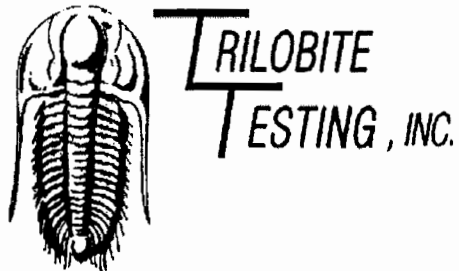


KCC
OCT 15 2004
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum, corp.**

8080 E. central Ste 300
Wichita, Ks 67206

ATTN: Cory Baker

3-30S-9W

Holgerson-Twyman #4-3

Start Date: 2004.07.23 @ 14:57:30

End Date: 2004.07.23 @ 23:38:30

Job Ticket #: 19702 DST #: 1

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FROM
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

McCoy Petroleum, corp.

8080 E. central Ste 300
Wichita, Ks 67206

ATTN: Cory Baker

Holgerson-Twyman #4-3

3-30S-9W

Job Ticket: 19702

DST#: 1

Test Start: 2004.07.23 @ 14:57:30

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:13:15

Time Test Ended: 23:38:30

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **4238.00 ft (KB) To 4252.00 ft (KB) (TVD)**

Total Depth: 4252.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1854.00 ft (KB)

1845.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6625** Inside

Press@RunDepth: 36.53 psig @ 4240.00 ft (KB)

Start Date: 2004.07.23 End Date: 2004.07.23

Start Time: 14:57:33 End Time: 23:38:30

Capacity: 7000.00 psig

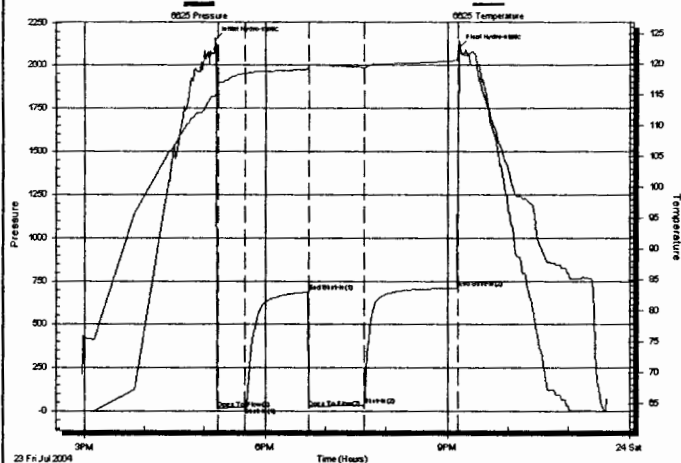
Last Calib.: 2004.07.23

Time On Btm: 2004.07.23 @ 17:10:45

Time Off Btm: 2004.07.23 @ 21:11:45

TEST COMMENT: IF: Fair blow b.o.b in 2mins.50sec.
IS: Bled down for 10 mins. built back to 3" in H2O bucket.
FF: Strong blow b.o.b in 15 sec. GTS in 17 mins. gauge gas.
FS: Bled down for 15 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2148.32	114.84	Initial Hydro-static
3	14.56	116.65	Open To Flow (1)
30	24.53	118.44	Shut-In (1)
93	685.70	119.15	End Shut-In (1)
93	17.68	119.55	Open To Flow (2)
149	36.53	119.40	Shut-In (2)
240	709.55	120.59	End Shut-In (2)
241	2100.21	123.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4163' of gip	0.00
65.00	SGCM 10% gas 90% mud	0.32

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum, corp.

8080 E. central Ste 300
Wichita, Ks 67206

ATTN: Cory Baker

Holgerson-Twyman #4-3

3-30S-9W

Job Ticket: 19702

DST#: 1

Test Start: 2004.07.23 @ 14:57:30

Tool Information

Drill Pipe:	Length: 3988.89 ft	Diameter: 3.80 inches	Volume: 55.95 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: 240.11 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	57.13 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4238.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4215.00	
Shut In Tool	5.00			4220.00	
Hydraulic tool	5.00			4225.00	
Safety Joint	3.00			4228.00	
Packer	5.00			4233.00	24.00 Bottom Of Top Packer
Packer	5.00			4238.00	
Stubb	2.00			4240.00	
Recorder	0.00	6625	Inside	4240.00	
Anchor	9.00			4249.00	
Recorder	0.00	10991	Outside	4249.00	
Bullnose	3.00			4252.00	14.00 Bottom Packers & Anchor

Total Tool Length: 38.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum, corp.

Holgerson-Twyman #4-3

8080 E. central Ste 300
Wichita, Ks 67206

3-30S-9W

Job Ticket: 19702

DST#: 1

ATTN: Cory Baker

Test Start: 2004.07.23 @ 14:57:30

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.90 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4163' of gip	0.000
65.00	SGCM 10% gas 90% mud	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

DST Test Number: 1

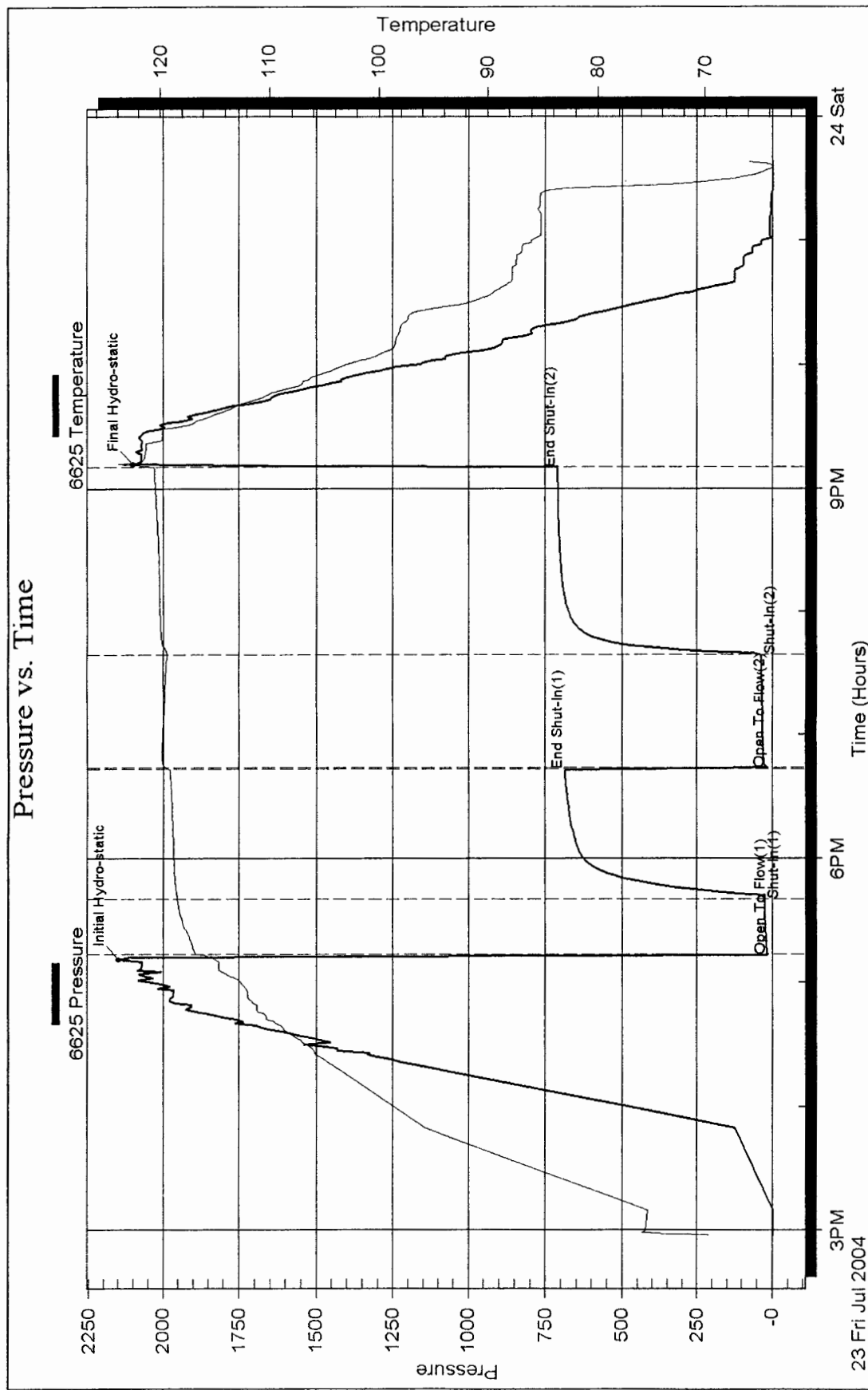
3-30S-9W

McCoy Petroleum, corp.

Inside

Serial #: 6625

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 19702

Printed: 2004.08.02 @ 11:11:51 Page 5

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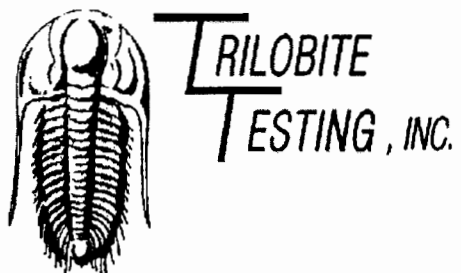


GAS VOLUME REPORT

1

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DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum,corp.**

8080 E.central Ste 300
Wichita, Ks 67206

ATTN: Cory Baker

3-30S-9W

Holgerson-Twyman #4-3

Start Date: 2004.07.24 @ 08:10:07

End Date: 2004.07.24 @ 17:06:37

Job Ticket #: 19703

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

McCoy Petroleum, corp.

8080 E. central Ste 300
Wichita, Ks 67206

ATTN: Cory Baker

Holgerson-Twyman #4-3

3-30S-9W

Job Ticket: 19703

DST#: 2

Test Start: 2004.07.24 @ 08:10:07

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:11:22

Time Test Ended: 17:06:37

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **4239.00 ft (KB) To 4262.00 ft (KB) (TVD)**

Total Depth: 4262.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1854.00 ft (KB)

1845.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6625**

Inside

Press@RunDepth: 77.10 psig @ 4241.00 ft (KB)

Start Date: 2004.07.24

End Date: 2004.07.24

Start Time: 08:10:10

End Time: 17:06:37

Capacity: 7000.00 psig

Last Calib.: 2004.07.24

Time On Btm: 2004.07.24 @ 10:10:07

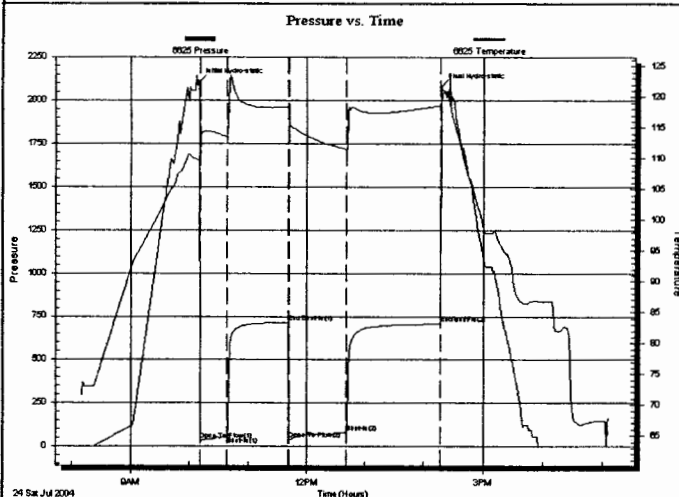
Time Off Btm: 2004.07.24 @ 14:17:52

TEST COMMENT: IF: Strong blow b.o.b in 30 sec. GTS in 10 mins. gauge gas.

IS: Bled down n for 10 mins. no blow back.

FF: Strong blow b.o.b in 15 sec. gauge gas.

FS: Bled down n for 20 mins. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.15	109.79	Initial Hydro-static
2	32.93	113.66	Open To Flow (1)
29	58.37	113.44	Shut-In (1)
91	715.43	118.36	End Shut-In (1)
93	41.03	115.12	Open To Flow (2)
151	77.10	111.52	Shut-In (2)
247	706.41	118.59	End Shut-In (2)
248	2082.05	118.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4105' of gip	0.00
125.00	GCM 20% gas 80% mud	0.61

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum, corp.

8080 E. central Ste 300
Wichita, Ks 67206

ATTN: Cory Baker

Holgerson-Twyman #4-3

3-30S-9W

Job Ticket: 19703

DST#: 2

Test Start: 2004.07.24 @ 08:10:07

Tool Information

Drill Pipe:	Length: 3990.89 ft	Diameter: 3.80 inches	Volume: 55.98 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: 240.11 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 57.16 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4239.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	47.00 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			4216.00	
Shut In Tool	5.00			4221.00	
Hydraulic tool	5.00			4226.00	
Safety Joint	3.00			4229.00	
Packer	5.00			4234.00	24.00 Bottom Of Top Packer
Packer	5.00			4239.00	
Stubb	2.00			4241.00	
Recorder	0.00	6625	Inside	4241.00	
Anchor	18.00			4259.00	
Recorder	0.00	10991	Outside	4259.00	
Bullnose	3.00			4262.00	23.00 Bottom Packers & Anchor

Total Tool Length: 47.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum, corp.

Holgerson-Twyman #4-3

8080 E. central Ste 300
Wichita, Ks 67206

3-30S-9W

Job Ticket: 19703

DST#: 2

ATTN: Cory Baker

Test Start: 2004.07.24 @ 08:10:07

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4105' of gip	0.000
125.00	GCM 20% gas 80% mud	0.615

Total Length: 125.00 ft

Total Volume: 0.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

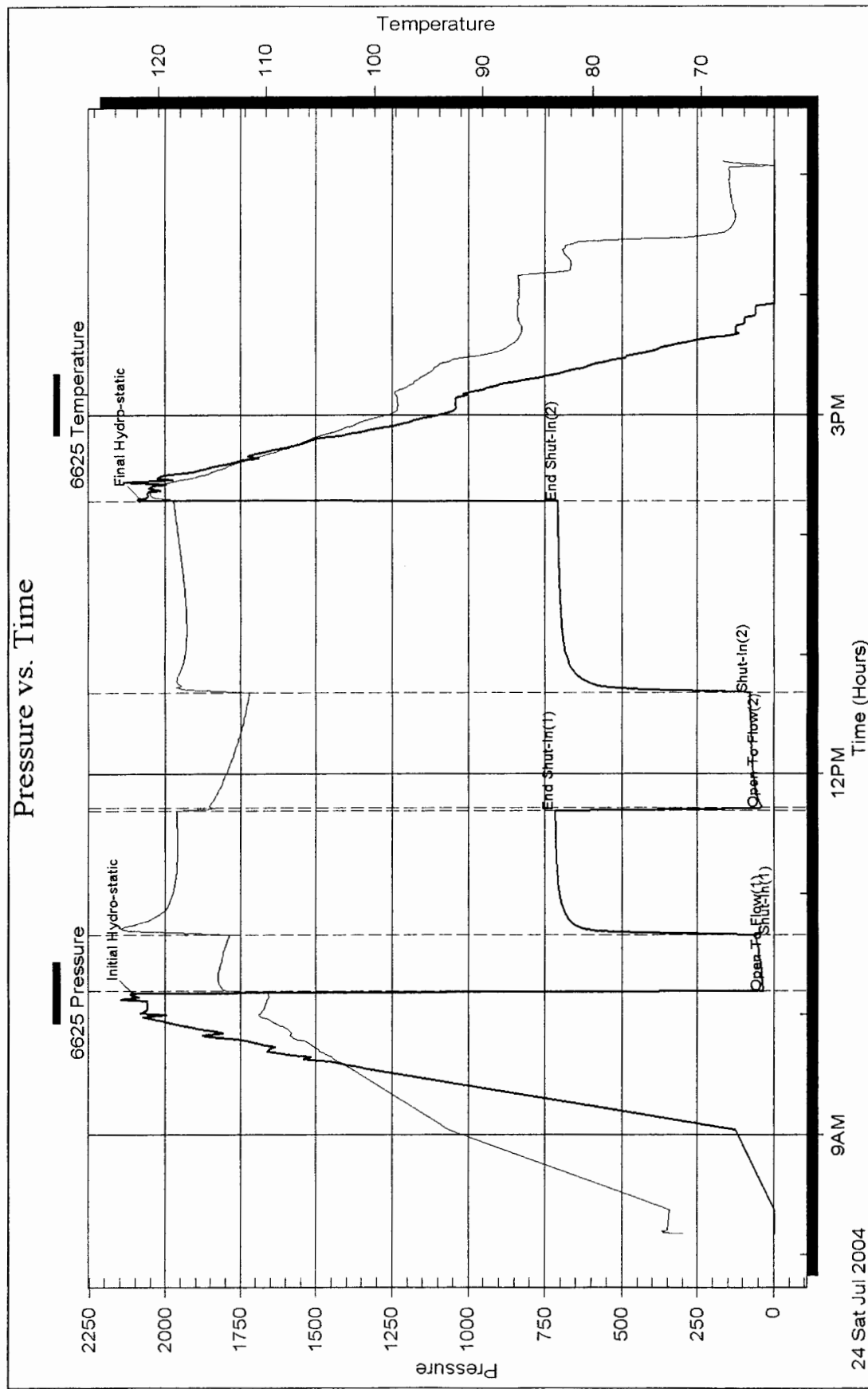
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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GAS VOLUME REPORT

2

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