

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil & Leasing Inc**

PO Box 871
Russell KS 67665

15-167-23492

ATTN: Gary Brungardt

24 11 14W Russell KS

Newacheck #1

Start Date: 2008.03.25 @ 20:15:10
End Date: 2008.03.26 @ 01:54:34
Job Ticket #: 30458 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Brungardt Oil & Leasing Inc

PO Box 871
Russell KS 67665

ATTN: Gary Brungardt

Newacheck #1

24 11 14W Russell KS

Job Ticket: 30458 **DST#: 1**

Test Start: 2008.03.25 @ 20:15:10

GENERAL INFORMATION:

Formation: **LKC "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:19:05
Time Test Ended: 01:54:34

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 2958.00 ft (KB) To 3000.00 ft (KB) (TVD)
Total Depth: 3000.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

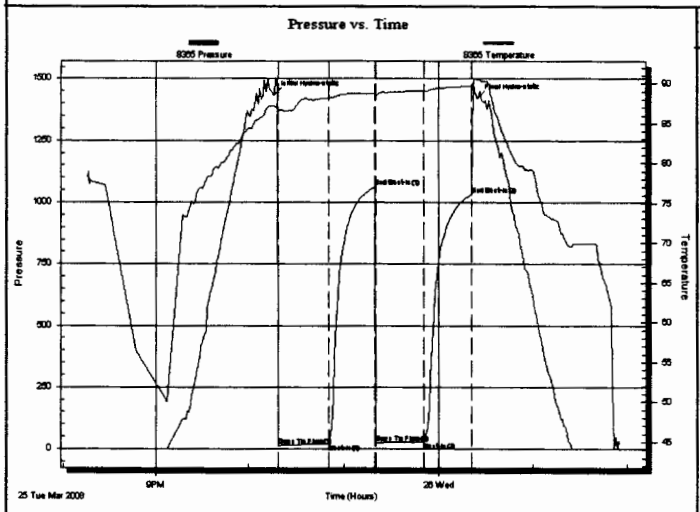
Reference Elevations: 1733.00 ft (KB)
1728.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: 27.82 psig @ 2965.01 ft (KB)
Start Date: 2008.03.25 End Date: 2008.03.26
Start Time: 20:15:10 End Time: 01:54:34

Capacity: 7000.00 psig
Last Calib.: 2008.03.26
Time On Btm: 2008.03.25 @ 22:16:35
Time Off Btm: 2008.03.26 @ 00:24:35

TEST COMMENT: IFP Wk bl thru-out surface to 1/4 " bl
FFP Wk bl thru-out surface bl
Times 30 30 30 30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1434.27	87.09	Initial Hydro-static
3	12.42	86.24	Open To Flow (1)
34	19.91	88.15	Shut-In(1)
63	1060.77	88.73	End Shut-In(1)
64	23.60	88.35	Open To Flow (2)
94	27.82	89.09	Shut-In(2)
124	1032.67	89.70	End Shut-In(2)
128	1422.54	90.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	M	0.21

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil & Leasing Inc

PO Box 871
Russell KS 67665

ATTN: Gary Brungardt

Newacheck #1

24 11 14W Russell KS

Job Ticket: 30458 **DST#: 1**

Test Start: 2008.03.25 @ 20:15:10

Tool Information

Drill Pipe:	Length:	2606.00 ft	Diameter:	3.80 inches	Volume:	36.56 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	360.00 ft	Diameter:	2.70 inches	Volume:	2.55 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	55000.00 lb
					Total Volume:	39.11 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		29.00 ft					String Weight: Initial	44000.00 lb
Depth to Top Packer:		2958.00 ft					Final	44000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		42.02 ft						
Tool Length:		63.02 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			2938.00		
Shut In Tool	5.00			2943.00		
Hydraulic tool	5.00			2948.00		
Packer	5.00			2953.00	21.00	Bottom Of Top Packer
Packer	5.00			2958.00		
Stubb	1.00			2959.00		
Perforations	6.00			2965.00		
Recorder	0.01	8365	Inside	2965.01		
Recorder	0.01	8371	Outside	2965.02		
Blank Spacing	32.00			2997.02		
Bullnose	3.00			3000.02	42.02	Bottom Packers & Anchor
Total Tool Length:	**63.02**					

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DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil & Leasing Inc

PO Box 871
Russell KS 67665

ATTN: Gary Brungardt

Newacheck #1

24 11 14W Russell KS

Job Ticket: 30458 **DST#: 1**

Test Start: 2008.03.25 @ 20:15:10

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:	ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.00 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4600.00 ppm				
Filter Cake:	2.00 inches				

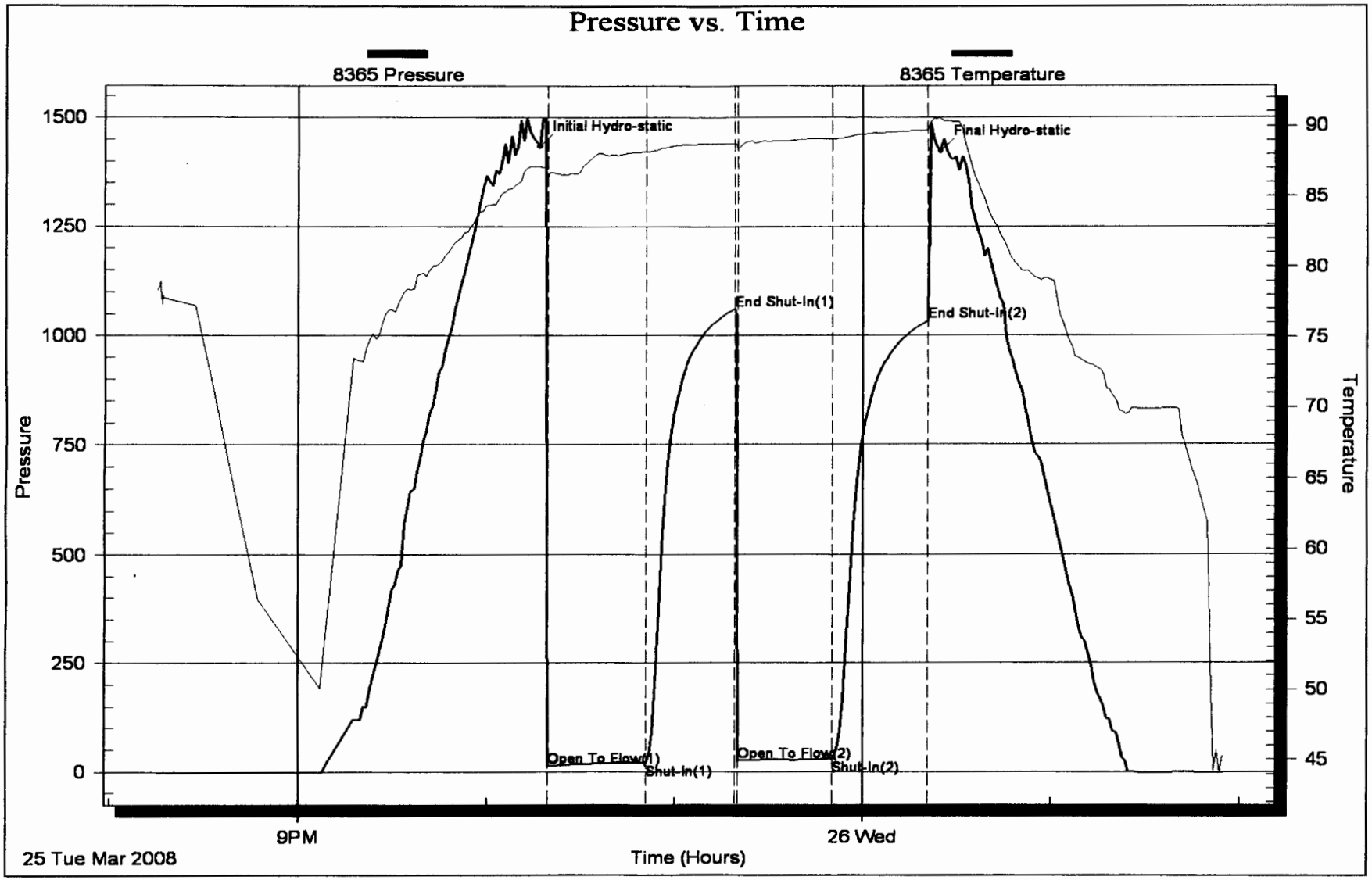
Recovery Information

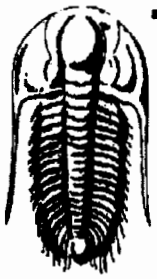
Recovery Table

Length ft	Description	Volume bbl
30.00	M	0.212

Total Length: 30.00 ft Total Volume: 0.212 bbl

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


Pressure vs. Time
8365 Pressure
8365 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
1500
1250
1000
750
500
250
0
90
85
80
75
70
65
60
55
50
45
9PM
26 Wed
25 Tue Mar 2008
Time (Hours)



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Prepared For: **Brungardt Oil & Leasing Inc**

PO Box 871
Russell KS 67665

ATTN: Gary Brungardt

24 11 14W Russell KS

Newacheck #1

Start Date: 2008.03.26 @ 10:54:11
End Date: 2008.03.26 @ 16:56:05
Job Ticket #: 30459 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Brungardt Oil & Leasing Inc

PO Box 871
Russell KS 67665

ATTN: Gary Brungardt

Newacheck #1

24 11 14W Russell KS

Job Ticket: 30459 **DST#: 2**

Test Start: 2008.03.26 @ 10:54:11

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:28:06
Time Test Ended: 16:56:05

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 3020.00 ft (KB) To 3040.00 ft (KB) (TVD)
Total Depth: 3040.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

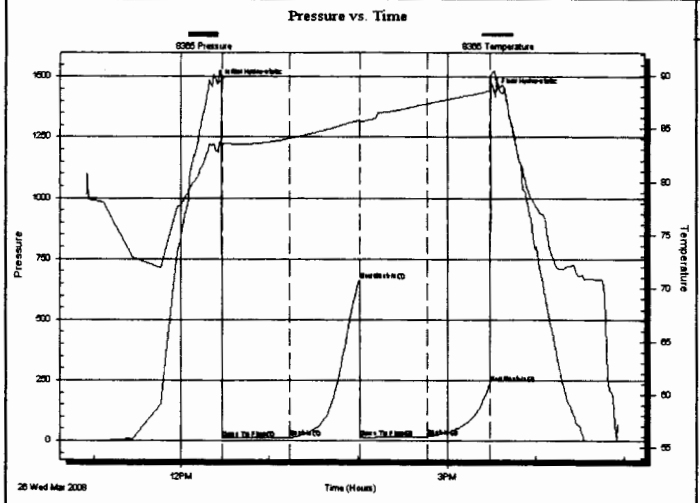
Reference Elevations: 1733.00 ft (KB)
1728.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: 17.11 psig @ 3022.01 ft (KB)
Start Date: 2008.03.26 End Date: 2008.03.26
Start Time: 10:54:11 End Time: 16:56:05

Capacity: 7000.00 psig
Last Calib.: 2008.03.26
Time On Btm: 2008.03.26 @ 12:25:36
Time Off Btm: 2008.03.26 @ 15:32:05

TEST COMMENT: IFP Surface bl died in 25 min
FFP No bl flushed tool
Times 45 45 45 45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1472.08	82.82	Initial Hydro-static
3	9.94	83.32	Open To Flow (1)
48	12.89	84.03	Shut-In(1)
96	661.61	85.80	End Shut-In(1)
96	13.98	85.61	Open To Flow (2)
141	17.11	87.34	Shut-In(2)
183	238.54	88.57	End Shut-In(2)
187	1439.73	90.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 2%O 98%M	0.04

Gas Rates

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

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TOOL DIAGRAM

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PO Box 871
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Newacheck #1

24 11 14W Russell KS

Job Ticket: 30459 **DST#: 2**

Test Start: 2008.03.26 @ 10:54:11

Tool Information

Drill Pipe:	Length:	2669.00 ft	Diameter:	3.80 inches	Volume:	37.44 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	360.00 ft	Diameter:	2.70 inches	Volume:	2.55 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	55000.00 lb
					Total Volume:	39.99 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight: Initial	45000.00 lb
Depth to Top Packer:		3020.00 ft					Final	45000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		20.02 ft						
Tool Length:		41.02 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			3000.00		
Shut In Tool	5.00			3005.00		
Hydraulic tool	5.00			3010.00		
Packer	5.00			3015.00	21.00	Bottom Of Top Packer
Packer	5.00			3020.00		
Stubb	1.00			3021.00		
Perforations	1.00			3022.00		
Recorder	0.01	8365	Inside	3022.01		
Recorder	0.01	8371	Outside	3022.02		
Blank Spacing	15.00			3037.02		
Bullnose	3.00			3040.02	20.02	Bottom Packers & Anchor
Total Tool Length:	**41.02**					

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FLUID SUMMARY

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Newacheck #1

24 11 14W Russell KS

Job Ticket: 30459 **DST#: 2**

Test Start: 2008.03.26 @ 10:54:11

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:	8.80 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5800.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

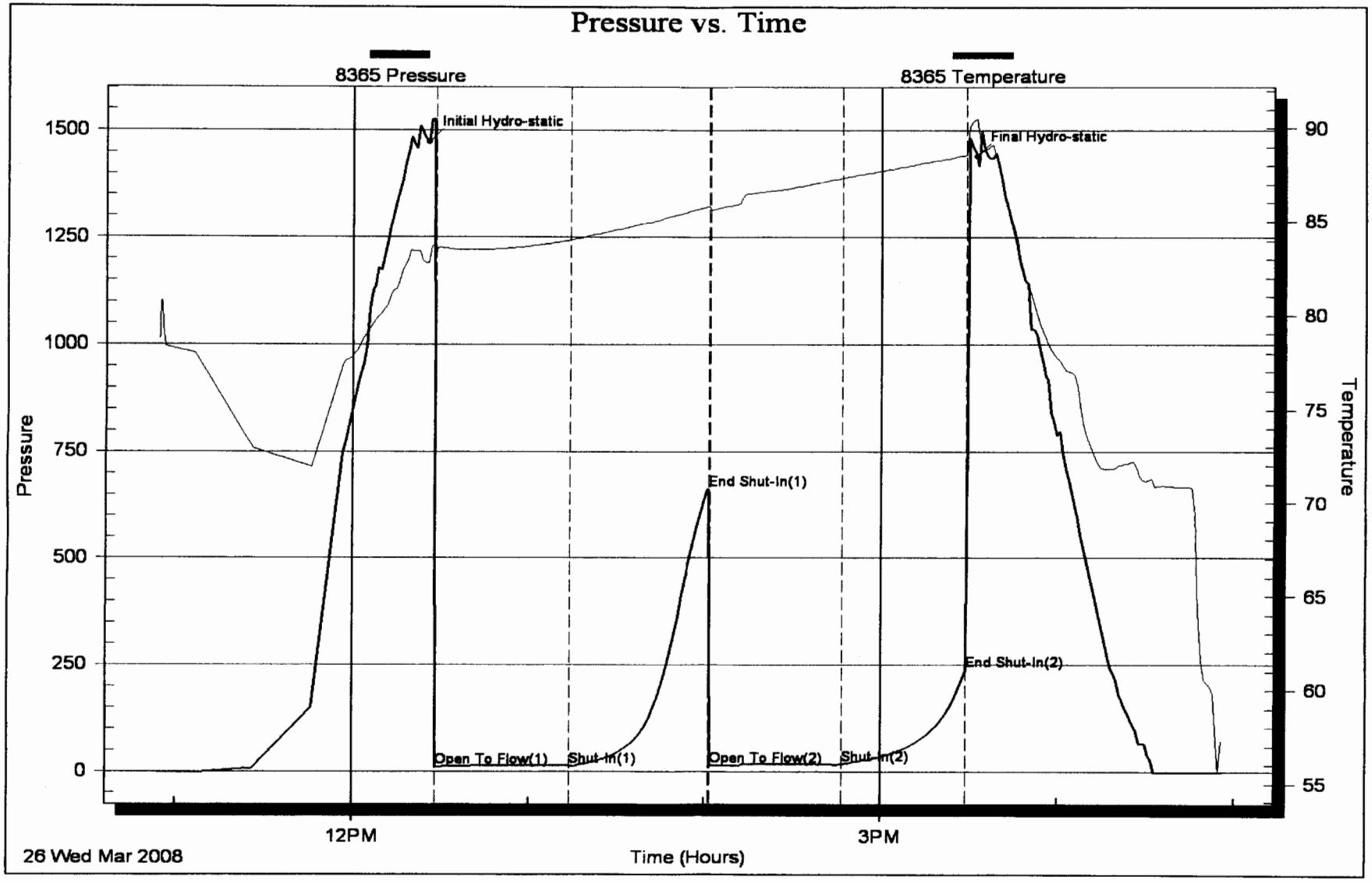
Length ft	Description	Volume bbl
5.00	SOCM 2%O 98%M	0.035

Total Length: 5.00 ft Total Volume: 0.035 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8365 Pressure
8365 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
1500
1250
1000
750
500
250
0
90
85
80
75
70
65
60
55
12PM
3PM
26 Wed Mar 2008
Time (Hours)