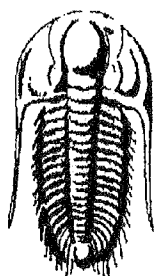


15-051-25451-0000

8-14s-17w



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

## DRILL STEM TEST REPORT

Prepared For: **Oil Producers Inc Of Kansas**

1710 Waterfront Parkway  
Wichita KS 67206

ATTN: Jon Christensen

**8 14 17W Ellis KS**

**Lang #6**

Start Date: 2007.09.08 @ 13:52:39

End Date: 2007.09.08 @ 21:35:22

Job Ticket #: 30586      DST #: 1

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**JAN 15 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

Oil Producers Inc Of Kansas

1710 Waterfront Parkway  
Wichita KS 67206

ATTN: Jon Christensen

Lang #6

8 14 17W Ellis KS

Job Ticket: 30586

DST#: 1

Test Start: 2007.09.08 @ 13:52:39

### GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:06:22

Time Test Ended: 21:35:22

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 21

Interval: **3534.00 ft (KB) To 3582.00 ft (KB) (TVD)**

Total Depth: 3582.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2022.00 ft (KB)

2017.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8319** Inside

Press@RunDepth: 124.90 psig @ 3540.00 ft (KB)

Start Date: 2007.09.08 End Date: 2007.09.08

Start Time: 13:52:39 End Time: 21:35:22

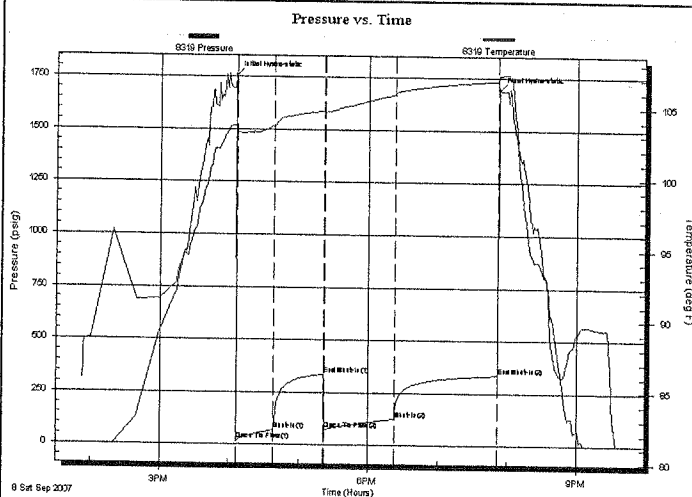
Capacity: 7000.00 psig

Last Calib.: 2007.02.08

Time On Btm: 2007.09.08 @ 16:05:37

Time Off Btm: 2007.09.08 @ 19:52:22

TEST COMMENT: IF Weak 1/2 " blow building to 3.5 "  
FF Surface blow building to 2.5 "



### PRESSURE SUMMARY

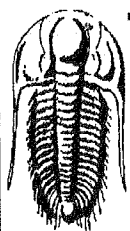
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1756.60         | 103.75       | Initial Hydro-static |
| 1           | 19.17           | 103.14       | Open To Flow (1)     |
| 33          | 69.36           | 103.65       | Shut-In (1)          |
| 77          | 337.02          | 104.75       | End Shut-In (1)      |
| 77          | 72.57           | 104.63       | Open To Flow (2)     |
| 137         | 124.90          | 105.93       | Shut-In (2)          |
| 227         | 334.69          | 106.91       | End Shut-In (2)      |
| 227         | 1693.24         | 107.26       | Final Hydro-static   |

### Recovery

| Length (ft) | Description  | Volume (bbl) |
|-------------|--------------|--------------|
| 70.00       | OSM 1%O 99%M | 0.34         |
| 60.00       | WM 30%W 70%M | 0.30         |
| 60.00       | MW 50%W 50%M | 0.30         |
|             |              |              |
|             |              |              |
|             |              |              |

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Oil Producers Inc Of Kansas

1710 Waterfront Parkway  
Wichita KS 67206

ATTN: Jon Christensen

**Lang #6**

**8 14 17W Ellis KS**

Job Ticket: 30586

**DST#: 1**

Test Start: 2007.09.08 @ 13:52:39

### GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:06:22

Time Test Ended: 21:35:22

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 21

Interval: **3534.00 ft (KB) To 3582.00 ft (KB) (TVD)**

Total Depth: 3582.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2022.00 ft (KB)

2017.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8290** Inside

Press@RunDepth: psig @ 3540.00 ft (KB)

Start Date: 2007.09.08 End Date: 2007.09.08

Start Time: 13:52:49 End Time: 21:35:02

Capacity: 7000.00 psig

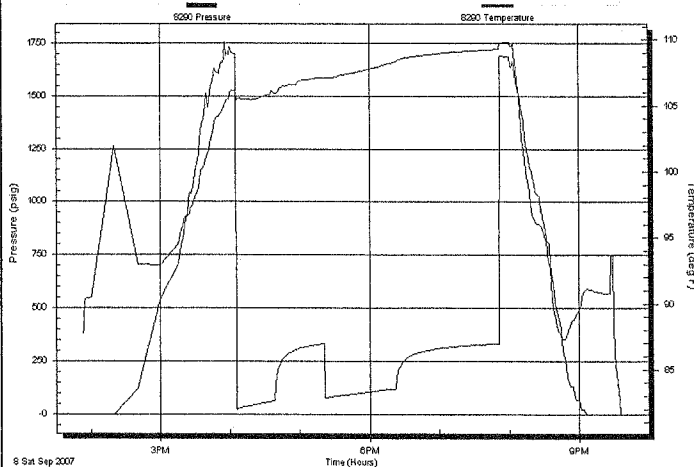
Last Calib.: 2007.09.08

Time On Btm:

Time Off Btm:

TEST COMMENT: IF Weak 1/2 " blow building to 3.5 "  
FF Surface blow building to 2.5 "

Pressure vs. Time



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
|-------------|-----------------|--------------|------------|

### Recovery

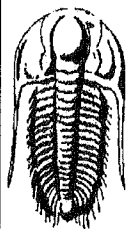
| Length (ft) | Description  | Volume (bbl) |
|-------------|--------------|--------------|
| 70.00       | OSM 1%O 99%M | 0.34         |
| 60.00       | WM 30%W 70%M | 0.30         |
| 60.00       | MV 50%W 50%M | 0.30         |
|             |              |              |
|             |              |              |
|             |              |              |

### Gas Rates

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

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**TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers Inc Of Kansas

Lang #6

1710 Waterfront Parkway  
Wichita KS 67206

8 14 17W Ellis KS

Job Ticket: 30586

DST#: 1

ATTN: Jon Christensen

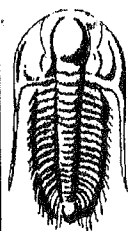
Test Start: 2007.09.08 @ 13:52:39

### Tool Information

|                           |                    |                       |                   |                        |             |
|---------------------------|--------------------|-----------------------|-------------------|------------------------|-------------|
| Drill Pipe:               | Length: 3293.00 ft | Diameter: 3.80 inches | Volume: 46.19 bbl | Tool Weight:           | 2400.00 lb  |
| Heavy Wt. Pipe:           | Length: ft         | Diameter: 2.70 inches | Volume: - bbl     | Weight set on Packer:  | 20000.00 lb |
| Drill Collar:             | Length: 246.00 ft  | Diameter: 2.25 inches | Volume: 1.21 bbl  | Weight to Pull Loose:  | 45000.00 lb |
|                           |                    | Total Volume:         | - bbl             | Tool Chased            | ft          |
| Drill Pipe Above KB:      | 33.00 ft           |                       |                   | String Weight: Initial | 42000.00 lb |
| Depth to Top Packer:      | 3534.00 ft         |                       |                   | Final                  | 42000.00 lb |
| Depth to Bottom Packer:   | ft                 |                       |                   |                        |             |
| Interval between Packers: | 48.00 ft           |                       |                   |                        |             |
| Tool Length:              | 76.00 ft           |                       |                   |                        |             |
| Number of Packers:        | 2                  | Diameter:             | 6.75 inches       |                        |             |
| Tool Comments:            |                    |                       |                   |                        |             |

### Tool Description

| Tool Description   | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|--------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub    | 1.00        |            |          | 3507.00    |                               |
| Shut In Tool       | 5.00        |            |          | 3512.00    |                               |
| Hydraulic tool     | 5.00        |            |          | 3517.00    |                               |
| Jars               | 5.00        |            |          | 3522.00    |                               |
| Safety Joint       | 2.00        |            |          | 3524.00    |                               |
| Packer             | 5.00        |            |          | 3529.00    | 28.00 Bottom Of Top Packer    |
| Packer             | 5.00        |            |          | 3534.00    |                               |
| Stubb              | 1.00        |            |          | 3535.00    |                               |
| Perforations       | 5.00        |            |          | 3540.00    |                               |
| Recorder           | 0.00        | 8290       | Inside   | 3540.00    |                               |
| Recorder           | 0.00        | 8319       | Inside   | 3540.00    |                               |
| Change Over Sub    | 1.00        |            |          | 3541.00    |                               |
| Blank Spacing      | 31.00       |            |          | 3572.00    |                               |
| Change Over Sub    | 1.00        |            |          | 3573.00    |                               |
| Perforations       | 6.00        |            |          | 3579.00    |                               |
| Bullnose           | 3.00        |            |          | 3582.00    | 48.00 Bottom Packers & Anchor |
| Total Tool Length: | 76.00       |            |          |            |                               |



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Oil Producers Inc Of Kansas

**Lang #6**

1710 Waterfront Parkway  
Wichita KS 67206

**8 14 17W Ellis KS**

Job Ticket: 30586

**DST#: 1**

ATTN: Jon Christensen

Test Start: 2007.09.08 @ 13:52:39

### 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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description  | Volume<br>bbl |
|--------------|--------------|---------------|
| 70.00        | OSM 1%O 99%M | 0.344         |
| 60.00        | WM 30%W 70%M | 0.295         |
| 60.00        | MW 50%W 50%M | 0.295         |

Total Length: 190.00 ft

Total Volume: 0.934 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

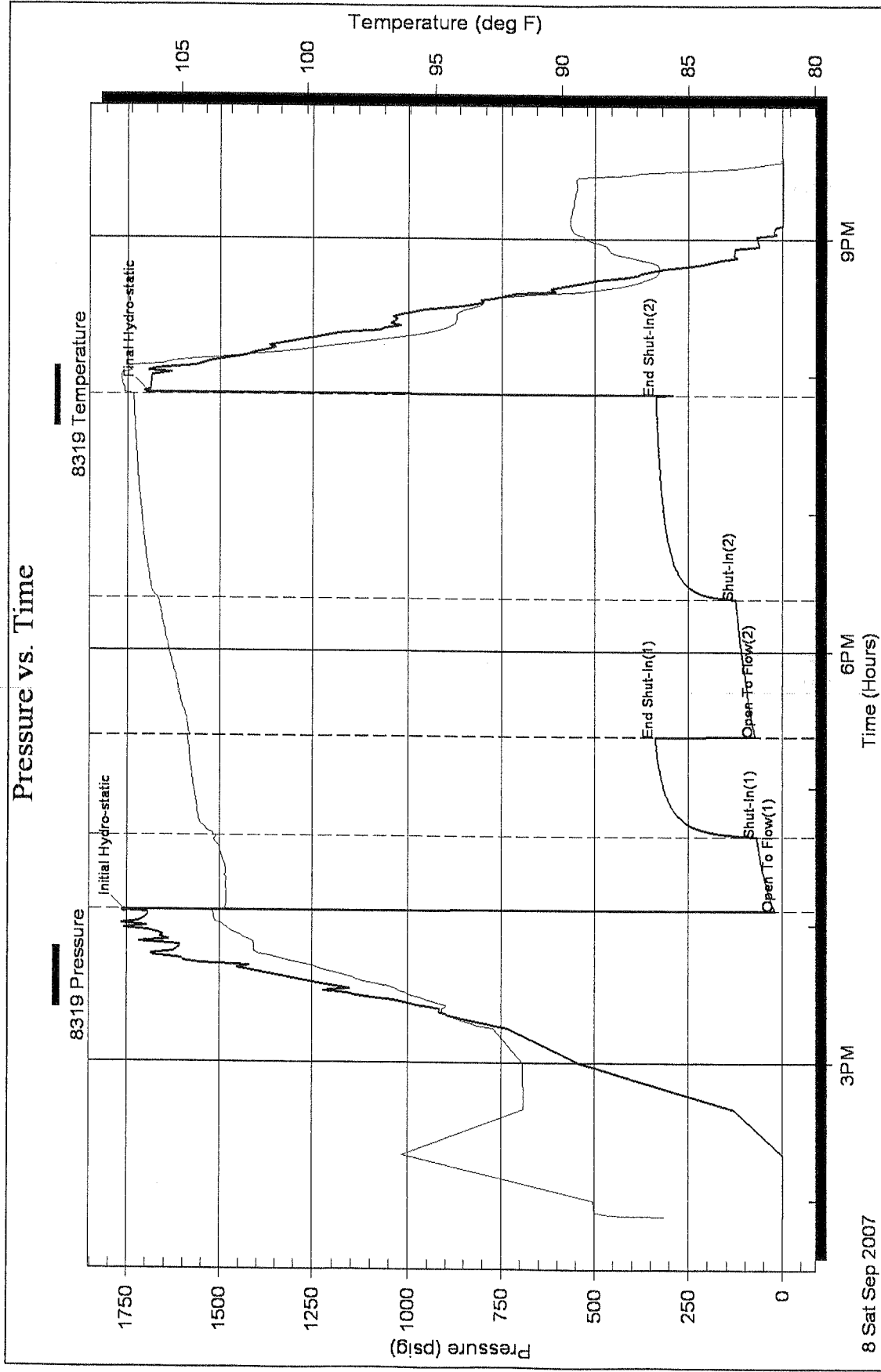
Laboratory Name:

Laboratory Location:

Recovery Comments:

**JAN 15 2008**

# Pressure vs. Time



DST Test Number: 1

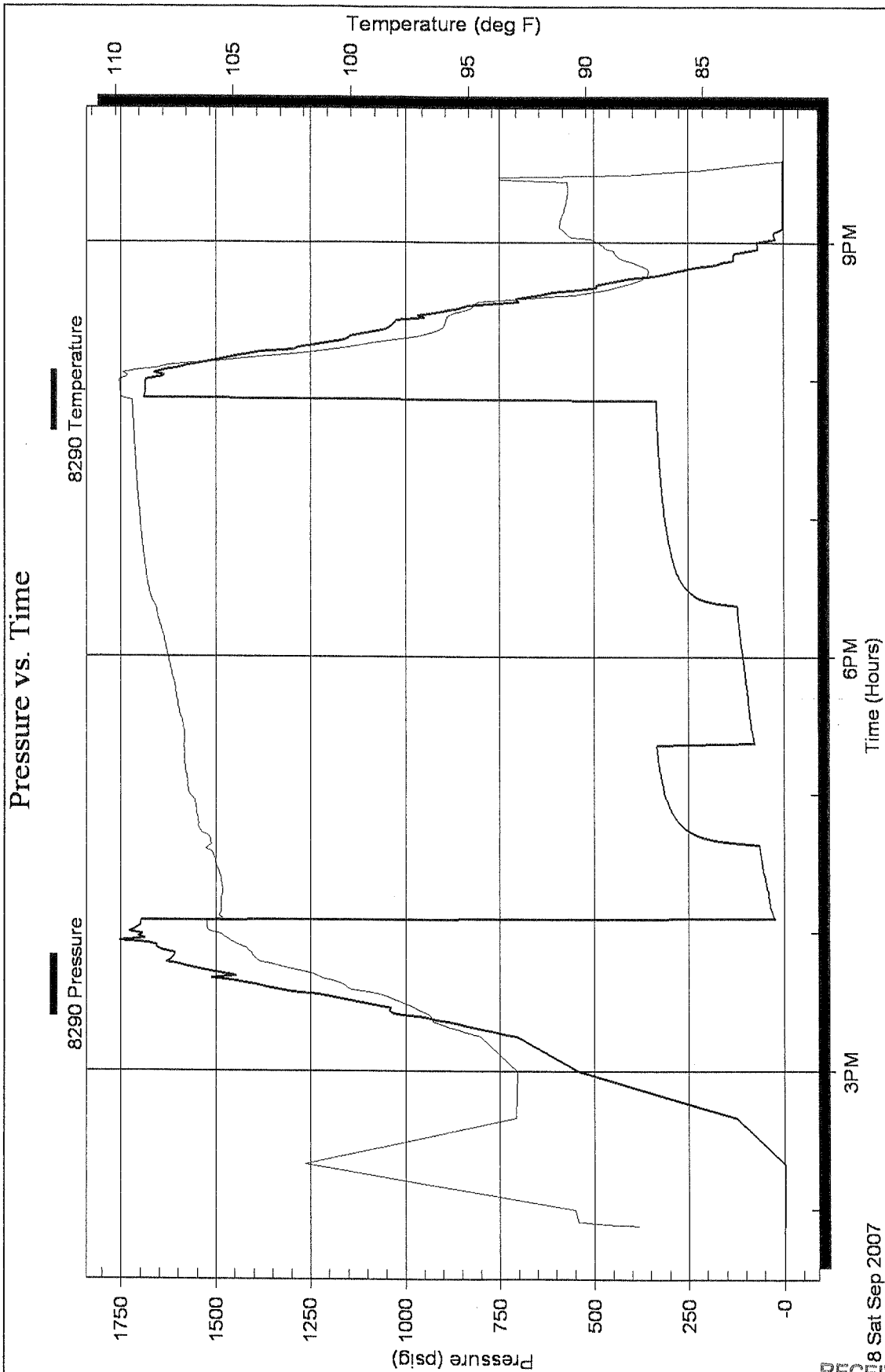
8 14 17W Ellis KS

Oil Producers Inc Of Kansas

Inside

Serial #: 8290

# Pressure vs. Time



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CONSERVATION DIVISION

Ref. No: 30586

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