

DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Co**

100 S Main
Wichita KS 67202

ATTN: Mike Kidwell

11 19 28 Lane KS

Sleeper A #1-11

Start Date: 2006.08.21 @ 09:13:43

End Date: 2006.08.21 @ 16:41:11

Job Ticket #: 25680 DST #: 1

KCC
OCT 23 2006
CONFIDENTIAL

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 Co

Sleeper A #1-11

100 S Main
Wichita KS 67202

11 19 28 Lane KS

ATTN: Mike Kidwell

Job Ticket: 25680

DST#: 1

Test Start: 2006.08.21 @ 09:13:43

GENERAL INFORMATION:

Formation: **KC, 200**

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

Time Tool Opened: 10:55:56

Time Test Ended: 16:41:11

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **18**

Interval: **4288.00 ft (KB) To 4312.00 ft (KB) (TVD)**

Total Depth: **4312.00 ft (KB) (TVD)**

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

Reference Elevations: **2790.00 ft (KB)**

2780.00 ft (CF)

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

Serial #: 6672

Inside

Press@RunDepth: **210.99 psig @ 4288.00 ft (KB)**

Start Date: **2006.08.21**

End Date:

2006.08.21

Capacity:

7000.00 psig

Start Time: **09:13:43**

End Time:

16:41:11

Last Calib.:

2006.08.21

Time On Btm

2006.08.21 @ 10:54:56

Time Off Btm

2006.08.21 @ 14:22:56

TEST COMMENT:

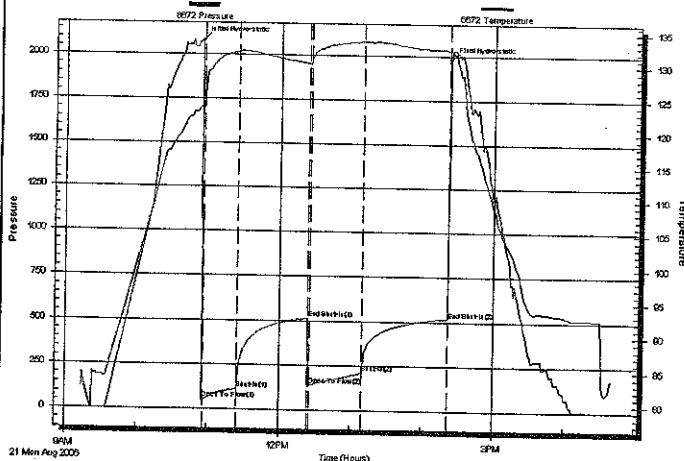
IF BOB in 3 min

IS Return blow to 2 1/2 in.

FF BOB in 5 min.

ISI Return blow to 3 1/2 in died to 2 in.

Pressure vs. Time



PRESSURE SUMMARY

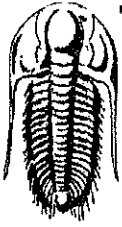
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.04	124.01	Initial Hydro-static
1	53.32	124.23	Open To Flow (1)
30	113.09	131.97	Shut-In(1)
89	515.89	130.27	End Shut-In(1)
91	138.84	130.56	Open To Flow (2)
135	210.99	133.66	Shut-In(2)
208	517.04	132.42	End Shut-In(2)
208	1978.22	132.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MSW 80%M 20%SW	0.84
160.00	OcM 80%O 20%M	2.24
490.00	Free Oil	6.87
660.00	Gas	9.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Co

Sleeper A #1-11

100 S Main
Wichita KS 67202

11 19 28 Lane KS

Job Ticket: 25680

DST#: 1

ATTN: Mike Kidwell

Test Start: 2006.08.21 @ 09:13:43

Tool Information

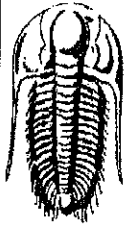
Drill Pipe:	Length: 4283.00 ft	Diameter: 3.80 inches	Volume: 60.08 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4288.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4273.00	
Hydraulic tool	5.00			4278.00	
Packer	5.00			4283.00	20.00 Bottom Of Top Packer
Packer	5.00			4288.00	
Recorder	0.00	6672	Inside	4288.00	
Perforations	19.00			4307.00	
Recorder	0.00	11020	Inside	4307.00	
Bullnose	5.00			4312.00	24.00 Bottom Packers & Anchor

Total Tool Length: 44.00



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Wichita KS 67202

11 19 28 Lane KS

Job Ticket: 25680

DST#: 1

ATTN: Mike Kidwell

Test Start: 2006.08.21 @ 09:13:43

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:

bbf

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	MSW 80%M 20%SW	0.842
160.00	OcM 80%O 20%M	2.244
490.00	Free Oil	6.873
660.00	Gas	9.258

Total Length: 1370.00 ft

Total Volume: 19.217 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6672

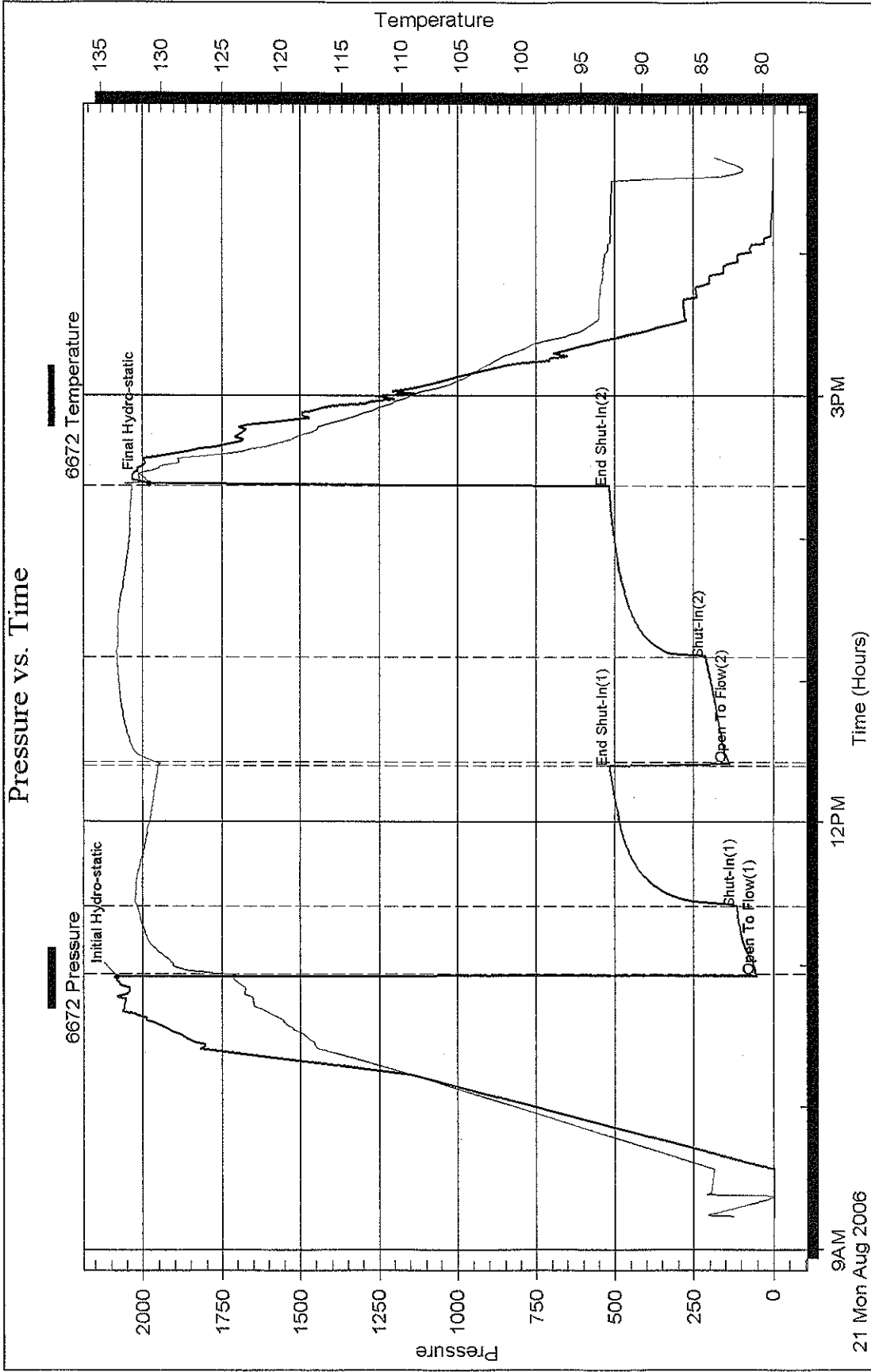
Inside

Trans Pacific Oil Co

11 19 28 Lane KS

DST Test Number: 1

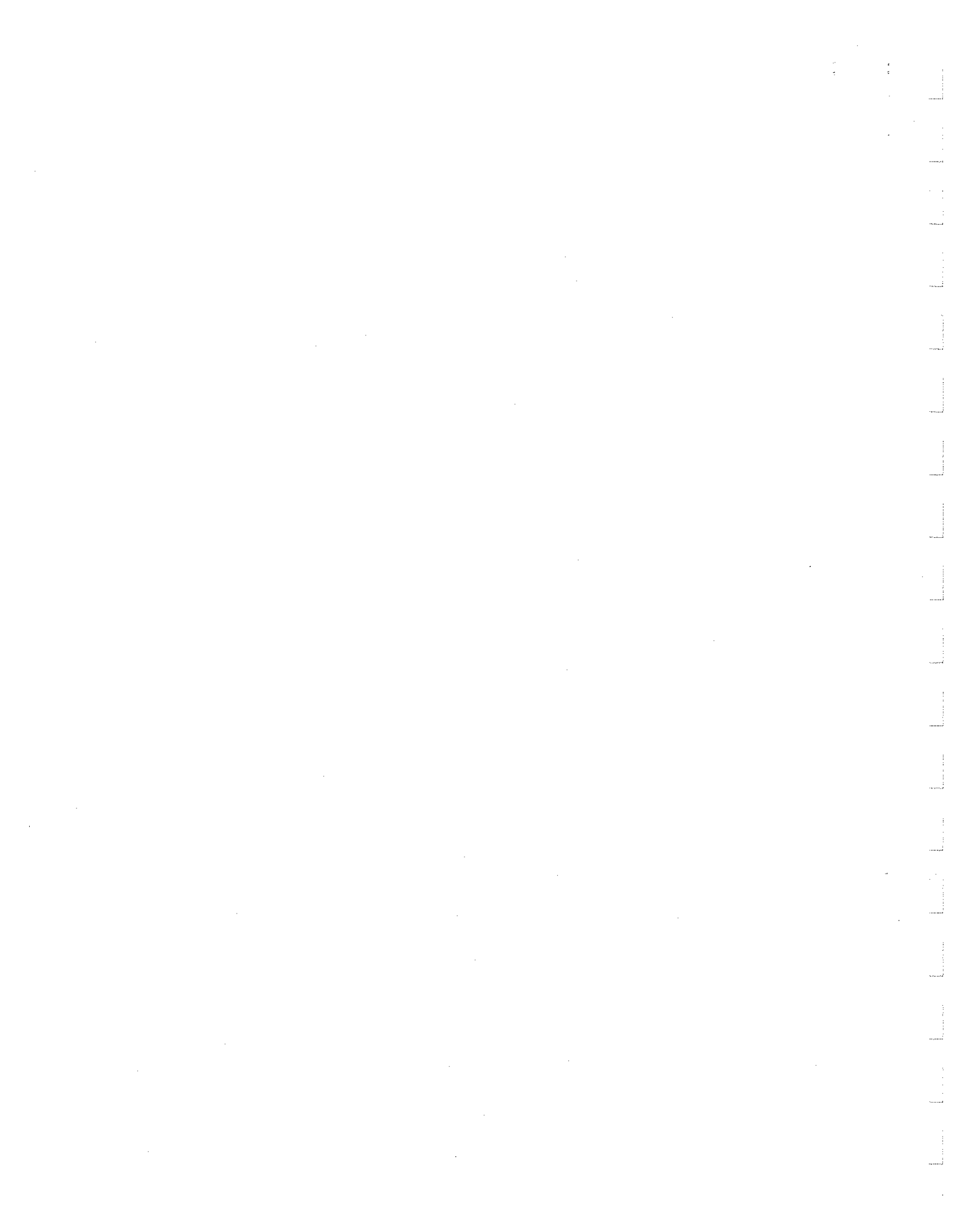
Pressure vs. Time

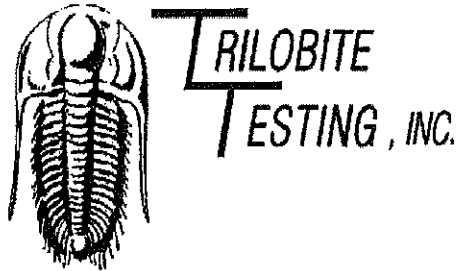


9 AM
21 Mon Aug 2006

12 PM

3 PM





DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Co**

100 S Main
Wichita KS 67202

ATTN: Mike Kidwell

11 19 28 Lane KS

Sleeper A #1-11

Start Date: 2006.08.22 @ 01:37:15

End Date: 2006.08.22 @ 09:22:58

Job Ticket #: 25681 DST #: 2

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

Trans Pacific Oil Co

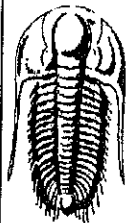
Sleeper A #1-11

11 19 28 Lane KS

DST # 2

KC, 220

2006.08.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Trans Pacific Oil Co

100 S Main
Wichita KS 67202

ATTN: Mike Kidwell

Sleeper A #1-11

11 19 28 Lane KS

Job Ticket: 25681

DST#: 2

Test Start: 2006.08.22 @ 01:37:15

GENERAL INFORMATION:

Formation: **KC, 220**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:33:13

Time Test Ended: 09:22:58

Test Type: Conventional Bottom Hole

Tester: Michael

Unit No: 18

Interval: **4327.00 ft (KB) To 4348.00 ft (KB) (TVD)**

Total Depth: **4348.00 ft (KB) (TVD)**

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

Reference Elevations: **2790.00 ft (KB)**

2780.00 ft (CF)

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

Serial #: 6672

Inside

Press@RunDepth: **17.07 psig @ 4327.00 ft (KB)**

Start Date: **2006.08.22**

End Date:

2006.08.22

Start Time: **01:37:15**

End Time:

09:22:58

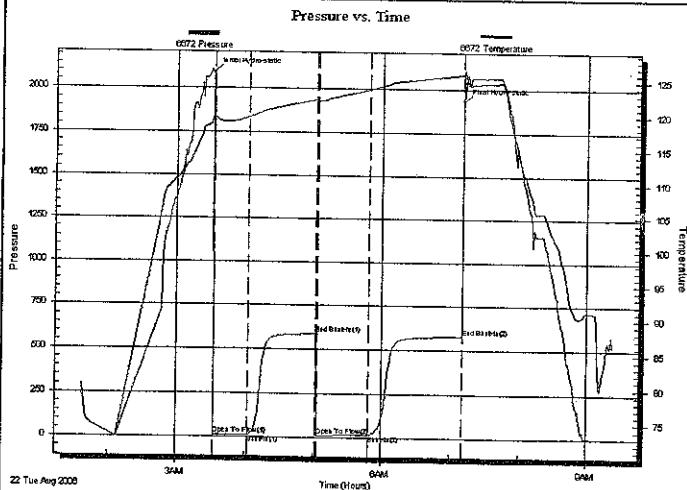
Capacity: **7000.00 psig**

Last Calib.: **2006.08.22**

Time On Btm: **2006.08.22 @ 03:32:28**

Time Off Btm: **2006.08.22 @ 07:10:58**

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



PRESSURE SUMMARY

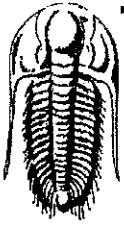
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.56	119.75	Initial Hydro-static
1	12.11	119.62	Open To Flow (1)
30	13.87	119.67	Shut-In(1)
90	586.69	122.28	End Shut-In(1)
91	15.10	122.06	Open To Flow (2)
137	17.07	123.80	Shut-In(2)
218	577.59	126.02	End Shut-In(2)
219	1932.40	126.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%M	0.07

Gas Rates

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



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TOOL DIAGRAM

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Job Ticket: 25681

DST#: 2

ATTN: Mike Kidwell

Test Start: 2006.08.22 @ 01:37:15

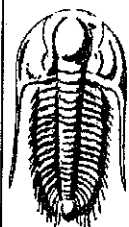
Tool Information

Drill Pipe:	Length: 4311.00 ft	Diameter: 3.80 inches	Volume: 60.47 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: 74000.00 lb
			Total Volume: 60.47 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4327.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter:	inches	
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4312.00	
Hydraulic tool	5.00			4317.00	
Packer	5.00			4322.00	20.00 Bottom Of Top Packer
Packer	5.00			4327.00	
Recorder	0.00	6672	Inside	4327.00	
Perforations	16.00			4343.00	
Recorder	0.00	11020	Inside	4343.00	
Bullnose	5.00			4348.00	21.00 Bottom Packers & Anchor

Total Tool Length: 41.00



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Job Ticket: 25681

DST#: 2

ATTN: Mike Kidwell

Test Start: 2006.08.22 @ 01:37:15

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:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.070

Total Length:

5.00 ft

Total Volume:

0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6672

Inside

Trans Pacific Oil Co

11 19 28 Lane KS

DST Test Number: 2

Pressure vs. Time

