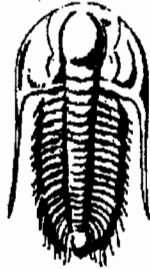


15-051-25246

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 19 2003

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For **Trans Pacific Oil**
RELEASED FROM CONFIDENTIAL
100 S. Main
Wichita, KS 67202

Trans Pacific Oil

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.17 @ 16:08:31

End Date: 2003.09.17 @ 22:21:01

Job Ticket #: 18669 DST #: 1

CONFIDENTIAL

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

Trans Pacific Oil

#1-7 Cave

7-11s-18w Ellis KS

DST # 1

Lower Topeka

2003.09.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

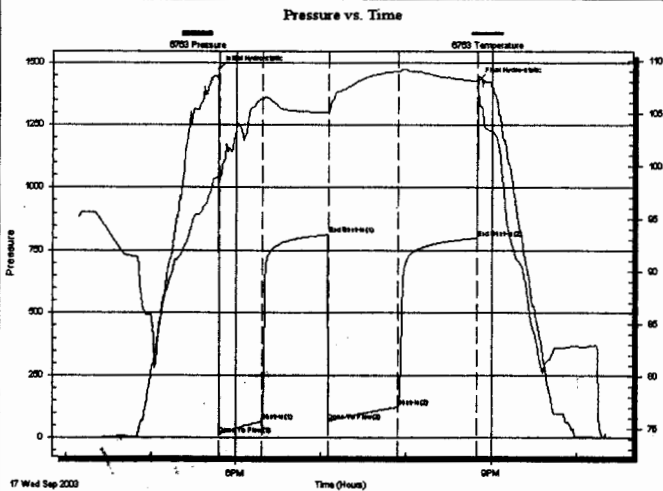
#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18669 **DST#: 1**
Test Start: 2003.09.17 @ 16:08:31

GENERAL INFORMATION:

Formation: **Lower Topeka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:48:01
Time Test Ended: 22:21:01
Interval: **3056.00 ft (KB) To 3078.00 ft (KB) (TVD)**
Total Depth: 3078.00 ft (KB) (TVD)
Hole Diameter: 6.80 inches Hole Condition: Good
Reference Elevations: 2005.00 ft (KB)
2000.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 24

Serial #: 6753 **Inside**
Press@RunDepth: 122.39 psig @ 3057.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2003.09.17 End Date: 2003.09.17 Last Calib.: 1899.12.30
Start Time: 16:08:33 End Time: 22:21:01 Time On Btm: 2003.09.17 @ 17:47:46
Time Off Btm: 2003.09.17 @ 20:50:16

TEST COMMENT: FFP- Weak Blow ,Built to 5", No Blow back
FFP- Weak Blow , Built to 1", No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1472.07	99.22	Initial Hydro-static
1	11.50	98.83	Open To Flow (1)
31	66.69	106.43	Shut-in(1)
78	813.25	105.07	End Shut-in(1)
78	67.29	105.02	Open To Flow (2)
127	122.39	109.00	Shut-in(2)
183	799.00	108.09	End Shut-in(2)
183	1427.13	108.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	Water	0.64
60.00	Oil Cut Muddy Water 1/2% Oil	0.30
50.00	Oil Cut Mud W/Free Oil at top 2%Oil	0.25

Gas Rates

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18669 **DST#: 1**
Test Start: 2003.09.17 @ 16:08:31

Tool Information

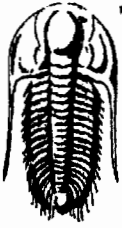
Drill Pipe:	Length: 2705.00 ft	Diameter: 3.80 inches	Volume: 37.94 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 39.64 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3056.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	45.00 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			3034.00	
Shut In Tool	5.00			3039.00	
Hydraulic tool	5.00			3044.00	
Safety Joint	2.00			3046.00	
Packer	5.00			3051.00	23.00 Bottom Of Top Packer
Packer	5.00			3056.00	
Stubb	1.00			3057.00	
Recorder	0.00	6753	Inside	3057.00	
Perforations	18.00			3075.00	
Recorder	0.00	13252	Outside	3075.00	
Bullnose	3.00			3078.00	22.00 Bottom Packers & Anchor

Total Tool Length: 45.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18669 **DST#: 1**
Test Start: 2003.09.17 @ 16:08:31

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:	57000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.16 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	Water	0.639
60.00	Oil Cut Muddy Water 1/2% Oil	0.295
50.00	Oil Cut Mud W/Free Oil at top 2%Oil	0.246

Total Length: 240.00 ft Total Volume: 1.180 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Oil Too Thick to Check Gravity

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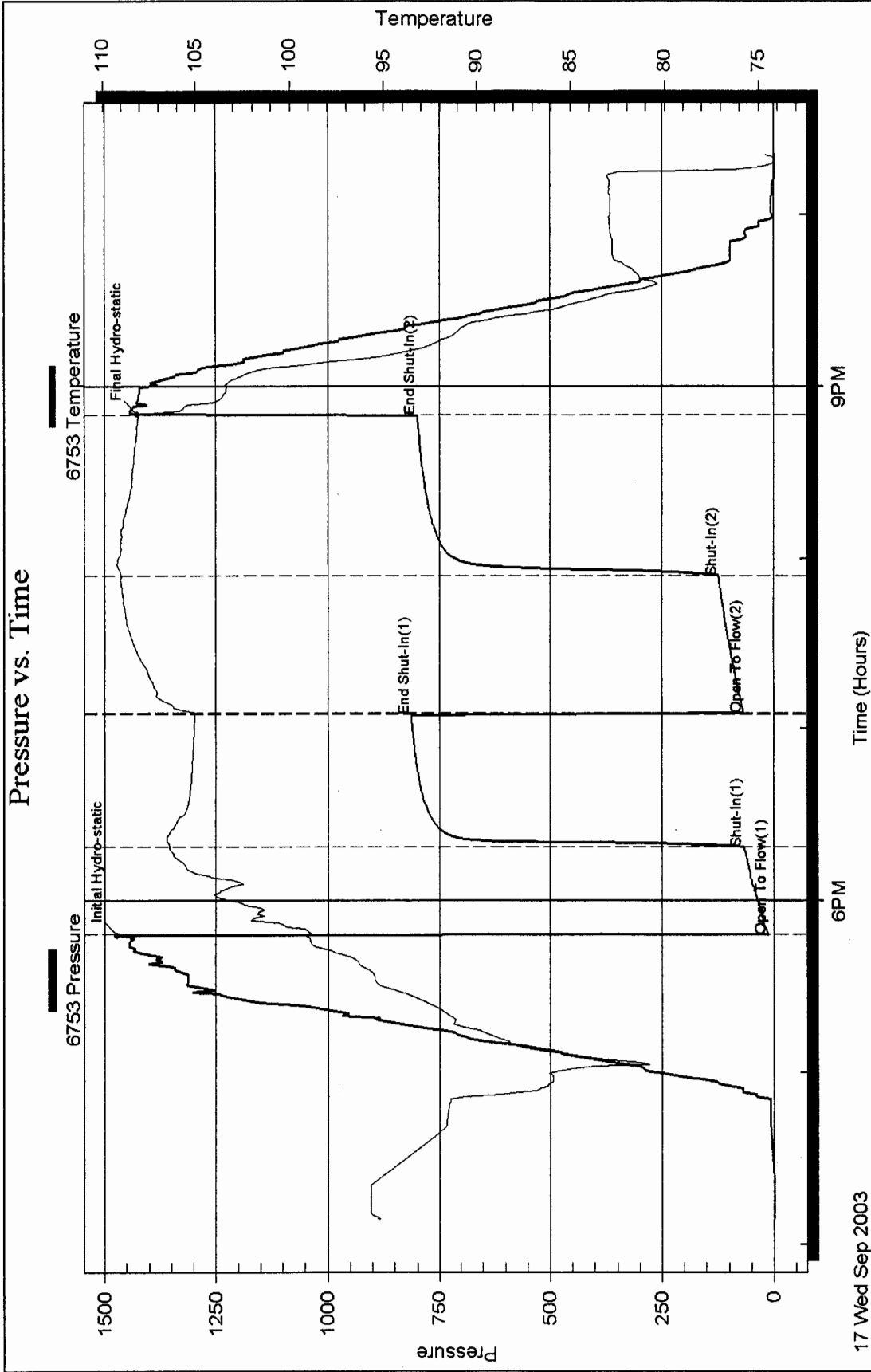
Serial #: 6753

Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 1

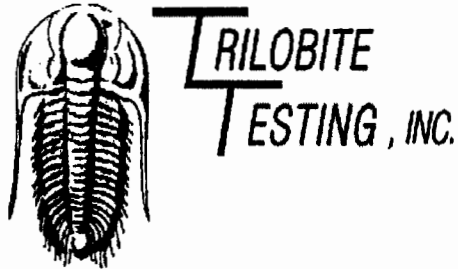


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Trilobite Testing, Inc

Ref. No: 18669

Printed: 2003.09.24 @ 13:25:26 Page 5



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil**

100 S. Main
Suite 200
Wichita, KS 67202

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.18 @ 06:24:05

End Date: 2003.09.18 @ 12:42:05

Job Ticket #: 18670 . DST #: 2

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

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS

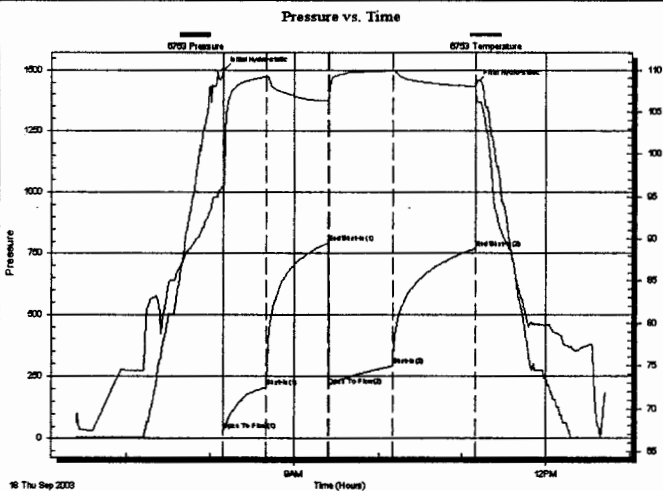
Job Ticket: 18670 **DST#: 2**
Test Start: 2003.09.18 @ 06:24:05

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:09:35
 Time Test Ended: 12:42:05
 Interval: **3078.00 ft (KB) To 3112.00 ft (KB) (TVD)**
 Total Depth: 3112.00 ft (KB) (TVD)
 Hole Diameter: 6.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 24
 Reference Elevations: 2005.00 ft (KB)
 2000.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6753 **Inside**
 Press@RunDepth: 292.39 psig @ 3079.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2003.09.18 End Date: 2003.09.18 Last Calib.: 1899.12.30
 Start Time: 06:24:07 End Time: 12:42:05 Time On Btm: 2003.09.18 @ 08:09:20
 Time Off Btm: 2003.09.18 @ 11:10:05

TEST COMMENT: FFP-Good Blow , BOB in 6 min, Weak Surface Blow back
 FFP-Good Blow , BOB in 13 min, Weak Surface Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1499.31	96.31	Initial Hydro-static
1	31.86	95.94	Open To Flow (1)
31	206.21	109.19	Shut-In(1)
75	794.59	106.28	End Shut-In(1)
76	212.52	106.15	Open To Flow (2)
121	292.39	109.95	Shut-In(2)
181	769.77	108.03	End Shut-In(2)
181	1444.16	107.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
555.00	Muddy Water	4.63
5.00	Oil	0.07

Gas Rates

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS

Job Ticket: 18670 **DST#: 2**

Test Start: 2003.09.18 @ 06:24:05

Tool Information

Drill Pipe:	Length: 2729.00 ft	Diameter: 3.80 inches	Volume: 38.28 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 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: lb
			<u>Total Volume: 39.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3078.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	57.00 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			3056.00	
Shut In Tool	5.00			3061.00	
Hydraulic tool	5.00			3066.00	
Safety Joint	2.00			3068.00	
Packer	5.00			3073.00	23.00 Bottom Of Top Packer
Packer	5.00			3078.00	
Stubb	1.00			3079.00	
Recorder	0.00	6753	Inside	3079.00	
Perforations	30.00			3109.00	
Recorder	0.00	13252	Outside	3109.00	
Bullnose	3.00			3112.00	34.00 Bottom Packers & Anchor
Total Tool Length:		57.00			

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS
Job Ticket: 18670 **DST#: 2**
Test Start: 2003.09.18 @ 06:24:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 60000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.15 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
555.00	Muddy Water	4.633
5.00	Oil	0.070

Total Length: 560.00 ft Total Volume: 4.703 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

CONFIDENTIAL

Serial #: 6753

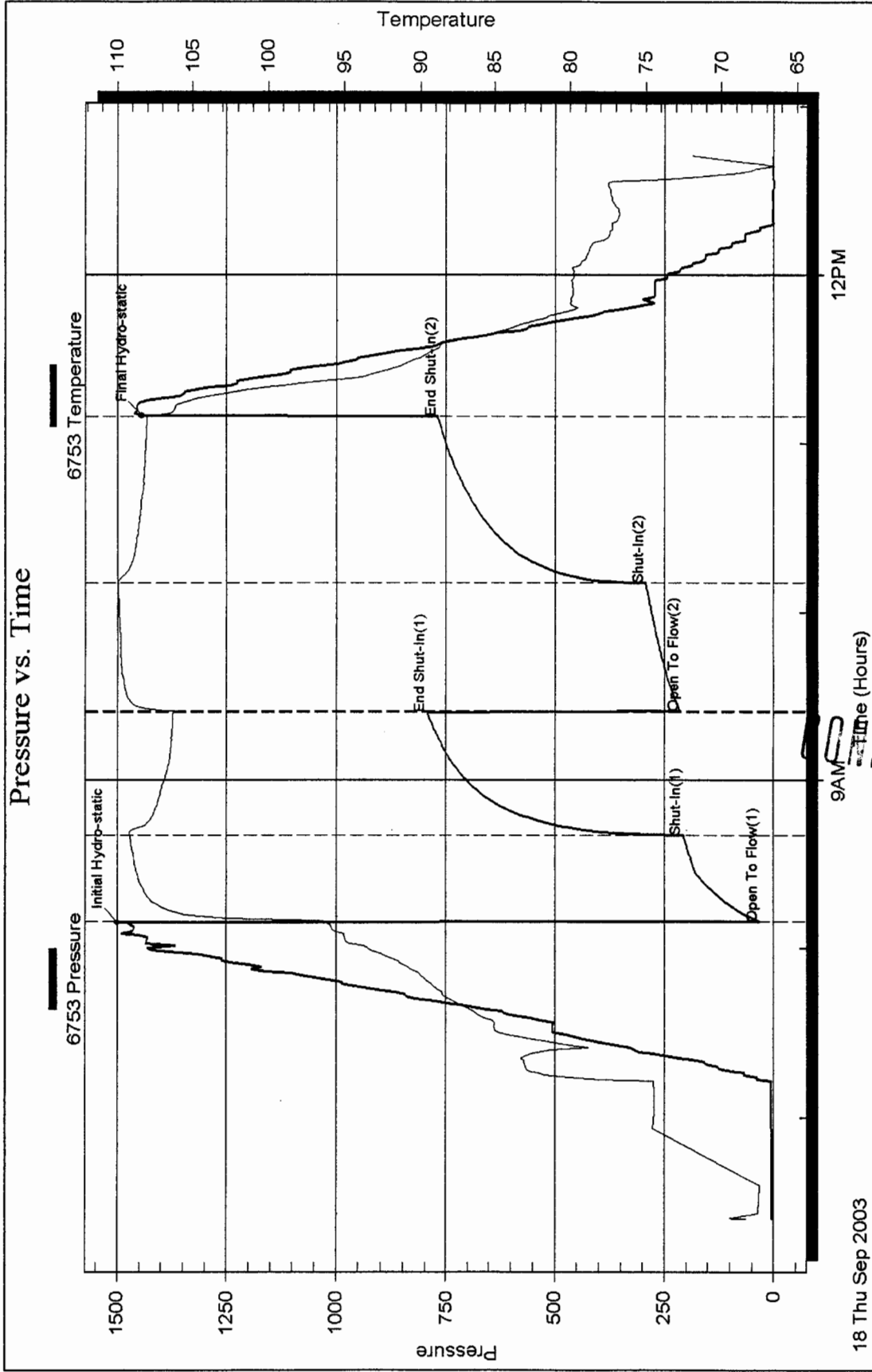
Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 2

Pressure vs. Time

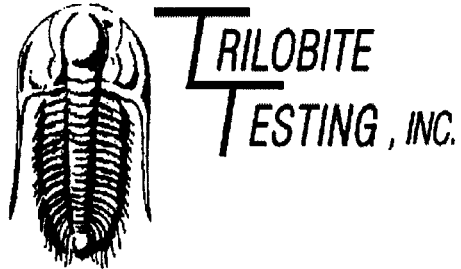


18 Thu Sep 2003

9AM Time (Hours)

12PM

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DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil**

100 S. Main
Suite 200
Wichita, KS 67202

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.19 @ 02:52:35

End Date: 2003.09.19 @ 09:11:20

Job Ticket #: 18671 DST #: 3

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

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS

Job Ticket: 18671

DST#: 3

Test Start: 2003.09.19 @ 02:52:35

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:13:05

Time Test Ended: 09:11:20

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: 3172.00 ft (KB) To 3200.00 ft (KB) (TVD)

Reference Elevations: 2005.00 ft (KB)

Total Depth: 3200.00 ft (KB) (TVD)

2000.00 ft (CF)

Hole Diameter: 6.80 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6753

Inside

Press@RunDepth: 157.01 psig @ 3173.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.09.19

End Date: 2003.09.19

Last Calib.: 1899.12.30

Start Time: 02:52:37

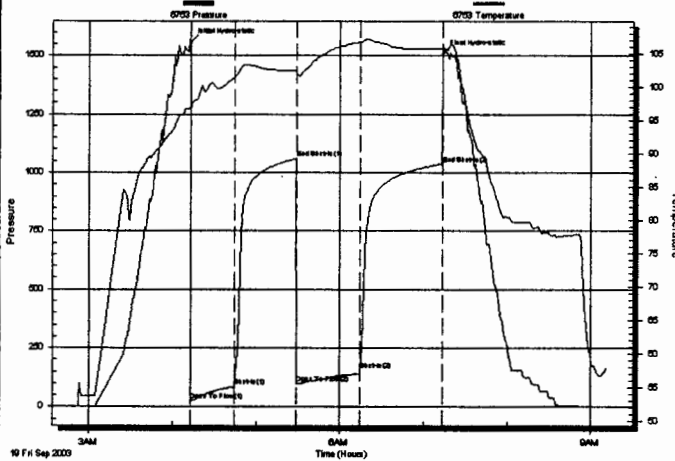
End Time: 09:11:20

Time On Btrm: 2003.09.19 @ 04:12:50

Time Off Btrm: 2003.09.19 @ 07:13:35

TEST COMMENT: IFF-Good Blow ,BOB in 19 min, Blow back Built to 1/2" in 18 min.
FFF-Good Blow ,BOB in 15 min, Blow back Built to 1/4" in 20 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1557.71	96.91	Initial Hydro-static
1	24.55	96.56	Open To Flow (1)
32	89.30	101.36	Shut-In(1)
76	1059.05	102.39	End Shut-In(1)
77	99.62	102.00	Open To Flow (2)
122	157.01	106.63	Shut-In(2)
181	1038.42	105.67	End Shut-In(2)
181	1507.36	105.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	Gassy Oil 75% Oil	1.48
30.00	Heavy Oil Cut Mud 60% Oil	0.15
150.00	Gas in Pipe	1.96

Gas Rates

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ells KS
Job Ticket: 18671 **DST#: 3**
Test Start: 2003.09.19 @ 02:52:35

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: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.95 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	Gassy Oil 75% Oil	1.475
30.00	Heavy Oil Cut Mud 60% Oil	0.148
150.00	Gas in Pipe	1.958

Total Length: 480.00 ft Total Volume: 3.581 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18671 **DST#: 3**
Test Start: 2003.09.19 @ 02:52:35

Tool Information

Drill Pipe:	Length: 2827.00 ft	Diameter: 3.80 inches	Volume: 39.66 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 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: 41.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3172.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	51.00 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			3150.00	
Shut In Tool	5.00			3155.00	
Hydraulic tool	5.00			3160.00	
Safety Joint	2.00			3162.00	
Packer	5.00			3167.00	23.00 Bottom Of Top Packer
Packer	5.00			3172.00	
Stubb	1.00			3173.00	
Recorder	0.00	6753	Inside	3173.00	
Perforations	24.00			3197.00	
Recorder	0.00	13252	Outside	3197.00	
Bullnose	3.00			3200.00	28.00 Bottom Packers & Anchor

Total Tool Length: 51.00

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Serial #: 6753

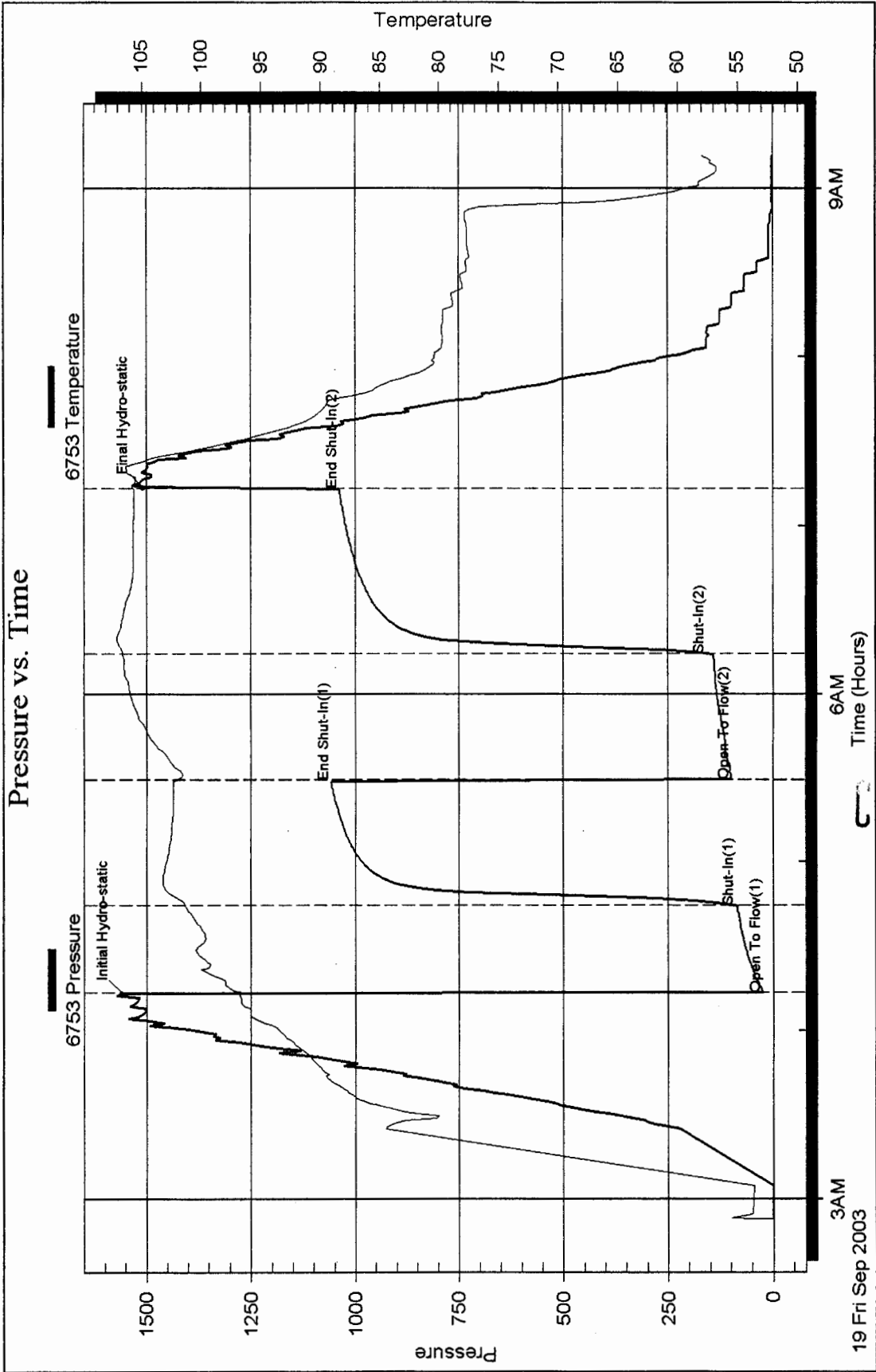
Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 3

Pressure vs. Time

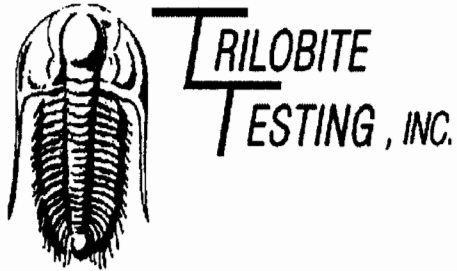


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Trilobite Testing, Inc

Ref. No: 18671

Printed: 2003.09.24 @ 13:31:42 Page 5



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil**

100 S. Main
Suite 200
Wichita, KS 67202

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.19 @ 16:50:33

End Date: 2003.09.20 @ 00:19:33

Job Ticket #: 18672 DST #: 4

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
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

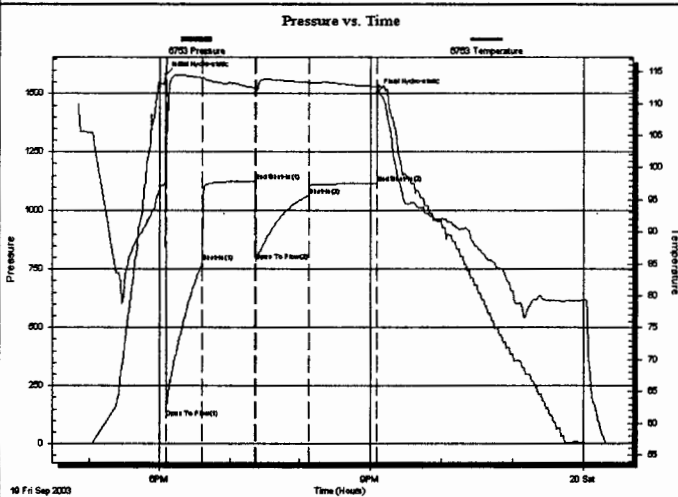
#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18672 **DST#: 4**
Test Start: 2003.09.19 @ 16:50:33

GENERAL INFORMATION:

Formation: **LKC "D-E"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:05:18
Time Test Ended: 00:19:33
Interval: **3203.00 ft (KB) To 3228.00 ft (KB) (TVD)**
Total Depth: 3228.00 ft (KB) (TVD)
Hole Diameter: 6.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 24
Reference Elevations: 2005.00 ft (KB)
2000.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 1064.47 psig @ 3204.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2003.09.19 End Date: 2003.09.20 Last Calib.: 1899.12.30
Start Time: 16:50:35 End Time: 00:19:33 Time On Btm: 2003.09.19 @ 18:05:03
Time Off Btm: 2003.09.19 @ 21:05:48

TEST COMMENT: #FP-Strong, BOB in 1 1/2 min, Sur Blow bk Throughout
FFP- Strong, BOB in 2 min, Blow bk Built to 1/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1579.73	97.72	Initial Hydro-static
1	110.48	97.27	Open To Flow (1)
32	777.73	113.97	Shut-In(1)
77	1125.15	112.46	End Shut-In(1)
78	783.33	112.33	Open To Flow (2)
123	1064.47	113.28	Shut-In(2)
181	1116.08	112.60	End Shut-In(2)
181	1506.87	112.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2100.00	Gassy Water W/Oil Spots	26.31
120.00	Muddy Oil Cut Water 3% Oil	1.68
45.00	Oil Cut Gassy Mud 20% Gas, 10% Oil, 40% 0.63	
5.00	Oil	0.07

Gas Rates

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

CONFIDENTIAL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS

Job Ticket: 18672 **DST#: 4**
Test Start: 2003.09.19 @ 16:50:33

Tool Information

Drill Pipe:	Length: 2856.00 ft	Diameter: 3.80 inches	Volume: 40.06 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 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: 41.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3203.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	48.00 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			3181.00	
Shut In Tool	5.00			3186.00	
Hydraulic tool	5.00			3191.00	
Safety Joint	2.00			3193.00	
Packer	5.00			3198.00	23.00 Bottom Of Top Packer
Packer	5.00			3203.00	
Stubb	1.00			3204.00	
Recorder	0.00	6753	Inside	3204.00	
Perforations	21.00			3225.00	
Recorder	0.00	13252	Outside	3225.00	
Bullnose	3.00			3228.00	25.00 Bottom Packers & Anchor

Total Tool Length: 48.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS
Job Ticket: 18672 DST#: 4
Test Start: 2003.09.19 @ 16:50:33

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 62.00 sec/qt
Water Loss: 14.16 in³
Resistivity: ohm.m
Salinity: 10000.00 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: 33000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2100.00	Gassy Water W/Oil Spots	26.306
120.00	Muddy Oil Cut Water 3% Oil	1.683
45.00	Oil Cut Gassy Mud 20% Gas, 10% Oil, 40% Wtr	0.631
5.00	Oil	0.070

Total Length: 2270.00 ft Total Volume: 28.690 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

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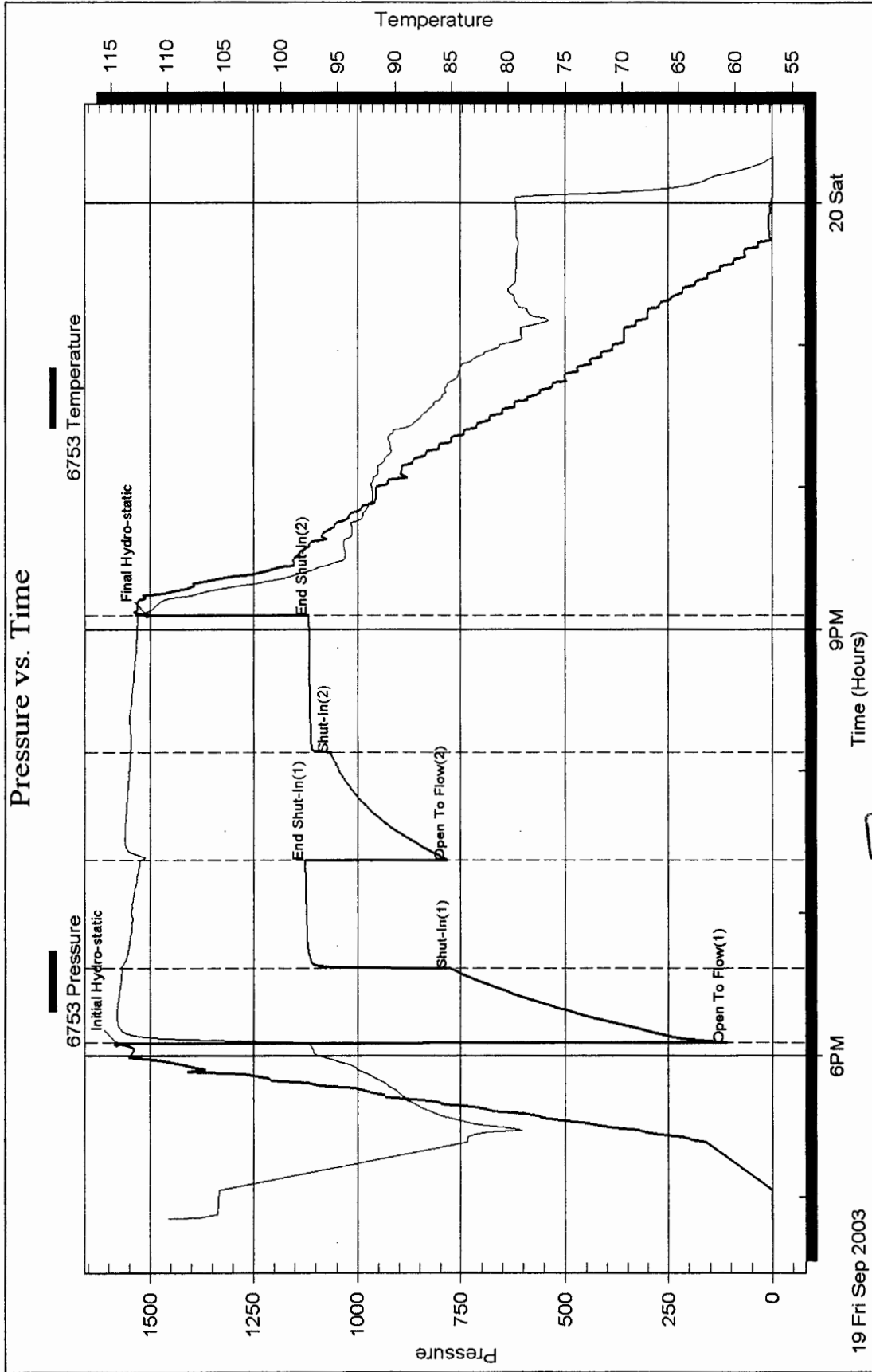
Serial #: 6753

Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 4

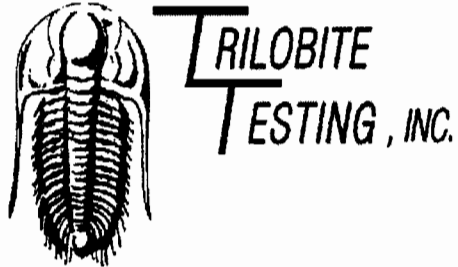


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Triobite Testing, Inc

Ref. No: 18672

Printed: 2003.09.24 @ 13:32:56 Page 5



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil**

100 S. Main
Suite 200
Wichita, KS 67202

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.20 @ 11:01:57

End Date: 2003.09.20 @ 17:21:42

Job Ticket #: 18673 DST #: 5

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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
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18673 **DST#: 5**
Test Start: 2003.09.20 @ 11:01:57

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:27:57

Time Test Ended: 17:21:42

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: 3236.00 ft (KB) To 3244.00 ft (KB) (TVD)

Reference Elevations: 2005.00 ft (KB)

Total Depth: 3244.00 ft (KB) (TVD)

2000.00 ft (CF)

Hole Diameter: 6.80 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 502.78 psig @ 3237.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.09.20

End Date: 2003.09.20

Last Calib.: 1899.12.30

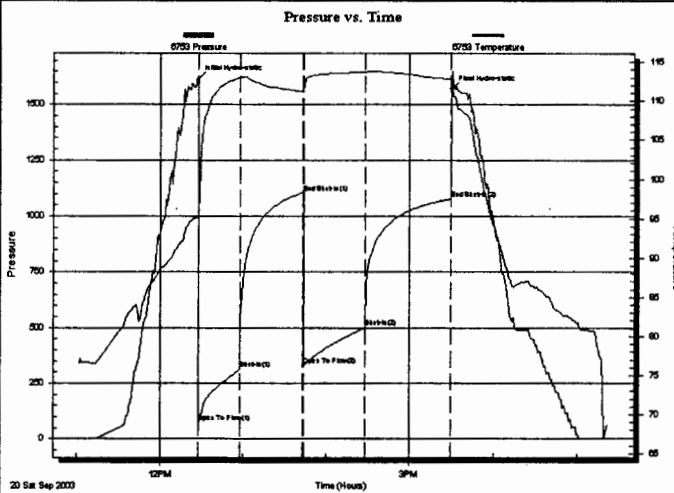
Start Time: 11:01:59

End Time: 17:21:42

Time On Btrn: 2003.09.20 @ 12:27:27

Time Off Btrn: 2003.09.20 @ 15:29:42

TEST COMMENT: IFF - Strong Blow, BOB in 2 min, Surface Blow back After 2 min
FFP - Strong Blow, BOB in 3 min, Surface Blow back After 5 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1616.33	95.22	Initial Hydro-static
1	74.01	96.31	Open To Flow (1)
31	313.32	112.97	Shut-In(1)
77	1104.47	111.17	End Shut-In(1)
77	332.82	111.18	Open To Flow (2)
121	502.78	113.69	Shut-In(2)
182	1076.90	112.81	End Shut-In(2)
183	1570.09	113.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
982.00	Muddy Water	10.62
3.00	Oil	0.04
95.00	Gas In Pipe	1.33

Gas Rates

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

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18673 DST#: 5
Test Start: 2003.09.20 @ 11:01:57

Tool Information

Drill Pipe:	Length: 2887.00 ft	Diameter: 3.80 inches	Volume: 40.50 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 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: lb
			<u>Total Volume: 42.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3236.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 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
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Change Over Sub	1.00			3214.00	
Shut In Tool	5.00			3219.00	
Hydraulic tool	5.00			3224.00	
Safety Joint	2.00			3226.00	
Packer	5.00			3231.00	23.00 Bottom Of Top Packer
Packer	5.00			3236.00	
Stubb	1.00			3237.00	
Recorder	0.00	6753	Inside	3237.00	
Perforations	4.00			3241.00	
Recorder	0.00	13252	Outside	3241.00	
Bullnose	3.00			3244.00	8.00 Bottom Packers & Anchor

Total Tool Length: 31.00

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18673 **DST#: 5**
Test Start: 2003.09.20 @ 11:01:57

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 68000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.15 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
982.00	Muddy Water	10.623
3.00	Oil	0.042
95.00	Gas In Pipe	1.333

Total Length: 1080.00 ft Total Volume: 11.998 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

CONFIDENTIAL

Serial #: 6753

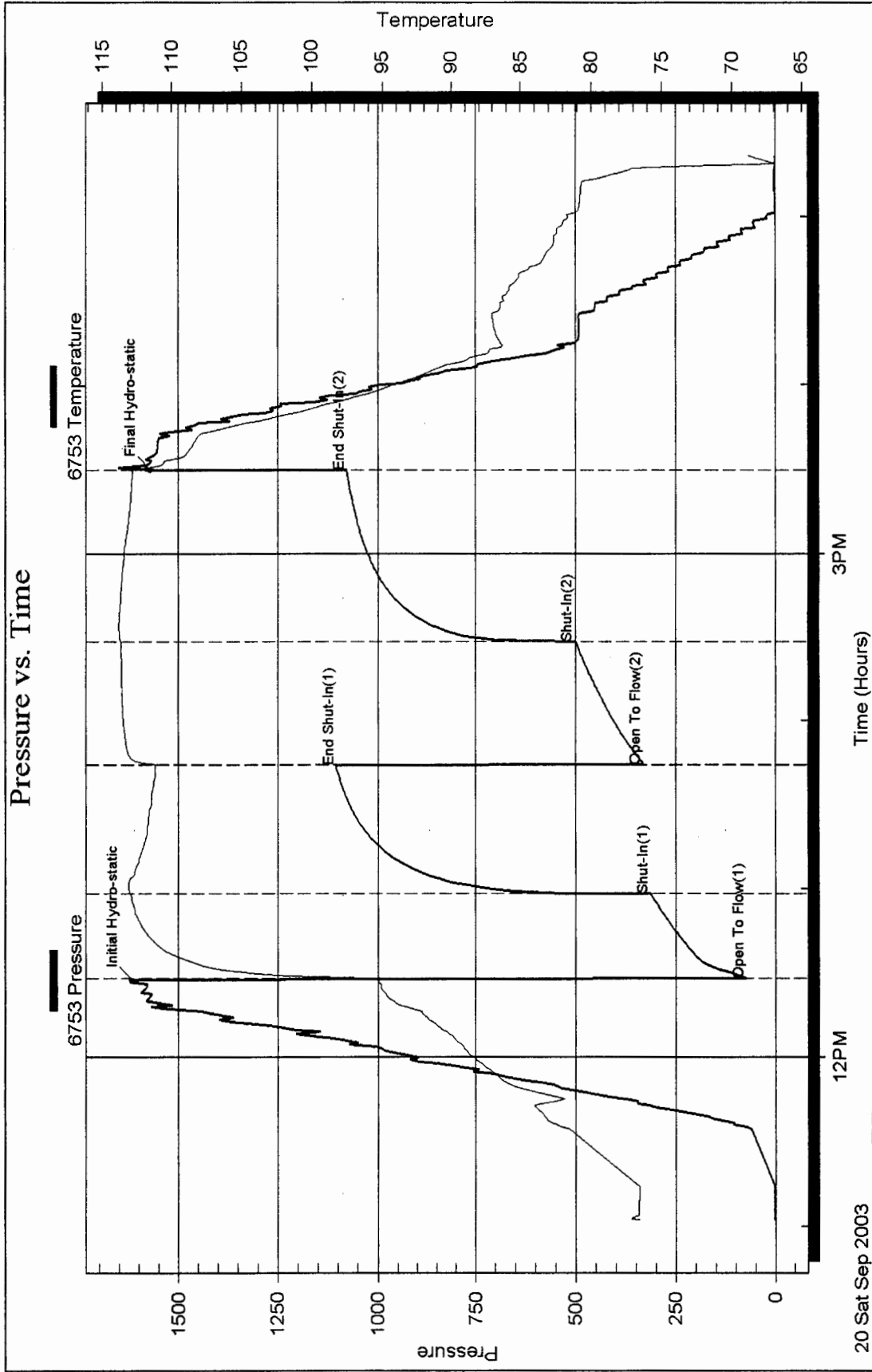
Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 5

Pressure vs. Time



20 Sat Sep 2003

12PM

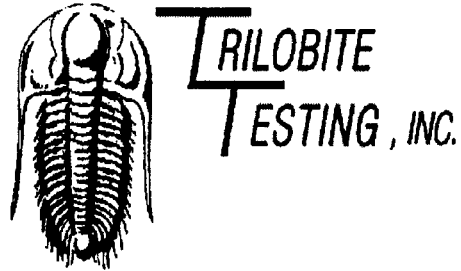
3PM

Time (Hours)

Trilobite Testing, Inc

Ref. No: 18673

Printed: 2003.09.24 @ 13:33:24 Page 5



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil**

100 S. Main
Suite 200
Wichita, KS 67202

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.21 @ 06:53:42

End Date: 2003.09.21 @ 13:11:42

Job Ticket #: 18674 . DST #: 6

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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
 100 S. Main
 Suite 200
 Wichita, KS 67202
 ATTN: Mike Kidwell

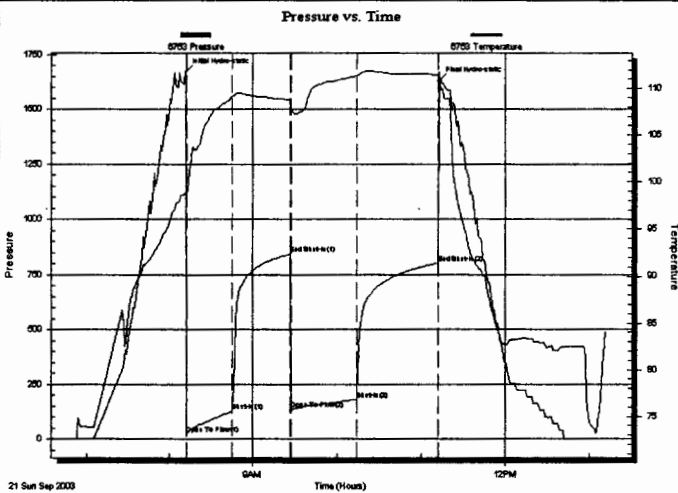
#1-7 Cave
7-11s-18w Ellis KS
 Job Ticket: 18674 **DST#: 6**
 Test Start: 2003.09.21 @ 06:53:42

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:12:12
 Time Test Ended: 13:11:42
 Interval: **3303.00 ft (KB) To 3336.00 ft (KB) (TVD)**
 Total Depth: 3336.00 ft (KB) (TVD)
 Hole Diameter: 6.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 24
 Reference Elevations: 2005.00 ft (KB)
 2000.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6753 **Inside**
 Press@RunDepth: 181.02 psig @ 3304.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2003.09.21 End Date: 2003.09.21 Last Calib.: 1899.12.30
 Start Time: 06:53:44 End Time: 13:11:42 Time On Btm: 2003.09.21 @ 08:11:57
 Time Off Btm: 2003.09.21 @ 11:12:27

TEST COMMENT: FFP- Good Blow , BOB in 14 min, Blow back Built to 1-1/4"
 FFP-Good Blow , BOB in 10 min, Blow back Built to 5"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.44	98.79	Initial Hydro-static
1	24.18	97.73	Open To Flow (1)
34	125.20	109.13	Shut-in (1)
75	843.76	108.80	End Shut-in (1)
76	137.54	108.43	Open To Flow (2)
122	181.02	111.34	Shut-in (2)
181	802.54	111.46	End Shut-in (2)
181	1630.13	111.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud Cut Oil 50/50	0.59
60.00	Mud Cut Oil 60% Oil, 40% Mud	0.30
180.00	Gassy Oil 90% Oil, 10% Gas	1.01
120.00	Gassy Oil 75% Oil, 25% Gas	1.68

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18674 **DST#: 6**
Test Start: 2003.09.21 @ 06:53:42

Tool Information

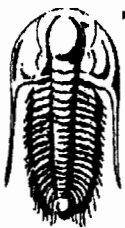
Drill Pipe:	Length: 2949.00 ft	Diameter: 3.80 inches	Volume: 41.37 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 43.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3303.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	56.00 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			3281.00	
Shut In Tool	5.00			3286.00	
Hydraulic tool	5.00			3291.00	
Safety Joint	2.00			3293.00	
Packer	5.00			3298.00	23.00 Bottom Of Top Packer
Packer	5.00			3303.00	
Stubb	1.00			3304.00	
Recorder	0.00	6753	Inside	3304.00	
Perforations	29.00			3333.00	
Recorder	0.00	13252	Outside	3333.00	
Bullnose	3.00			3336.00	33.00 Bottom Packers & Anchor

Total Tool Length: 56.00

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS
Job Ticket: 18674 **DST#: 6**
Test Start: 2003.09.21 @ 06:53:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud Cut Oil 50/50	0.590
60.00	Mud Cut Oil 60% Oil, 40% Mud	0.295
180.00	Gassy Oil 90% Oil, 10% Gas	1.013
120.00	Gassy Oil 75% Oil, 25% Gas	1.683

Total Length: 480.00 ft Total Volume: 3.581 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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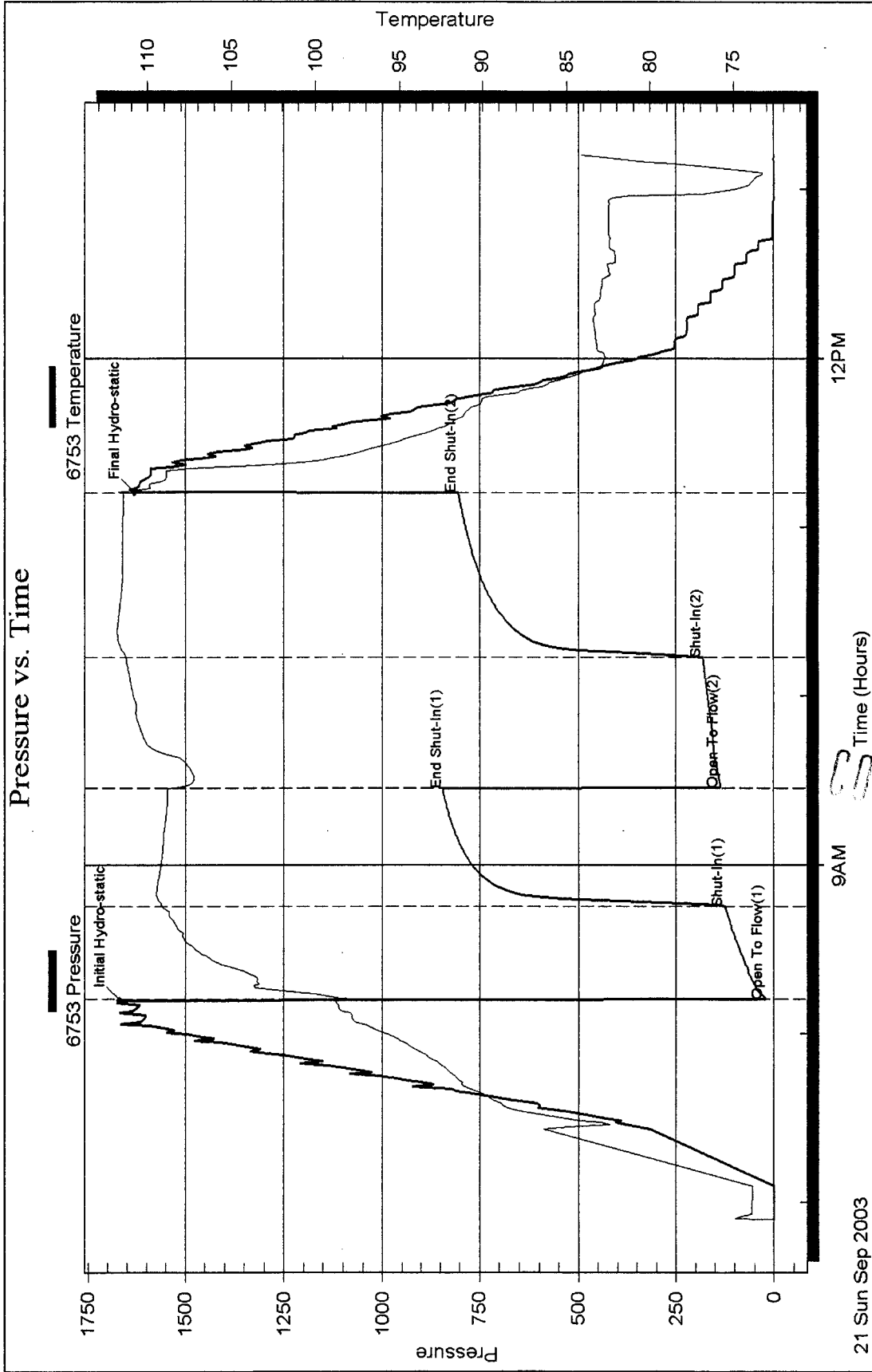
Serial #: 6753

Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 6

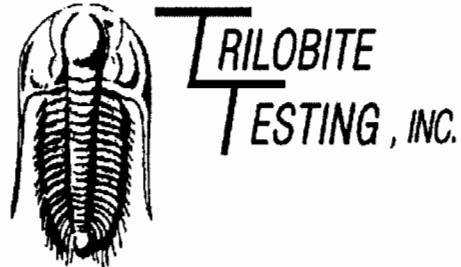


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Triobite Testing, Inc

Ref. No: 18674

Printed: 2003.09.24 @ 13:33:46 Page 5



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil**

100 S. Main
Suite 200
Wichita, KS 67202

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.21 @ 23:50:28

End Date: 2003.09.22 @ 05:49:58

Job Ticket #: 18675 DST #: 7

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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
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

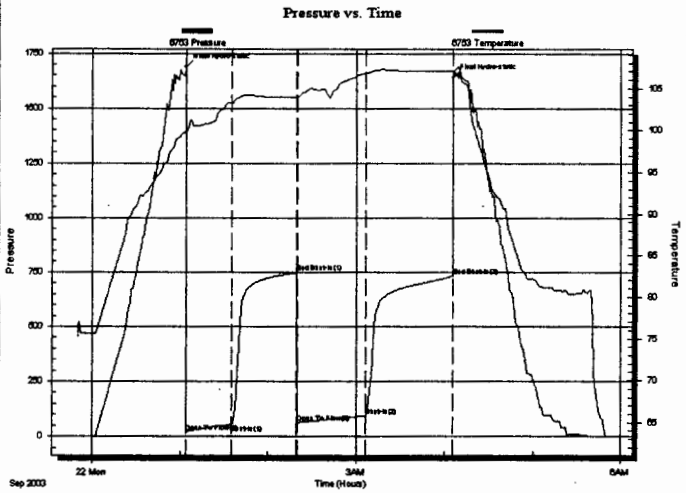
#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18675 **DST#: 7**
Test Start: 2003.09.21 @ 23:50:28

GENERAL INFORMATION:

Formation: **LKC " K-L "**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: 01:04:13
Time Test Ended: 05:49:58
Interval: **3350.00 ft (KB) To 3378.00 ft (KB) (TVD)**
Total Depth: **3378.00 ft (KB) (TVD)**
Hole Diameter: **6.80 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Jason McLemore**
Unit No: **24**
Reference Elevations: **2005.00 ft (KB)**
2000.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 Inside
Press@RunDepth: **94.13 psig @ 3351.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2003.09.21** End Date: **2003.09.22** Last Calib.: **1899.12.30**
Start Time: **23:50:30** End Time: **05:49:58** Time On Btm: **2003.09.22 @ 01:03:58**
Time Off Btm: **2003.09.22 @ 04:05:43**

TEST COMMENT: FFP-Weak Blow , Built To 2", No Blow back
FFP-No Blow For 25 min, Then Built to 1/4", No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.47	100.02	Initial Hydro-static
1	17.71	99.47	Open To Flow (1)
32	54.20	103.11	Shut-In (1)
76	748.61	103.97	End Shut-In (1)
76	61.77	103.65	Open To Flow (2)
123	94.13	106.79	Shut-In (2)
182	732.69	107.05	End Shut-In (2)
182	1640.42	107.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Hvy Oil Cut Mud 5% Gas, 45% Oil, 50%	10.89
60.00	Gas in Pipe	0.30

Gas Rates

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS
Job Ticket: 18675 **DST#: 7**
Test Start: 2003.09.21 @ 23:50:28

Tool Information

Drill Pipe:	Length: 3013.00 ft	Diameter: 3.80 inches	Volume: 42.26 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 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: lb
			<u>Total Volume: 43.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3350.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	51.00 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			3328.00	
Shut In Tool	5.00			3333.00	
Hydraulic tool	5.00			3338.00	
Safety Joint	2.00			3340.00	
Packer	5.00			3345.00	23.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Recorder	0.00	6753	Inside	3351.00	
Perforations	24.00			3375.00	
Recorder	0.00	13222	Outside	3375.00	
Bullnose	3.00			3378.00	28.00 Bottom Packers & Anchor

Total Tool Length: 51.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18675 **DST#: 7**
Test Start: 2003.09.21 @ 23:50:28

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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 11500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Hvy Oil Cut Mud 5% Gas, 45% Oil, 50% Mud	0.885
60.00	Gas in Pipe	0.295

Total Length: 240.00 ft Total Volume: 1.180 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

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Serial #: 6753

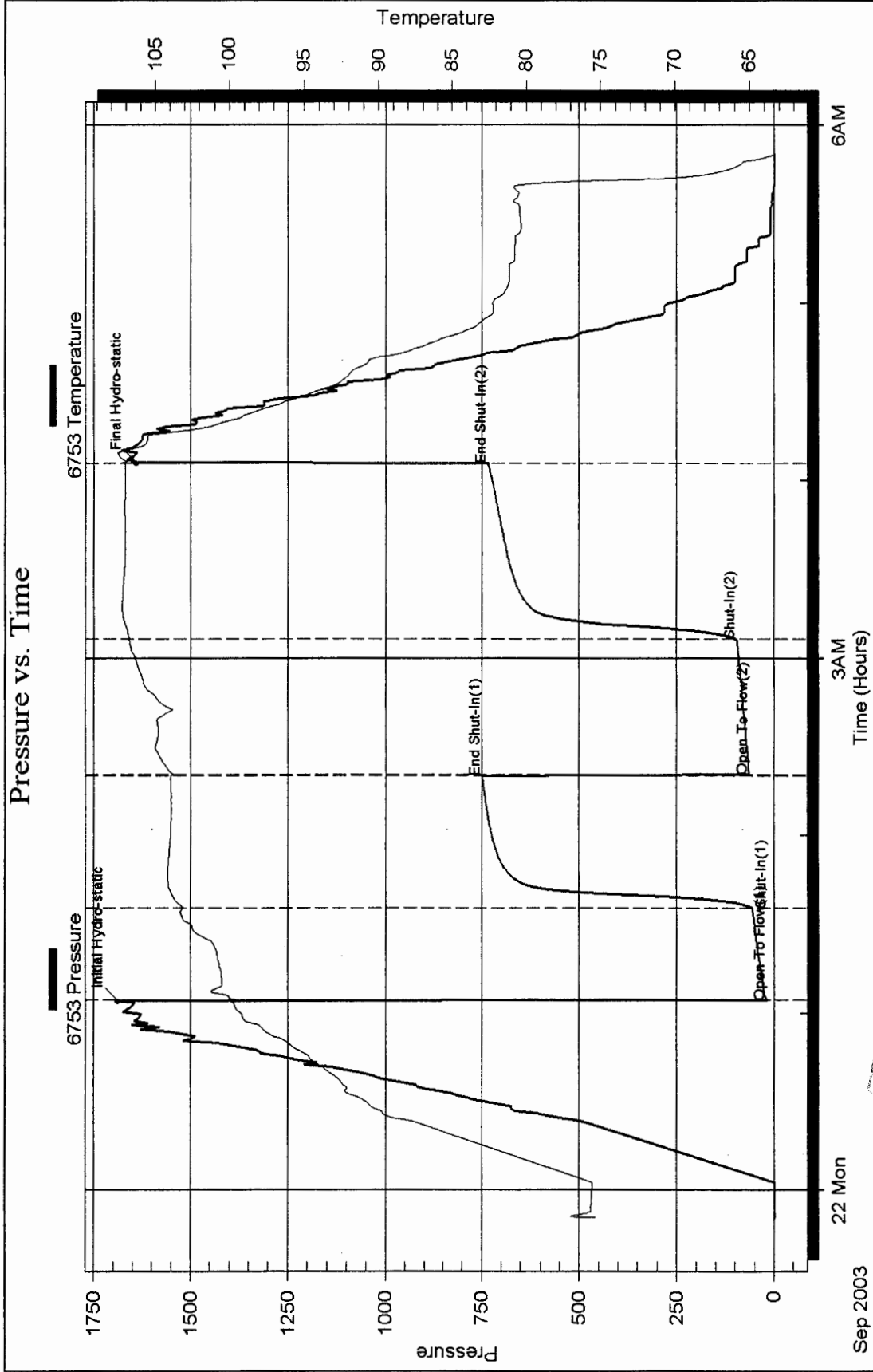
Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 7

Pressure vs. Time

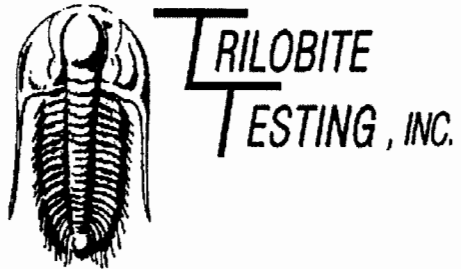


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Triobite Testing, Inc

Ref. No: 18675

Printed: 2003.09.24 @ 13:34:21 Page 5



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil**

100 S. Main
Suite 200
Wichita, KS 67202

ATTN: Mike Kidwell

7-11s-18w Ellis KS

#1-7 Cave

Start Date: 2003.09.22 @ 22:28:33

End Date: 2003.09.23 @ 06:03:18

Job Ticket #: 18176 DST #: 8

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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

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

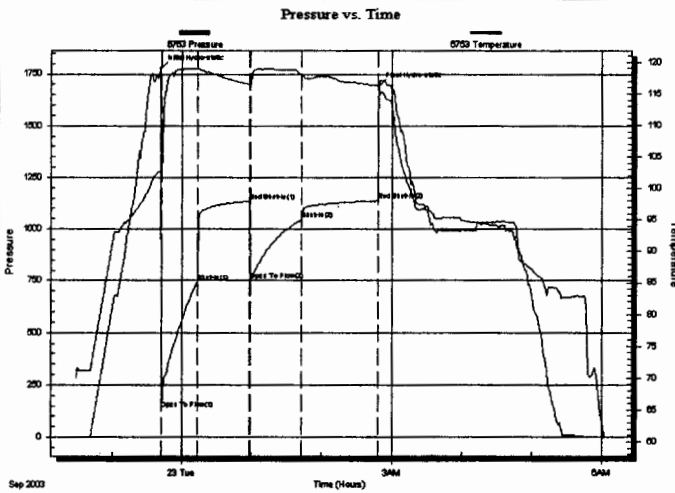
7-11s-18w Ellis KS
Job Ticket: 18176 **DST#: 8**
Test Start: 2003.09.22 @ 22:28:33

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:42:03
Time Test Ended: 06:03:18
Interval: **3484.00 ft (KB) To 3510.00 ft (KB) (TVD)**
Total Depth: 3510.00 ft (KB) (TVD)
Hole Diameter: 6.80 inches Hole Condition: Good
Reference Elevations: 2005.00 ft (KB)
2000.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 Inside
Press@RunDepth: 1046.11 psig @ 3485.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2003.09.22 End Date: 2003.09.23 Last Calib.: 1899.12.30
Start Time: 22:28:35 End Time: 06:03:18 Time On Btm: 2003.09.22 @ 23:41:48
Time Off Btm: 2003.09.23 @ 02:48:18

TEST COMMENT: IFP-Strong Blow ,BOB in 1 min, No Blow back
FFP- Strong Blow ,BOB in 1 min, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.13	103.03	Initial Hydro-static
1	133.27	102.05	Open To Flow (1)
32	742.84	118.86	Shut-In(1)
77	1135.36	116.46	End Shut-In(1)
78	750.36	116.30	Open To Flow (2)
122	1046.11	118.08	Shut-In(2)
186	1139.95	116.36	End Shut-In(2)
187	1691.71	115.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2250.00	Muddy Water	28.41
60.00	Slightly Oil Spotted Mddy Wtr	0.84
60.00	Oil Spotted Muddy Water	0.84

Gas Rates

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil
100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

#1-7 Cave
7-11s-18w Ellis KS
Job Ticket: 18176 **DST#: 8**
Test Start: 2003.09.22 @ 22:28:33

Tool Information

Drill Pipe:	Length: 3136.00 ft	Diameter: 3.80 inches	Volume: 43.99 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 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: 78000.00 lb
			<u>Total Volume: 45.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3484.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 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
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Change Over Sub	1.00			3462.00	
Shut In Tool	5.00			3467.00	
Hydraulic tool	5.00			3472.00	
Safety Joint	2.00			3474.00	
Packer	5.00			3479.00	23.00 Bottom Of Top Packer
Packer	5.00			3484.00	
Stubb	1.00			3485.00	
Recorder	0.00	6753	Inside	3485.00	
Perforations	22.00			3507.00	
Recorder	0.00	13252	Outside	3507.00	
Bullnose	3.00			3510.00	26.00 Bottom Packers & Anchor

Total Tool Length: 49.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil

#1-7 Cave

100 S. Main
Suite 200
Wichita, KS 67202
ATTN: Mike Kidwell

7-11s-18w Ellis KS
Job Ticket: 18176 **DST#: 8**
Test Start: 2003.09.22 @ 22:28:33

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:	24000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 16.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 13500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2250.00	Muddy Water	28.410
60.00	Slightly Oil Spotted Mddy Wtr	0.842
60.00	Oil Spotted Muddy Water	0.842

Total Length: 2370.00 ft Total Volume: 30.094 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

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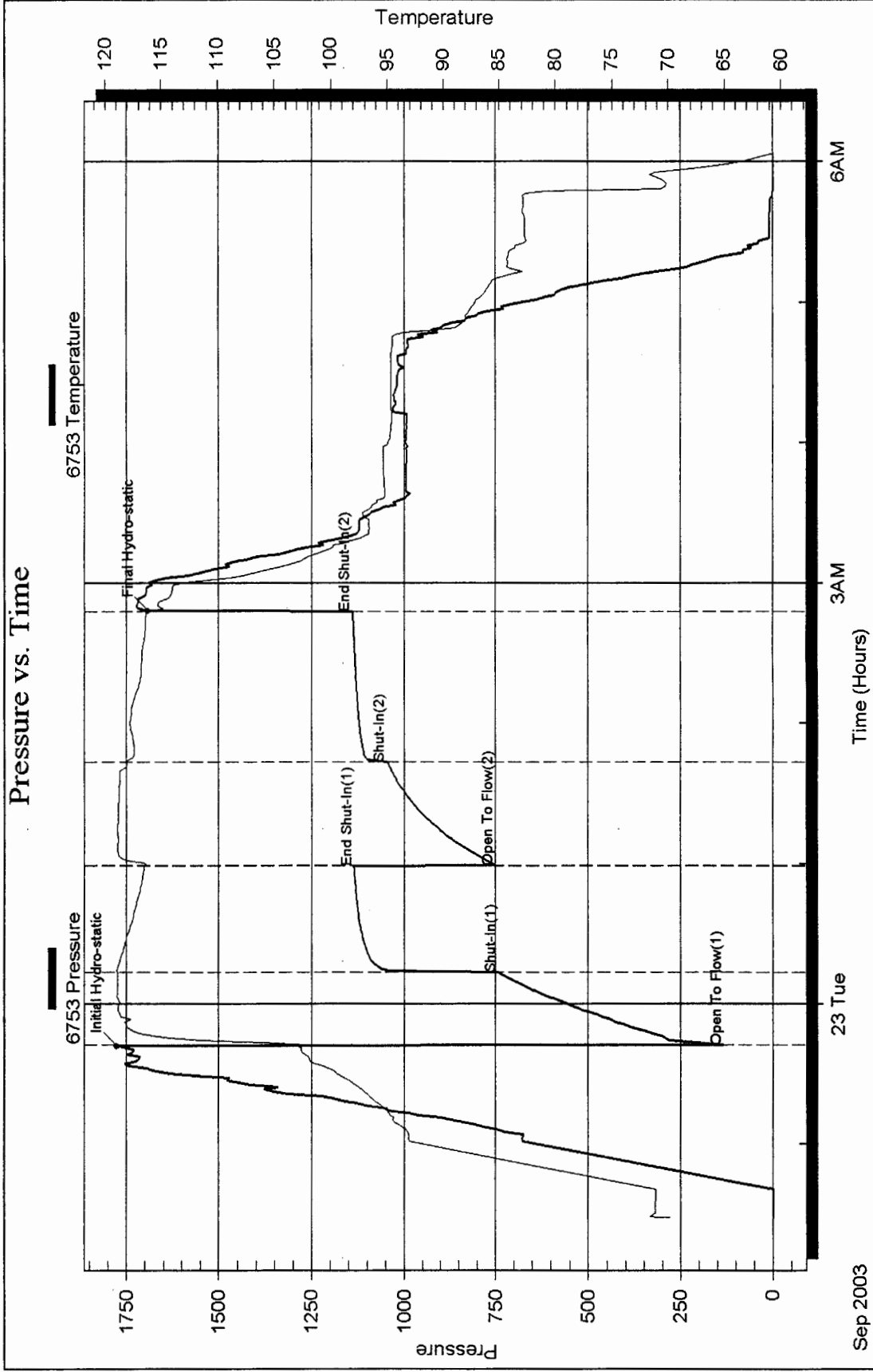
Serial #: 6753

Inside

Trans Pacific Oil

7-11s-18w Ellis KS

DST Test Number: 8



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Trilobite Testing, Inc

Ref. No: 18176

Printed: 2003.09.24 @ 13:35:17 Page 5