

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

21-22s-13w Stafford

Alpers #1

Start Date: 2005.03.12 @ 10:48:45
End Date: 2005.03.12 @ 15:24:00
Job Ticket #: 21085 DST #: 1

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

DRILL STEM TEST REPORT

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21085 **DST#: 1**

Test Start: 2005.03.12 @ 10:48:45

GENERAL INFORMATION:

Formation: **Herrington Krider**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:10:30
Time Test Ended: 15:24:00

Test Type: Conventional Straddle
Tester: Jake Fahrenbruch
Unit No: #19

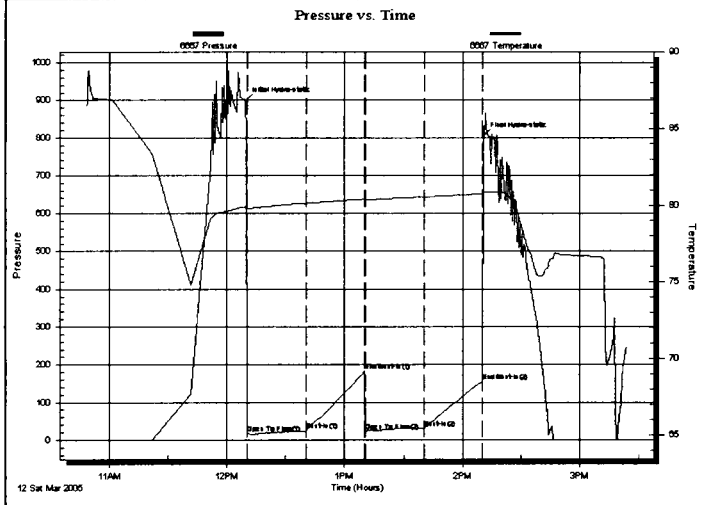
Interval: 1812.00 ft (KB) To 1842.00 ft (KB) (TVD)
Total Depth: 1912.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1907.00 ft (KB)
1898.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6667 **Inside**
Press@RunDepth: 30.76 psig @ 1817.00 ft (KB)
Start Date: 2005.03.12 End Date: 2005.03.12
Start Time: 10:48:50 End Time: 15:23:59

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.03.12 @ 12:09:30
Time Off Btm: 2005.03.12 @ 14:10:45

TEST COMMENT: IF: Weak blow .10in water @30min. No GTS
ISI: Bled off. No blow.
FF: Weak blow . 7in water @10min. No GTS.
FSI: Bled off. No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	898.67	79.88	Initial Hydro-static
1	17.24	79.76	Open To Flow (1)
31	24.37	80.13	Shut-In(1)
61	181.73	80.39	End Shut-In(1)
61	22.37	80.34	Open To Flow (2)
91	30.76	80.53	Shut-In(2)
121	155.40	80.72	End Shut-In(2)
122	803.73	80.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Gassy mud.	0.15

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21085 **DST#: 1**

Test Start: 2005.03.12 @ 10:48:45

Tool Information

Drill Pipe:	Length:	1560.00 ft	Diameter:	3.25	inches	Volume:	16.01 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length:	247.00 ft	Diameter:	2.25	inches	Volume:	1.21 bbl	Weight to Pull Loose:	48000.00 lb
						Total Volume:	17.22 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		16.00 ft						String Weight: Initial	44000.00 lb
Depth to Top Packer:		1812.00 ft						Final	46000.00 lb
Depth to Bottom Packer:		1838.00 ft							
Interval between Packers:		26.00 ft							
Tool Length:		121.00 ft							
Number of Packers:		3	Diameter:	6.75	inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			1792.00		
Shut In Tool	5.00			1797.00		
Hydraulic tool	5.00			1802.00		
Packer	5.00			1807.00	21.00	Bottom Of Top Packer
Packer	5.00			1812.00		
Stubb	1.00			1813.00		
Perforations	4.00			1817.00		
Recorder	0.00	6667	Inside	1817.00		
Perforations	20.00			1837.00		
Recorder	0.00	11019	Outside	1837.00		
Blank Off Sub	1.00			1838.00	26.00	Tool Interval
Packer	4.00			1842.00		
Stubb	1.00			1843.00		
Perforations	1.00			1844.00		
Change Over Sub	1.00			1845.00		
Recorder	0.00	6074	Below	1845.00		
Blank Spacing	63.00			1908.00		
Change Over Sub	1.00			1909.00		
Bullnose	3.00			1912.00	74.00	Bottom Packers & Anchor
Total Tool Length:	**121.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21085 **DST#: 1**

Test Start: 2005.03.12 @ 10:48:45

Mud and Cushion Information

Mud Type:	Water	Cushion Type:			Oil API:		deg API
Mud Weight:		lb/gal	Cushion Length:	ft	Water Salinity:		ppm
Viscosity:		sec/qt	Cushion Volume:	bbl			
Water Loss:		in³	Gas Cushion Type:				
Resistivity:		ohm.m	Gas Cushion Pressure:	psig			
Salinity:		ppm					
Filter Cake:		inches					

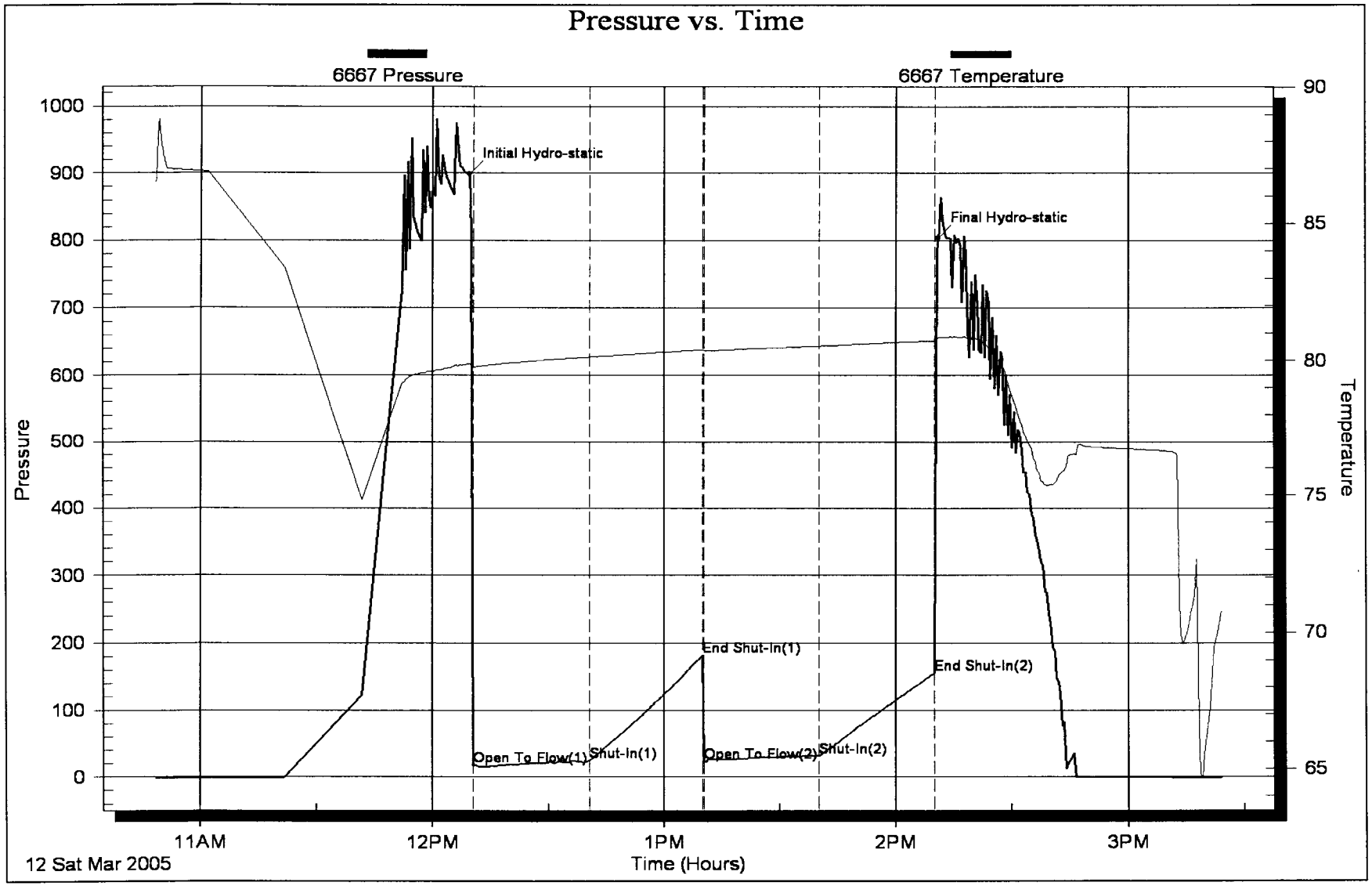
Recovery Information

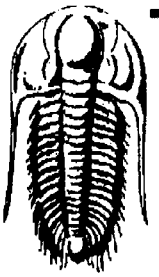
Recovery Table

Length ft	Description	Volume bbl
30.00	Gassy mud.	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

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


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
Time (Hours)
11AM
12PM
1PM
2PM
3PM
12 Sat Mar 2005
1000
900
800
700
600
500
400
300
200
100
0
90
85
80
75
70
65



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

21-22s-13w Stafford

Alpers #1

Start Date: 2005.03.15 @ 04:18:41

End Date: 2005.03.15 @ 09:56:26

Job Ticket #: 21086 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21086 **DST#: 2**

Test Start: 2005.03.15 @ 04:18:41

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:41:11
Time Test Ended: 09:56:26

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 19

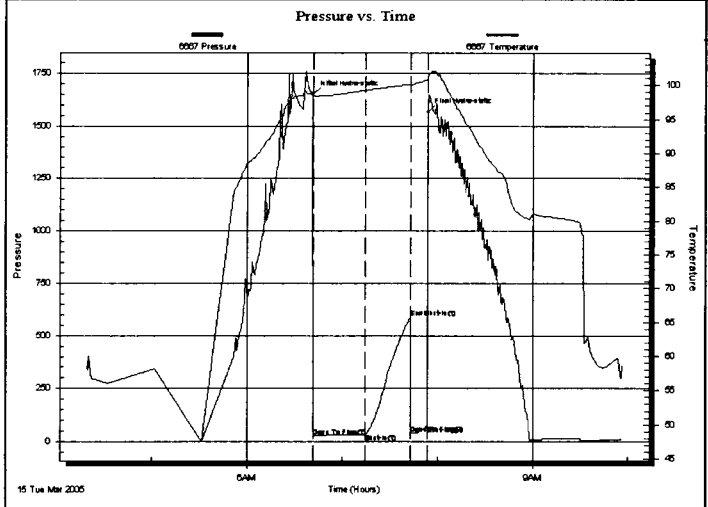
Interval: 3405.00 ft (KB) To 3502.00 ft (KB) (TVD)
Total Depth: 3502.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1907.00 ft (KB)
1898.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6667 **Inside**
Press@RunDepth: 35.11 psig @ 3406.00 ft (KB)
Start Date: 2005.03.15 End Date: 2005.03.15
Start Time: 04:18:46 End Time: 09:56:25

Capacity: 7000.00 psig
Last Calib.: 2002.03.15
Time On Btm: 2005.03.15 @ 06:40:56
Time Off Btm: 2005.03.15 @ 07:53:26

TEST COMMENT: IF: weak 1/4" blow building to 1"
FF- No blow --pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.86	98.70	Initial Hydro-static
1	25.42	98.33	Open To Flow (1)
33	35.11	99.23	Shut-In(1)
62	586.87	100.12	End Shut-In(1)
62	38.62	99.95	Open To Flow (2)
73	74.82	100.73	Shut-In(2)
73	1566.68	101.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling mud.	0.04

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21086 **DST#: 2**

Test Start: 2005.03.15 @ 04:18:41

Tool Information

Drill Pipe:	Length:	3149.00 ft	Diameter:	3.50 inches	Volume:	37.47 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	247.00 ft	Diameter:	2.88 inches	Volume:	1.99 bbl	Weight to Pull Loose:	62000.00 lb
					Total Volume:	39.46 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight: Initial	60000.00 lb
Depth to Top Packer:		3405.00 ft					Final	60000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		97.00 ft						
Tool Length:		126.00 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			3377.00		
Shut In Tool	5.00			3382.00		
Hydraulic tool	5.00			3387.00		
Jars	5.00			3392.00		
Safety Joint	3.00			3395.00		
Packer	5.00			3400.00	29.00	Bottom Of Top Packer
Packer	5.00			3405.00		
Stubb	1.00			3406.00		
Recorder	0.00	6667	Inside	3406.00		
Perforations	22.00			3428.00		
Change Over Sub	1.00			3429.00		
Blank Spacing	31.00			3460.00		
Recorder	0.00	6074	Outside	3460.00		
Blank Spacing	31.00			3491.00		
Change Over Sub	1.00			3492.00		
Perforations	7.00			3499.00		
Recorder	0.00	11019	Outside	3499.00		
Bullnose	3.00			3502.00	97.00	Bottom Packers & Anchor
Total Tool Length:	**126.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21086 **DST#: 2**

Test Start: 2005.03.15 @ 04:18:41

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:	69.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3600.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

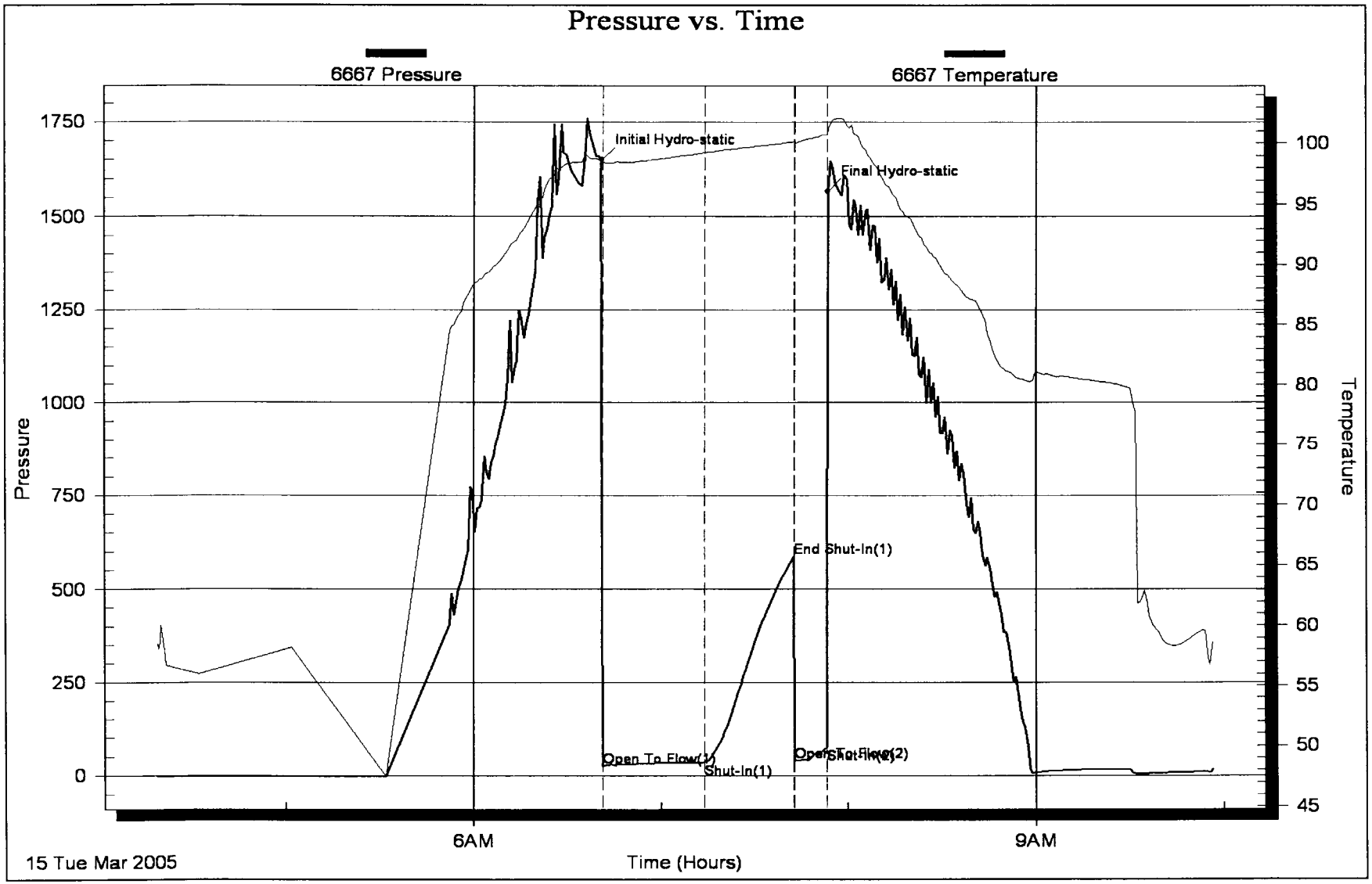
Length ft	Description	Volume bbl
5.00	Drilling mud.	0.040

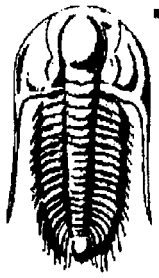
Total Length: 5.00 ft Total Volume: 0.040 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
100
95
90
85
80
75
70
65
60
55
50
45
6AM
9AM
15 Tue Mar 2005
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

21-22s-13w Stafford

Alpers #1

Start Date: 2005.03.15 @ 18:20:58
End Date: 2005.03.16 @ 01:59:43
Job Ticket #: 21087 DST #: 3

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

DRILL STEM TEST REPORT

Palamino Petroleum, Inc.

4924 SE 84th St.
New ton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21087 **DST#: 3**

Test Start: 2005.03.15 @ 18:20:58

GENERAL INFORMATION:

Formation: **Kansas City H**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:29:43
Time Test Ended: 01:59:43

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 19

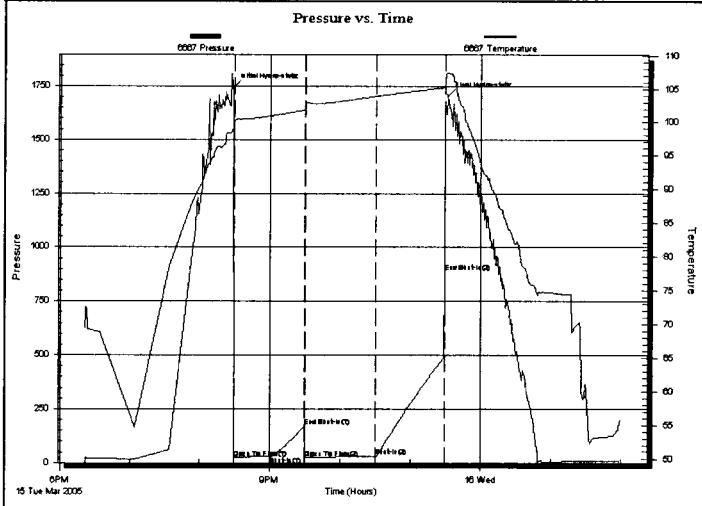
Interval: 3540.00 ft (KB) To 3554.00 ft (KB) (TVD)
Total Depth: 3554.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1907.00 ft (KB)
1898.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6667 **Inside**
Press@RunDepth: 28.94 psig @ 3541.00 ft (KB)
Start Date: 2005.03.15 End Date: 2005.03.16
Start Time: 18:21:03 End Time: 01:59:42

Capacity: 7000.00 psig
Last Calib.: 2005.03.16
Time On Btm: 2005.03.15 @ 20:28:28
Time Off Btm: 2005.03.15 @ 23:31:43

TEST COMMENT: IF: Weak blow . 1" building to 5".
ISI: Bled off. No blow .
FF: Fair to strong blow . BOB 33min. No GTS.
FSI: Bled off. No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1744.93	98.99	Initial Hydro-static
2	22.68	100.03	Open To Flow (1)
32	29.54	100.93	Shut-In(1)
61	169.90	101.80	End Shut-In(1)
62	21.68	102.33	Open To Flow (2)
122	28.94	103.88	Shut-In(2)
181	887.71	105.42	End Shut-In(2)
184	1705.10	107.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Drlg. Mud	0.32
0.00	210' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum, Inc.

4924 SE 84th St.
New ton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21087 **DST#: 3**

Test Start: 2005.03.15 @ 18:20:58

Tool Information

Drill Pipe:	Length:	3304.00 ft	Diameter:	3.50 inches	Volume:	39.32 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	244.00 ft	Diameter:	2.88 inches	Volume:	1.97 bbl	
					Total Volume:	41.29 bbl	

Drill Pipe Above KB:	32.00 ft
Depth to Top Packer:	3540.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	14.00 ft
Tool Length:	38.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	62000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	56000.00 lb
Final	59000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3517.00		
Shut In Tool	5.00			3522.00		
Hydraulic tool	5.00			3527.00		
Safety Joint	3.00			3530.00		
Packer	5.00			3535.00	24.00	Bottom Of Top Packer
Packer	5.00			3540.00		
Stubb	1.00			3541.00		
Recorder	0.00	6667	Inside	3541.00		
Perforations	10.00			3551.00		
Recorder	0.00	11019	Outside	3551.00		
Bullnose	3.00			3554.00	14.00	Bottom Packers & Anchor
Total Tool Length:	**38.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21087 **DST#: 3**

Test Start: 2005.03.15 @ 18:20:58

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:	10300 ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10300.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

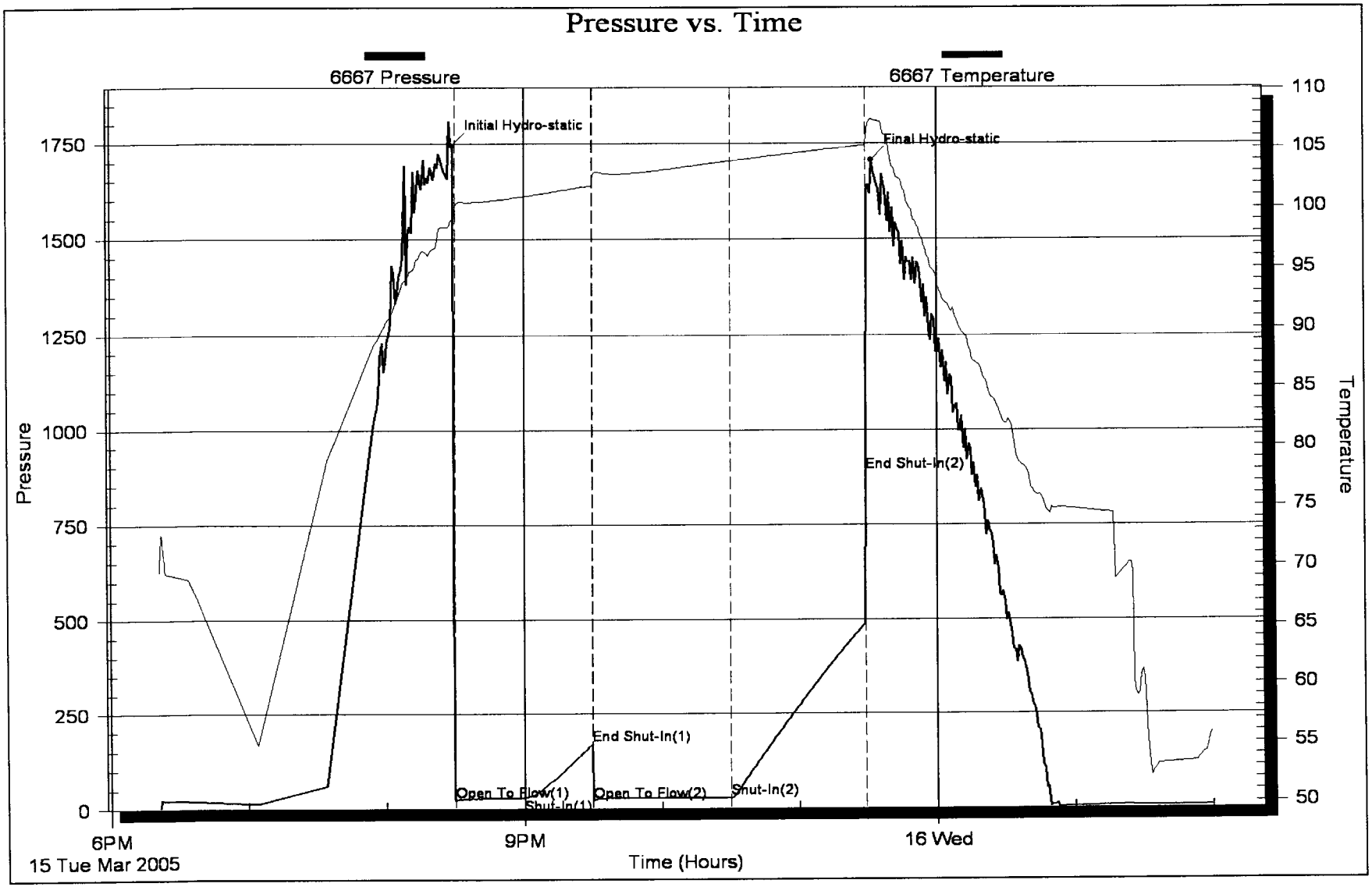
Length ft	Description	Volume bbl
40.00	Drlg. Mud	0.322
0.00	210' GIP	0.000

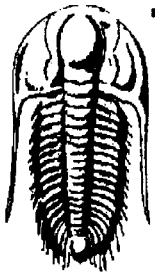
Total Length: 40.00 ft Total Volume: 0.322 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(2)
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
55
50
6PM
15 Tue Mar 2005
9PM
16 Wed
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

21-22s-13w Stafford

Alpers #1

Start Date: 2005.03.16 @ 10:54:50
End Date: 2005.03.16 @ 17:35:05
Job Ticket #: 21088 DST #: 4

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

DRILL STEM TEST REPORT

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21088 **DST#: 4**

Test Start: 2005.03.16 @ 10:54:50

GENERAL INFORMATION:

Formation: **Kansas City: I,J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:41:05
Time Test Ended: 17:35:05

Test Type: Conventional Bottom Hole
Tester: Jake fahrenbruch
Unit No: 19

Interval: 3564.00 ft (KB) To 3594.00 ft (KB) (TVD)
Total Depth: 3594.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

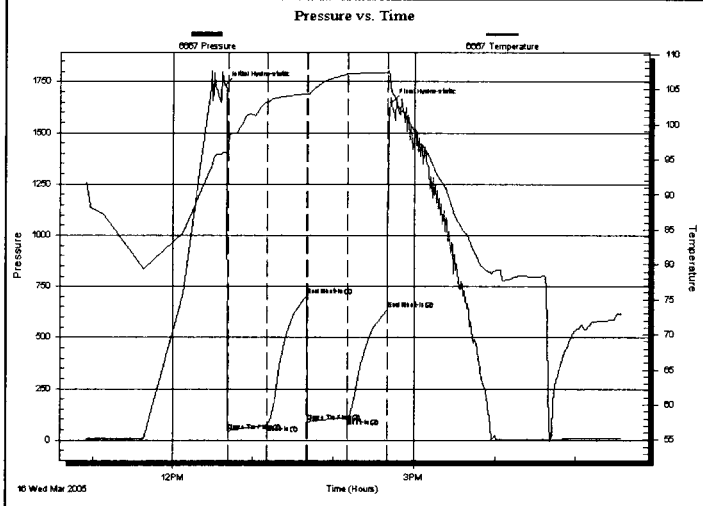
Reference Elevations: 1907.00 ft (KB)
1898.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: 105.75 psig @ 3565.00 ft (KB)
Start Date: 2005.03.16 End Date: 2005.03.16
Start Time: 10:54:55 End Time: 17:35:04

Capacity: 7000.00 psig
Last Calib.: 2002.03.16
Time On Btm: 2005.03.16 @ 12:38:35
Time Off Btm: 2005.03.16 @ 14:42:50

TEST COMMENT: IF: Fair to strong blow . BOB 12.5min.
ISI: Bleb off. No blow .
FF: w eak blow . Building to 8.5" in 30min.
FSI: Bled off. Blew back at 1.5". Blow died after 20min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1732.50	95.97	Initial Hydro-static
3	41.00	97.00	Open To Flow (1)
32	73.57	103.22	Shut-In(1)
62	706.14	104.39	End Shut-In(1)
63	89.27	104.32	Open To Flow (2)
92	105.75	107.21	Shut-In(2)
122	640.05	107.36	End Shut-In(2)
125	1646.58	104.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	G&OCWM 20%g 20%o 16%w 44%m	0.81
120.00	O&GCMW 5%o 20%g 25%m 50%w	0.97
0.00	Rw .11 ohms @ 62 Deg. F	0.00
0.00	315' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21088 **DST#: 4**

Test Start: 2005.03.16 @ 10:54:50

Tool Information

Drill Pipe:	Length:	3304.00 ft	Diameter:	3.50 inches	Volume:	39.32 bbl	Tool Weight:		2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	244.00 ft	Diameter:	2.88 inches	Volume:	1.97 bbl	Weight to Pull Loose:		62000.00 lb
					Total Volume:	41.29 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		8.00 ft					String Weight:	Initial	60000.00 lb
Depth to Top Packer:		3564.00 ft						Final	60000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		30.00 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	
Change Over Sub	1.00			3541.00		
Shut In Tool	5.00			3546.00		
Hydraulic tool	5.00			3551.00		
Safety Joint	3.00			3554.00		
Packer	5.00			3559.00	24.00	Bottom Of Top Packer
Packer	5.00			3564.00		
Stubb	1.00			3565.00		
Recorder	0.00	6667	Inside	3565.00		
Perforations	26.00			3591.00		
Recorder	0.00	6074	Outside	3591.00		
Bullnose	3.00			3594.00	30.00	Bottom Packers & Anchor
Total Tool Length:	**54.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21088 **DST#: 4**

Test Start: 2005.03.16 @ 10:54:50

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:	83000 ppm
Viscosity:	40.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

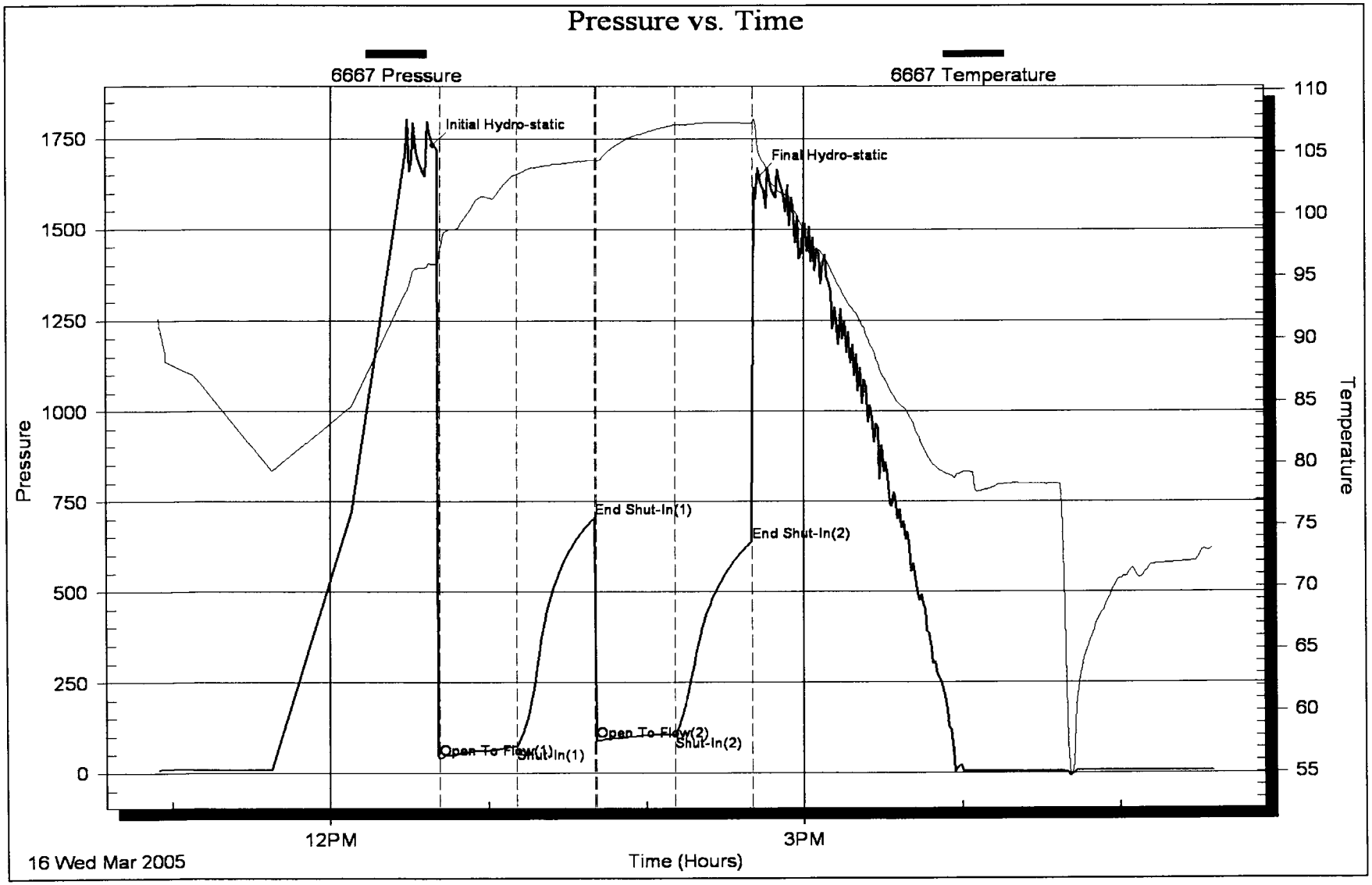
Length ft	Description	Volume bbl
100.00	G&OCWM 20%g 20%o 16%w 44%m	0.806
120.00	O&GCMW 5%o 20%g 25%m 50%w	0.967
0.00	Rw .11 ohms @ 62 Deg. F	0.000
0.00	315' GIP	0.000

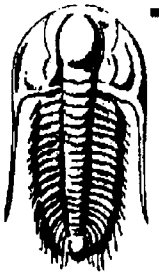
Total Length: 220.00 ft Total Volume: 1.773 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
55
12PM
3PM
16 Wed Mar 2005
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

21-22s-13w Stafford

Alpers #1

Start Date: 2005.03.17 @ 01:36:52
End Date: 2005.03.17 @ 08:29:22
Job Ticket #: 21089 DST #: 5

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

DRILL STEM TEST REPORT

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21089 **DST#: 5**

Test Start: 2005.03.17 @ 01:36:52

GENERAL INFORMATION:

Formation: **Kansas City: K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:41:52
Time Test Ended: 08:29:22

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 19

Interval: 3599.00 ft (KB) To 3645.00 ft (KB) (TVD)
Total Depth: 3594.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

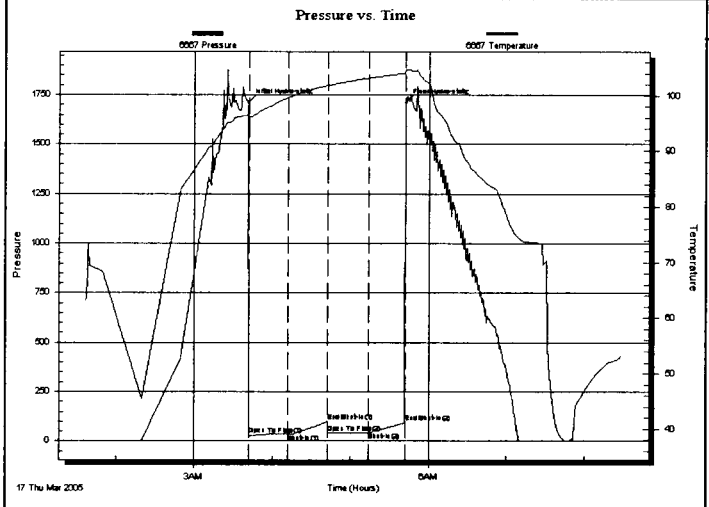
Reference Elevations: 1907.00 ft (KB)
1898.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: 42.93 psig @ 3604.00 ft (KB)
Start Date: 2005.03.17 End Date: 2005.03.17
Start Time: 01:36:57 End Time: 08:29:21

Capacity: 7000.00 psig
Last Calib.: 2002.03.17
Time On Btm: 2005.03.17 @ 03:41:37
Time Off Btm: 2005.03.17 @ 05:42:07

TEST COMMENT: IF: Very weak blow . 2" @ 30min.
ISI: Bled off. No blow .
FF: Very weak blow . 2" @ 30min.
FSI: Bled off. No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.49	96.48	Initial Hydro-static
1	30.51	95.52	Open To Flow (1)
31	33.95	99.65	Shut-In(1)
61	99.21	101.86	End Shut-In(1)
61	38.59	101.85	Open To Flow (2)
92	42.93	103.17	Shut-In(2)
121	93.33	104.02	End Shut-In(2)
121	1709.05	104.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OSGCWM 3%o 5%g 22%w 70%m	0.48
0.00	No gas in pipe.	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21089 **DST#: 5**

Test Start: 2005.03.17 @ 01:36:52

Tool Information

Drill Pipe:	Length:	3366.00 ft	Diameter:	3.50 inches	Volume:	40.06 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	244.00 ft	Diameter:	2.88 inches	Volume:	1.97 bbl	
					Total Volume:	42.03 bbl	

Drill Pipe Above KB:	34.00 ft
Depth to Top Packer:	3599.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	46.00 ft
Tool Length:	69.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	90000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	61000.00 lb
Final	61000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3581.00		
Hydraulic tool	5.00			3586.00		
Safety Joint	3.00			3589.00		
Packer	5.00			3594.00	23.00	Bottom Of Top Packer
Packer	5.00			3599.00		
Stubb	1.00			3600.00		
Perforations	3.00			3603.00		
Change Over Sub	1.00			3604.00		
Recorder	0.00	6667	Inside	3604.00		
Blank Spacing	32.00			3636.00		
Perforations	5.00			3641.00		
Change Over Sub	1.00			3642.00		
Recorder	0.00	6074	Inside	3642.00		
Bullnose	3.00			3645.00	46.00	Bottom Packers & Anchor
Total Tool Length:	**69.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum, Inc.

4924 SE 84th St.
New ton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21089 **DST#: 5**

Test Start: 2005.03.17 @ 01:36:52

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:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

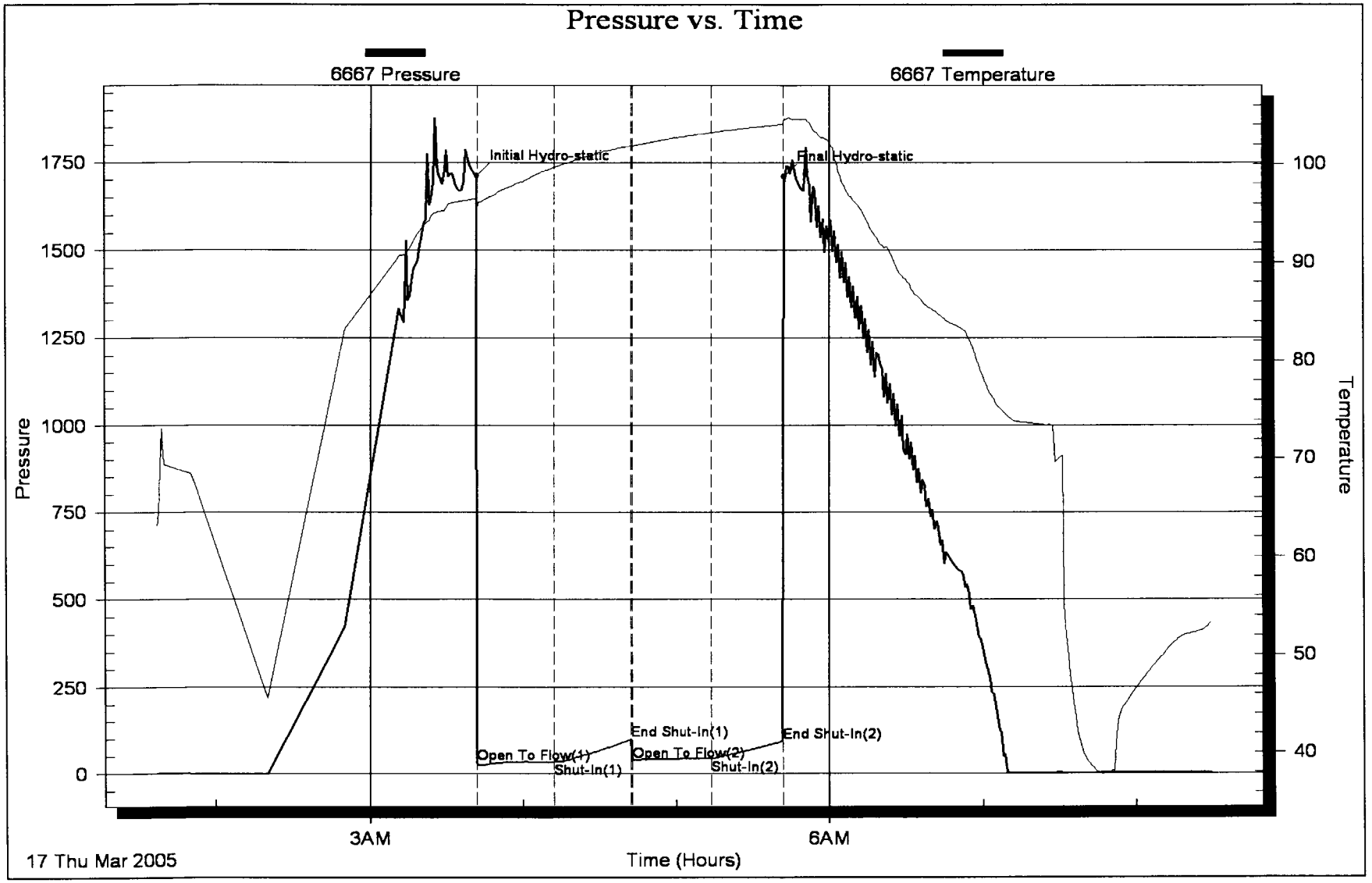
Length ft	Description	Volume bbl
60.00	OSGCWM 3%o 5%g 22%w 70%m	0.483
0.00	No gas in pipe.	0.000

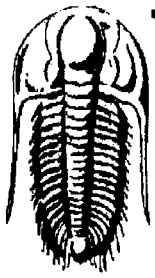
Total Length: 60.00 ft Total Volume: 0.483 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
100
90
80
70
60
50
40
3AM
6AM
17 Thu Mar 2005
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

21-22s-13w Stafford

Alpers #1

Start Date: 2005.03.18 @ 01:26:54
End Date: 2005.03.18 @ 09:05:39
Job Ticket #: 21090 DST #: 6

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

DRILL STEM TEST REPORT

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21090 **DST#: 6**

Test Start: 2005.03.18 @ 01:26:54

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:56:39
Time Test Ended: 09:05:39

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 19

Interval: 3828.00 ft (KB) To 3839.00 ft (KB) (TVD)
Total Depth: 3594.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

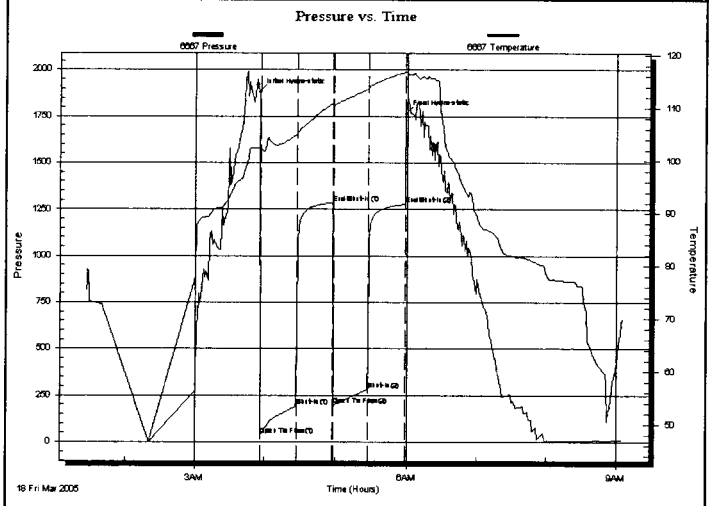
Reference Elevations: 1907.00 ft (KB)
1898.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: 280.36 psig @ 3829.00 ft (KB)
Start Date: 2005.03.18 End Date: 2005.03.18
Start Time: 01:26:59 End Time: 09:05:38

Capacity: 7000.00 psig
Last Calib.: 2002.03.18
Time On Btm: 2005.03.18 @ 03:55:09
Time Off Btm: 2005.03.18 @ 05:58:54

TEST COMMENT: IF: Fair to strong blow . BOB 14min.
ISI: Bled off. 1/4" blow back.
FF: Fair to strong blow . BOB 19min.
ISI: Bled off. Very w eak blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.03	102.32	Initial Hydro-static
2	34.77	101.40	Open To Flow (1)
32	192.21	104.99	Shut-In(1)
62	1285.57	110.82	End Shut-In(1)
63	195.50	110.56	Open To Flow (2)
92	280.36	113.56	Shut-In(2)
124	1277.84	116.79	End Shut-In(2)
124	1763.44	116.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
244.00	MW w/Oil specs 0%g 1%o 89%w 10%m	1.97
185.00	SOCMW 0%g 5%o 87%w 8%m	2.20
125.00	OCMW 0%g 30%o 60%w 10%r	1.49
45.00	M&WCO 0%g 75%0 20%w 5%m	0.54
0.00	120' of GIP	0.00
0.00	Rw .28ohms @ 62deg f	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21090 **DST#: 6**

Test Start: 2005.03.18 @ 01:26:54

Tool Information

Drill Pipe:	Length:	3586.00 ft	Diameter:	3.50 inches	Volume:	42.67 bbl	Tool Weight:		2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	244.00 ft	Diameter:	2.88 inches	Volume:	1.97 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	44.64 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight:	Initial	60000.00 lb
Depth to Top Packer:		3828.00 ft						Final	64000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		11.00 ft							
Tool Length:		39.00 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			3805.00		
Hydraulic tool	5.00			3810.00		
Jars	5.00			3815.00		
Safety Joint	3.00			3818.00		
Packer	5.00			3823.00	28.00	Bottom Of Top Packer
Packer	5.00			3828.00		
Stubb	1.00			3829.00		
Recorder	0.00	6667	Inside	3829.00		
Perforations	7.00			3836.00		
Recorder	0.00	6074	Outside	3836.00		
Bullnose	3.00			3839.00	11.00	Bottom Packers & Anchor
Total Tool Length:	**39.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114-8827

ATTN: Bob Schreiber

Alpers #1

21-22s-13w Stafford

Job Ticket: 21090 **DST#: 6**

Test Start: 2005.03.18 @ 01:26:54

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:	29000 ppm
Viscosity:	63.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	13.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	9000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

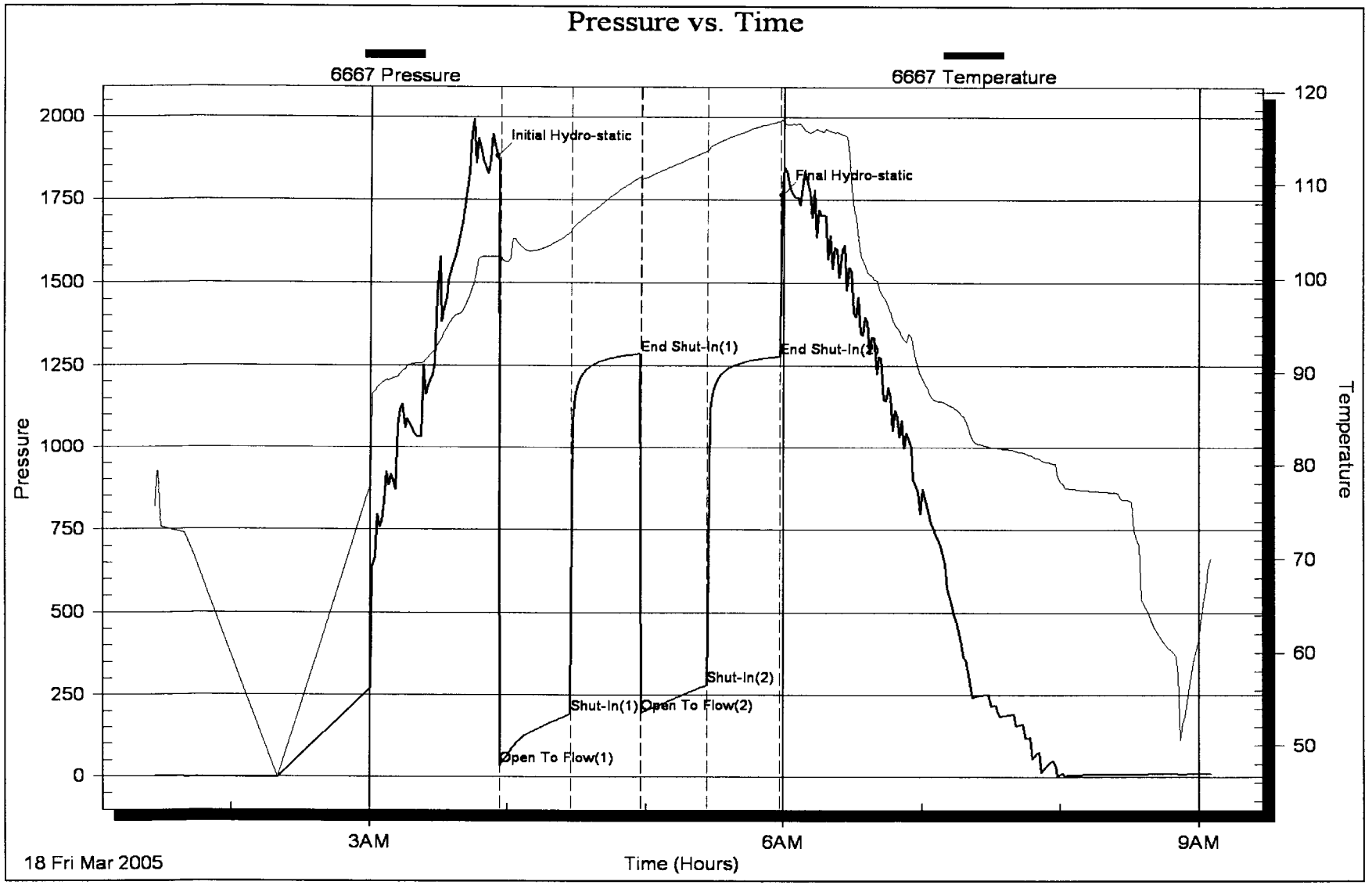
Length ft	Description	Volume bbl
244.00	MW w/Oil specs 0%g 1%o 89%w 10%m	1.966
185.00	SOCMW 0%g 5%o 87%w 8%m	2.201
125.00	OCMW 0%g 30%o 60%w 10%m	1.487
45.00	M&WCO 0%g 75%0 20%w 5%m	0.535
0.00	120' of GIP	0.000
0.00	Rw .28ohms @ 62deg f	0.000

Total Length: 599.00 ft Total Volume: 6.189 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
3AM
6AM
9AM
18 Fri Mar 2005
Time (Hours)