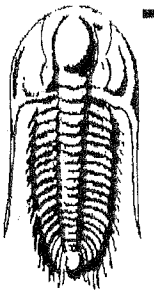
1-31s-8w

ORIGINAL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum,Inc.**

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

1-31S-8W

McIntire#1

Start Date: 2005.04.18 @ 14:48:20
End Date: 2005.04.18 @ 22:48:50
Job Ticket #: 19993 DST #: 1

RECEIVED
MAY 24 2005
KCC WICHITA

15-077-21510-00-00

Sw NW SE
1540 FSL 2310 FEL

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

MTM Petroleum,Inc. McIntire#1 1-31S-8W DST # 1 Mississippian 2005.04.18

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

MTM Petroleum,Inc.

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

McIntire#1

1-31S-8W

Job Ticket: 19993 **DST#: 1**

Test Start: 2005.04.18 @ 14:48:20

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:31:50
Time Test Ended: 22:48:50

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 30

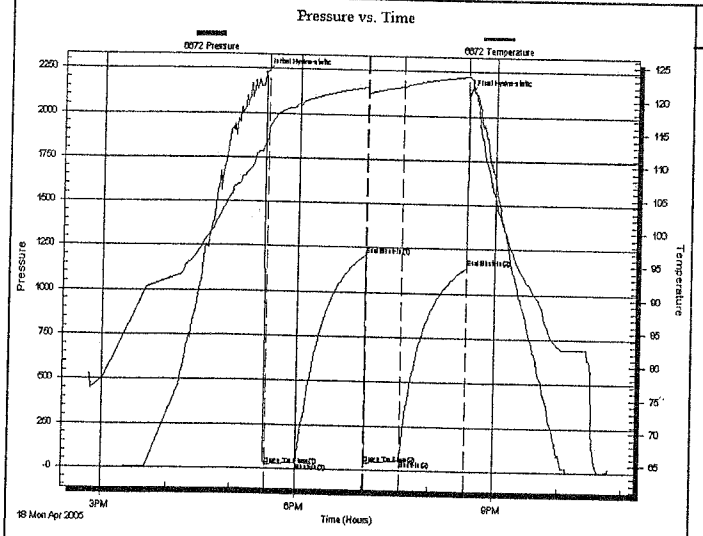
Interval: 4420.00 ft (KB) To 4436.00 ft (KB) (TVD)
Total Depth: 4436.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1659.00 ft (KB)
1651.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: 56.53 psig @ 4422.00 ft (KB)
Start Date: 2005.04.18 End Date: 2005.04.18
Start Time: 14:48:21 End Time: 22:48:50

Capacity: 7000.00 psig
Last Calib.: 2005.04.18
Time On Btm: 2005.04.18 @ 17:28:35
Time Off Btm: 2005.04.18 @ 20:34:35

TEST COMMENT: IF:Strong blow b.o.b in 15 sec.
ISI:Bled down for 5 mins.no blow back.
FF:Strong blow b.o.b in 10 sec.GTS in 14 mins.Gauge gas.
FSI:Bled down for 5 mins.weak surface blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.97	112.76	Initial Hydro-static
4	20.77	115.15	Open To Flow (1)
31	34.98	119.04	Shut-In(1)
93	1208.33	121.68	End Shut-In(1)
94	36.70	120.83	Open To Flow (2)
126	56.53	121.83	Shut-In(2)
186	1147.65	123.53	End Shut-In(2)
186	2124.03	123.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4304'of gip	0.00
95.00	GO&MCW	1.33

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	0.50	5.58
Last Gas Rate		0.00	
Max. Gas Rate	0.13	1.50	5.95

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum,Inc.

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

McIntire#1

1-31S-8W

Job Ticket: 19993 **DST#: 1**

Test Start: 2005.04.18 @ 14:48:20

Tool Information

Drill Pipe:	Length:	4399.95 ft	Diameter:	3.80 inches	Volume:	61.72 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	61.72 bbl	

Drill Pipe Above KB:	3.95 ft
Depth to Top Packer:	4420.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	16.00 ft
Tool Length:	40.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	70000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	62000.00 lb
Final	62000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4397.00		
Shut In Tool	5.00			4402.00		
Hydraulic tool	5.00			4407.00		
Safety Joint	3.00			4410.00		
Packer	5.00			4415.00	24.00	Bottom Of Top Packer
Packer	5.00			4420.00		
Stubb	2.00			4422.00		
Recorder	0.00	6672	Inside	4422.00		
Perforations	11.00			4433.00		
Recorder	0.00	13266	Outside	4433.00		
Bullnose	3.00			4436.00	16.00	Bottom Packers & Anchor
Total Tool Length:	**40.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum,Inc.

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

McIntire#1

1-31S-8W

Job Ticket: 19993 **DST#: 1**

Test Start: 2005.04.18 @ 14:48:20

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:	110000 ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	1.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	0.32 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4304'of gip	0.000
95.00	GO&MCW	1.333

Total Length: 95.00 ft Total Volume: 1.333 bbl

Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: .07@68'dgrees-110000

MTM Petroleum,Inc.

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

McIntire#1

1-31S-8W

Job Ticket: 19993 DST#: 1

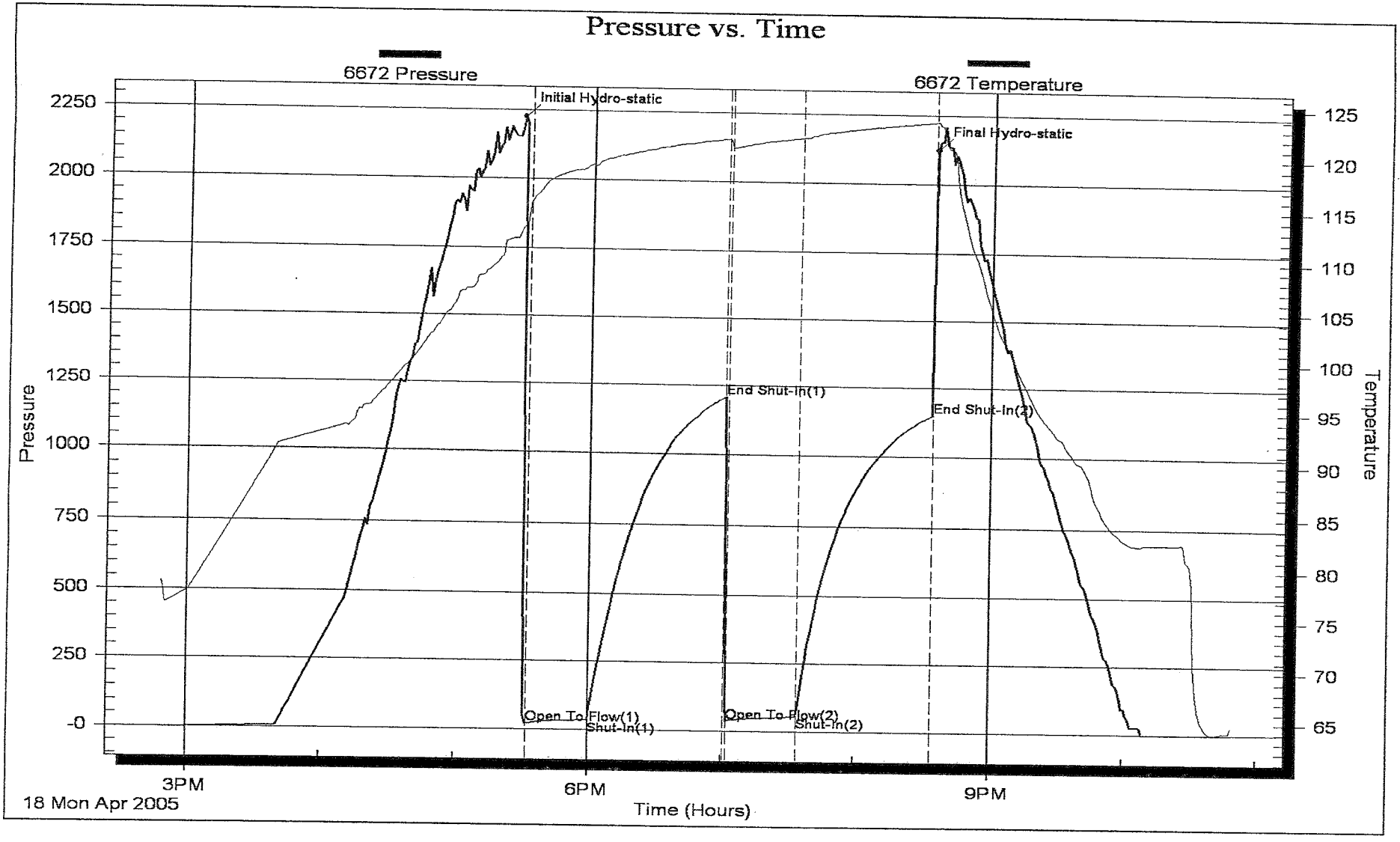
Test Start: 2005.04.18 @ 14:48:20

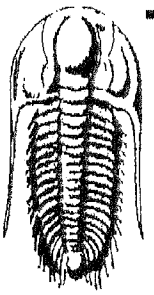
Gas Rates Information

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)
2	19	0.13	0.50	5.58
2	24	0.13	1.00	5.76
2	29	0.13	1.50	5.95
0	0	-999999.00	0.00	-999999.00


Pressure vs. Time
6672 Pressure
6672 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
2250
2000
1750
1500
1250
1000
750
500
250
-0
125
120
115
110
105
100
95
90
85
80
75
70
65
3PM
6PM
9PM
18 Mon Apr 2005
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum,Inc.**

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

1-31S-8W

McIntire#1

Start Date: 2005.04.19 @ 22:29:37

End Date: 2005.04.20 @ 06:44:37

Job Ticket #: 19994 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

MTM Petroleum,Inc.

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

McIntire#1

1-31S-8W

Job Ticket: 19994 **DST#: 2**

Test Start: 2005.04.19 @ 22:29:37

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:28:37
Time Test Ended: 06:44:37

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 30

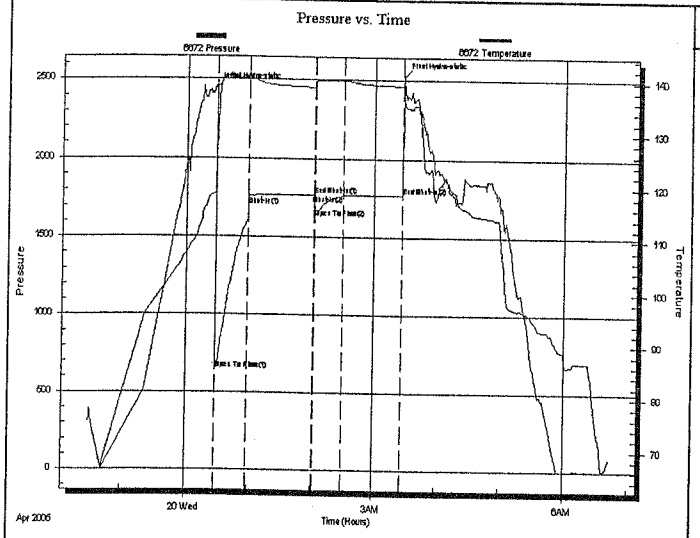
Interval: 4798.00 ft (KB) To 4808.00 ft (KB) (TVD)
Total Depth: 4808.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1659.00 ft (KB)
1651.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: 1768.49 psig @ 4800.00 ft (KB)
Start Date: 2005.04.19 End Date: 2005.04.20
Start Time: 22:29:38 End Time: 06:44:37

Capacity: 7000.00 psig
Last Calib.: 2005.04.20
Time On Btm: 2005.04.20 @ 00:27:37
Time Off Btm: 2005.04.20 @ 03:28:07

TEST COMMENT: IF:Strong blow b.o.b in 30 sec.
ISI:Bled down for 5 mins.built back to b.o.b in 5 mins.
FF:Strong blow b.o.b in 10 sec.
FSI:Bled down for 5 mins.no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2444.62	118.82	Initial Hydro-static
1	644.13	126.72	Open To Flow (1)
31	1695.20	140.35	Shut-In(1)
93	1768.71	138.79	End Shut-In(1)
94	1628.21	139.13	Open To Flow (2)
123	1768.49	140.11	Shut-In(2)
180	1768.80	139.17	End Shut-In(2)
181	2522.85	136.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3820.00	Salt water	53.58

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum,Inc.

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

McIntire#1

1-31S-8W

Job Ticket: 19994 **DST#: 2**

Test Start: 2005.04.19 @ 22:29:37

Tool Information

Drill Pipe:	Length:	4806.00 ft	Diameter:	3.80 inches	Volume:	67.42 bbl
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl
					Total Volume:	67.42 bbl

Drill Pipe Above KB:	32.00 ft
Depth to Top Packer:	4798.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	10.00 ft
Tool Length:	34.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	80000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	66000.00 lb
Final	78000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4775.00		
Shut In Tool	5.00			4780.00		
Hydraulic tool	5.00			4785.00		
Safety Joint	3.00			4788.00		
Packer	5.00			4793.00	24.00	Bottom Of Top Packer
Packer	5.00			4798.00		
Stubb	2.00			4800.00		
Recorder	0.00	6672	Inside	4800.00		
Anchor	5.00			4805.00		
Recorder	0.00	13266	Outside	4805.00		
Bullnose	3.00			4808.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**34.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum,Inc.

PO Box 82
Spivey,Kansas.67142

ATTN: Jerry A.Smith

McIntire#1

1-31S-8W

Job Ticket: 19994 **DST#: 2**

Test Start: 2005.04.19 @ 22:29:37

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:	125000 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	13.98 in³	Gas Cushion Type:			
Resistivity:	0.60 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	0.32 inches				

Recovery Information

Recovery Table

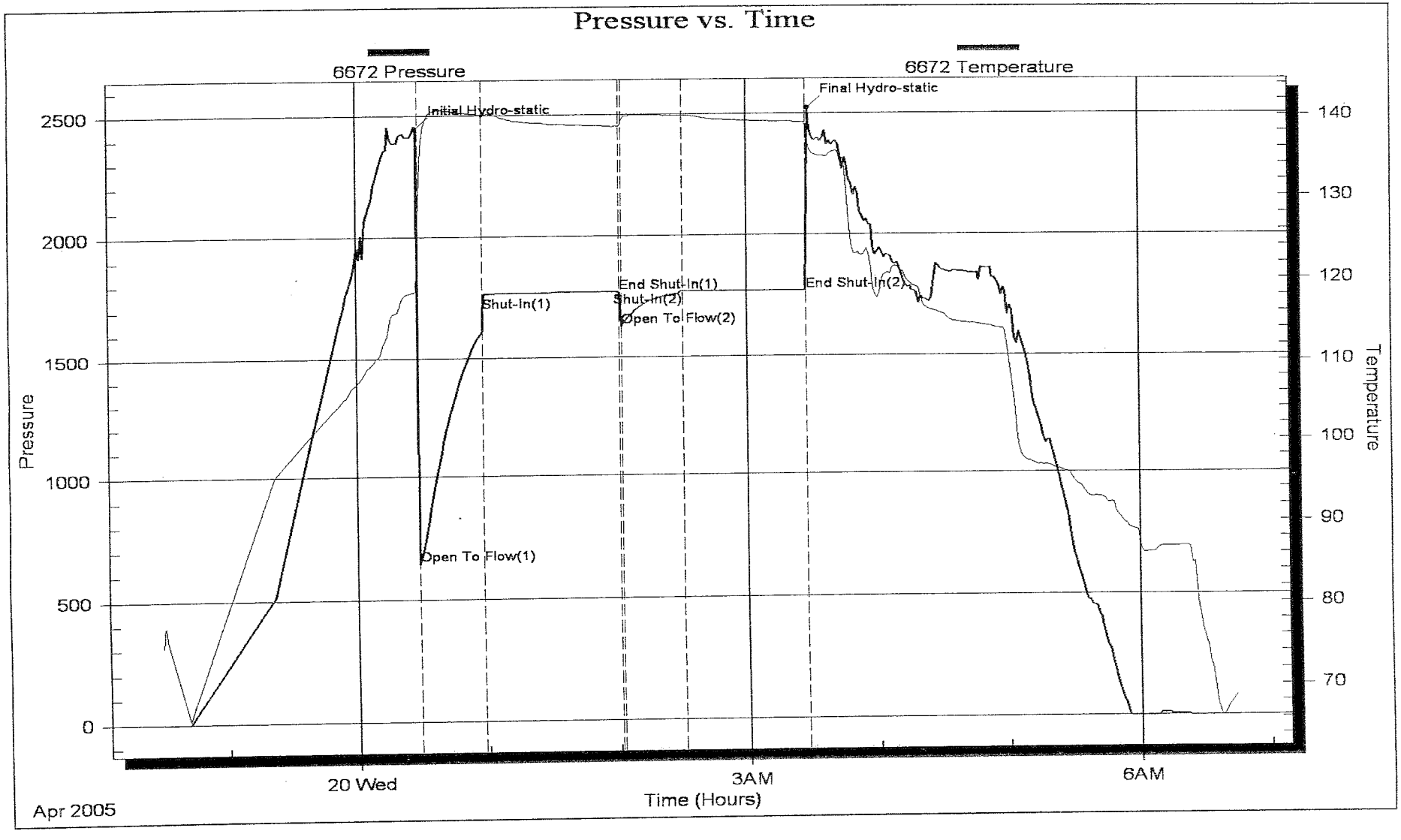
Length ft	Description	Volume bbl
3820.00	Salt w ater	53.585

Total Length: 3820.00 ft Total Volume: 53.585 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .036@75'degrees=125000


Pressure vs. Time
6672 Pressure
6672 Temperature
Initial Hydro-static
Final Hydro-static
Shut-In(1)
End Shut-In(1)
Shut-In(2)
Open To Flow(2)
End Shut-In(2)
Open To Flow(1)
2500
2000
1500
1000
500
0
Pressure
140
130
120
110
100
90
80
70
Temperature
20 Wed
3AM
6AM
Time (Hours)
Apr 2005