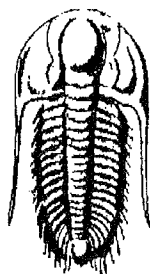


15-065-22949

20-8s-22w

ORIGINAL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil, Inc.**

PO Box 1469
Plainfield, IL. 60544

ATTN: Todd Morgenstern

20-8s-22w-Graham

White Trust #1

Start Date: 2004.02.05 @ 04:23:48

End Date: 2004.02.05 @ 09:47:03

Job Ticket #: 18368

DST #: 1

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Russell Oil, Inc.

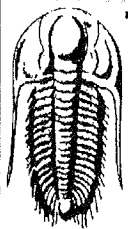
White Trust #1

20-8s-22w-Graham

DST #1

LKC "I-J"

2004.02.05



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.

PO Box 1469
Plainfield, IL. 60544

ATTN: Todd Morgenstern

White Trust #1

20-8s-22w-Graham

Job Ticket: 18368

DST#: 1

Test Start: 2004.02.05 @ 04:23:48

GENERAL INFORMATION:

Formation: LKC "I-J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:08:48

Time Test Ended: 09:47:03

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: 3578.00 ft (KB) To 3615.00 ft (KB) (TVD)

Total Depth: 3615.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Reference Elevations: 2189.00 ft (KB)

2184.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6627

Inside

Press@RunDepth: 12.93 psig @ 3582.00 ft (KB)

Start Date: 2004.02.05

End Date:

2004.02.05

Start Time: 04:23:50

End Time:

09:47:03

Capacity:

7000.00 psig

Last Calib.:

1899.12.30

Time On Btm:

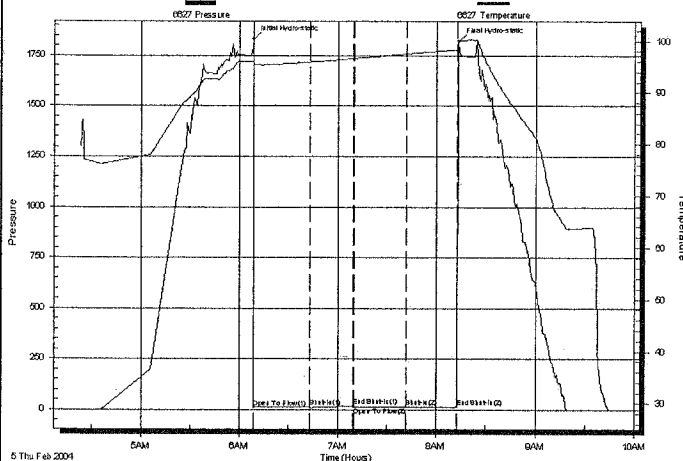
2004.02.05 @ 06:08:33

Time Off Btm:

2004.02.05 @ 08:13:33

TEST COMMENT: IFP-Weak Surface Blow, Died in 15 min.
FFP-No Blow

Pressure vs. Time



PRESSURE SUMMARY

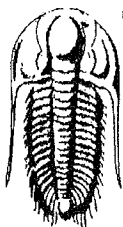
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1831.20	95.82	Initial Hydro-static
1	11.51	95.42	Open To Flow (1)
35	12.32	95.90	Shut-In(1)
61	18.34	96.59	End Shut-In(1)
62	12.34	96.59	Open To Flow (2)
94	12.93	97.48	Shut-In(2)
125	16.17	98.33	End Shut-In(2)
125	1821.92	99.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil, Inc.

White Trust #1

PO Box 1469
Plainfield, IL. 60544

20-8s-22w-Graham

Job Ticket: 18368

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2004.02.05 @ 04:23:48

Tool Information

Drill Pipe:	Length: 3232.00 ft	Diameter: 3.80 inches	Volume: 45.34 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:	50000.00 lb
			Total Volume: 47.04 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3578.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	37.00 ft				
Tool Length:	58.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

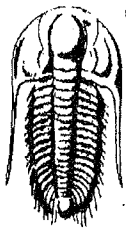
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3558.00	
Shut In Tool	5.00			3563.00	
Hydraulic tool	5.00			3568.00	
Packer	5.00			3573.00	21.00 Bottom Of Top Packer
Packer	5.00			3578.00	
Stubb	1.00			3579.00	
Perforations	3.00			3582.00	
Recorder	0.00	6627	Inside	3582.00	
Perforations	30.00			3612.00	
Recorder	0.00	13252	Outside	3612.00	
Bullnose	3.00			3615.00	37.00 Bottom Packers & Anchor

Total Tool Length: 58.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

White Trust #1

PO Box 1469
Plainfield, IL. 60544

20-8s-22w-Graham

Job Ticket: 18368

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2004.02.05 @ 04:23:48

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: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

Total Length: 2.00 ft

Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6627

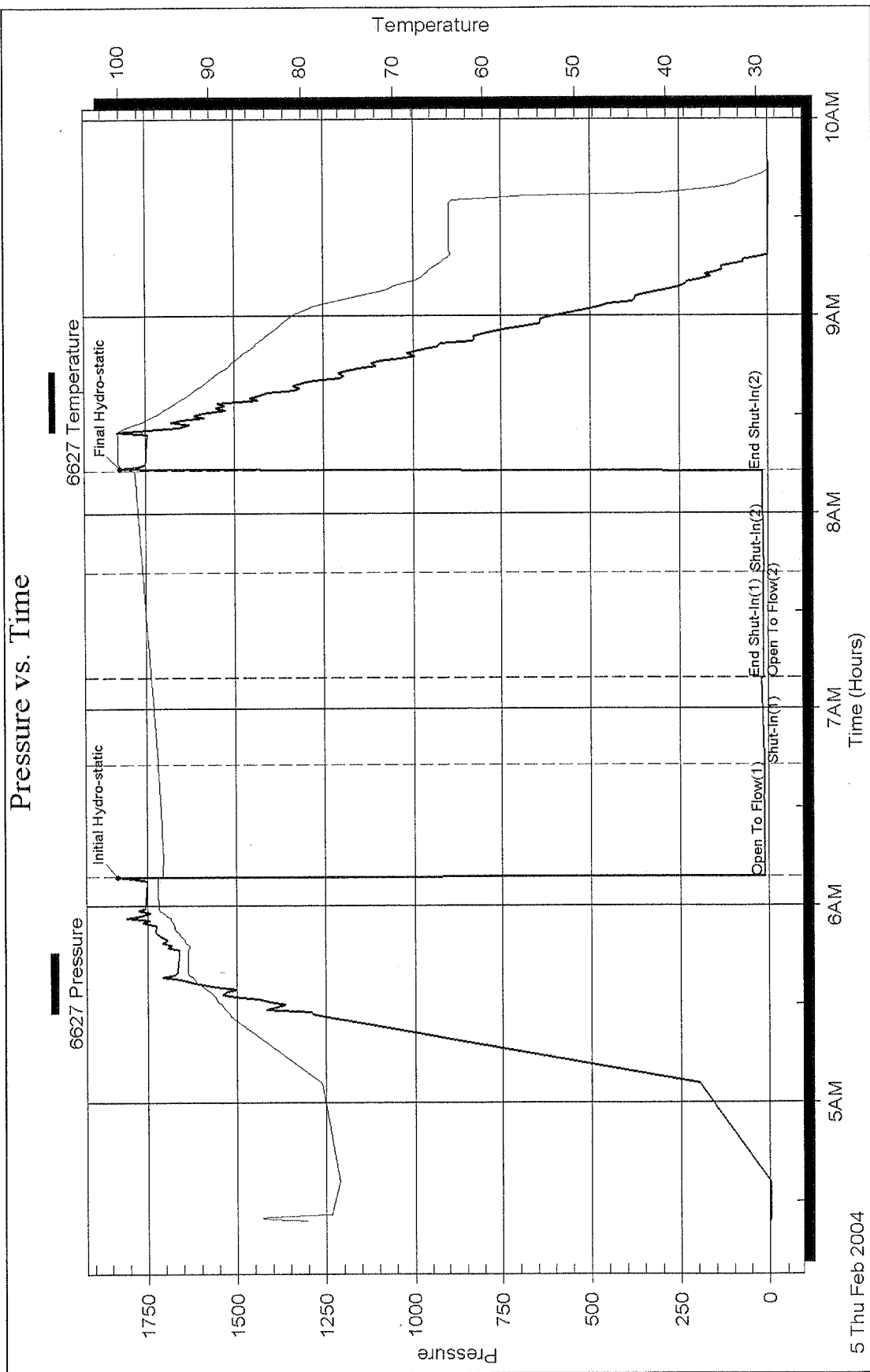
Inside

Russell Oil, Inc.

20-8s-22w - Graham

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

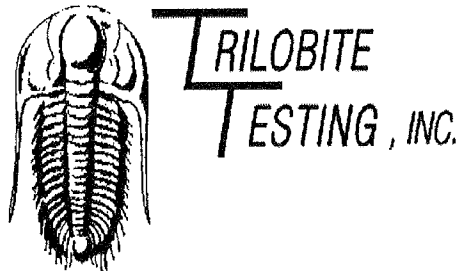
Ref. No: 18368

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ORIGINAL



DRILL STEM TEST REPORT

Prepared For: **Russell Oil, Inc.**

PO Box 1469
Plainfield, IL. 60544

ATTN: Todd Morgenstern

20-8s-22w-Graham

White Trust #1

Start Date: 2004.02.06 @ 06:30:05

End Date: 2004.02.06 @ 14:12:35

Job Ticket #: 18369

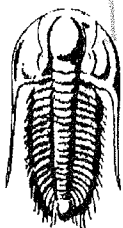
DST #: 2

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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

Russell Oil, Inc.

PO Box 1469
Plainfield, IL. 60544

ATTN: Todd Morgenstern

White Trust #1

20-8s-22w-Graham

Job Ticket: 18369

DST#: 2

Test Start: 2004.02.06 @ 06:30:05

GENERAL INFORMATION:

Formation: **LKC 50'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:22:05

Time Test Ended: 14:12:35

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **3481.00 ft (KB) To 3499.00 ft (KB) (TVD)**

Total Depth: 3615.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Reference Elevations: 2189.00 ft (KB)

2184.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6627

Inside

Press@RunDepth: 144.02 psig @ 3484.00 ft (KB)

Start Date: 2004.02.06

End Date:

2004.02.06

Start Time: 06:30:07

End Time:

14:12:35

Capacity: 7000.00 psig

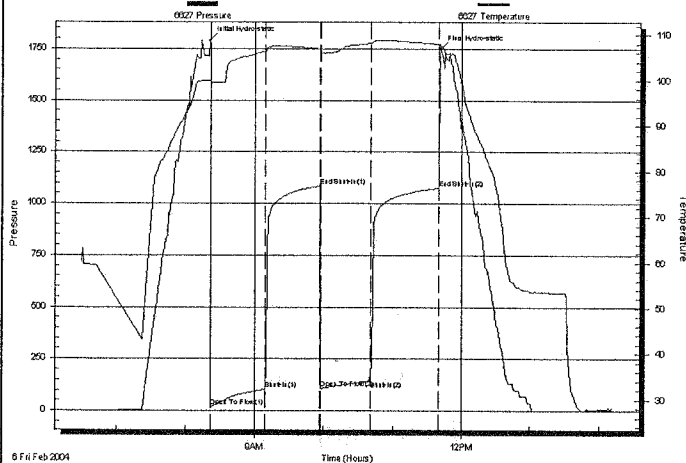
Last Calib.: 1899.12.30

Time On Btm: 2004.02.06 @ 08:21:05

Time Off Btm: 2004.02.06 @ 11:41:35

TEST COMMENT: IFP- Good Blow ,BOB in 38 min, 1/8" Blow back
FFP-Good Blow Built to 8-1/2", Surface Blow back for 15 min., then intermittent

Pressure vs. Time



PRESSURE SUMMARY

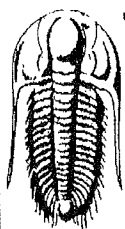
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1789.37	99.98	Initial Hydro-static
1	18.20	98.85	Open To Flow (1)
48	102.83	106.35	Shut-In(1)
96	1084.28	106.95	End Shut-In(1)
96	107.64	106.42	Open To Flow (2)
139	144.02	108.15	Shut-In(2)
200	1075.54	107.99	End Shut-In(2)
201	1751.12	107.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Muddy Water	1.09
60.00	Muddy Water/Oil Show	0.84
45.00	Clean Oil	0.63

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil, Inc.

White Trust #1

PO Box 1469
Plainfield, IL. 60544

20-8s-22w-Graham

Job Ticket: 18369

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2004.02.06 @ 06:30:05

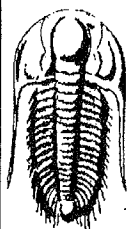
Tool Information

Drill Pipe:	Length: 3321.00 ft	Diameter: 3.80 inches	Volume: 46.58 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 157.00 ft	Diameter: 2.25 inches	Volume: 0.77 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:	50000.00 lb
		Total Volume:	47.35 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	49000.00 lb
Depth to Top Packer:	3481.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	223.00 ft				
Tool Length:	244.00 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			3461.00	
Shut In Tool	5.00			3466.00	
Hydraulic tool	5.00			3471.00	
Packer	5.00			3476.00	21.00 Bottom Of Top Packer
Packer	5.00			3481.00	
Stubb	1.00			3482.00	
Perforations	2.00			3484.00	
Recorder	0.00	6627	Inside	3484.00	
Perforations	10.00			3494.00	
Recorder	0.00	13252	Outside	3494.00	
Blank Off Sub	1.00			3495.00	223.00 Tool Interval
Packer	5.00			3500.00	
Stubb	1.00			3501.00	
Change Over Sub	1.00			3502.00	
Blank Spacing	189.00			3691.00	
Change Over Sub	1.00			3692.00	
Perforations	9.00			3701.00	
Recorder	0.00	13221	Below	3701.00	
Bullnose	3.00			3704.00	1000243.00 Bottom Packers & Anchor

Total Tool Length: 244.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

White Trust #1

PO Box 1469
Plainfield, IL. 60544

20-8s-22w-Graham

Job Ticket: 18369

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2004.02.06 @ 06:30:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

30000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Muddy Water	1.095
60.00	Muddy Water/Oil Show	0.842
45.00	Clean Oil	0.631

Total Length: 285.00 ft

Total Volume: 2.568 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6627

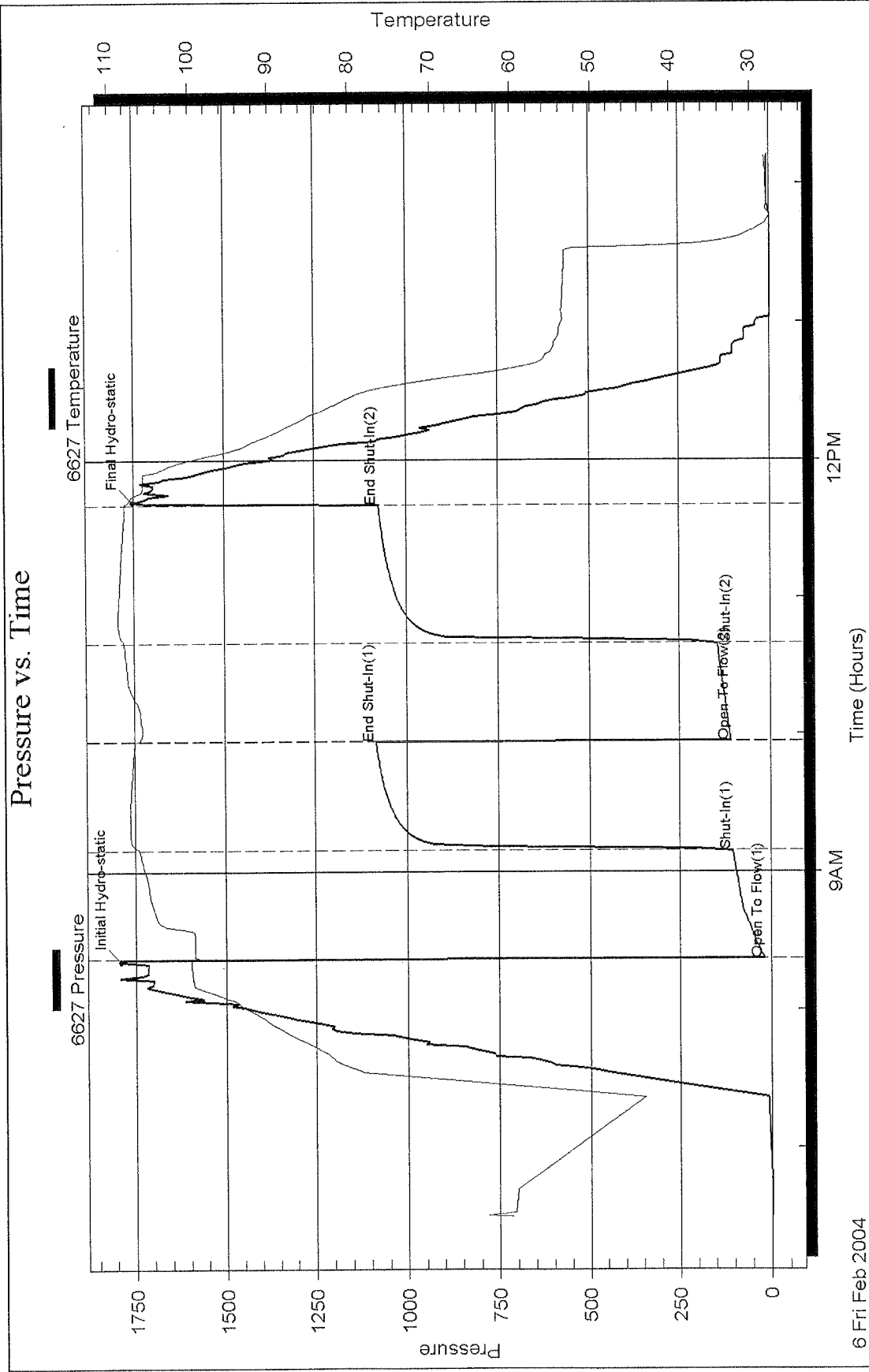
Inside

Russell Oil, Inc.

20-8s-22w - Graham

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 18369

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JUN 04 2004

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