

**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Trans Pacific Oil Corp**

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**4 19 28W Lane KS**

**Shapland 1-4**

Start Date: 2006.08.07 @ 17:56:44

End Date: 2006.08.08 @ 01:23:57

Job Ticket #: 24191                      DST #: 1

W2 NW SE  
1980 FSL 2310 FEL

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**AUG 24 2006**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

**KCC**  
**AUG 24 2006**  
**CONFIDENTIAL**

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

Trans Pacific Oil Corp

Shapland 1-4

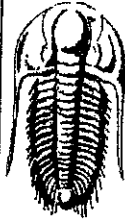
4 19 28W Lane KS

DST # 1

KC

2006.08.07

15-101-21946



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Trans Pacific Oil Corp

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**Shapland 1-4**

**4 19 28W Lane KS**

Job Ticket: 24191

DST#: 1

Test Start: 2006.08.07 @ 17:56:44

## GENERAL INFORMATION:

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

Time Tool Opened: 19:50:27

Time Test Ended: 01:23:57

Interval: **4156.00 ft (KB) To 4200.00 ft (KB) (TVD)**

Total Depth: **4200.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **18**

Reference Elevations: **2767.00 ft (KB)**

**2757.00 ft (CF)**

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

**Serial #: 6672**

**Inside**

Press@RunDepth: **778.11 psig @ 4163.00 ft (KB)**

Start Date: **2006.08.07**

End Date:

**2006.08.08**

Capacity: **7000.00 psig**

Start Time: **17:56:44**

End Time:

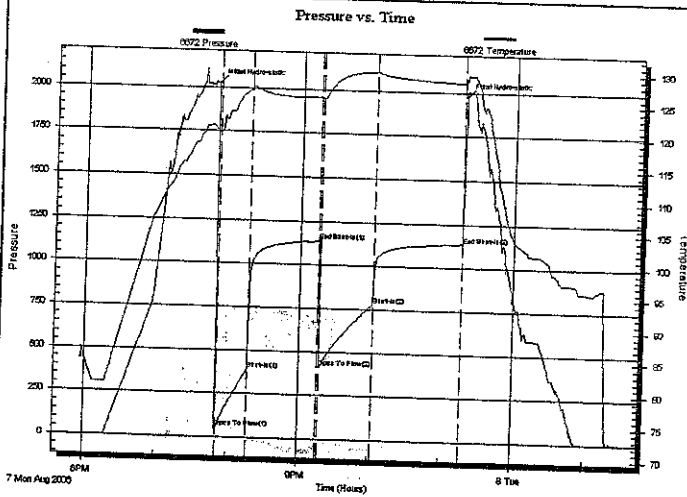
**01:23:57**

Last Calib.: **2006.08.08**

Time On Btm: **2006.08.07 @ 19:48:57**

Time Off Btm: **2006.08.07 @ 23:17:27**

**TEST COMMENT:** IF BOB in 4 min  
IS No Return  
FF BOB in 4 min  
ISI No Return



## PRESSURE SUMMARY

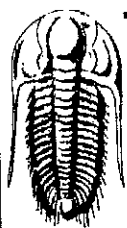
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.52	120.52	Initial Hydro-static
2	56.58	119.91	Open To Flow (1)
28	386.70	126.96	Shut-In (1)
87	1138.29	125.82	End Shut-In (1)
89	410.03	125.60	Open To Flow (2)
133	778.11	129.89	Shut-In (2)
208	1136.84	128.51	End Shut-In (2)
209	1974.72	128.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1350.00	Salt water 100%SW	18.94
100.00	MSW 95%M 5%SW	1.40

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corp

Shapland 1-4

100 S Main  
Wichita KS 67202

4 19 28W Lane KS

Job Ticket: 24191

DST#: 1

ATTN: Mike Kidwell

Test Start: 2006.08.07 @ 17:56:44

### Tool Information

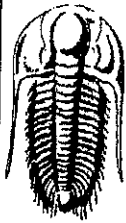
Drill Pipe:	Length: 4155.00 ft	Diameter: 3.80 inches	Volume: 58.28 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 58.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	4156.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4141.00	
Hydraulic tool	5.00			4146.00	
Packer	5.00			4151.00	20.00 Bottom Of Top Packer
Packer	5.00			4156.00	
Perforations	6.00			4162.00	
Change Over Sub	1.00			4163.00	
Recorder	0.00	6672	inside	4163.00	
Drill Pipe	31.00			4194.00	
Change Over Sub	1.00			4195.00	
Recorder	0.00	11020	inside	4195.00	
Bullnose	5.00			4200.00	44.00 Bottom Packers & Anchor

**Total Tool Length: 64.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24191

**DST#: 1**

ATTN: Mike Kidwell

Test Start: 2006.08.07 @ 17:56:44

## 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: 8.68 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2200.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1350.00	Saltwater 100%SW	18.937
100.00	MSW 95%M 5%SW	1.403

Total Length: 1450.00 ft      Total Volume: 20.340 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

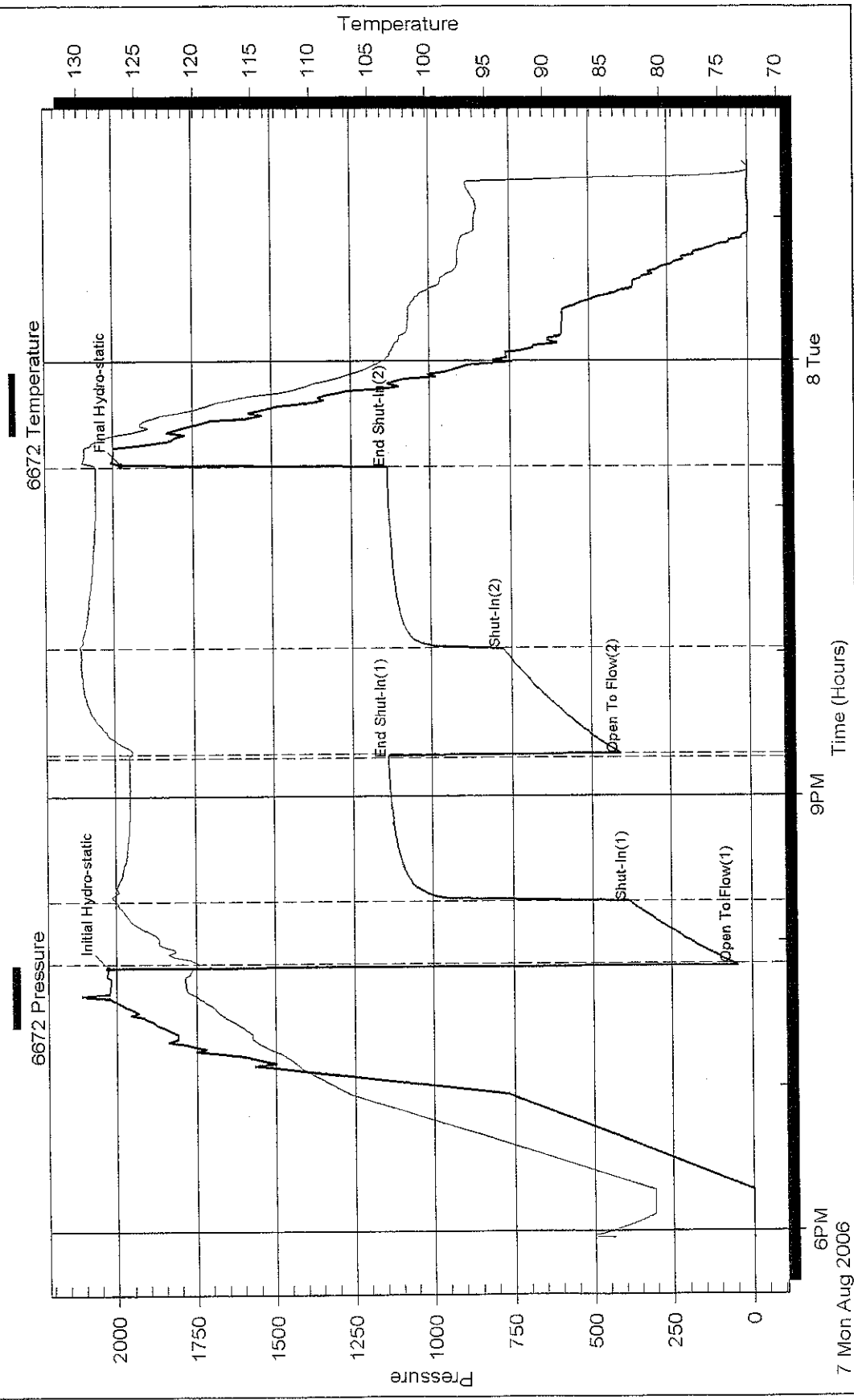
Serial #:

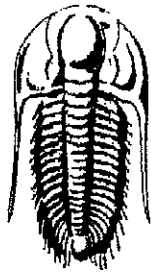
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





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

## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**4 19 28W Lane KS**

**Shapland 1-4**

Start Date: 2006.08.08 @ 09:24:32

End Date: 2006.08.08 @ 14:56:30

Job Ticket #: 24192                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Trans Pacific Oil Corp

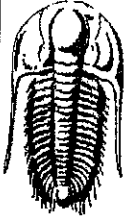
Shapland 1-4

4 19 28W Lane KS

DST # 2

KC/160'

2006.08.08



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Trans Pacific Oil Corp

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**Shapland 1-4**

**4 19 28W Lane KS**

Job Ticket: 24192

DST#: 2

Test Start: 2006.08.08 @ 09:24:32

## GENERAL INFORMATION:

Formation: **KC/ 160'**  
Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 11:17:30

Time Test Ended: 14:56:30

Interval: **4214.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Total Depth: **4230.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **18**

Reference Elevations: **2767.00 ft (KB)**

**2757.00 ft (CF)**

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

**Serial #: 6672**

**Inside**

Press@RunDepth: **31.10 psig @ 4215.00 ft (KB)**

Start Date: **2006.08.08**

End Date:

**2006.08.08**

Capacity: **7000.00 psig**

Start Time: **09:24:32**

End Time:

**14:56:30**

Last Calib.: **2006.08.08**

Time On Btm: **2006.08.08 @ 11:16:45**

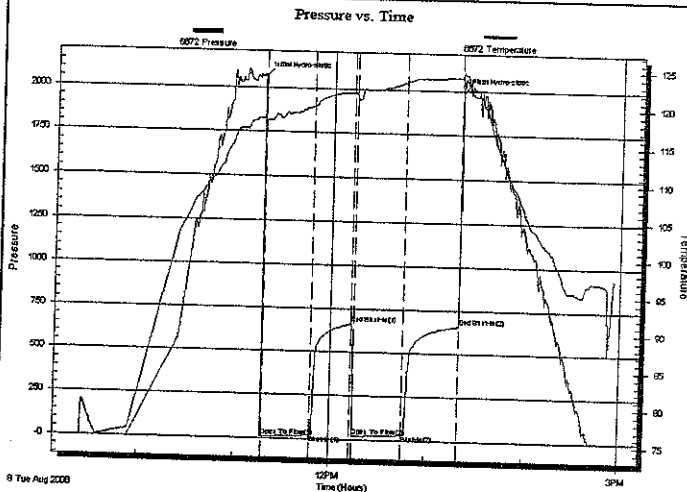
Time Off Btm: **2006.08.08 @ 13:20:30**

TEST COMMENT: **IF Weak return surface blow**

**IS No return**

**FF No return blow**

**ISI No return**



## PRESSURE SUMMARY

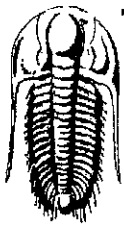
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2064.90	118.41	Initial Hydro-static
1	11.69	118.03	Open To Flow (1)
32	20.61	120.07	Shut-In(1)
57	665.82	121.90	End Shut-In(1)
58	22.20	121.50	Open To Flow (2)
89	31.10	123.39	Shut-In(2)
123	660.63	124.07	End Shut-In(2)
124	1989.69	124.80	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud 100%M	0.28

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24192      **DST#: 2**

ATTN: Mike Kidwell

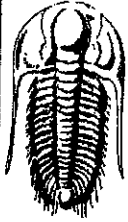
Test Start: 2006.08.08 @ 09:24:32

### Tool Information

Drill Pipe:	Length: 4216.00 ft	Diameter: 3.80 inches	Volume: 59.14 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 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: 60000.00 lb
			<u>Total Volume: 59.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4214.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut in Tool	5.00			4199.00	
Hydraulic tool	5.00			4204.00	
Packer	5.00			4209.00	20.00      Bottom Of Top Packer
Packer	5.00			4214.00	
Perforations	1.00			4215.00	
Recorder	0.00	6672	Inside	4215.00	
Perforations	10.00			4225.00	
Recorder	0.00	11020	Inside	4225.00	
Bullnose	5.00			4230.00	16.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>36.00</b>				



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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24192

**DST#: 2**

ATTN: Mike Kidwell

Test Start: 2006.08.08 @ 09:24:32

**Mud and Cushion Information**

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.52 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

deg API

ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud 100%M	0.281

Total Length: 20.00 ft      Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

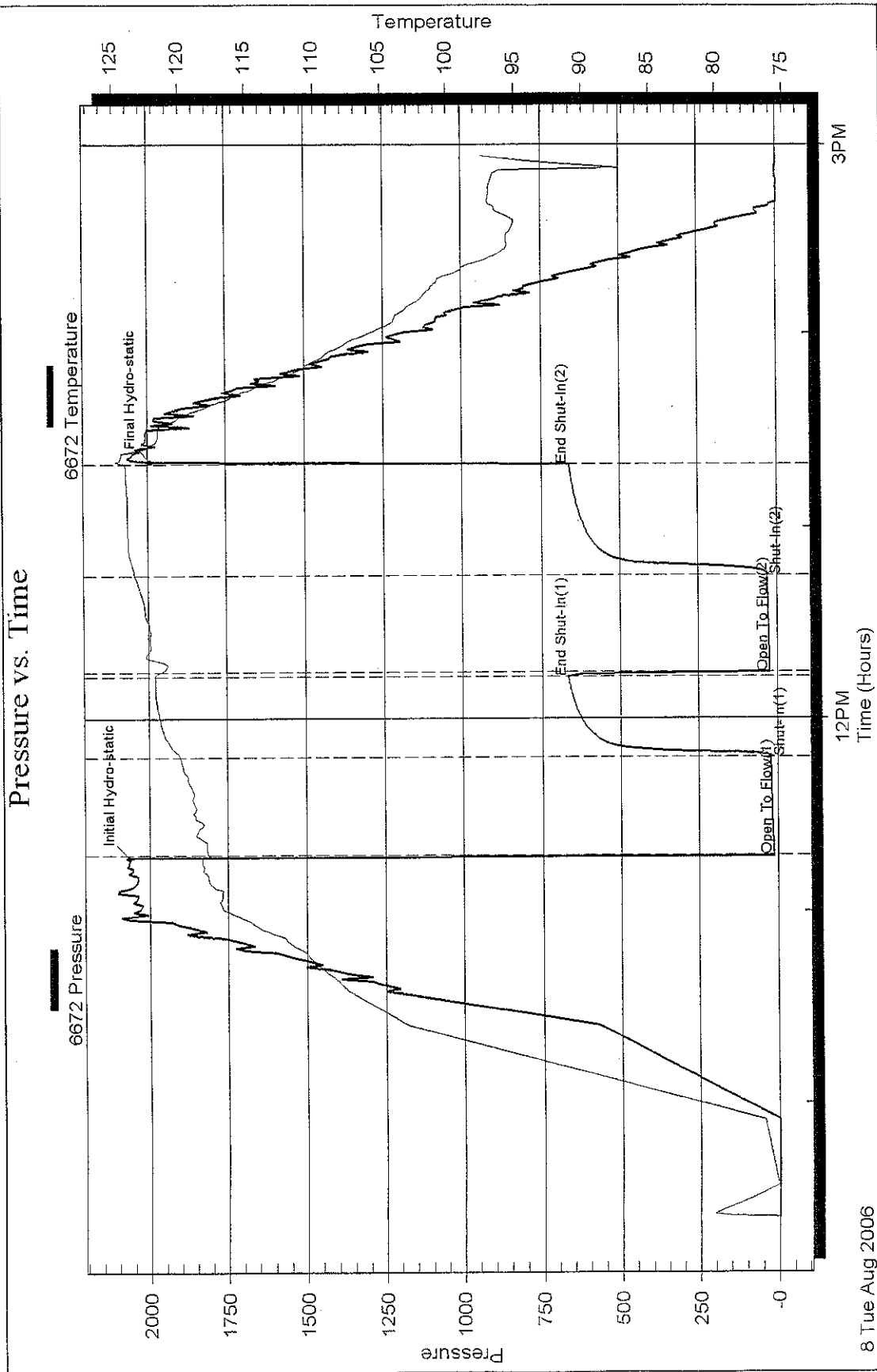
Serial #:

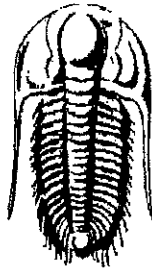
Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE  
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## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**4 19 28W Lane KS**

**Shapland 1-4**

Start Date: 2006.08.08 @ 22:48:03

End Date: 2006.08.09 @ 02:36:31

Job Ticket #: 24193                      DST #: 3

Trans Pacific Oil Corp

Shapland 1-4

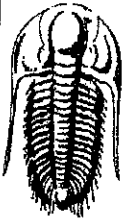
4 19 28W Lane KS

DST # 3

KC 180

2006.08.08

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



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Trans Pacific Oil Corp  
 100 S Main  
 Wichita KS 67202  
 ATTN: Mike Kidwell

**Shapland 1-4**  
**4 19 28W Lane KS**  
 Job Ticket: 24193      **DST#: 3**  
 Test Start: 2006.08.08 @ 22:48:03

**GENERAL INFORMATION:**

Formation: **KC 180**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 00:50:00  
 Time Test Ended: 02:36:31  
 Interval: **4247.00 ft (KB) To 4258.00 ft (KB) (TVD)**  
 Total Depth: **4258.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole  
 Tester: Michael  
 Unit No: 18  
 Reference Elevations: **2767.00 ft (KB)**  
                                  **2757.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

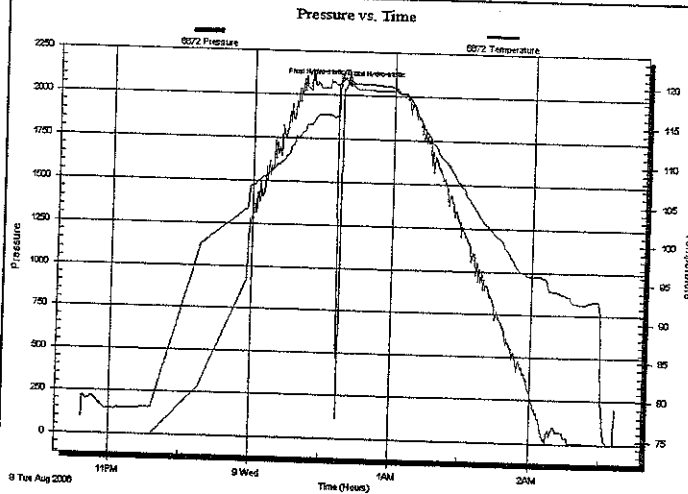
**Serial #: 6672**

Inside

Press@RunDepth:      psig @      4247.00 ft (KB)  
 Start Date:      2006.08.08      End Date:      2006.08.09  
 Start Time:      22:48:03      End Time:      02:36:31

Capacity:      7000.00 psig  
 Last Calib.:      2006.08.09  
 Time On Btm:      2006.08.09 @ 00:36:01  
 Time Off Btm:      2006.08.09 @ 00:40:31

TEST COMMENT: Mis-Run



**PRESSURE SUMMARY**

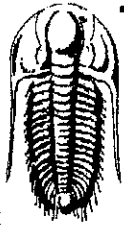
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2060.61	115.82	Initial Hydro-static
5	2065.28	120.90	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
250.00	Mud 100%M	3.51

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24193

**DST#: 3**

ATTN: Mike Kidwell

Test Start: 2006.08.08 @ 22:48:03

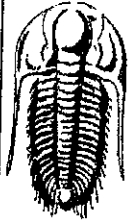
**Tool Information**

Drill Pipe:	Length: 4249.00 ft	Diameter: 3.80 inches	Volume: 59.60 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 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: 70000.00 lb
			<u>Total Volume: 59.60 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	4247.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4232.00	
Hydraulic tool	5.00			4237.00	
Packer	5.00			4242.00	20.00 Bottom Of Top Packer
Packer	5.00			4247.00	
Recorder	0.00	6672	Inside	4247.00	
Perforations	6.00			4253.00	
Recorder	0.00	11020	Inside	4253.00	
Bullnose	5.00			4258.00	11.00 Bottom Packers & Anchor

**Total Tool Length: 31.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24193

**DST#: 3**

ATTN: Mike Kidwell

Test Start: 2006.08.08 @ 22:48:03

**Mud and Cushion Information**

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.52 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 24000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
250.00	Mud 100%M	3.507

Total Length: 250.00 ft      Total Volume: 3.507 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

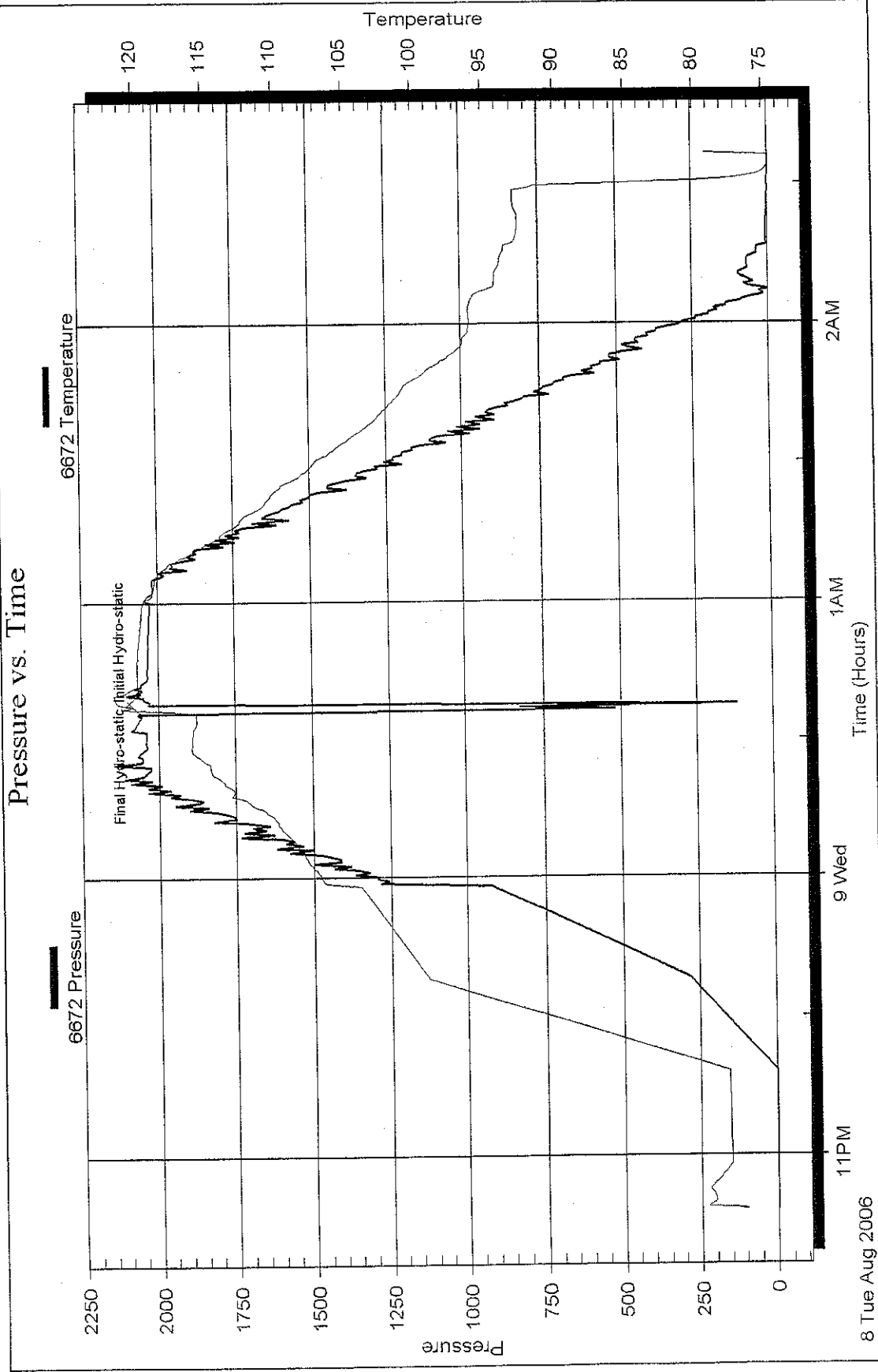
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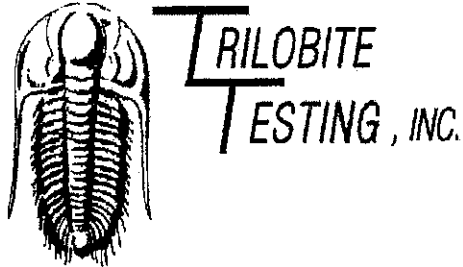
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**4 19 28W Lane KS**

**Shapland 1-4**

Start Date: 2006.08.09 @ 03:19:27

End Date: 2006.08.09 @ 10:03:40

Job Ticket #: 24194                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Trans Pacific Oil Corp

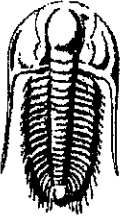
Shapland 1-4

4 19 28W Lane KS

DST # 4

KC 180

2006.08.09



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Trans Pacific Oil Corp

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**Shapland 1-4**

**4 19 28W Lane KS**

Job Ticket: 24194

DST#: 4

Test Start: 2006.08.09 @ 03:19:27

## GENERAL INFORMATION:

Formation: **KC 180**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:48:25

Time Test Ended: 10:03:40

Interval: **4226.00 ft (KB) To 4258.00 ft (KB) (TVD)**

Total Depth: 4258.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 18

Reference Elevations: 2767.00 ft (KB)

2757.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6672**

Inside

Press@RunDepth: 108.11 psig @ 4226.00 ft (KB)

Start Date: 2006.08.09

End Date:

2006.08.09

Start Time: 03:19:27

End Time:

10:03:40

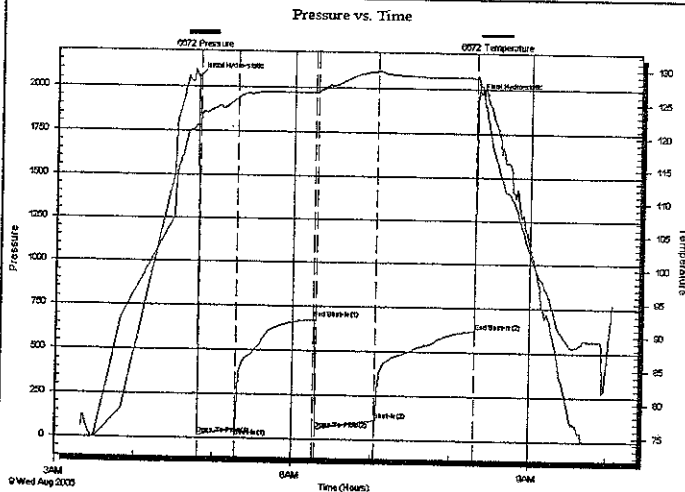
Capacity: 7000.00 psig

Last Calib.: 2006.08.09

Time On Btm: 2006.08.09 @ 04:47:25

Time Off Btm: 2006.08.09 @ 08:19:10

TEST COMMENT: IF Return blow to 1/2 in died to 1/4 in  
IS No return  
FF Return blow to 7 in  
ISI No return



## PRESSURE SUMMARY

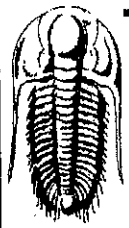
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2055.70	121.41	Initial Hydro-static
1	15.61	121.35	Open To Flow (1)
30	53.79	125.50	Shut-In(1)
89	679.16	126.45	End Shut-In(1)
90	57.33	126.24	Open To Flow (2)
136	108.11	129.71	Shut-In(2)
211	622.63	128.79	End Shut-In(2)
212	1954.37	129.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
75.00	MSW w/Oil spots 80%M 20%SW	1.05
120.00	Saltwater 100%SW	1.68

## Gas Rates

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



**TRIOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24194

**DST#: 4**

ATTN: Mike Kidwell

Test Start: 2006.08.09 @ 03:19:27

## Tool Information

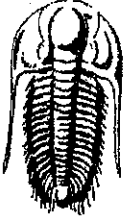
Drill Pipe:	Length: 4216.00 ft	Diameter: 3.80 inches	Volume: 59.14 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 59.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4226.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut in Tool	5.00			4211.00	
Hydraulic tool	5.00			4216.00	
Packer	5.00			4221.00	20.00 Bottom Of Top Packer
Packer	5.00			4226.00	
Recorder	0.00	6672	Inside	4226.00	
Perforations	27.00			4253.00	
Recorder	0.00	11020	Inside	4253.00	
Bullnose	5.00			4258.00	32.00 Bottom Packers & Anchor

**Total Tool Length: 52.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24194

**DST#: 4**

ATTN: Mike Kidwell

Test Start: 2006.08.09 @ 03:19:27

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.54 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 24000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	MSW w/Oil spots 80%M 20%SW	1.052
120.00	Saltwater 100%SW	1.683

Total Length: 195.00 ft

Total Volume: 2.735 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

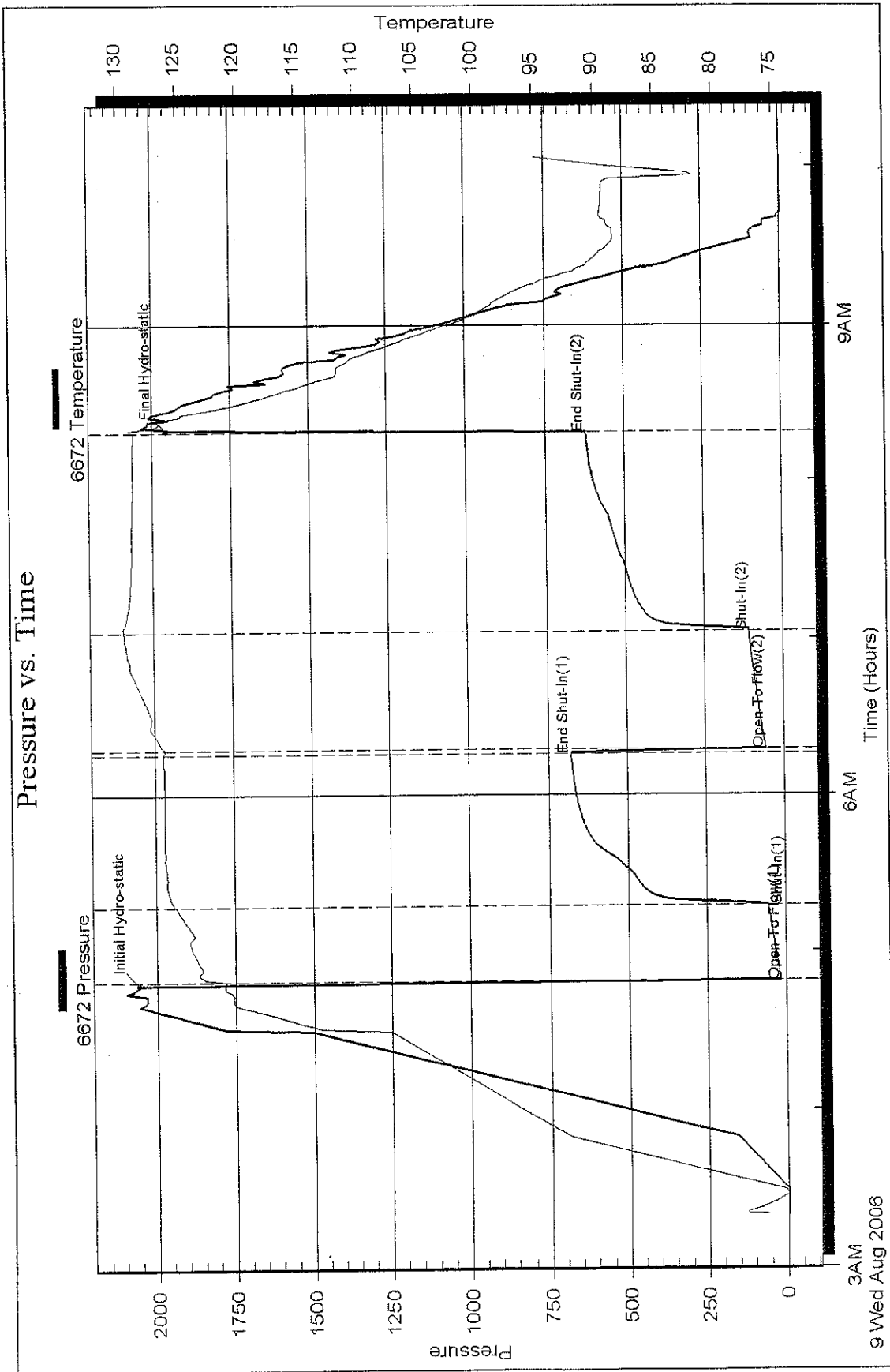
Serial #:

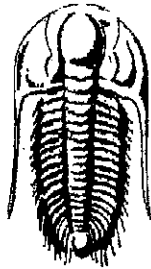
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





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

## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**4 19 28W Lane KS**

**Shapland 1-4**

Start Date: 2006.08.09 @ 20:17:53

End Date: 2006.08.10 @ 02:02:36

Job Ticket #: 24195                      DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Trans Pacific Oil Corp

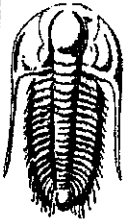
Shapland 1-4

4 19 28W Lane KS

DST # 5

KC, 200

2006.08.09



**TRIOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Trans Pacific Oil Corp

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**Shapland 1-4**

**4 19 28W Lane KS**

Job Ticket: 24195

**DST#: 5**

Test Start: 2006.08.09 @ 20:17:53

## GENERAL INFORMATION:

Formation: **KC, 200**

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

Time Tool Opened: **22:01:36**

Time Test Ended: **02:02:36**

Interval: **4265.00 ft (KB) To 4285.00 ft (KB) (TVD)**

Total Depth: **4285.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **18**

Reference Elevations: **2767.00 ft (KB)**

**2757.00 ft (CF)**

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

**Serial #: 6672**

**Inside**

Press@RunDepth: **32.79 psig @ 4265.00 ft (KB)**

Start Date: **2006.08.09**

End Date:

**2006.08.10**

Capacity: **7000.00 psig**

Last Calib.: **2006.08.10**

Start Time: **20:17:53**

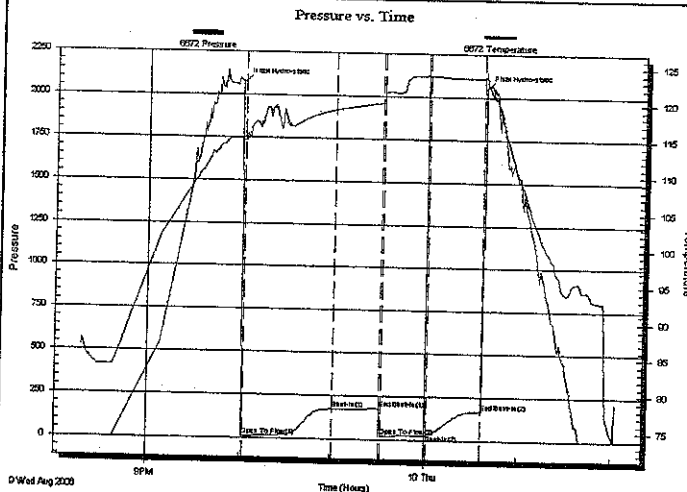
End Time:

**02:02:36**

Time On Btm: **2006.08.09 @ 22:00:36**

Time Off Btm: **2006.08.10 @ 00:37:36**

TEST COMMENT: IF Weak surface blow  
IS No return  
FF No return blow  
ISI No return



## PRESSURE SUMMARY

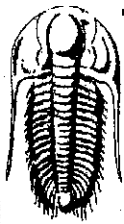
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.50	114.90	Initial Hydro-static
1	12.00	114.78	Open To Flow (1)
61	171.39	118.98	Shut-In (1)
91	176.34	120.01	End Shut-In (1)
92	22.95	121.23	Open To Flow (2)
121	32.79	123.85	Shut-In (2)
156	169.70	123.59	End Shut-In (2)
157	2046.31	124.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%M	0.21

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24195

**DST#: 5**

ATTN: Mike Kidwell

Test Start: 2006.08.09 @ 20:17:53

### Tool Information

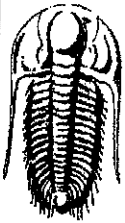
Drill Pipe:	Length: 4276.00 ft	Diameter: 3.80 inches	Volume: 59.98 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 59.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4265.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4250.00	
Hydraulic tool	5.00			4255.00	
Packer	5.00			4260.00	20.00 Bottom Of Top Packer
Packer	5.00			4265.00	
Recorder	0.00	6672	Inside	4265.00	
Perforations	15.00			4280.00	
Recorder	0.00	11020	Inside	4280.00	
Bullnose	5.00			4285.00	20.00 Bottom Packers & Anchor

**Total Tool Length: 40.00**



**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24195

**DST#: 5**

ATTN: Mike Kidwell

Test Start: 2006.08.09 @ 20:17:53

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.17 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%M	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

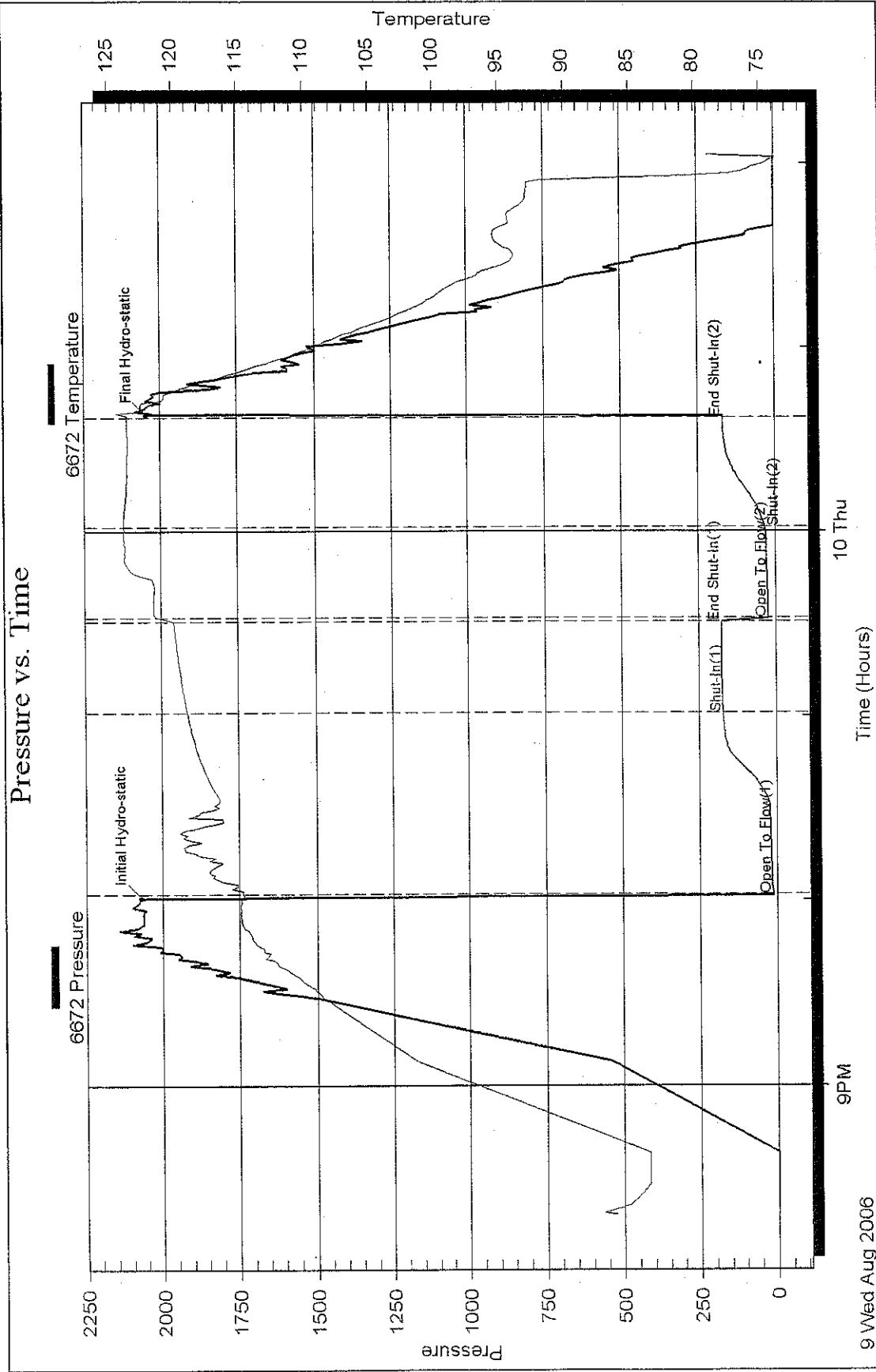
Serial #:

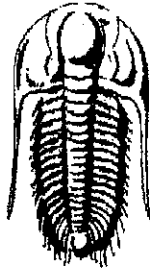
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**4 19 28W Lane KS**

**Shapland 1-4**

Start Date: 2006.08.10 @ 11:31:26

End Date: 2006.08.10 @ 18:46:54

Job Ticket #: 24196                      DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Trans Pacific Oil Corp

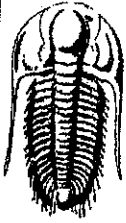
Shapland 1-4

4 19 28W Lane KS

DST # 6

KC, 220

2006.08.10



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Trans Pacific Oil Corp

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**Shapland 1-4**

**4 19 28W Lane KS**

Job Ticket: 24196

DST#: 6

Test Start: 2006.08.10 @ 11:31:26

## GENERAL INFORMATION:

Formation: **KC, 220**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 13:25:54  
 Time Test Ended: 18:46:54

Test Type: **Conventional Bottom Hole**  
 Tester: **Michael Shinn**  
 Unit No: **18**

Interval: **4292.00 ft (KB) To 4326.00 ft (KB) (TVD)**  
 Total Depth: **4326.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **2767.00 ft (KB)**  
**2757.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

**Serial #: 6672**

**Inside**

Press@RunDepth: **225.64 psig @ 4292.00 ft (KB)**

Start Date: **2006.08.10**

End Date:

**2006.08.10**

Capacity: **7000.00 psig**

Last Calib.: **2006.08.10**

Start Time: **11:31:26**

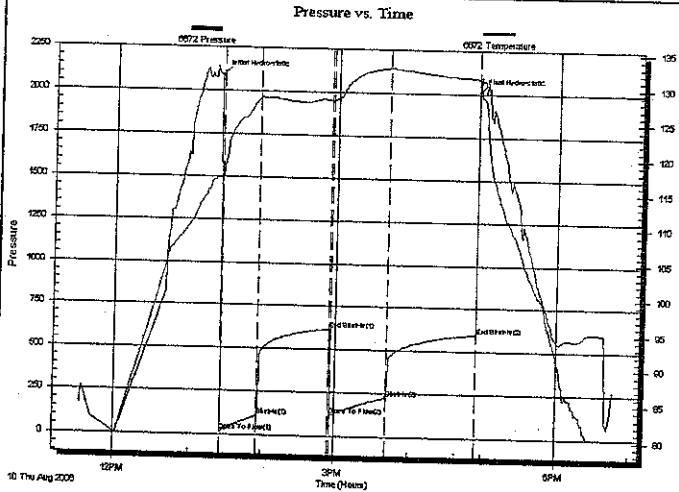
End Time:

**18:46:54**

Time On Btm: **2006.08.10 @ 13:24:39**

Time Off Btm: **2006.08.10 @ 16:55:09**

TEST COMMENT: IF BOB in 10 min  
 IS No return  
 FF BOB in 20 min  
 ISI No return



## PRESSURE SUMMARY

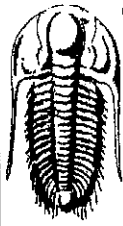
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.22	116.86	Initial Hydro-static
2	17.00	116.82	Open To Flow (1)
31	107.75	128.34	Shut-in (1)
91	619.24	127.93	End Shut-in (1)
92	114.76	128.25	Open To Flow (2)
137	225.64	132.80	Shut-in (2)
210	598.70	131.38	End Shut-in (2)
211	2007.52	131.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
445.00	Msw w/ oil spots 85m 15sw	6.24

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24196

**DST#: 6**

ATTN: Mike Kidwell

Test Start: 2006.08.10 @ 11:31:26

### Tool Information

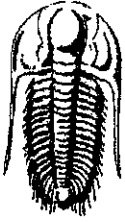
Drill Pipe:	Length: 4278.00 ft	Diameter: 3.80 inches	Volume: 60.01 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 60.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4292.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4277.00	
Hydraulic tool	5.00			4282.00	
Packer	5.00			4287.00	20.00 Bottom Of Top Packer
Packer	5.00			4292.00	
Recorder	0.00	6672	Inside	4292.00	
Perforations	29.00			4321.00	
Recorder	0.00	11020	Inside	4321.00	
Bullnose	5.00			4326.00	34.00 Bottom Packers & Anchor

**Total Tool Length: 54.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24196

**DST#: 6**

ATTN: Mike Kidwell

Test Start: 2006.08.10 @ 11:31:26

### 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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
445.00	Msw w/ oil spots 85m 15sw	6.242

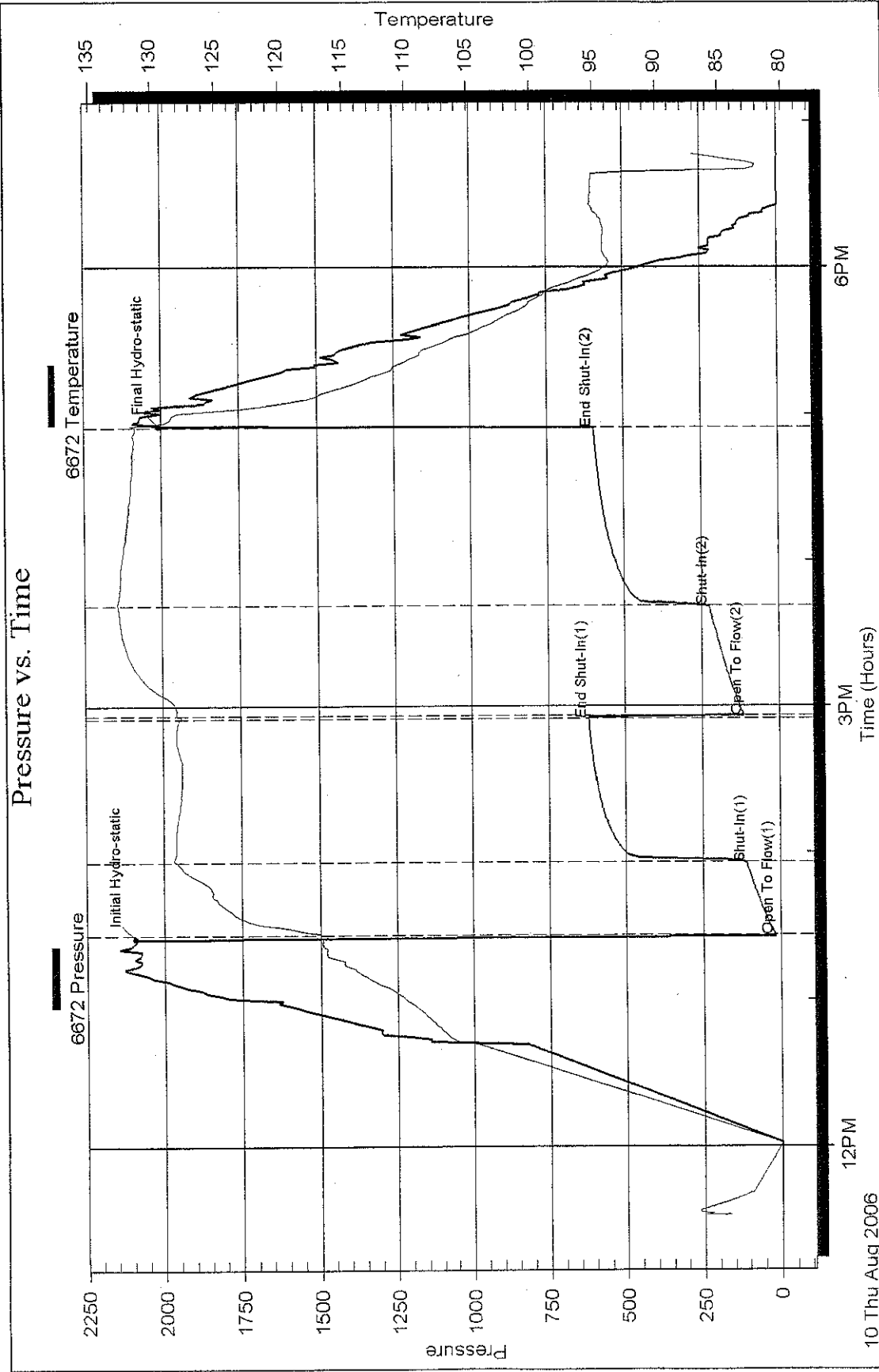
Total Length: 445.00 ft      Total Volume: 6.242 bbl

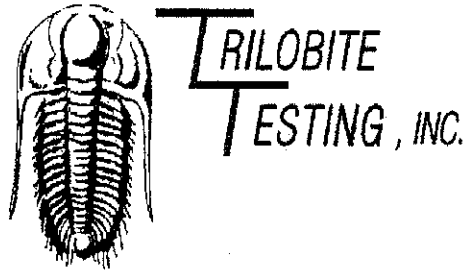
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S Main  
Wichita KS 67202

ATTN: Mike Kidwell

**4 19 28W Lane KS**

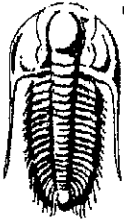
**Shapland 1-4**

Start Date: 2006.08.11 @ 05:05:04

End Date: 2006.08.11 @ 12:55:47

Job Ticket #: 24197                      DST #: 7

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

ATTN: Mike Kidwell

Job Ticket: 24197

DST#: 7

Test Start: 2006.08.11 @ 05:05:04

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:48:02

Time Test Ended: 12:55:47

Test Type: Conventional Bottom Hole

Tester: Michael

Unit No: 18

Interval: **4344.00 ft (KB) To 4384.00 ft (KB) (TVD)**

Total Depth: 4384.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2767.00 ft (KB)

2757.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6672**

Inside

Press@RunDepth: 28.00 psig @ 4344.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.08.11 End Date: 2006.08.11

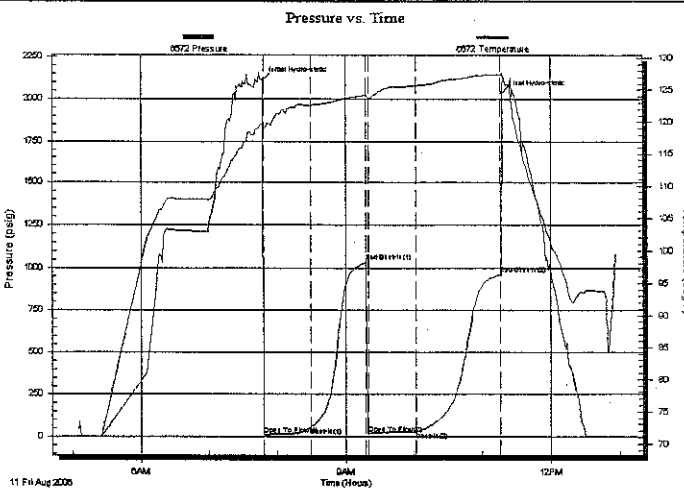
Last Calib.: 2006.08.11

Start Time: 05:05:04 End Time: 12:55:47

Time On Btm: 2006.08.11 @ 07:47:17

Time Off Btm: 2006.08.11 @ 11:17:02

TEST COMMENT: IF Return blow to 2 1/2 in  
IS No return  
FF Return blow to 6 1/2 in  
ISI No return



## PRESSURE SUMMARY

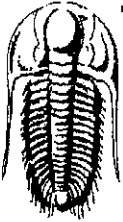
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.74	119.59	Initial Hydro-static
1	12.75	119.16	Open To Flow (1)
41	56.45	122.60	Shut-In(1)
91	1034.10	124.15	End Shut-In(1)
93	19.69	123.80	Open To Flow (2)
135	28.00	125.68	Shut-In(2)
209	962.11	127.36	End Shut-In(2)
210	2036.33	127.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 10%G 60%G 30%M	0.84
120.00	Gas	1.68

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

ATTN: Mike Kidwell

Job Ticket: 24197

**DST#: 7**

Test Start: 2006.08.11 @ 05:05:04

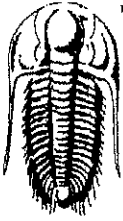
**Tool Information**

Drill Pipe:	Length: 4345.00 ft	Diameter: 3.80 inches	Volume: 60.95 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 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
			<u>Total Volume: 60.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4344.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4329.00	
Hydraulic tool	5.00			4334.00	
Packer	5.00			4339.00	20.00 Bottom Of Top Packer
Packer	5.00			4344.00	
Recorder	0.00	6672	inside	4344.00	
Perforations	35.00			4379.00	
Recorder	0.00	11020	inside	4379.00	
Bullnose	5.00			4384.00	40.00 Bottom Packers & Anchor

**Total Tool Length: 60.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Trans Pacific Oil Corp

**Shapland 1-4**

100 S Main  
Wichita KS 67202

**4 19 28W Lane KS**

Job Ticket: 24197

**DST#: 7**

ATTN: Mike Kidwell

Test Start: 2006.08.11 @ 05:05:04

**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: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
60.00	GOCM 10%G 60%G 30%M	0.842
120.00	Gas	1.683

Total Length: 180.00 ft      Total Volume: 2.525 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

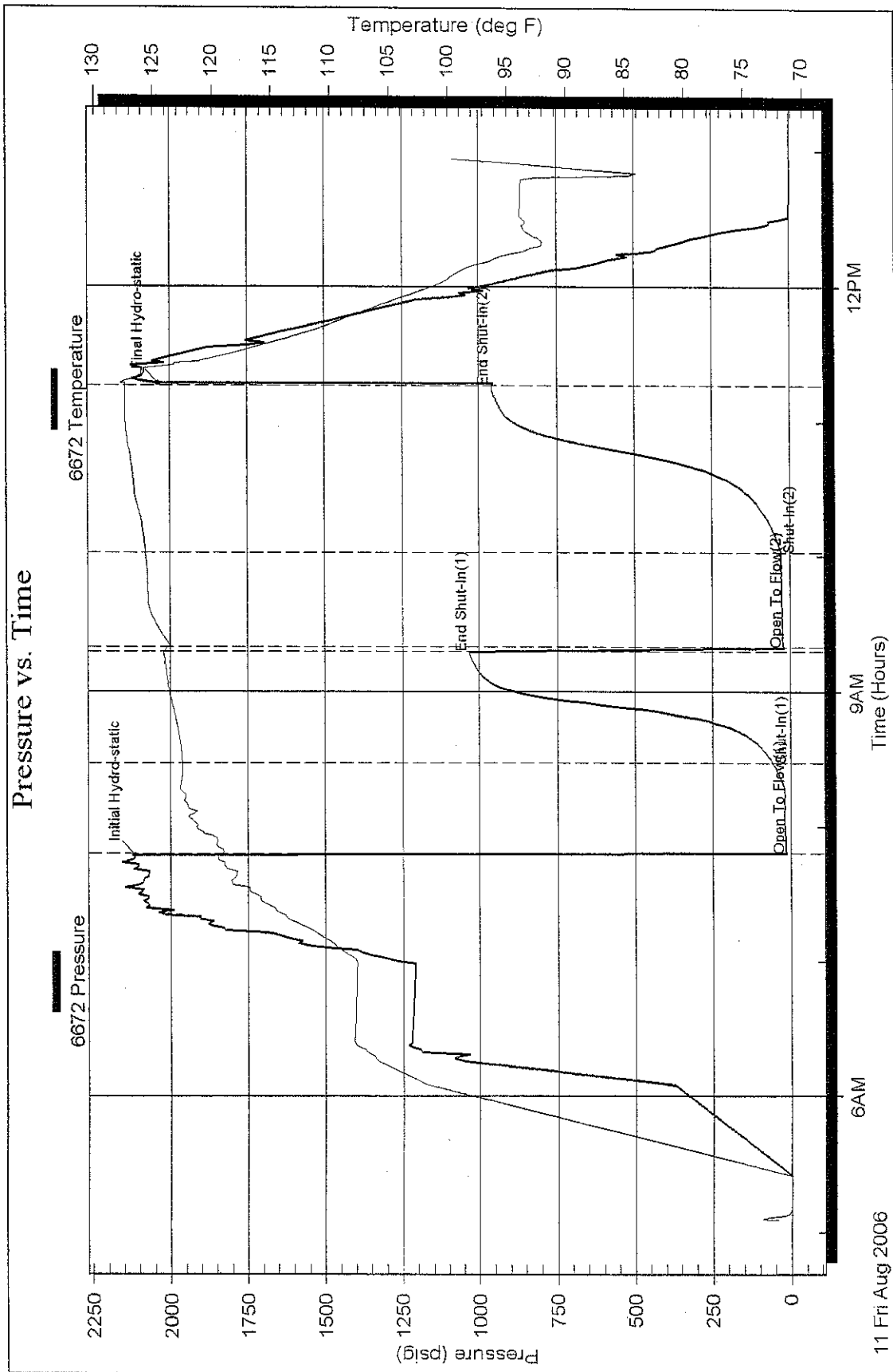
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



11 Fri Aug 2006

6AM

9AM

12PM

Time (Hours)

