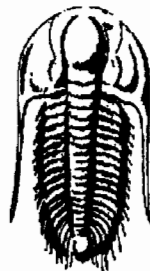


28-19s-24w

15-135-24322



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

CONFIDENTIAL

Prepared for: Pintail Petroleum Ltd.

225 N Market Ste #300
Wichita, KS. 67202

ATTN: Flip Phillips

APR 03 2005

28-19S-24W Ness

CONFIDENTIAL

Bain CC #1-28

Start Date: 2004.12.16 @ 03:05:06

End Date: 2004.12.16 @ 10:46:06

Job Ticket #: 20149

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

CONFIDENTIAL

ORIGINAL


**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pintail Petroleum Ltd.

Bain CC #1-28

225 N Market Ste #300
Wichita KS. 67202

28-19S-24W Ness

Job Ticket: 20149

DST#: 1

ATTN: Flip Phillips

Test Start: 2004.12.16 @ 03:05:06

GENERAL INFORMATION:

Formation: **Ft. Scott**Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 05:15:21

Time Test Ended: 10:46:06

Interval: **4220.00 ft (KB) To 4270.00 ft (KB) (TVD)**Total Depth: **4270.00 ft (KB) (TVD)**Hole Diameter: **7.88 inches** Hole Condition: **Good**

KCC

APR 05 2005

CONFIDENTIAL

Test Type: **Conventional Bottom Hole**Tester: **Rod Steinbrink**Unit No: **22**Reference Elevations: **2284.00 ft (KB)****2279.00 ft (CF)**KB to GR/CF: **5.00 ft**Serial #: **6798**

Inside

Press@RunDepth: **199.01 psig @ 4221.00 ft (KB)**Start Date: **2004.12.16**

End Date:

Start Time: **03:05:11**

End Time:

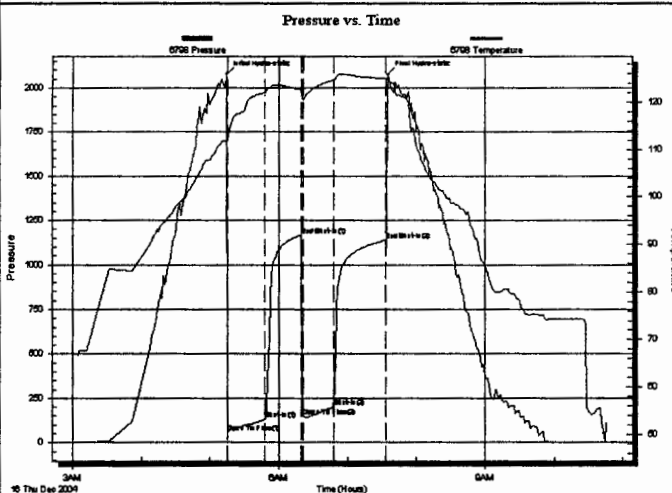
INTERVAL

2004.12.16

10:46:05

Capacity: **7000.00 psig**Last Calib.: **1899.12.30**Time On Btm: **2004.12.16 @ 05:14:21**Time Off Btm: **2004.12.16 @ 07:35:21**

TEST COMMENT: IF; Strong Blow off btm in 2 1/2 mins
IS; Fair return off btm in 4 mins
FF; Fair to strong off btm in 5 min
FS; GTS in 5 mins w hile bleeding off



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2076.40	111.90	Initial Hydro-static
1	52.39	112.18	Open To Flow (1)
34	129.04	122.06	Shut-In(1)
65	1167.75	122.69	End Shut-In(1)
67	149.30	120.63	Open To Flow (2)
94	199.01	124.70	Shut-In(2)
140	1138.78	125.03	End Shut-In(2)
141	2074.03	124.95	Final Hydro-static

Recovery

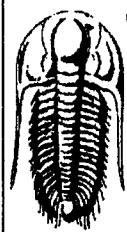
Length (ft)	Description	Volume (bbl)
500.00	CGO 50%g 50%o	5.41
90.00	GOCM 35%g 10%o 55%m	1.26

Gas Rates

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

ORIGINAL


TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum Ltd.

Bain CC #1-28

225 N Market Ste #300
Wichita KS. 67202

28-19S-24W Ness

Job Ticket: 20149

DST#: 1

ATTN: Flip Phillips

Test Start: 2004.12.16 @ 03:05:06

Tool Information

Drill Pipe:	Length: 4057.00 ft	Diameter: 3.80 inches	Volume: 56.91 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 57.78 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4220.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

KCC

APR 05 2005

CONFIDENTIAL

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4206.00	
Hydraulic tool	5.00			4211.00	
Packer	5.00			4216.00	19.00 Bottom Of Top Packer
Packer	4.00			4220.00	
Stubb	1.00			4221.00	
Recorder	0.00	6798	Inside	4221.00	
Perforations	11.00			4232.00	
Change Over Sub	1.00			4233.00	
Anchor	31.00			4264.00	
Change Over Sub	1.00			4265.00	
Recorder	0.00	13309	Outside	4265.00	
Bullnose	5.00			4270.00	50.00 Bottom Packers & Anchor

Total Tool Length: 69.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum Ltd.

225 N Market Ste #300
Wichita KS. 67202

ATTN: Flip Phillips

Bain CC #1-28

28-19S-24W Ness

Job Ticket: 20149

DST#: 1

Test Start: 2004.12.16 @ 03:05:06

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.59 in³

Resistivity: ohm.m

Salinity: 1900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

39 deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	CGO 50%g 50%o	5.410
90.00	GOCM 35%g 10%o 55%m	1.262

Total Length: 590.00 ft

Total Volume: 6.672 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

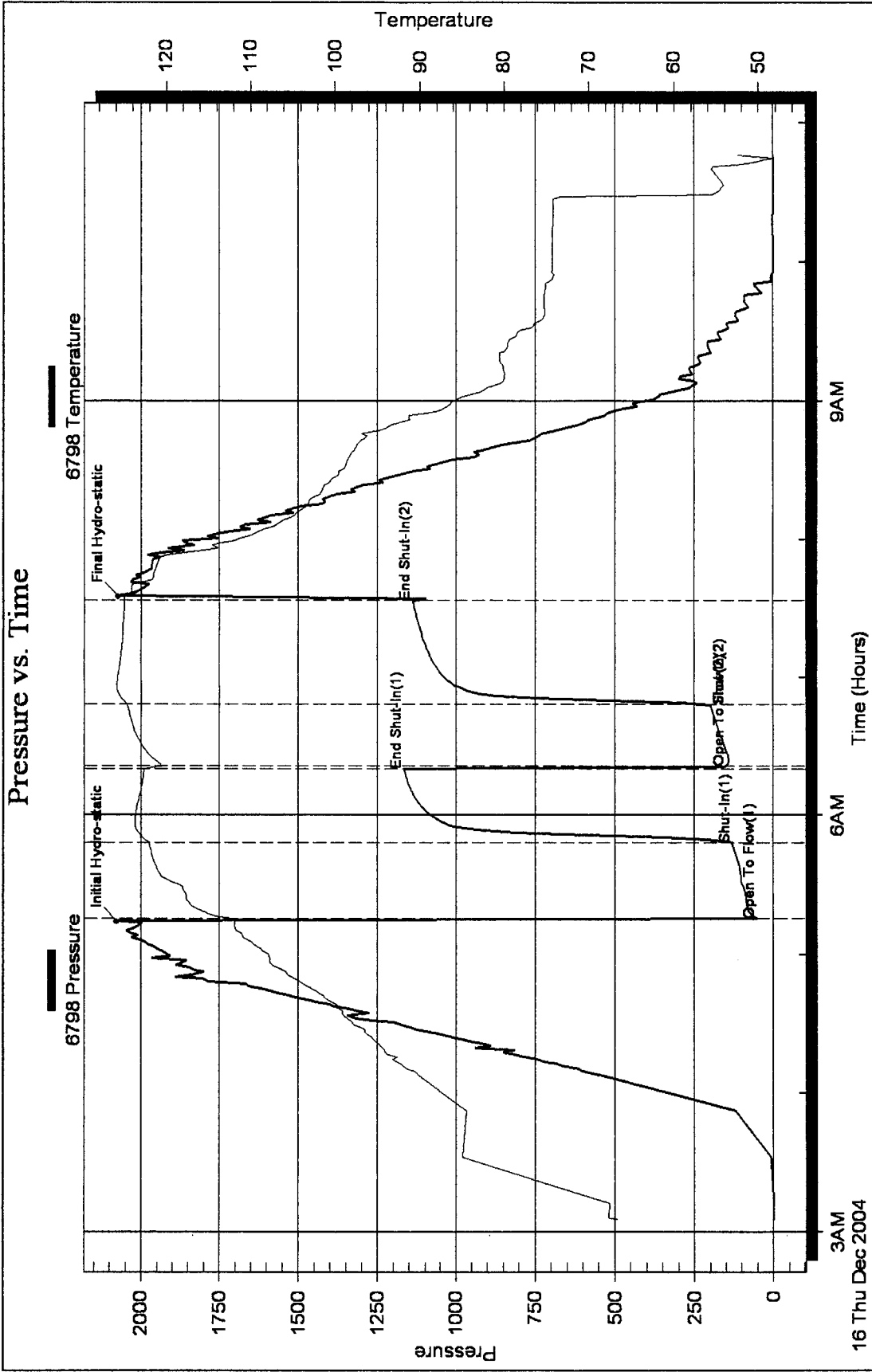
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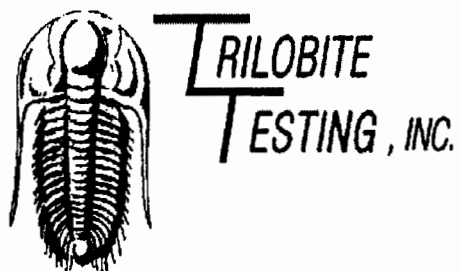
Inside

Fintail Petroleum Ltd.

28-19S-24W/Ness

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum Ltd.**

225 N Market Ste #300
Wichita KS. 67202

ATTN: Flip Phillips

28-19S-24W Ness

Bain CC #1-28

Start Date: 2004.12.16 @ 22:32:01

End Date: 2004.12.17 @ 05:15:01

Job Ticket #: 20150

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Pintail Petroleum Ltd.

225 N Market Ste #300
Wichita KS. 67202

ATTN: Flip Phillips

Bain CC #1-28

28-19S-24W Ness

Job Ticket: 20150

DST#: 2

Test Start: 2004.12.16 @ 22:32:01

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:46

Time Test Ended: 05:15:01

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **4344.00 ft (KB) To 4360.00 ft (KB) (TVD)**

Total Depth: 4360.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2284.00 ft (KB)

2279.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6798

Inside

Press@RunDepth: 142.31 psig @ 4345.00 ft (KB)

Start Date: 2004.12.16

End Date:

2004.12.17

Start Time: 22:32:06

End Time:

05:15:00

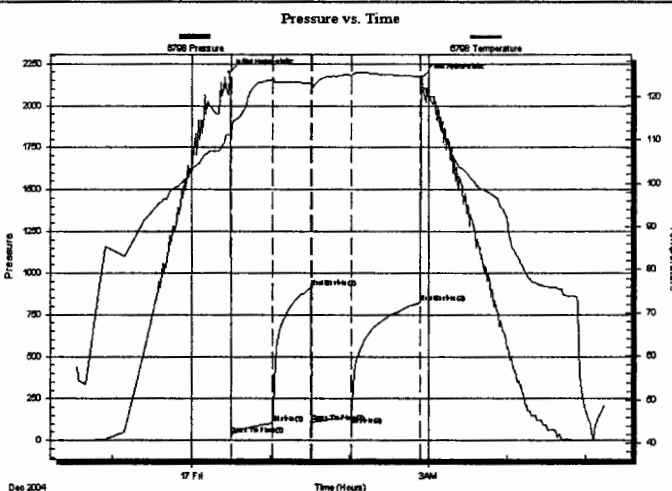
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.12.17 @ 00:28:31

Time Off Btm: 2004.12.17 @ 02:55:01

TEST COMMENT: IF; Weak to fair off btm in 13 mins
IS; Weak intermitten 1/2"
FF; Weak to fair off btm in 20 mins
FS; No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.02	111.17	Initial Hydro-static
2	33.35	111.24	Open To Flow (1)
33	103.05	123.89	Shut-In(1)
62	913.89	122.96	End Shut-In(1)
63	107.83	122.05	Open To Flow (2)
93	142.31	124.85	Shut-In(2)
146	823.54	124.59	End Shut-In(2)
147	2169.64	122.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	GOWCM 10%g 5%o 10%w 75%m	0.29
59.00	GOCM 10%g 5%o 85%m	0.29
242.00	CGO 15%g 85%o	3.39
999.00	300 GIP	14.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum Ltd.

225 N Market Ste #300
Wichita KS. 67202

ATTN: Flip Phillips

Bain CC #1-28

28-19S-24W Ness

Job Ticket: 20150

DST#: 2

Test Start: 2004.12.16 @ 22:32:01

Tool Information

Drill Pipe:	Length: 4215.00 ft	Diameter: 3.80 inches	Volume: 59.13 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 59.71 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4344.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	35.00 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			4330.00	
Hydraulic tool	5.00			4335.00	
Packer	5.00			4340.00	19.00 Bottom Of Top Packer
Packer	4.00			4344.00	
Stubb	1.00			4345.00	
Recorder	0.00	6798	Inside	4345.00	
Perforations	10.00			4355.00	
Recorder	0.00	13309	Outside	4355.00	
Bullnose	5.00			4360.00	16.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum Ltd.

Bain CC #1-28

225 N Market Ste #300
Wichita KS. 67202

28-19S-24W Ness

Job Ticket: 20150

DST#: 2

ATTN: Flip Phillips

Test Start: 2004.12.16 @ 22:32:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
59.00	GOWCM 10%g 5%o 10%w 75%m	0.290
59.00	GOCM 10%g 5%o 85%m	0.290
242.00	CGO 15%g 85%o	3.395
999.00	300 GIP	14.013

Total Length: 1359.00 ft

Total Volume: 17.988 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

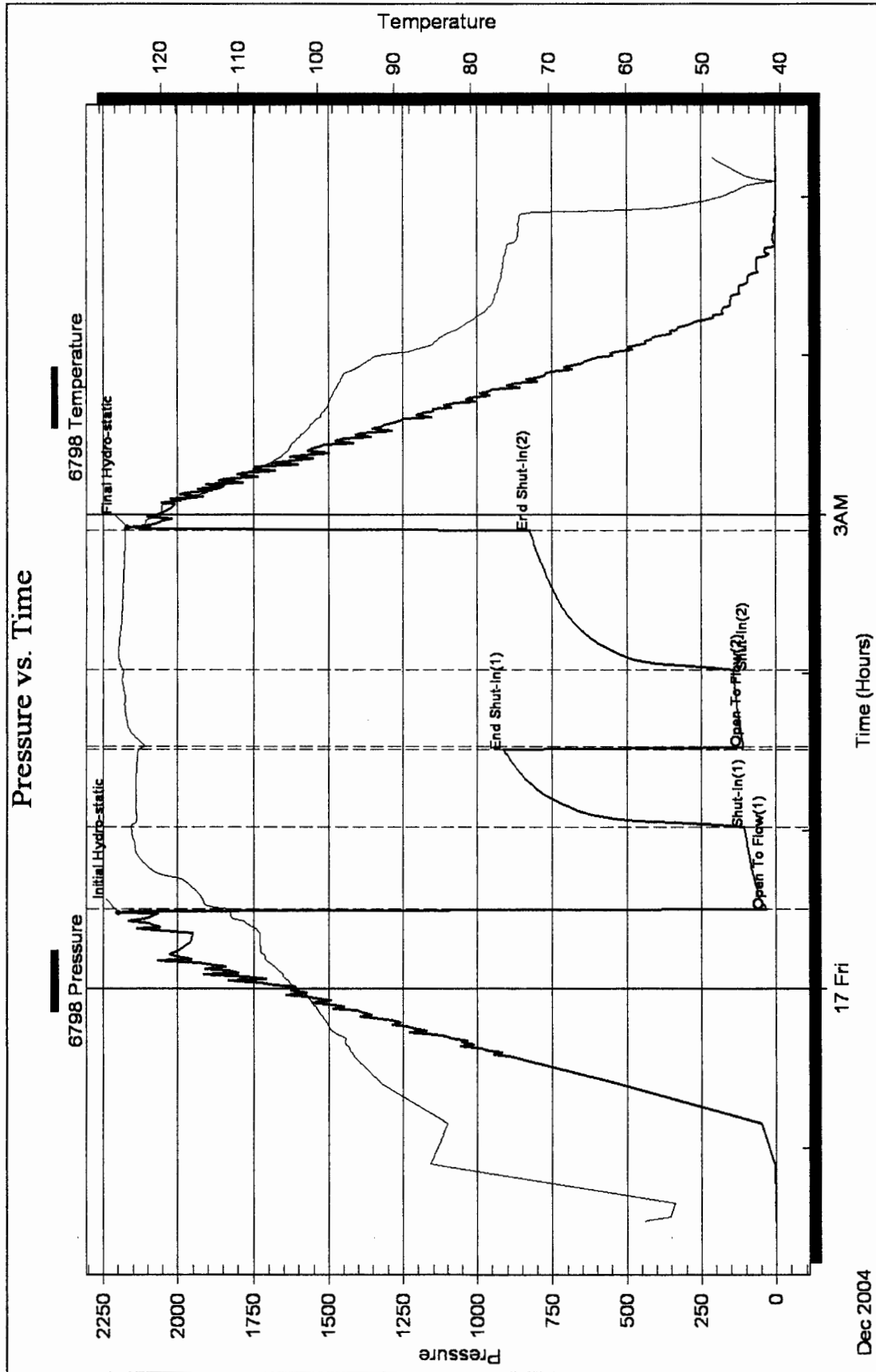
Serial #: 6798

Inside

Frontal Petroleum Ltd.

28-19S-24WNess

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 20150

Printed: 2004.12.22 @ 11:49:06 Page 5