

15-025-21278



**TRILOBITE TESTING, INC.**

Coral Coast Petr. L.C.

Thomas #1

10-32s-22w

DST # 1

Viola

2005.01.31

### DRILL STEM TEST REPORT

Prepared For: **Coral Coast Petr. L.C.**

8100 E. 22nd St.  
Bldg. 100 Suite 2  
Wichita, KS 67226

ATTN: Rocky Milford

**10-32s-22w**

**Thomas #1**

Start Date: 2005.01.31 @ 23:34:29

End Date: 2005.02.01 @ 11:53:44

Job Ticket #: 21858                      DST #: 1

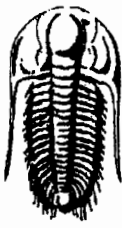
15-025-21278-00-00

RECEIVED  
KANSAS CORPORATION COMMISSION

**MAR 19 2008**

CONSERVATION DIVISION  
WICHITA, KS

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Coral Coast Petr. L.C.  
 8100 E 22nd St.  
 Bldg. 100 Suite 2  
 Wichita, KS 67226  
 ATTN: Rocky Milford

**Thomas #1**  
**10-32s-22w**  
 Job Ticket: 21858      **DST#: 1**  
 Test Start: 2005.01.31 @ 23:34:29

## GENERAL INFORMATION:

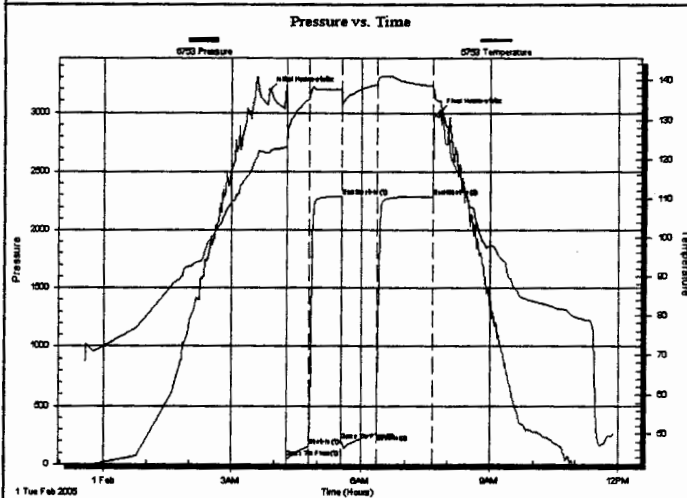
Formation: **Viola**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: **04:17:44**  
 Time Test Ended: **11:53:44**  
 Interval: **6538.00 ft (KB) To 6559.00 ft (KB) (TVD)**  
 Total Depth: **6559.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Davy Cline**  
 Unit No: **24**  
 Reference Elevations: **2268.00 ft (KB)**  
**2259.00 ft (CF)**  
 KB to GR/CF: **9.00 ft**

## Serial #: 6753

**Inside**

Press@RunDepth: **263.36 psig @ 6539.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2005.01.31** End Date: **2005.02.01** Last Calib.: **2005.02.01**  
 Start Time: **23:34:34** End Time: **11:53:44** Time On Btrm: **2005.02.01 @ 03:53:14**  
 Time Off Btrm: **2005.02.01 @ 07:46:59**

**TEST COMMENT:** IF: Strong blow . BOB 70 secs.  
 IS: Bled off for 5 min. 3 in. blow . GTS 5 min. into Shut in.  
 FF: Strong blow . BOB 90 secs. GTS not enough to gauge.  
 FS: Bled off for 45 min. Weak 6 in. blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3188.74	121.80	Initial Hydro-static
25	58.37	123.18	Open To Flow (1)
56	155.43	135.21	Shut-In(1)
100	2288.27	137.58	End Shut-In(1)
101	205.24	133.75	Open To Flow (2)
148	263.36	138.88	Shut-In(2)
226	2287.36	138.33	End Shut-In(2)
234	3004.17	134.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	W&MCGO 35%g 40%o&g 10%w 15%h	0.97
118.00	SM&SWCGO 10%g 28%o&g 54%o&g 6%0.95%h	
59.00	SM&SWCGO 26%g 56%o&g 8%o 6%w	0.48h
59.00	SM&SWCGO 62%g 24%g&o 8%o 3%w	0.48n
59.00	M&WCGO 28%g 42%g&o 12%o 12%w	0.48
59.00	SM&WCGO 44%g 8%g&o 22%o 23%w	0.48h

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Coral Coast Petr. L.C.

**Thomas #1**

8100 E. 22nd St.  
Bldg. 100 Suite 2  
Wichita, KS 67226  
ATTN: Rocky Milford

**10-32s-22w**

Job Ticket: 21858

**DST#: 1**

Test Start: 2005.01.31 @ 23:34:29

**Tool Information**

Drill Pipe:	Length: 5937.00 ft	Diameter: 3.25 inches	Volume: 60.92 bbl	Tool Weight: 2100.00 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: 588.00 ft	Diameter: 2.88 inches	Volume: 4.74 bbl	Weight to Pull Loose: 130000.0 lb
			<b>Total Volume: 65.66 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 115000.0 lb
Depth to Top Packer:	6538.00 ft			Final 118000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	49.00 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			6511.00	
Shut In Tool	5.00			6516.00	
Hydraulic tool	5.00			6521.00	
Jars	5.00			6526.00	
Safety Joint	2.00			6528.00	
Packer	5.00			6533.00	28.00 Bottom Of Top Packer
Packer	5.00			6538.00	
Stubb	1.00			6539.00	
Recorder	0.00	6753	Inside	6539.00	
Perforations	17.00			6556.00	
Recorder	0.00	10330	Outside	6556.00	
Bullnose	3.00			6559.00	21.00 Bottom Packers & Anchor

**Total Tool Length: 49.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Coast Petr. L.C.

**Thomas #1**

8100 E. 22nd St.  
Bldg. 100 Suite 2  
Wichita, KS 67226

**10-32s-22w**

Job Ticket: 21858

**DST#: 1**

ATTN: Rocky Milford

Test Start: 2005.01.31 @ 23:34:29

### 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:	101000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	W&MCGO 35%g 40%o&g 10%w 15%m	0.967
118.00	SM&SWCGO 10%g 28%o&g 54%o&g 6%w 2	0.951
59.00	SM&SWCGO 26%g 56%o&g 8%o 6%w 4%n	0.475
59.00	SM&SWCGO 62%g 24%g&o 8%o 3%w 3%t	0.475
59.00	M&WCGO 28%g 42%g&o 12%o 12%w 6%π	0.475
59.00	SM&WCGO 44%g 8%g&o 22%o 23%w 3%π	0.475
59.00	SM&GOCW 5%g 15%o 76%w 4%m	0.475
175.00	Gassy Water 5%o 95%w	1.674
0.00	6525 GP	0.000

Total Length: 708.00 ft      Total Volume: 5.967 bbl

Num Fluid Samples: 0

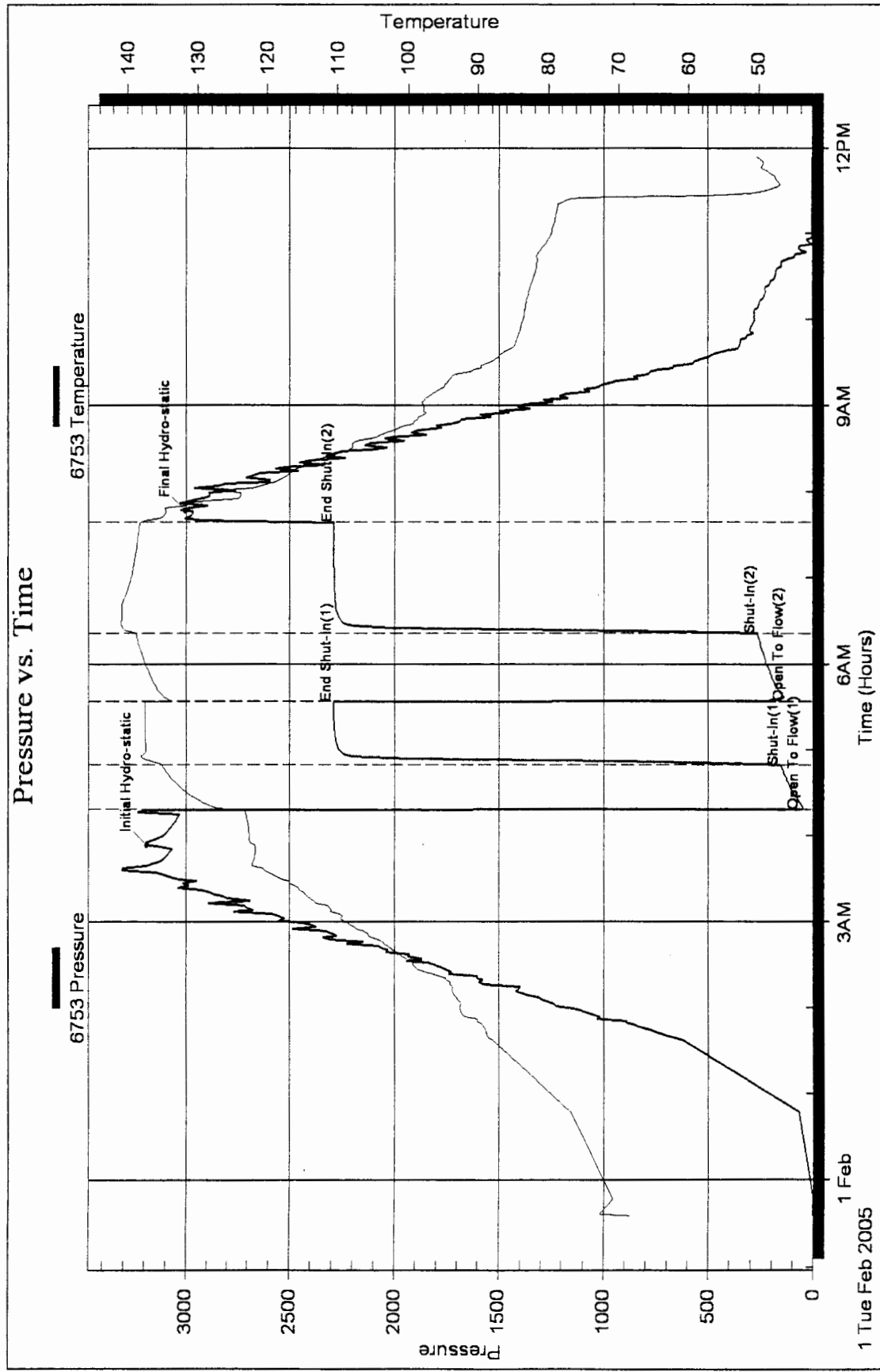
Num Gas Bombs: 0

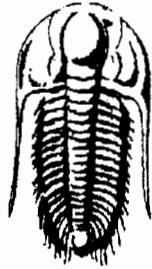
Serial #: DC-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Water Recovery- .11 ohms @ 45 deg.





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Coral Coast Petr. L.C.**

8100 E. 22nd St.  
Bldg. 100 Suite 2  
Wichita, KS 67226

ATTN: Rocky Milford

**10-32s-22w**

**Thomas #1**

Start Date: 2005.02.02 @ 00:41:57

End Date: 2005.02.02 @ 11:12:57

Job Ticket #: 21859                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Coast Petr. L.C.

Thomas #1

10-32s-22w

DST # 2

Viola

2005.02.02



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Coast Petr. L.C.

**Thomas #1**

8100 E 22nd St.  
Bldg. 100 Suite 2  
Wichita, KS 67226  
ATTN: Rocky Milford

**10-32s-22w**

Job Ticket: 21859      **DST#: 2**  
Test Start: 2005.02.02 @ 00:41:57

## GENERAL INFORMATION:

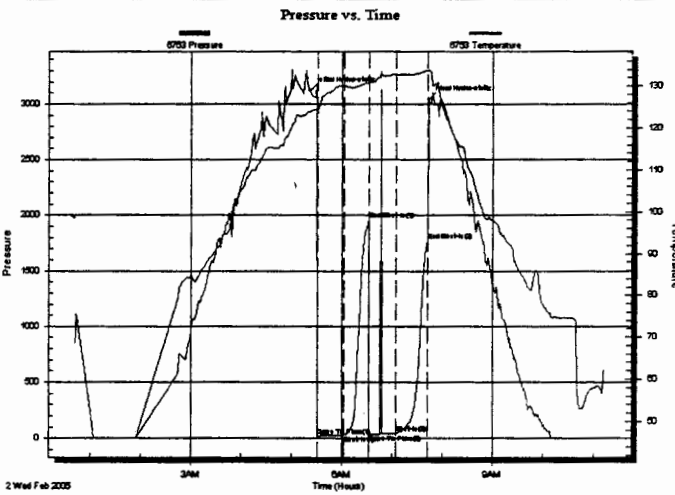
Formation: **Viola**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: 05:31:27  
Time Test Ended: 11:12:57  
Test Type: **Conventional Bottom Hole**  
Tester: **Davy Cline**  
Unit No: **24**  
Interval: **6569.00 ft (KB) To 6587.00 ft (KB) (TVD)**  
Reference Elevations: **2268.00 ft (KB)**  
Total Depth: **6559.00 ft (KB) (TVD)**  
**2259.00 ft (CF)**  
Hole Diameter: **7.88 inches** Hole Condition:  
KB to GR/CF: **9.00 ft**

## Serial #: 6753

**Inside**

Press@RunDepth: **47.74 psig @ 6570.00 ft (KB)** Capacity: **7000.00 psig**  
Start Date: **2005.02.02** End Date: **2005.02.02** Last Calib.: **2005.02.02**  
Start Time: **00:42:02** End Time: **11:12:57** Time On Btrr: **2005.02.02 @ 05:22:42**  
Time Off Btrr: **2005.02.02 @ 07:42:42**

TEST COMMENT: **IF: Weak surface blow . 1/4 inch.**  
**IS: No Blow .**  
**FF: No Blow .**  
**FS: No Blow .**



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3116.09	123.99	Initial Hydro-static
9	20.51	123.38	Open To Flow (1)
40	30.82	130.12	Shut-In(1)
69	1957.00	130.74	End Shut-In(1)
69	37.60	130.43	Open To Flow (2)
102	47.74	132.81	Shut-In(2)
139	1770.87	133.66	End Shut-In(2)
140	3038.63	133.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	SI Gsy WCM w/oil specs	0.48
0.00		0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coral Coast Petr. L.C.

**Thomas #1**

8100 E 22nd St.  
Bldg. 100 Suite 2  
Wichita, KS 67226

**10-32s-22w**

Job Ticket: 21859

**DST#: 2**

ATTN: Rocky Milford

Test Start: 2005.02.02 @ 00:41:57

### Tool Information

Drill Pipe:	Length: 5969.00 ft	Diameter: 3.25 inches	Volume: 61.25 bbl	Tool Weight: 2100.00 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: 588.00 ft	Diameter: 2.88 inches	Volume: 4.74 bbl	Weight to Pull Loose: 140000.0 lb
			<u>Total Volume: 65.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 118000.0 lb
Depth to Top Packer:	6569.00 ft			Final 118000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 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			6542.00	
Shut In Tool	5.00			6547.00	
Hydraulic tool	5.00			6552.00	
Jars	5.00			6557.00	
Safety Joint	2.00			6559.00	
Packer	5.00			6564.00	28.00 Bottom Of Top Packer
Packer	5.00			6569.00	
Stubb	1.00			6570.00	
Recorder	0.00	6753	Inside	6570.00	
Perforations	14.00			6584.00	
Recorder	0.00	10330	Outside	6584.00	
Bullnose	3.00			6587.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 46.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Coast Petr. L.C.

**Thomas #1**

8100 E. 22nd St.  
Bldg. 100 Suite 2  
Wichita, KS 67226

**10-32s-22w**

Job Ticket: 21859

**DST#: 2**

ATTN: Rocky Milford

Test Start: 2005.02.02 @ 00:41:57

**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:	19000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	SI Gsy WCM w/oil specs	0.483
0.00		0.000

Total Length: 60.00 ft      Total Volume: 0.483 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: NA

Laboratory Name:

Laboratory Location:

Recovery Comments: Water- .40 ohms @ 58 deg.

Serial #: 6753

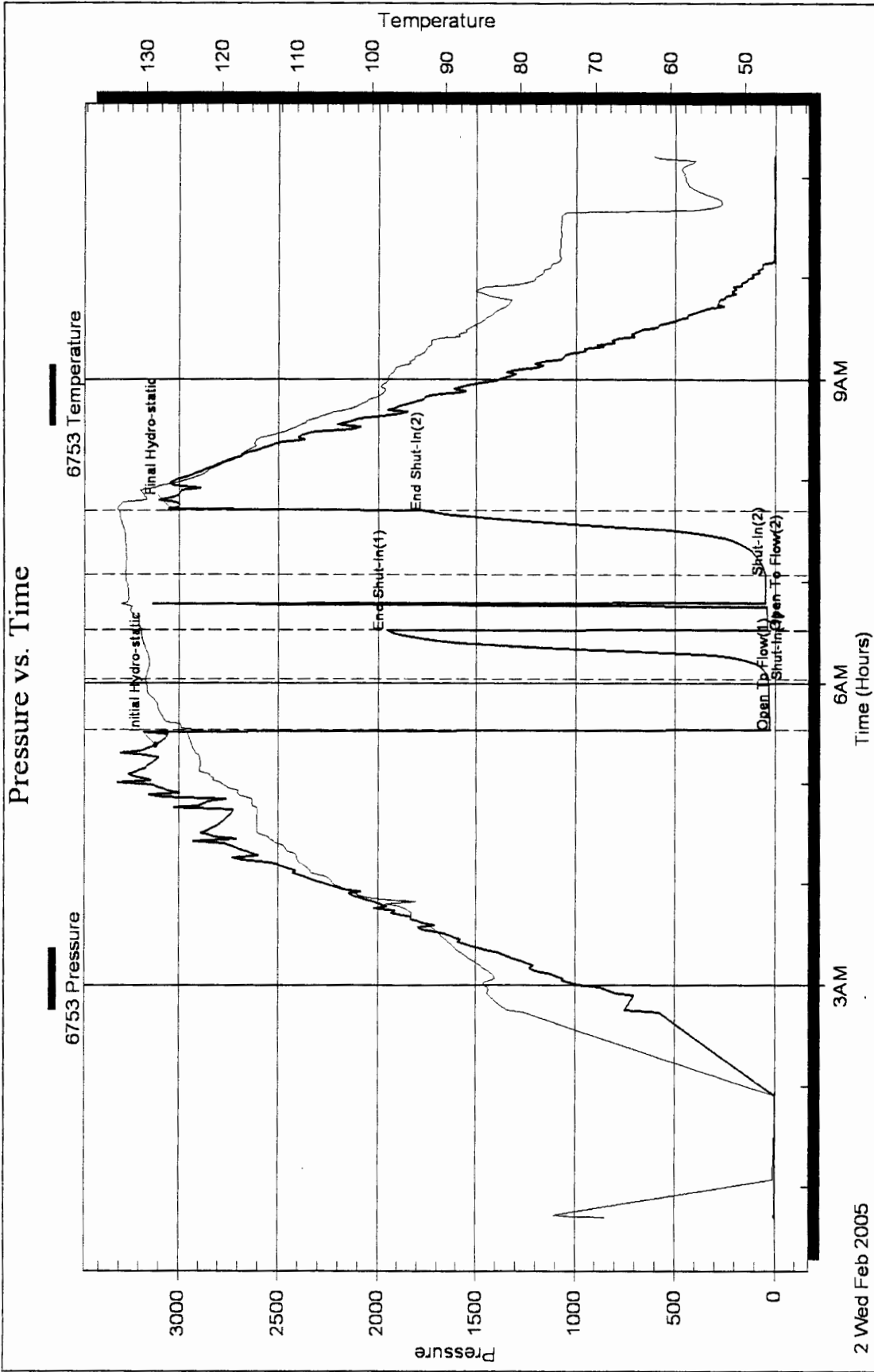
Inside

Coral Coast Petr. L.C.

10-32s-22w

DST Test Number: 2

### Pressure vs. Time



2 Wed Feb 2005