15-195-22360

TRILOBITE TESTING, INC.

KCC
JUN 06 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

13 14 22WTrego KS

Miller-Lecuyer #1-13

Start Date: 2006.04.30 @ 23:33:18
End Date: 2006.05.01 @ 05:30:03
Job Ticket #: 23964 DST #: 1

RECEIVED
JUN 07 2006
KCC WICHITA

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

Pintail Petroleum LTD
Miller-Lecuyer #1-13
13 14 22WTrego KS
DST # 1
Cherokee Sand
2006.04.30

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Miller-Lecuyer #1-13

13 14 22WTrego KS

Job Ticket: 23964 **DST#: 1**

Test Start: 2006.04.30 @ 23:33:18

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:38:03
Time Test Ended: 05:30:03

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 4028.00 ft (KB) To 4071.00 ft (KB) (TVD)
Total Depth: 4071.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

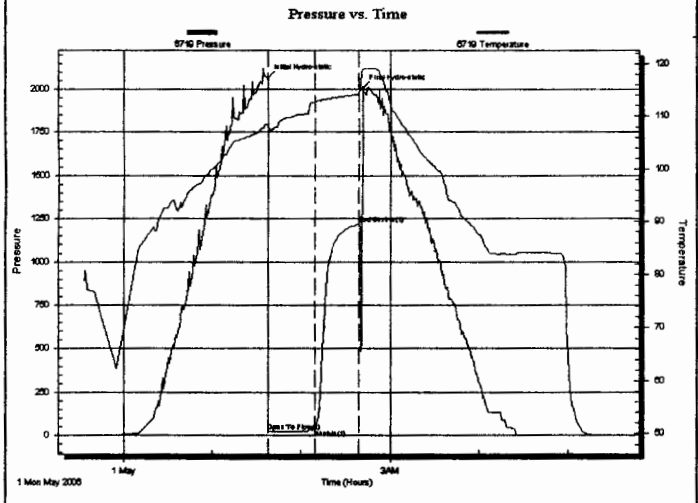
Reference Elevations: 2227.00 ft (KB)
2221.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6719 **Inside**

Press@RunDepth: 33.91 psig @ 4032.00 ft (KB)
Start Date: 2006.04.30 End Date: 2006.05.01
Start Time: 23:33:20 End Time: 05:30:03

Capacity: 7000.00 psig
Last Calib.: 2006.05.01
Time On Btm: 2006.05.01 @ 01:37:48
Time Off Btm: 2006.05.01 @ 02:41:33

TEST COMMENT: IFP Good Blow Built to 6-1/2"
ISI Dead
FFP Packer Failure Pull Tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2065.54	108.55	Initial Hydro-static
1	21.56	107.80	Open To Flow (1)
32	33.91	112.79	Shut-In(1)
62	1218.47	114.08	End Shut-In(1)
64	2005.75	118.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	HOCM 30%O 70%M	0.14
60.00	SOCM 10%O 90%M	0.84
180.00	Mud w/Oil Show <1% O 99%M	2.52

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Miller-Lecuyer #1-13

13 14 22WTrego KS

Job Ticket: 23964 **DST#: 1**

Test Start: 2006.04.30 @ 23:33:18

Tool Information

Drill Pipe:	Length:	4009.00 ft	Diameter:	3.80 inches	Volume:	56.24 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	68000.00 lb
					Total Volume:	56.24 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		9.00 ft					String Weight: Initial	65000.00 lb
Depth to Top Packer:		4028.00 ft					Final	68000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		43.00 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			4001.00		
Shut In Tool	5.00			4006.00		
Hydraulic tool	5.00			4011.00		
Jars	5.00			4016.00		
Safety Joint	2.00			4018.00		
Packer	5.00			4023.00	28.00	Bottom Of Top Packer
Packer	5.00			4028.00		
Stubb	1.00			4029.00		
Perforations	2.00			4031.00		
Change Over Sub	1.00			4032.00		
Recorder	0.00	6719	Inside	4032.00		
Blank Spacing	30.00			4062.00		
Change Over Sub	1.00			4063.00		
Perforations	5.00			4068.00		
Recorder	0.00	13221	Outside	4068.00		
Bullnose	3.00			4071.00	43.00	Bottom Packers & Anchor
Total Tool Length:	**71.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Miller-Lecuyer #1-13

13 14 22WTrego KS

Job Ticket: 23964 **DST#: 1**

Test Start: 2006.04.30 @ 23:33:18

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2400.00 ppm				
Filter Cake:	inches				

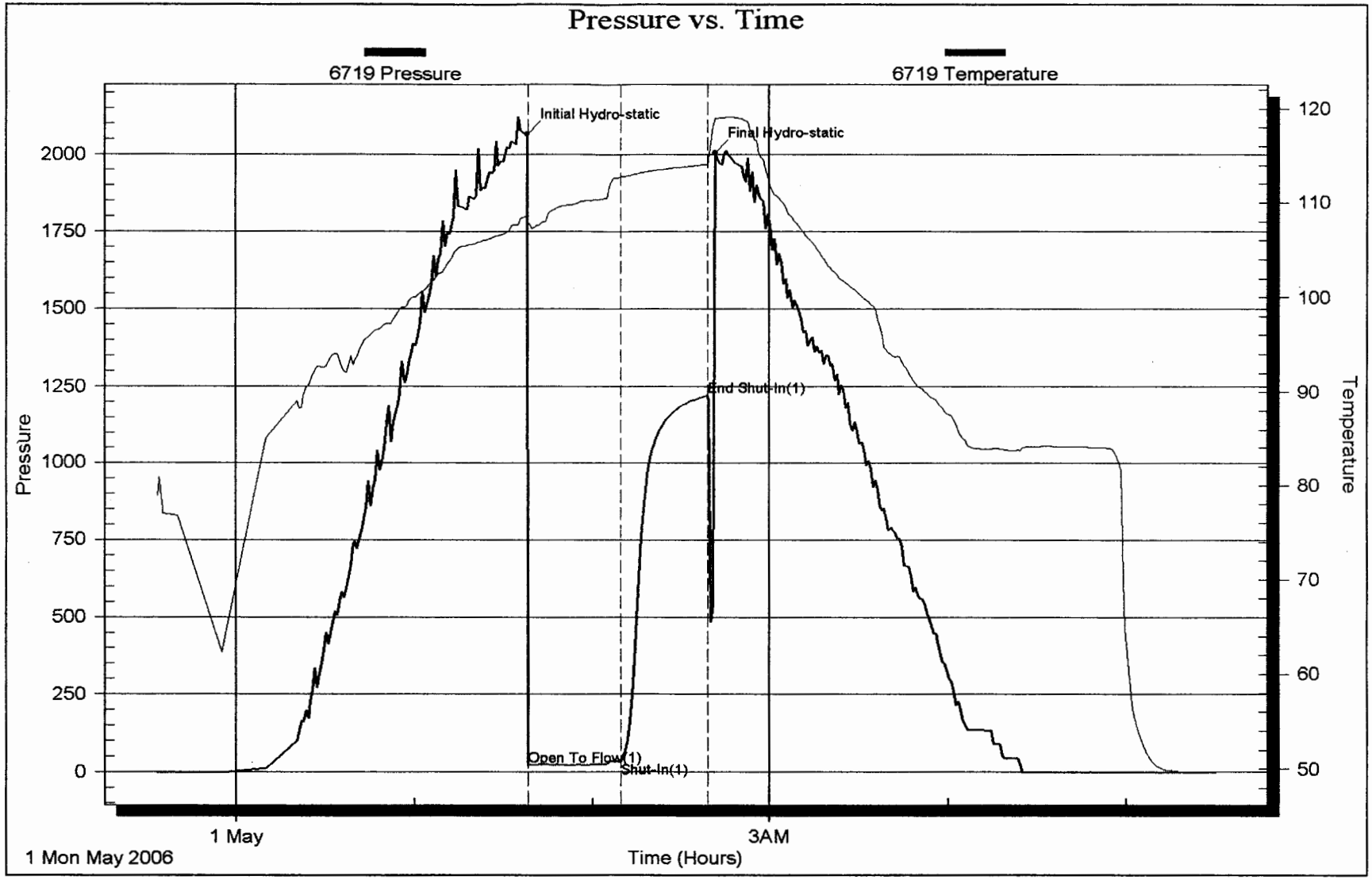
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	HOCM 30%O 70%M	0.140
60.00	SOCM 10%O 90%M	0.842
180.00	Mud w/Oil Show <1% O 99%M	2.525

Total Length: 250.00 ft Total Volume: 3.507 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6719 Pressure
6719 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
1 May
3AM
1 Mon May 2006
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

13 14 22WTrego KS

Miller-Lecuyer #1-13

Start Date: 2006.05.01 @ 11:16:32

End Date: 2006.05.01 @ 19:21:02

Job Ticket #: 23965 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.

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Miller-Lecuyer #1-13

13 14 22WTrego KS

Job Ticket: 23965 **DST#: 2**

Test Start: 2006.05.01 @ 11:16:32

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:26:47
Time Test Ended: 19:21:02

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 4001.00 ft (KB) To 4082.00 ft (KB) (TVD)
Total Depth: 4082.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

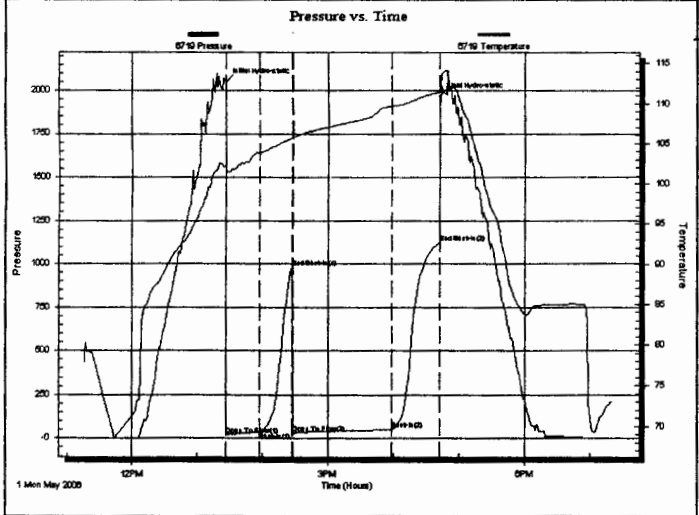
Reference Elevations: 2227.00 ft (KB)
2221.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6719 **Inside**

Press@RunDepth: 50.18 psig @ 4005.00 ft (KB)
Start Date: 2006.05.01 End Date: 2006.05.01
Start Time: 11:16:34 End Time: 19:21:02

Capacity: 7000.00 psig
Last Calib.: 2006.05.01
Time On Btm: 2006.05.01 @ 13:26:32
Time Off Btm: 2006.05.01 @ 16:42:17

TEST COMMENT: IFP Weak Blow Built to 3 in
ISI Dead
FFP Fair Blow BOB in 62"
FSI Weak Surf Blow back for 5"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2049.17	102.26	Initial Hydro-static
1	21.02	101.63	Open To Flow (1)
31	35.49	103.84	Shut-In(1)
61	980.32	105.68	End Shut-In(1)
61	28.21	105.63	Open To Flow (2)
152	50.18	109.62	Shut-In(2)
196	1123.39	111.38	End Shut-In(2)
196	1965.14	111.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Clean Oil	0.04
87.00	MCO 50%O 50%M	1.22

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Miller-Lecuyer #1-13

13 14 22WTrego KS

Job Ticket: 23965 **DST#: 2**

Test Start: 2006.05.01 @ 11:16:32

Tool Information

Drill Pipe:	Length:	4007.00 ft	Diameter:	3.80 inches	Volume:	56.21 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	72000.00 lb
					Total Volume:	56.21 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		34.00 ft					String Weight: Initial	69000.00 lb
Depth to Top Packer:		4001.00 ft					Final	70000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		81.00 ft						
Tool Length:		109.00 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			3974.00		
Shut In Tool	5.00			3979.00		
Hydraulic tool	5.00			3984.00		
Jars	5.00			3989.00		
Safety Joint	2.00			3991.00		
Packer	5.00			3996.00	28.00	Bottom Of Top Packer
Packer	5.00			4001.00		
Stubb	1.00			4002.00		
Perforations	2.00			4004.00		
Change Over Sub	1.00			4005.00		
Recorder	0.00	6719	Inside	4005.00		
Blank Spacing	62.00			4067.00		
Change Over Sub	1.00			4068.00		
Perforations	11.00			4079.00		
Recorder	0.00	13221	Outside	4079.00		
Bullnose	3.00			4082.00	81.00	Bottom Packers & Anchor
Total Tool Length:	**109.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Miller-Lecuyer #1-13

13 14 22WTrego KS

Job Ticket: 23965 **DST#: 2**

Test Start: 2006.05.01 @ 11:16:32

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	38 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2400.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

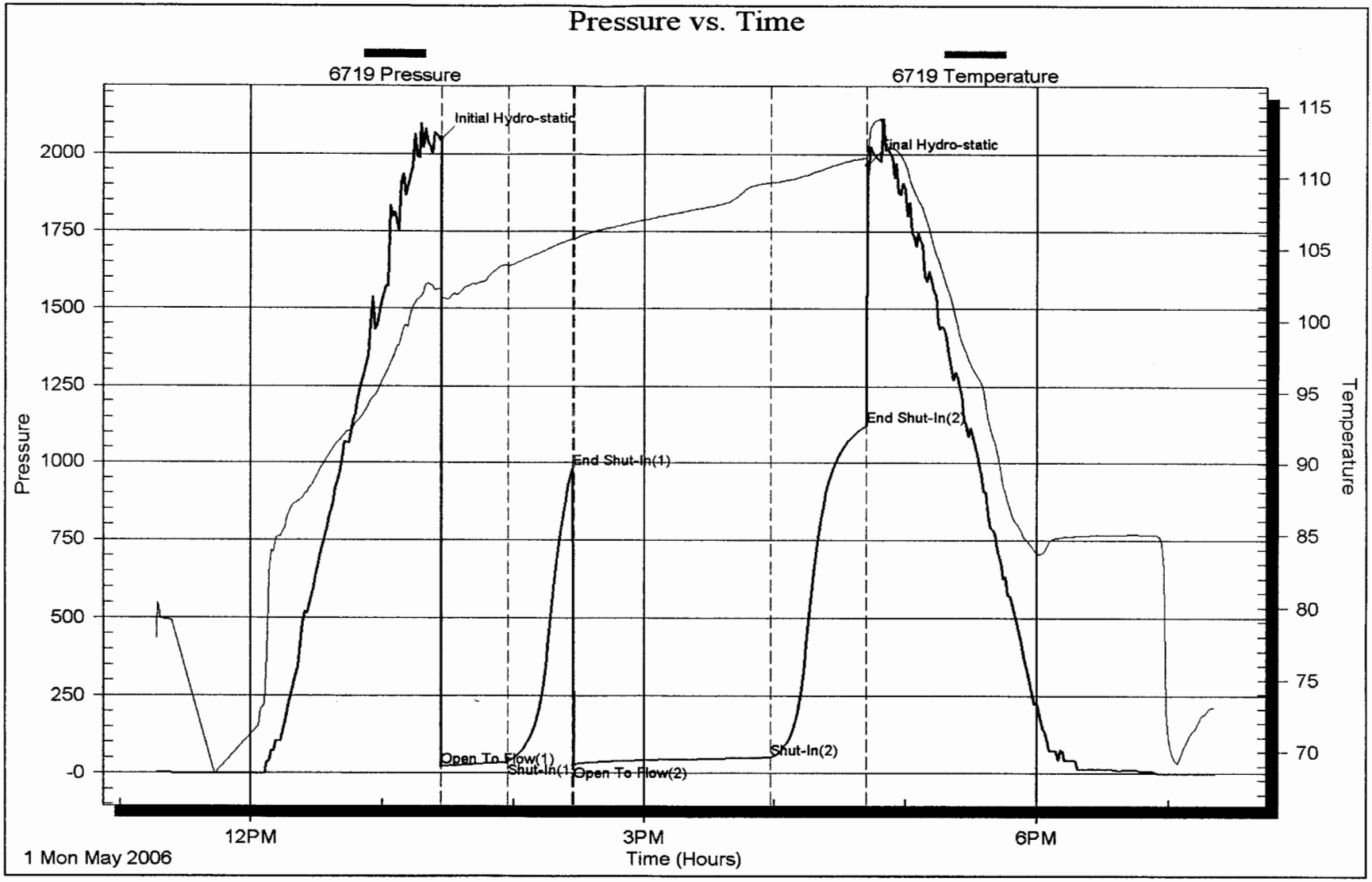
Length ft	Description	Volume bbl
3.00	Clean Oil	0.042
87.00	MCO 50%O 50%M	1.220

Total Length: 90.00 ft Total Volume: 1.262 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6719 Pressure
6719 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
2000
1750
1500
1250
1000
750
500
250
-0
115
110
105
100
95
90
85
80
75
70
12PM
3PM
6PM
1 Mon May 2006
Time (Hours)