	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Paul Simpson/G.Pevot
Time Tool Opened: 18:16:18	Unit No: 23
Time Test Ended: 02:14:47	Reference Elevations: 1514.00 ft (KB)
Interval: 3400.00 ft (KB) To 3503.00 ft (KB) (TVD)	1505.00 ft (CF)
Total Depth: 3503.00 ft (KB) (TVD)	KB to GR/CF: 9.00 ft
Hole Diameter: 7.88 inches Hole Condition: Good	

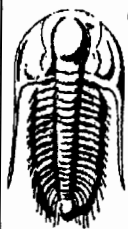
Serial #: 6770	Inside		
Press@RunDepth: 366.89 psig @ 3401.00 ft (KB)	Capacity: 7000.00 psig		
Start Date: 2003.10.12	End Date: 2003.10.13	Last Calib.: 2003.10.13	
Start Time: 16:49:29	End Time: 02:14:47	Time On Btm: 2003.10.12 @ 18:14:18	
		Time Off Btm: 2003.10.12 @ 23:46:48	

TEST COMMENT: IF- strong -- bottom of bucket in 30 seconds gts 3 min
FF- gauging gas with dcr 900 -see separate report heavy mist of mud throughout flow
FIS- no blow



Recovery		
Length (ft)	Description	Volume (bbl)
310.00	MW 26% m 74% w Rw .09 ohms @55 deg	4.35
350.00	GCM 20% g 5% w 75% m	4.91

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	21.00	1017.71
Last Gas Rate	1.00	29.00	1247.70
Max. Gas Rate	1.00	29.00	1247.70



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17906

DST#: 1

ATTN: Dean Pattison

Test Start: 2003.10.12 @ 16:49:28

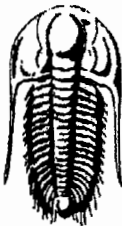
Tool Information

Drill Pipe:	Length: 3378.00 ft	Diameter: 3.80 inches	Volume: 47.38 bbl	Tool Weight:	2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
			Total Volume: 47.38 bbl	Tool Chased	ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3400.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	103.00 ft				
Tool Length:	130.00 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			3374.00	
Shut In Tool	5.00			3379.00	
Hydraulic tool	5.00			3384.00	
Jars	5.00			3389.00	
Safety Joint	2.00			3391.00	
Packer	4.00			3395.00	27.00 Bottom Of Top Packer
Packer	5.00			3400.00	
Stubb	1.00			3401.00	
Recorder	0.00	6770	Inside	3401.00	
Perforations	1.00			3402.00	
Change Over Sub	1.00			3403.00	
Blank Spacing	94.00			3497.00	
Change Over Sub	1.00			3498.00	
Recorder	0.00	13222	Outside	3498.00	
Bullnose	5.00			3503.00	103.00 Bottom Packers & Anchor

Total Tool Length: 130.00

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	Woolsey Operating Co.LLC. 125 N Market #1000 Wichita, KS 67202 ATTN: Dean Pattison		Bloom Trust #1 25 32s 11w Barber KS Job Ticket: 17906 DST#:1 Test Start: 2003.10.12 @ 16:49:28

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:	122000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.15 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information		
Recovery Table		
Length ft	Description	Volume bbl
310.00	MW 26% _m 74% _w R _w .09 ohms @55 deg.	4.348
350.00	GCM 20% _g 5% _w 75% _m	4.910

Total Length: 660.00 ft	Total Volume: 9.258 bbl	
Num Fluid Samples: 0	Num Gas Bombs: 1	Serial #: gp-1
Laboratory Name: Caraway	Laboratory Location: Liberal, KS	
Recovery Comments:		



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Woolsey Operating Co.LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17906

DST#: 1

ATTN: Dean Pattison

Test Start: 2003.10.12 @ 16:49:28

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	6	1.00	21.00	1017.71
1	6	1.00	21.00	1017.71
1	6	1.00	21.00	1017.71
1	10	1.00	24.00	1103.95
1	15	1.00	29.00	1247.70

104103

DST Test Number: 1

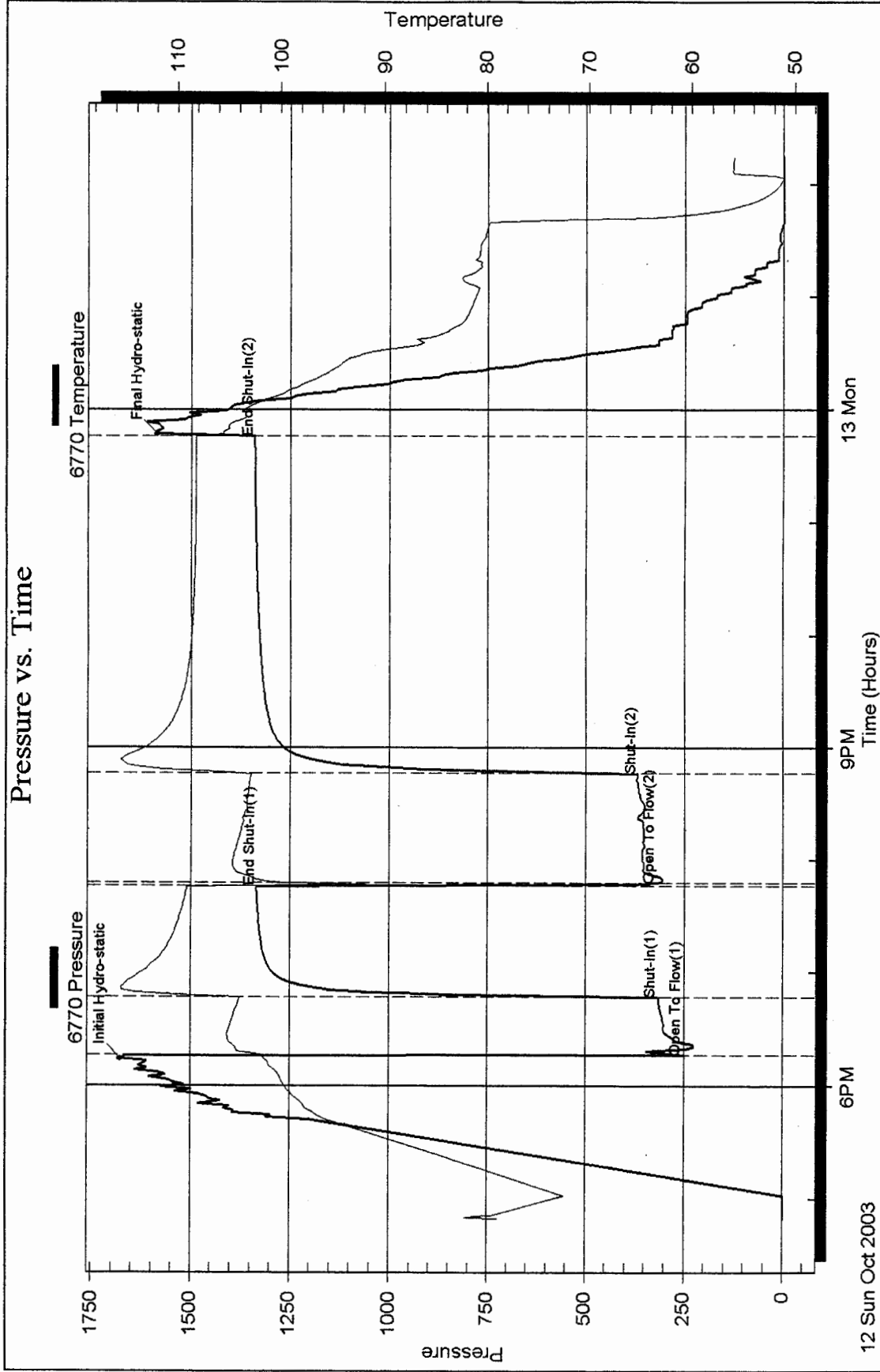
25 32s 11w Barber KS

Woolsey Operating Co.LLC.

Inside

Serial #: 6770

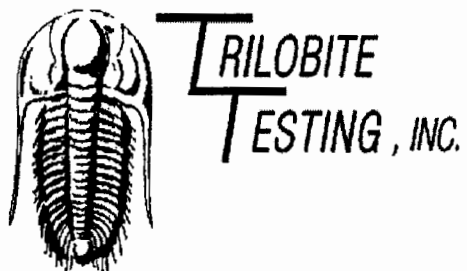
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 17906

Printed: 2003.10.22 @ 15:57:37 Page 6



DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.LLC.**

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

25 32s 11w Barber KS

Bloom Trust #1

Start Date: 2003.10.13 @ 10:09:10

End Date: 2003.10.13 @ 17:25:10

Job Ticket #: 17907 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

Woolsey Operating Co.LLC.

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

Bloom Trust #1**25 32s 11w Barber KS**

Job Ticket: 17907

DST#: 2

Test Start: 2003.10.13 @ 10:09:10

GENERAL INFORMATION:

Formation: **Elgin Sd.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:50:55

Time Test Ended: 17:25:10

Interval: **3504.00 ft (KB) To 3513.00 ft (KB) (TVD)**

Total Depth: 3513.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Reference Elevations: 1514.00 ft (KB)

1505.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6770**Inside**

Press@RunDepth: 530.93 psig @ 3505.00 ft (KB)

Start Date: 2003.10.13

End Date:

2003.10.13

Capacity: 7000.00 psig

Last Calib.: 2003.10.13

Start Time: 10:09:11

End Time:

17:25:10

Time On Btm: 2003.10.13 @ 11:49:55

Time Off Btm: 2003.10.13 @ 15:30:25

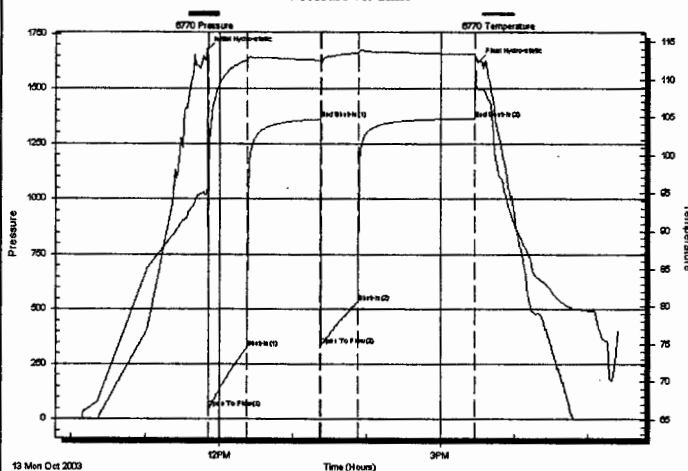
TEST COMMENT: IF: Strong blow . B.O.B. in 190 secs.

IS: No blow .

FF: Strong blow . B.O.B. in 5 mins.

FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1675.71	95.83	Initial Hydro-static
1	47.85	96.96	Open To Flow (1)
32	321.85	112.56	Shut-In (1)
93	1360.21	112.55	End Shut-In (1)
93	336.34	112.14	Open To Flow (2)
123	530.93	113.55	Shut-In (2)
218	1363.60	113.34	End Shut-In (2)
221	1621.95	108.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1040.00	Salt water Rw .065 ohms @ 71 deg.	14.59
30.00	MW 38% m 62% w	0.42

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.LLC.

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

Bloom Trust #1

25 32s 11w Barber KS

Job Ticket: 17907

DST#:2

Test Start: 2003.10.13 @ 10:09:10

Tool Information

Drill Pipe:	Length: 3503.00 ft	Diameter: 3.80 inches	Volume: 49.14 bbl	Tool Weight: 2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
			Total Volume: 49.14 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3504.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	36.00 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			3478.00	
Shut In Tool	5.00			3483.00	
Hydraulic tool	5.00			3488.00	
Jars	5.00			3493.00	
Safety Joint	2.00			3495.00	
Packer	4.00			3499.00	27.00 Bottom Of Top Packer
Packer	5.00			3504.00	
Stubb	1.00			3505.00	
Recorder	0.00	6770	Inside	3505.00	
Perforations	3.00			3508.00	
Recorder	0.00	13222	Outside	3508.00	
Bullnose	5.00			3513.00	9.00 Bottom Packers & Anchor

Total Tool Length: 36.00


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.LLC.

Bloom Trust #1125 N Market #1000
Wichita, KS 67202**25 32s 11w Barber KS**

Job Ticket: 17907

DST#: 2

ATTN: Dean Pattison

Test Start: 2003.10.13 @ 10:09:10

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: 137000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.13 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1040.00	Salt water Rw .065 ohms @ 71 deg.	14.588
30.00	MW 38% m 62% w	0.421

Total Length: 1070.00 ft

Total Volume: 15.009 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

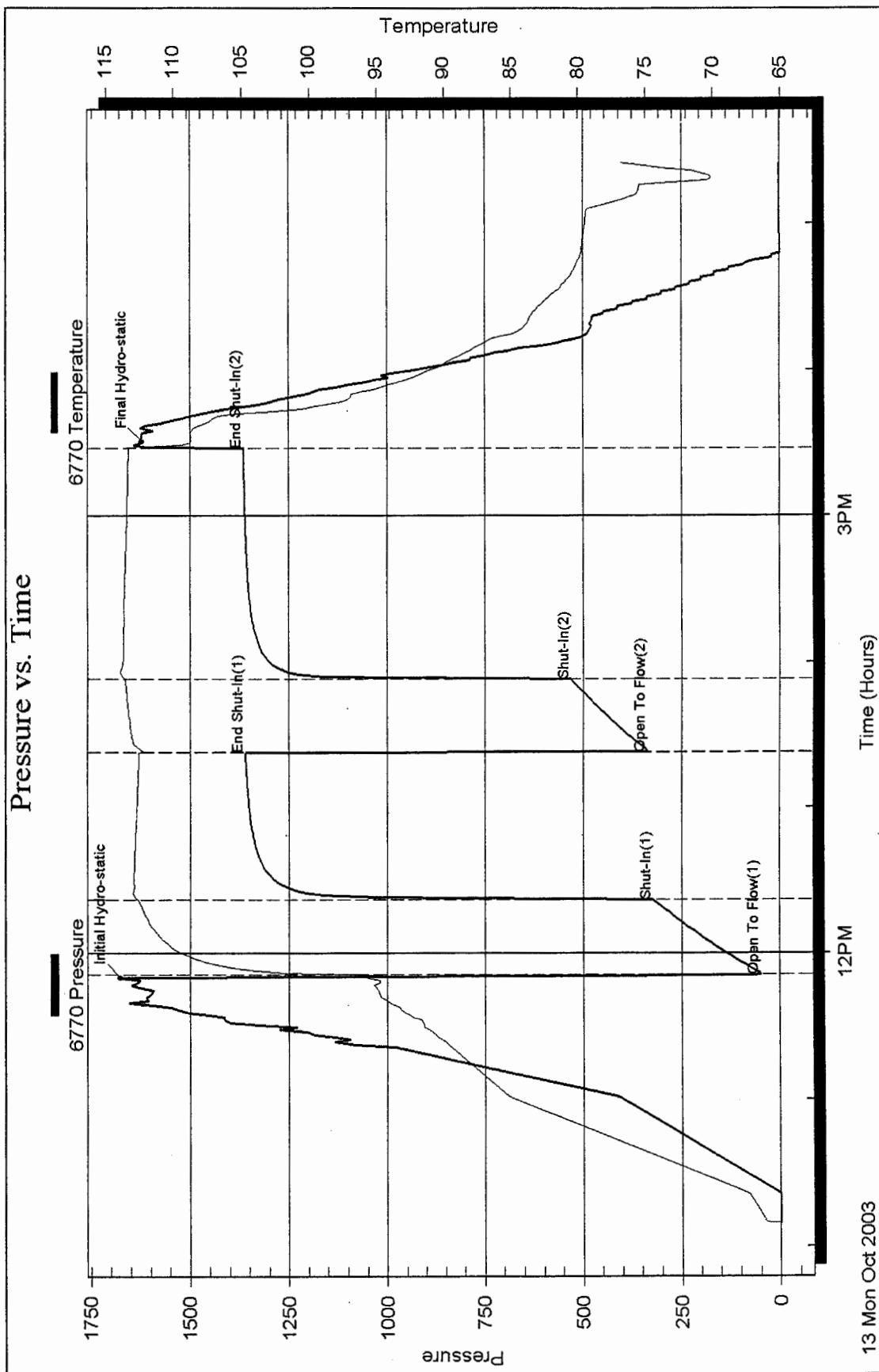
25 32s 11w Barber KS

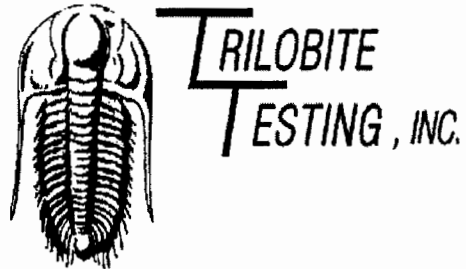
Wodsey Operating Co.LLC.

Inside

Serial #: 6770

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.LLC.**

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

25 32s 11w Barber KS

Bloom Trust #1

Start Date: 2003.10.14 @ 02:20:35

End Date: 2003.10.14 @ 10:37:05

Job Ticket #: 17908 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

Woolsey Operating Co.LLC.

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

Bloom Trust #1
25 32s 11w Barber KS

Job Ticket: 17908

DST#: 3

Test Start: 2003.10.14 @ 02:20:35

GENERAL INFORMATION:

Formation: **Snyderville**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:03:20

Time Test Ended: 10:37:05

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **3577.00 ft (KB) To 3610.00 ft (KB) (TVD)**

Total Depth: 3610.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1514.00 ft (KB)

1505.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6770
Inside

Press@RunDepth: 64.61 psig @ 3578.00 ft (KB)

Start Date: 2003.10.14 End Date: 2003.10.14

Start Time: 02:20:36 End Time: 10:37:05

Capacity: 7000.00 psig

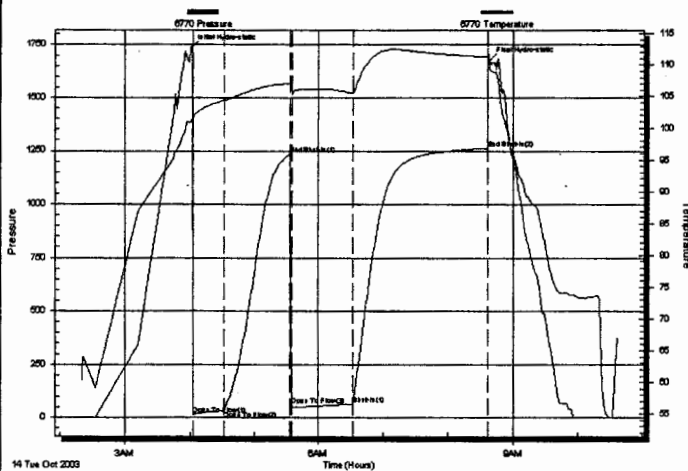
Last Calib.: 2003.10.14

Time On Btm: 2003.10.14 @ 04:01:35

Time Off Btm: 2003.10.14 @ 08:37:50

TEST COMMENT: IF: Strong blow . B.O.B. in 7 mins.
IS: No blow .
FF: Strong blow . B.O.B. immediately. GTS in 12 mins. (see report)
FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.68	101.28	Initial Hydro-static
2	16.13	101.50	Open To Flow (1)
31	33.85	104.39	Open To Flow (2)
92	1235.65	107.04	End Shut-In (1)
94	57.57	105.31	Open To Flow (3)
151	64.61	105.49	Shut-In (1)
275	1263.35	111.24	End Shut-In (2)
277	1675.06	109.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	GOCWM 20%g 18%o 12%w 50% m	1.40
50.00	GOCM 15%g 5%o 80% m	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.50	25.22
Last Gas Rate	0.25	3.00	27.60
Max. Gas Rate	0.25	3.00	27.60



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17908

DST#: 3

ATTN: Dean Pattison

Test Start: 2003.10.14 @ 02:20:35

Tool Information

Drill Pipe:	Length: 3566.00 ft	Diameter: 3.80 inches	Volume: 50.02 bbl	Tool Weight: 2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 50.02 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3577.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	60.00 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			3551.00	
Shut In Tool	5.00			3556.00	
Hydraulic tool	5.00			3561.00	
Jars	5.00			3566.00	
Safety Joint	2.00			3568.00	
Packer	4.00			3572.00	27.00 Bottom Of Top Packer
Packer	5.00			3577.00	
Stubb	1.00			3578.00	
Recorder	0.00	6770	Inside	3578.00	
Perforations	27.00			3605.00	
Recorder	0.00	13222	Outside	3605.00	
Bullnose	5.00			3610.00	33.00 Bottom Packers & Anchor

Total Tool Length: 60.00


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17908

DST#: 3

ATTN: Dean Pattison

Test Start: 2003.10.14 @ 02:20:35

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:

5000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	GOCWM 20%g 18%o 12%w 50%m	1.403
50.00	GOCM 15%g 5%o 80%m	0.701

Total Length: 150.00 ft

Total Volume: 2.104 bbl

Num Fluid Samples: 0

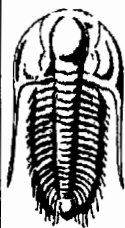
Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Woolsey Operating Co. LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17908

DST#: 3

ATTN: Dean Pattison

Test Start: 2003.10.14 @ 02:20:35

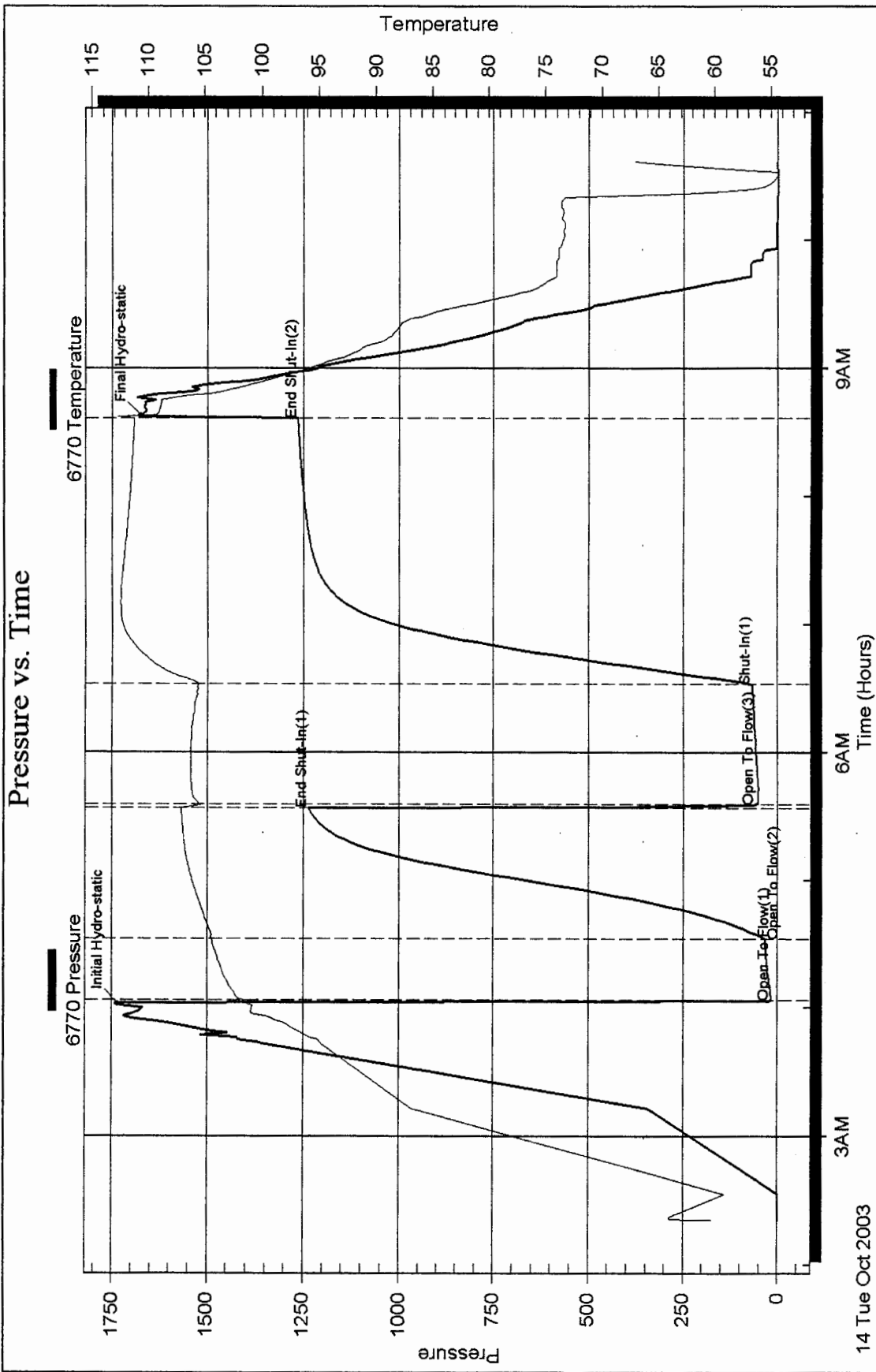
Gas Rates Information

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

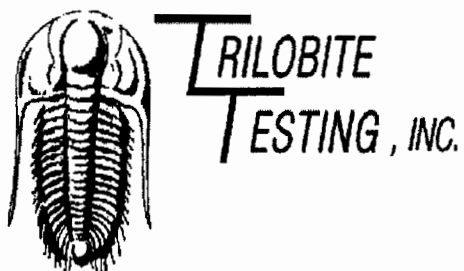
Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	15	0.25	1.50	25.22
2	20	0.25	1.50	25.22
2	30	0.25	1.50	25.22
2	40	0.25	2.00	26.02
2	50	0.25	2.50	26.81
2	60	0.25	3.00	27.60

Pressure vs. Time



104/03



DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.LLC.**

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

25 32s 11w Barber KS

Bloom Trust #1

Start Date: 2003.10.14 @ 20:53:08

End Date: 2003.10.15 @ 03:38:38

Job Ticket #: 17909 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

Woolsey Operating Co.LLC.

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

Bloom Trust #1

25 32s 11w Barber KS

Job Ticket: 17909

DST#: 4

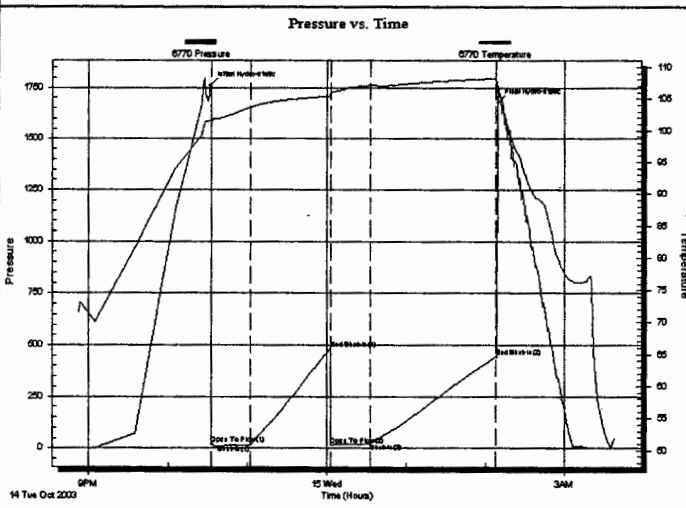
Test Start: 2003.10.14 @ 20:53:08

GENERAL INFORMATION:

Formation: **Douglas**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:32:38
 Time Test Ended: 03:38:38
 Interval: **3621.00 ft (KB) To 3647.00 ft (KB) (TVD)**
 Total Depth: **3647.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Paul Simpson/G.Pevot
 Unit No: 23
 Reference Elevations: **1514.00 ft (KB)**
1505.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 6770 **Inside**
 Press@RunDepth: **22.28 psig @ 3622.00 ft (KB)**
 Start Date: **2003.10.14** End Date: **2003.10.15**
 Start Time: **20:53:09** End Time: **03:38:38**
 Capacity: **7000.00 psig**
 Last Calib.: **2003.10.15**
 Time On Btm: **2003.10.14 @ 22:31:23**
 Time Off Btm: **2003.10.15 @ 02:09:23**

TEST COMMENT: IF:Weak to fair blow . Slow increase to 13".
 IS:No blow .
 FF:Fair to strong blow . B.O.B. in 21 mins.
 FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1761.95	101.55	Initial Hydro-static
2	19.43	101.28	Open To Flow (1)
31	17.30	103.65	Shut-In(1)
91	480.87	105.44	End Shut-In(1)
92	13.75	105.81	Open To Flow (2)
122	22.28	107.12	Shut-In(2)
217	444.24	108.23	End Shut-In(2)
218	1678.31	105.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig.mud	0.42
0.00	90 ft. of gas in pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17909

DST#: 4

ATTN: Dean Pattison

Test Start: 2003.10.14 @ 20:53:08

Tool Information

Drill Pipe:	Length: 3598.00 ft	Diameter: 3.80 inches	Volume: 50.47 bbl	Tool Weight: 2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 50.47 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3621.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	53.00 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			3595.00	
Shut In Tool	5.00			3600.00	
Hydraulic tool	5.00			3605.00	
Jars	5.00			3610.00	
Safety Joint	2.00			3612.00	
Packer	4.00			3616.00	27.00 Bottom Of Top Packer
Packer	5.00			3621.00	
Stubb	1.00			3622.00	
Recorder	0.00	6770	Inside	3622.00	
Perforations	20.00			3642.00	
Recorder	0.00	13222	Outside	3642.00	
Bullnose	5.00			3647.00	26.00 Bottom Packers & Anchor

Total Tool Length: 53.00

104103

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	Woolsey Operating Co.LLC.		Bloom Trust #1
	125 N Market #1000 Wichita, KS 67202		25 32s 11w Barber KS
ATTN: Dean Pattison		Job Ticket: 17909	DST#: 4
		Test Start: 2003.10.14 @ 20:53:08	

Mud and Cushion Information			
Mud Type:	Gel Chem	Cushion Type:	
Mud Weight:	9.00 lb/gal	Cushion Length:	ft
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl
Water Loss:	11.97 in ³	Gas Cushion Type:	
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig
Salinity:	5000.00 ppm		
Filter Cake:	0.20 inches		

Recovery Information		
Recovery Table		
Length ft	Description	Volume bbl
30.00	Drig.mud	0.421
0.00	90 ft. of gas in pipe	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

DST Test Number: 4

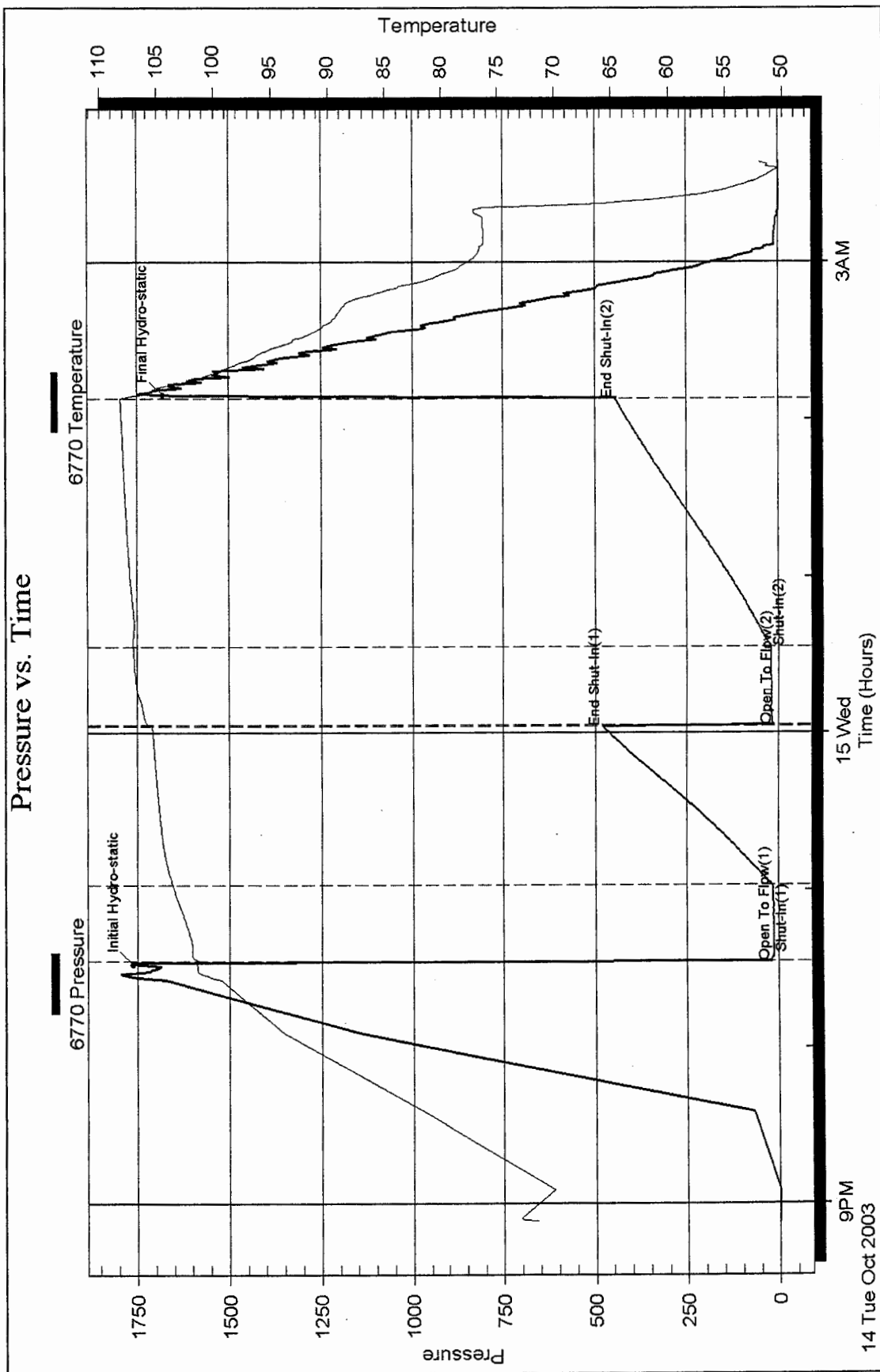
25 32s 11w Barber KS

Woolsey Operating Co.LLC.

Inside

Serial #: 6770

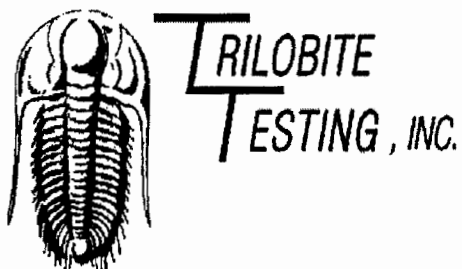
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 17909

Printed: 2003.10.22 @ 15:52:41 Page 5



DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.LLC.**

125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

25 32s 11w Barber KS

Bloom Trust #1

Start Date: 2003.10.17 @ 06:48:39

End Date: 2003.10.17 @ 15:53:39

Job Ticket #: 17910. 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

Woolsey Operating Co.LLC.

 125 N Market #1000
Wichita, KS 67202

ATTN: Dean Pattison

Bloom Trust #1
25 32s 11w Barber KS

Job Ticket: 17910

DST#: 5

Test Start: 2003.10.17 @ 06:48:39

GENERAL INFORMATION:

 Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:10:09

Time Test Ended: 15:53:39

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

 Interval: **4346.00 ft (KB) To 4390.00 ft (KB) (TVD)**

Total Depth: 4390.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1514.00 ft (KB)

1505.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6770
Inside

Press@RunDepth: 34.18 psig @ 4347.00 ft (KB)

Start Date: 2003.10.17

End Date:

2003.10.17

Start Time: 06:48:40

End Time:

15:53:39

Capacity: 7000.00 psig

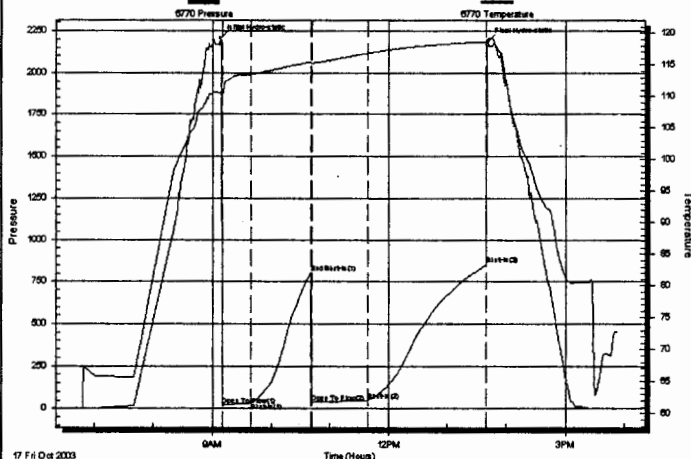
Last Calib.: 2003.10.17

Time On Btm: 2003.10.17 @ 09:08:09

Time Off Btm: 2003.10.17 @ 13:41:39

TEST COMMENT: IF:Fair to strong blow . B.O.B. in 26 mins.
IS:No blow .
FF:Weak to fair blow . Slow increase to 12".
FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.76	110.64	Initial Hydro-static
2	20.76	110.37	Open To Flow (1)
32	34.18	113.50	Shut-In(1)
93	802.49	115.44	End Shut-In(1)
94	37.41	115.15	Open To Flow (2)
152	49.10	116.82	Shut-In(2)
272	852.26	118.63	Shut-In(3)
274	2186.16	119.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
68.00	Heavy mud with show of oil.	0.95
0.00	110 ft. of gas in pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17910

DST#: 5

ATTN: Dean Pattison

Test Start: 2003.10.17 @ 06:48:39

Tool Information

Drill Pipe:	Length: 4323.00 ft	Diameter: 3.80 inches	Volume: 60.64 bbl	Tool Weight: 2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 61000.00 lb
			Total Volume: 60.64 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4346.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	71.00 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			4320.00	
Shut In Tool	5.00			4325.00	
Hydraulic tool	5.00			4330.00	
Jars	5.00			4335.00	
Safety Joint	2.00			4337.00	
Packer	4.00			4341.00	27.00 Bottom Of Top Packer
Packer	5.00			4346.00	
Stubb	1.00			4347.00	
Recorder	0.00	6770	Inside	4347.00	
Perforations	4.00			4351.00	
Change Over Sub	1.00			4352.00	
Blank Spacing	32.00			4384.00	
Change Over Sub	1.00			4385.00	
Recorder	0.00	13222	Outside	4385.00	
Bullnose	5.00			4390.00	44.00 Bottom Packers & Anchor

Total Tool Length: 71.00


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.LLC.

Bloom Trust #1

125 N Market #1000
Wichita, KS 67202

25 32s 11w Barber KS

Job Ticket: 17910

DST#: 5

ATTN: Dean Pattison

Test Start: 2003.10.17 @ 06:48:39

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:

7000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
68.00	Heavy mud with show of oil.	0.954
0.00	110 ft. of gas in pipe	0.000

Total Length: 68.00 ft

Total Volume: 0.954 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 5

25 32s 11w Barber KS

Woolsey Operating Co.LLC.

Inside

Serial #: 6770

Pressure vs. Time

