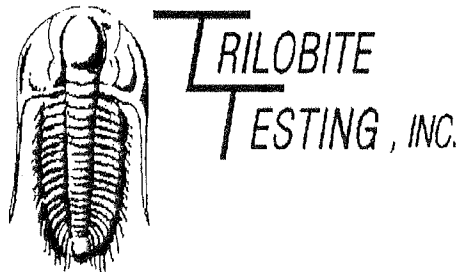


15-097-21580

29-30s-18w



## DRILL STEM TEST REPORT

Prepared For: **BEREXCO Inc.**

P.O. Box 20380  
Wichita, KS 67208

**CONFIDENTIAL**

**FEB 15 2006**

**KCC**

ATTN: Jeff Burk

**29-30s-18w**

**Cobb #6**

Start Date: 2005.12.16 @ 00:36:39

End Date: 2005.12.16 @ 13:27:39

Job Ticket #: 21446 DST #: 1

15-097-21580

1320 FSL 660 FWL  
W2 SW

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

**RECEIVED**  
**FEB 16 2006**

**KCC WICHITA**

BEREXCO Inc.

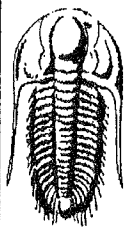
Cobb #6

29-30s-18w

DST # 1

Stotler

2005.12.16



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

BEREXCO Inc.  
P.O. Box 20380  
Wichita, KS 67208  
ATTN: Jeff Burk

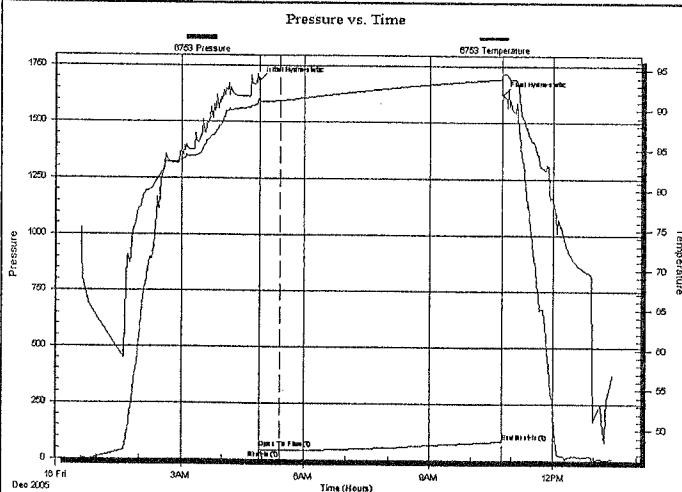
Cobb #6  
29-30s-18w  
Job Ticket: 21446      DST#: 1  
Test Start: 2005.12.16 @ 00:36:39

### GENERAL INFORMATION:

Formation: **Stotler**  
Deviated: **No** Whipstock:      ft (KB)  
Time Tool Opened: 04:55:39  
Time Test Ended: 13:27:39  
Interval: **3498.00 ft (KB) To 3514.00 ft (KB) (TVD)**  
Total Depth: **3514.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole**  
Tester: **Davy Cline**  
Unit No: **24**  
Reference Elevations: **2190.00 ft (KB)**  
**2180.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

Serial #: **6753**      Inside  
Press@RunDepth: **41.71 psig @ 3499.00 ft (KB)**  
Start Date: **2005.12.16**      End Date: **2005.12.16**  
Start Time: **00:36:40**      End Time: **13:27:39**  
Capacity: **7000.00 psig**  
Last Calib.: **2005.12.16**  
Time On Btm: **2005.12.16 @ 04:55:24**  
Time Off Btm: **2005.12.16 @ 10:47:09**

TEST COMMENT: IF: Weak blow. Bubbled w hen tool opened then had a very weak surface blow on top of diesel in the bucket.  
ISI: No blow back.  
No final flow or final shut in.  
( Strap w as 30 ft. off from board. De



### PRESSURE SUMMARY

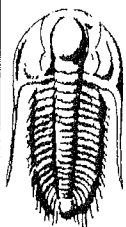
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1685.06         | 91.35        | Initial Hydro-static |
| 1           | 50.90           | 90.78        | Open To Flow (1)     |
| 30          | 41.71           | 91.09        | Shut-In(1)           |
| 351         | 83.58           | 93.91        | End Shut-In(1)       |
| 352         | 1625.58         | 94.57        | Final Hydro-static   |

### Recovery

| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 2.00        | Drilling mud 100% m | 0.02         |
|             |                     |              |
|             |                     |              |
|             |                     |              |
|             |                     |              |

### Gas Rates

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



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

BEREXCO Inc.

P.O. Box 20380  
Wichita, KS 67208

ATTN: Jeff Burk

Cobb #6

29-30s-18w

Job Ticket: 21446

DST#: 1

Test Start: 2005.12.16 @ 00:36:39

### Tool Information

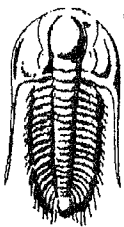
|                           |                    |                         |                   |                                    |
|---------------------------|--------------------|-------------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 3481.00 ft | Diameter: 3.25 inches   | Volume: 35.72 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: 40000.00 lb  |
|                           |                    | Total Volume: 35.72 bbl |                   | Tool Chased 2.00 ft                |
| Drill Pipe Above KB:      | 11.00 ft           |                         |                   | String Weight: Initial 38000.00 lb |
| Depth to Top Packer:      | 3498.00 ft         |                         |                   | Final 38000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                         |                   |                                    |
| Interval between Packers: | 16.00 ft           |                         |                   |                                    |
| Tool Length:              | 44.00 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  |               | 3471.00 |                               |
| Shut In Tool    | 5.00  |               | 3476.00 |                               |
| Hydraulic tool  | 5.00  |               | 3481.00 |                               |
| Jars            | 5.00  |               | 3486.00 |                               |
| Safety Joint    | 2.00  |               | 3488.00 |                               |
| Packer          | 5.00  |               | 3493.00 | 28.00 Bottom Of Top Packer    |
| Packer          | 5.00  |               | 3498.00 |                               |
| Stubb           | 1.00  |               | 3499.00 |                               |
| Recorder        | 0.00  | 6753 Inside   | 3499.00 |                               |
| Perforations    | 12.00 |               | 3511.00 |                               |
| Recorder        | 0.00  | 13400 Outside | 3511.00 |                               |
| Bullnose        | 3.00  |               | 3514.00 | 16.00 Bottom Packers & Anchor |

Total Tool Length: 44.00



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

BEREXCO Inc.

Cobb #6

P.O. Box 20380  
Wichita, KS 67208

29-30s-18w

Job Ticket: 21446

DST#: 1

ATTN: Jeff Burk

Test Start: 2005.12.16 @ 00:36:39

### 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:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description         | Volume<br>bbl |
|--------------|---------------------|---------------|
| 2.00         | Drilling mud 100%rn | 0.021         |

Total Length:

2.00 ft

Total Volume:

0.021 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

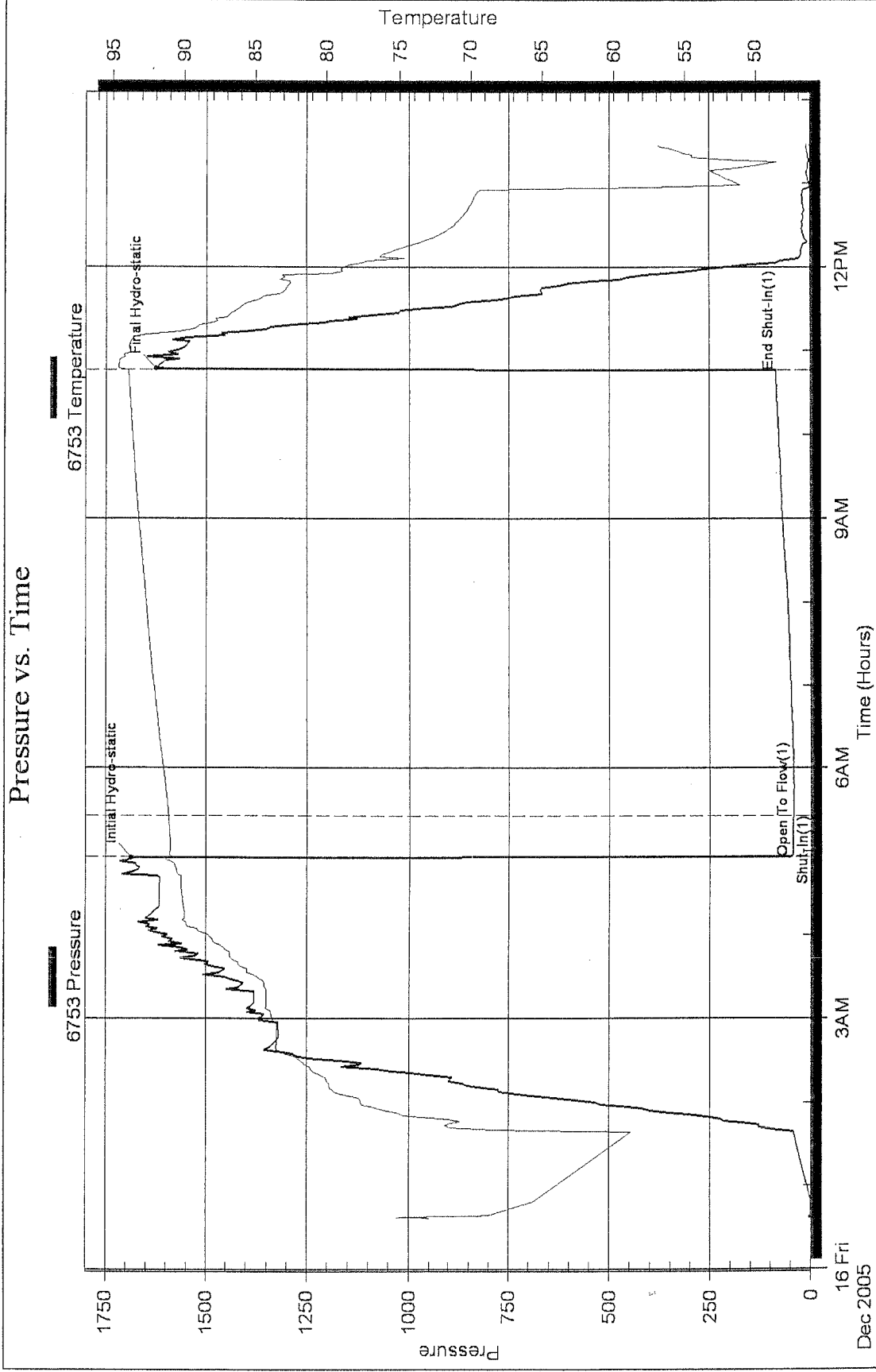
Serial #:

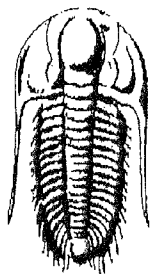
Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **BEREXCO Inc.**

P.O. Box 20380  
Wichita, KS 67208

ATTN: Jeff Burk

**29-30s-18w**

**Cobb #6**

Start Date: 2005.12.17 @ 01:21:38

End Date: 2005.12.17 @ 11:57:08

Job Ticket #: 21447

DST #: 2

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

BEREXCO Inc.

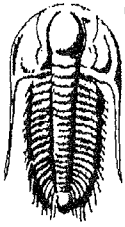
Cobb #6

29-30s-18w

DST # 2

Stoller Lime

2005.12.17



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

BEREXCO Inc.

P.O. Box 20380  
Wichita, KS 67208

ATTN: Jeff Burk

**Cobb #6**

**29-30s-18w**

Job Ticket: 21447

DST#: 2

Test Start: 2005.12.17 @ 01:21:38

### GENERAL INFORMATION:

Formation: **Stotler Lime**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:14:38

Time Test Ended: 11:57:08

Test Type: **Conventional Bottom Hole**

Tester: **Davy Cline**

Unit No: **24**

Interval: **3496.00 ft (KB) To 3518.00 ft (KB) (TVD)**

Total Depth: **3514.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2190.00 ft (KB)**

**2180.00 ft (CF)**

KB to GR/CF: **10.00 ft**

**Serial #: 6753**

**Inside**

Press@RunDepth: **48.21 psig @ 3497.00 ft (KB)**

Start Date: **2005.12.17**

End Date: **2005.12.17**

Capacity: **7000.00 psig**

Last Calib.: **2005.12.17**

Start Time: **01:21:39**

End Time: **11:57:08**

Time On Btm: **2005.12.17 @ 04:14:08**

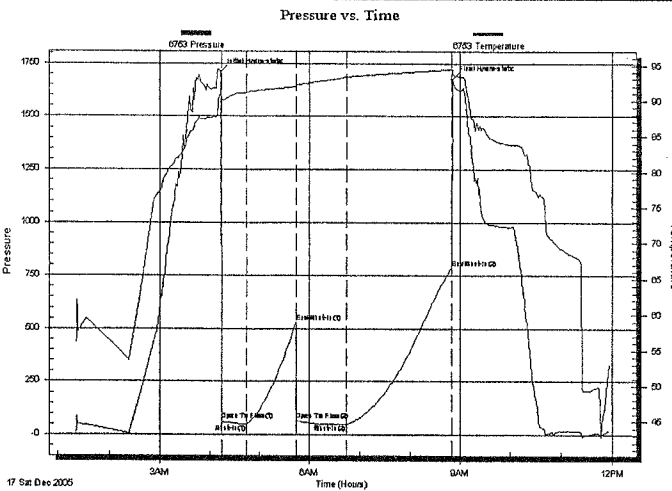
Time Off Btm: **2005.12.17 @ 08:50:38**

TEST COMMENT: IF: Weak to fair blow. Slow increasing blow to BOB of diesel in 6 1/2 min.

IS: Bled off. No blow back.

FF: Weak to fair blow. Slow increasing blow to BOB of diesel in 30 min.

FST: Bled off. No bl



### PRESSURE SUMMARY

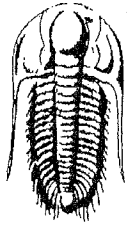
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1709.62         | 90.77        | Initial Hydro-static |
| 1           | 65.97           | 90.28        | Open To Flow (1)     |
| 31          | 48.95           | 91.10        | Shut-In(1)           |
| 91          | 532.51          | 92.00        | End Shut-In(1)       |
| 91          | 67.16           | 92.05        | Open To Flow (2)     |
| 151         | 48.21           | 93.32        | Shut-In(2)           |
| 276         | 786.49          | 94.43        | End Shut-In(2)       |
| 277         | 1675.68         | 94.04        | Final Hydro-static   |

### Recovery

| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 15.00       | Drilling Mud 100% m | 0.15         |
|             |                     |              |
|             |                     |              |
|             |                     |              |
|             |                     |              |
|             |                     |              |

### Gas Rates

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



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

BEREXCO Inc.

Cobb #6

P.O. Box 20380  
Wichita, KS 67208

29-30s-18w

Job Ticket: 21447

DST#: 2

ATTN: Jeff Burk

Test Start: 2005.12.17 @ 01:21:38

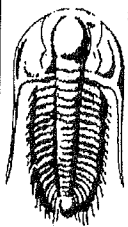
### Tool Information

|                           |                    |                       |                         |                        |             |
|---------------------------|--------------------|-----------------------|-------------------------|------------------------|-------------|
| Drill Pipe:               | Length: 3481.00 ft | Diameter: 3.25 inches | Volume: 35.72 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:  | 42000.00 lb |
|                           |                    |                       | Total Volume: 35.72 bbl | Tool Chased            | 0.00 ft     |
| Drill Pipe Above KB:      | 13.00 ft           |                       |                         | String Weight: Initial | 40000.00 lb |
| Depth to Top Packer:      | 3496.00 ft         |                       |                         | Final                  | 40000.00 lb |
| Depth to Bottom Packer:   | ft                 |                       |                         |                        |             |
| Interval between Packers: | 22.00 ft           |                       |                         |                        |             |
| Tool Length:              | 50.00 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        |            |          | 3469.00    |                               |
| Shut In Tool     | 5.00        |            |          | 3474.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 3479.00    |                               |
| Jars             | 5.00        |            |          | 3484.00    |                               |
| Safety Joint     | 2.00        |            |          | 3486.00    |                               |
| Packer           | 5.00        |            |          | 3491.00    | 28.00 Bottom Of Top Packer    |
| Packer           | 5.00        |            |          | 3496.00    |                               |
| Stubb            | 1.00        |            |          | 3497.00    |                               |
| Recorder         | 0.00        | 6753       | Inside   | 3497.00    |                               |
| Perforations     | 18.00       |            |          | 3515.00    |                               |
| Recorder         | 0.00        | 13400      | Outside  | 3515.00    |                               |
| Bullnose         | 3.00        |            |          | 3518.00    | 22.00 Bottom Packers & Anchor |

**Total Tool Length: 50.00**





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

BEREXCO Inc.

Cobb #6

P.O. Box 20380  
Wichita, KS 67208

29-30s-18w

Job Ticket: 21447

DST#: 2

ATTN: Jeff Burk

Test Start: 2005.12.17 @ 01:21:38

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 10.37 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

### Recovery Information

Recovery Table

| Length<br>ft | Description                    | Volume<br>bbl |
|--------------|--------------------------------|---------------|
| 15.00        | Drilling Mud 100% <sub>m</sub> | 0.154         |

Total Length: 15.00 ft

Total Volume: 0.154 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

