



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Company
250 N Water ste 300
Wichita, KS 67202
ATTN: Mike Kidwell

Steele A 2-20
20-10-34 Thomas
Job Ticket: 042701 **DST#: 1**
Test Start: 2011.07.07 @ 23:08:28

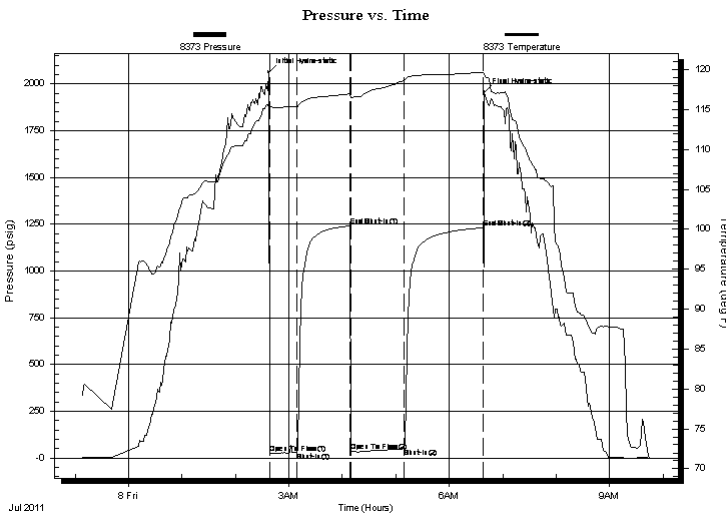
GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:38:38
Time Test Ended: 09:44:53
Interval: **4132.00 ft (KB) To 4166.00 ft (KB) (TVD)**
Total Depth: 4166.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 3249.00 ft (KB)
3239.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 49.48 psig @ 4133.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.07 End Date: 2011.07.08 Last Calib.: 2011.07.08
Start Time: 23:08:28 End Time: 09:44:53 Time On Btm: 2011.07.08 @ 02:37:23
Time Off Btm: 2011.07.08 @ 06:39:37

TEST COMMENT: IF: 1/4 blow built to 1 in 30 min.
IS: No return.
FF: Surface blow built to 1 in 60 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2061.55	115.75	Initial Hydro-static
2	24.54	115.21	Open To Flow (1)
32	28.81	115.36	Shut-In(1)
92	1241.11	116.99	End Shut-In(1)
93	33.65	116.44	Open To Flow (2)
152	49.48	118.64	Shut-In(2)
241	1230.82	119.66	End Shut-In(2)
243	1954.71	119.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocmw 5%o 55%w 40%m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042701

DST#: 1

ATTN: Mike Kidwell

Test Start: 2011.07.07 @ 23:08:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

21000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	ocmw 5%o 55%w 40%m	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

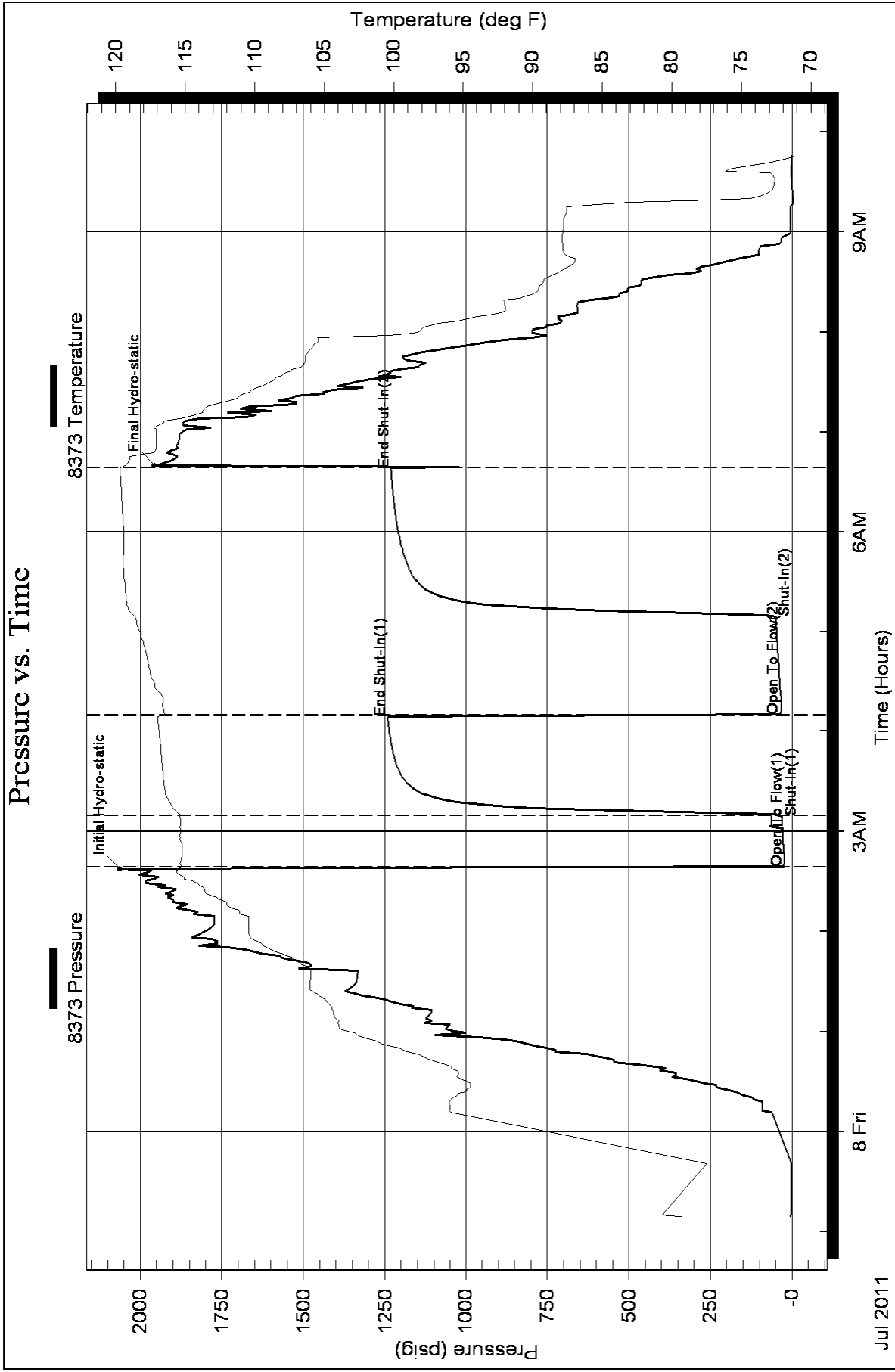
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .31@73=21000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company
250 N Water ste 300
Wichita, KS 67202
ATTN: Mike Kidwell

Steele A 2-20
20-10-34 Thomas
Job Ticket: 042702 **DST#: 2**
Test Start: 2011.07.08 @ 20:32:56

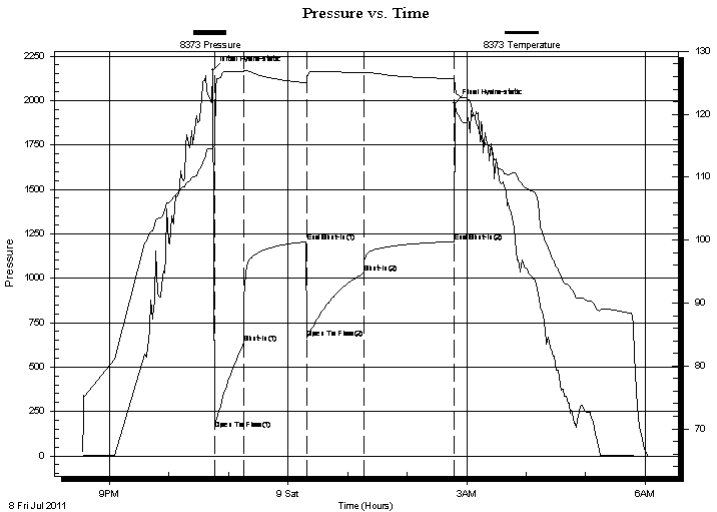
GENERAL INFORMATION:

Formation: **Lansing C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:45:36
Time Test Ended: 06:04:51
Interval: **4187.00 ft (KB) To 4210.00 ft (KB) (TVD)**
Total Depth: 4210.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 3249.00 ft (KB)
3239.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 1030.51 psig @ 4188.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.08 End Date: 2011.07.09 Last Calib.: 2011.07.09
Start Time: 20:32:56 End Time: 06:04:51 Time On Btm: 2011.07.08 @ 22:44:06
Time Off Btm: 2011.07.09 @ 02:47:50

TEST COMMENT: IF: BOB in 1 1/2 min. Gas to surface in 28 min.
IS: No return.
FF: BOB in 2 min. Gas would not burn.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.78	114.46	Initial Hydro-static
2	148.66	114.98	Open To Flow (1)
32	634.15	126.82	Shut-In(1)
95	1203.29	124.96	End Shut-In(1)
95	665.65	125.16	Open To Flow (2)
153	1030.51	126.65	Shut-In(2)
243	1206.67	125.69	End Shut-In(2)
244	1985.14	124.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1271.00	water 100%w	16.13
620.00	mcw trace of oil 90%w 10%m	8.70
279.00	ocw m 5%o 45%w 50%m	3.91

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042702

DST#: 2

ATTN: Mike Kidwell

Test Start: 2011.07.08 @ 20:32:56

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1271.00	water 100%w	16.134
620.00	mcw trace of oil 90%w 10%m	8.697
279.00	ocw m 5%o 45%w 50%m	3.914

Total Length: 2170.00 ft Total Volume: 28.745 bbl

Num Fluid Samples: 0

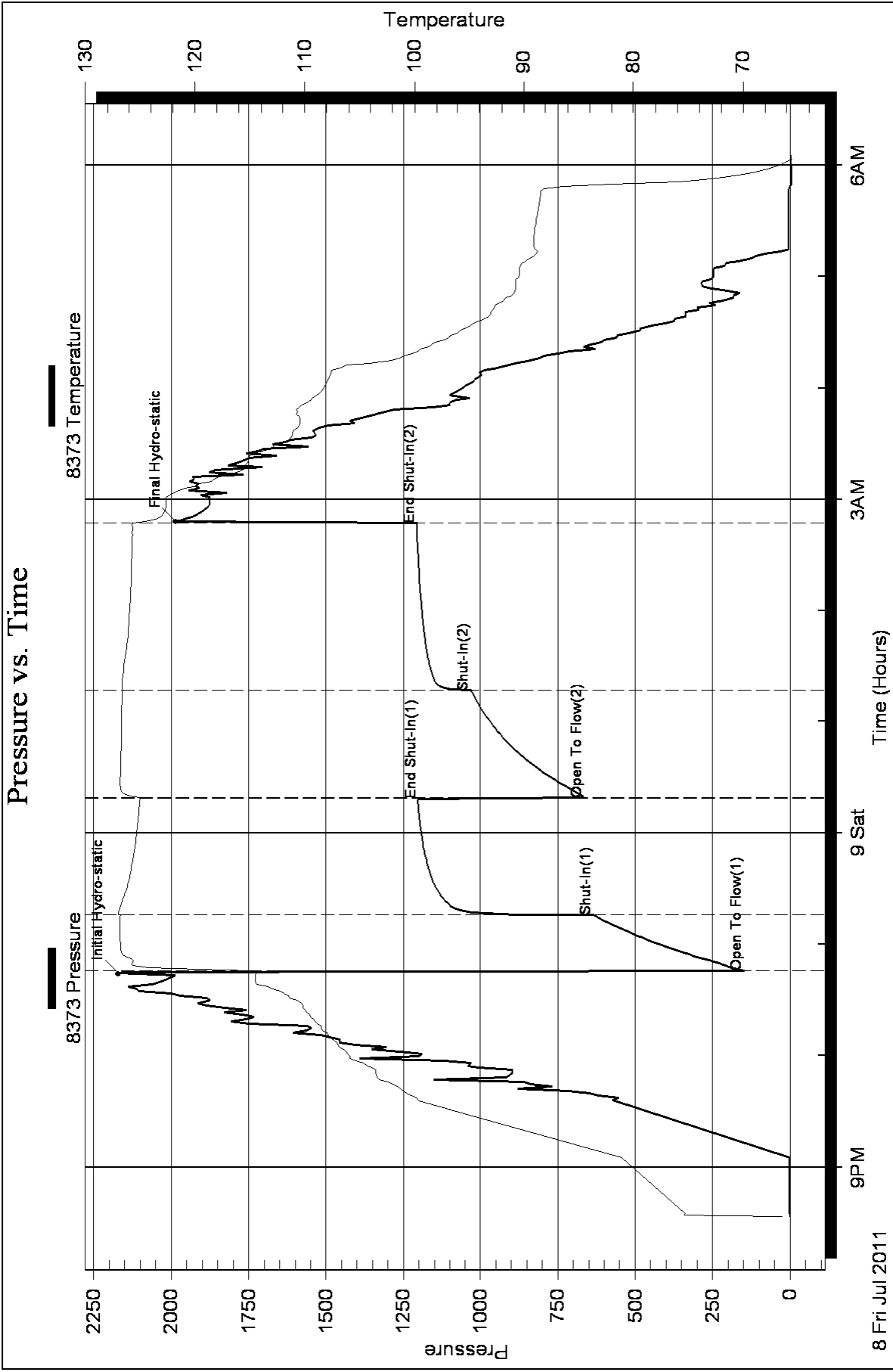
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .16@70=48000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

ATTN: Mike Kidwell

Job Ticket: 042703

DST#: 3

Test Start: 2011.07.09 @ 16:26:11

GENERAL INFORMATION:

Formation: **DEF**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:39:06

Time Test Ended: 02:15:21

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4213.00 ft (KB) To 4266.00 ft (KB) (TVD)

Reference Elevations: 3249.00 ft (KB)

Total Depth: 4266.00 ft (KB) (TVD)

3239.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 1097.86 psig @ 4214.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.09

End Date:

2011.07.10

Last Calib.:

2011.07.10

Start Time: 16:26:11

End Time:

02:15:21

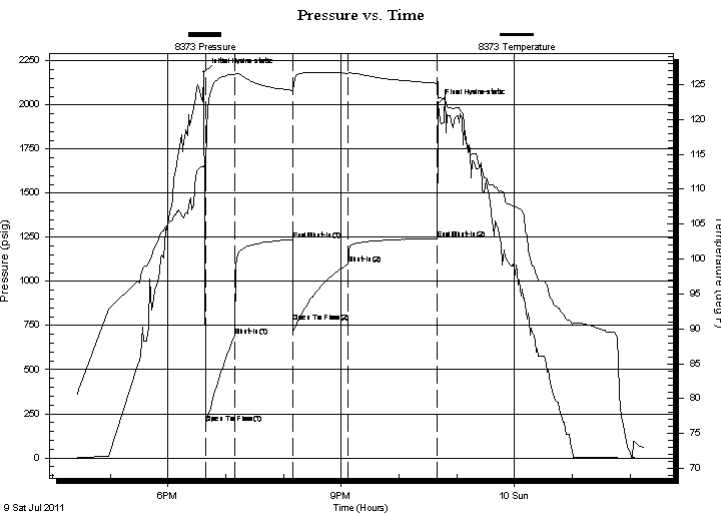
Time On Btm:

2011.07.09 @ 18:37:36

Time Off Btm:

2011.07.09 @ 22:40:50

TEST COMMENT: IF: BOB in 1 min.
IS: No return.
FF: BOB in 2 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.90	113.42	Initial Hydro-static
2	197.05	113.38	Open To Flow (1)
32	692.88	126.47	Shut-In(1)
92	1235.17	124.13	End Shut-In(1)
92	770.89	123.90	Open To Flow (2)
150	1097.86	126.63	Shut-In(2)
242	1242.85	125.19	End Shut-In(2)
244	2010.48	123.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1550.00	mcw 95%w 5%m	20.05
310.00	mcw trace oil 90%w 10%m	4.35
434.00	mcw trace oil 60%w 40%m	6.09

Gas Rates

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



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FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042703

DST#: 3

ATTN: Mike Kidwell

Test Start: 2011.07.09 @ 16:26:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 80.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1550.00	mcw 95%w 5%m	20.048
310.00	mcw trace oil 90%w 10%m	4.348
434.00	mcw trace oil 60%w 40%m	6.088

Total Length: 2294.00 ft Total Volume: 30.484 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

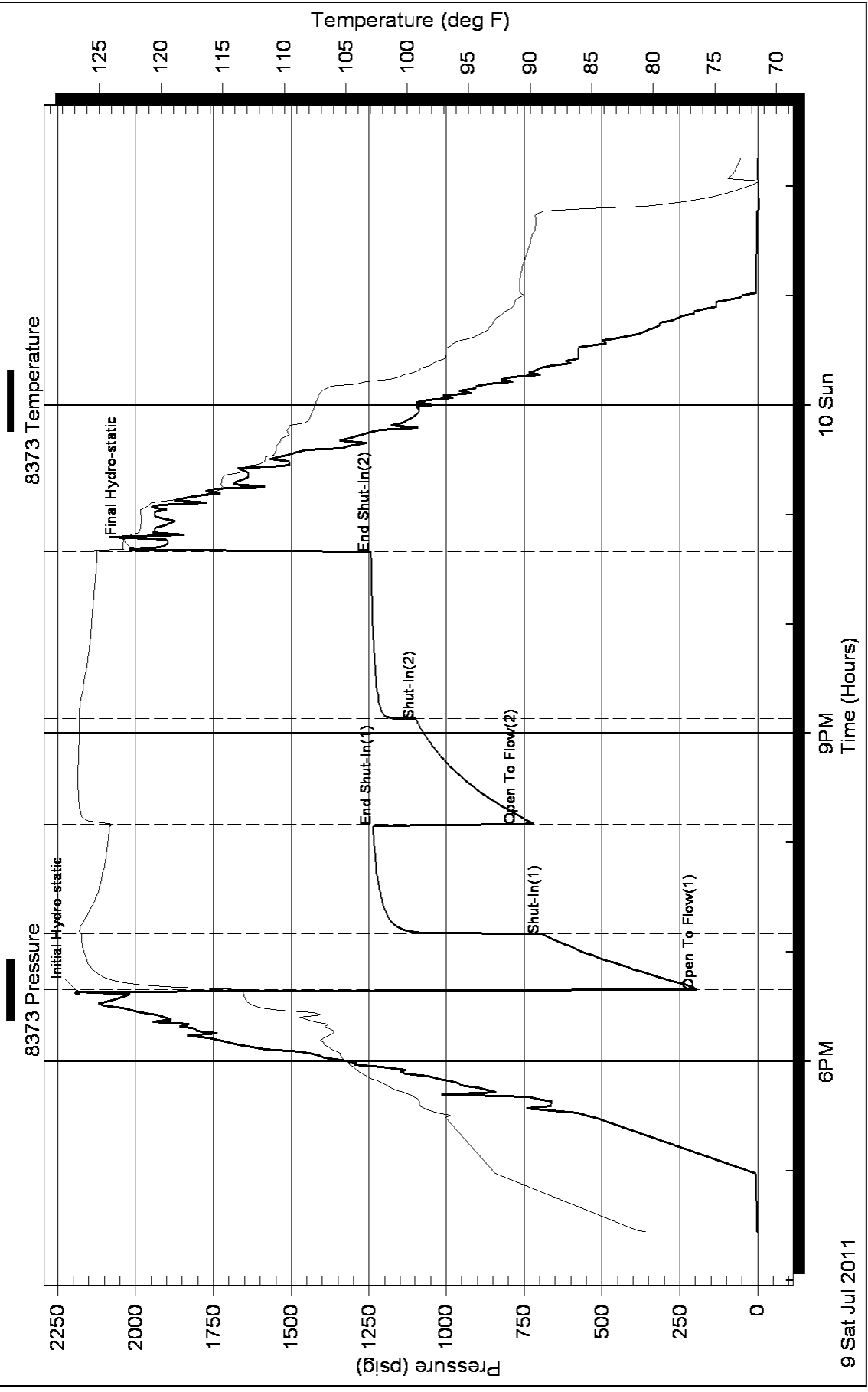
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .19@73=36000

Pressure vs. Time





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DRILL STEM TEST REPORT

Murfin Drilling Company

250 N Water ste 300
Wichita, KS 67202

ATTN: Mike Kidwell

Steele A 2-20

20-10-34 Thomas

Job Ticket: 042704

DST#: 4

Test Start: 2011.07.10 @ 19:40:49

GENERAL INFORMATION:

Formation: **HI J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:27:14

Time Test Ended: 05:13:29

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4309.00 ft (KB) To 4392.00 ft (KB) (TVD)

Reference Elevations: 3249.00 ft (KB)

Total Depth: 4392.00 ft (KB) (TVD)

3239.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 180.05 psig @ 4310.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.10

End Date:

2011.07.11

Last Calib.: 2011.07.11

Start Time: 19:40:49

End Time:

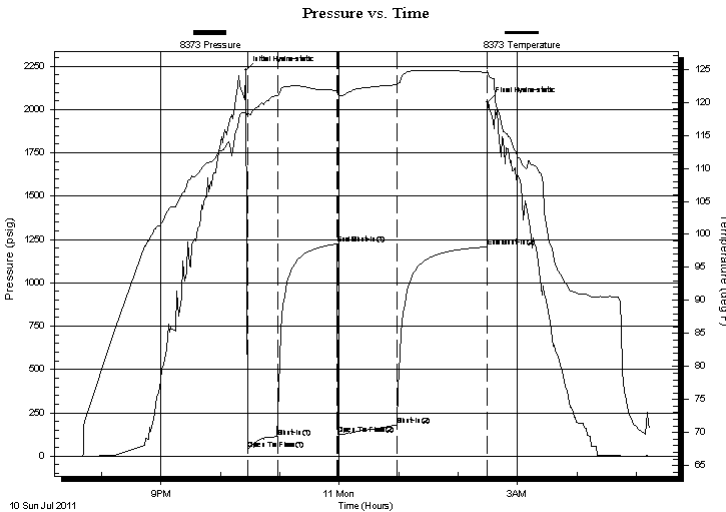
05:13:29

Time On Btm: 2011.07.10 @ 22:25:44

Time Off Btm: 2011.07.11 @ 02:30:13

TEST COMMENT: IF: BOB in 22 min.
IS: Surface blow never built.
FF: BOB in 19 min.
FS: Surface blow died in 30 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2225.75	118.52	Initial Hydro-static
2	37.25	117.99	Open To Flow (1)
32	111.41	120.97	Shut-In(1)
92	1224.02	121.83	End Shut-In(1)
93	127.27	121.21	Open To Flow (2)
153	180.05	122.68	Shut-In(2)
244	1207.92	124.55	End Shut-In(2)
245	2042.98	124.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocm 10%o 90%m	0.61
124.00	gocm 5%g 10%o 85%m	1.17
186.00	go 10%g 90%o	2.61
0.00	310 GIP	0.00

Gas Rates

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



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FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042704

DST#: 4

ATTN: Mike Kidwell

Test Start: 2011.07.10 @ 19:40:49

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:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
124.00	ocm 10%o 90%m	0.610
124.00	gocm 5%g 10%o 85%m	1.175
186.00	go 10%g 90%o	2.609
0.00	310 GIP	0.000

Total Length: 434.00 ft

Total Volume: 4.394 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

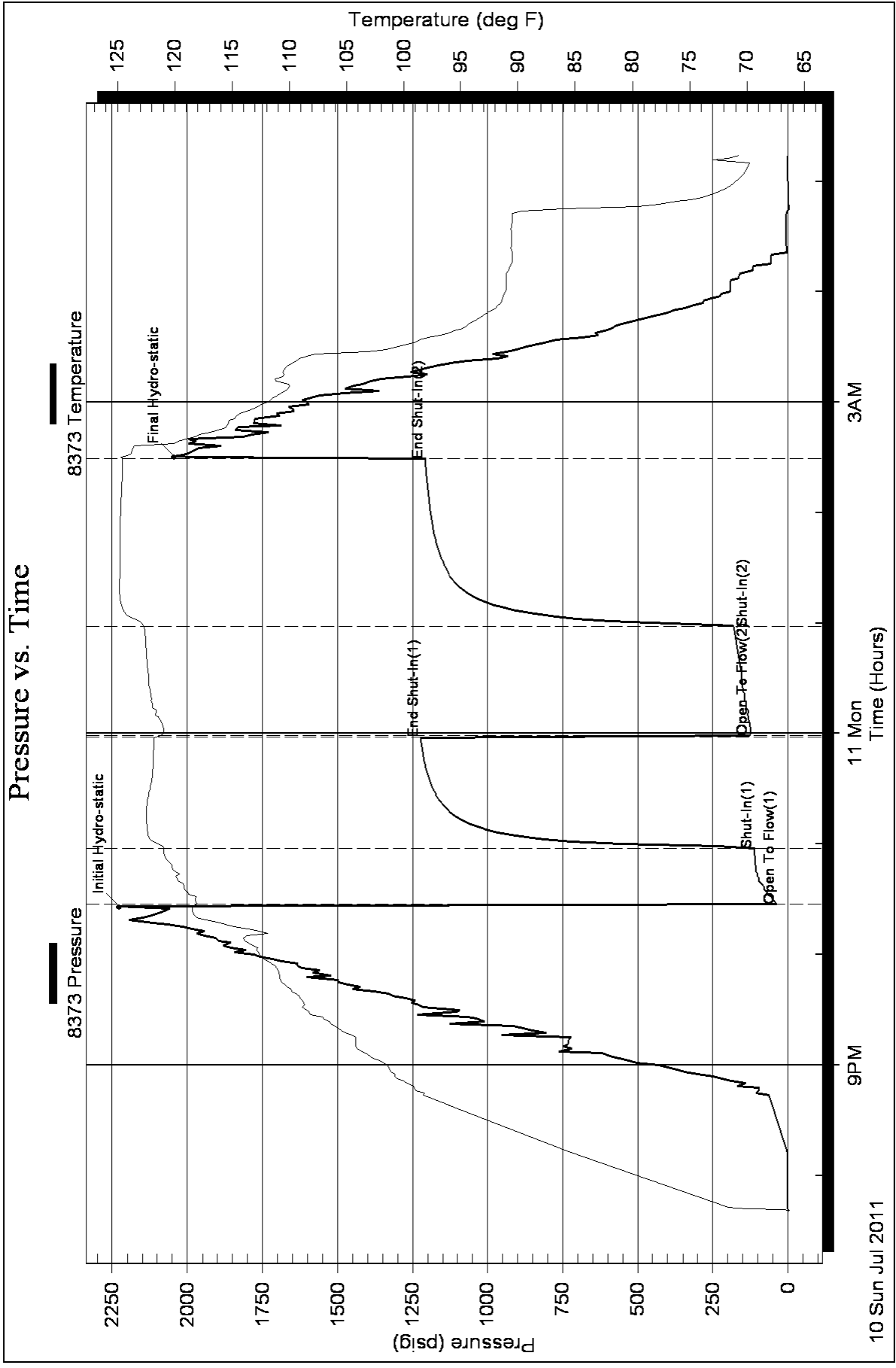
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 33@70=32

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water ste 300
 Wichita, KS 67202
 ATTN: Mike Kidwell

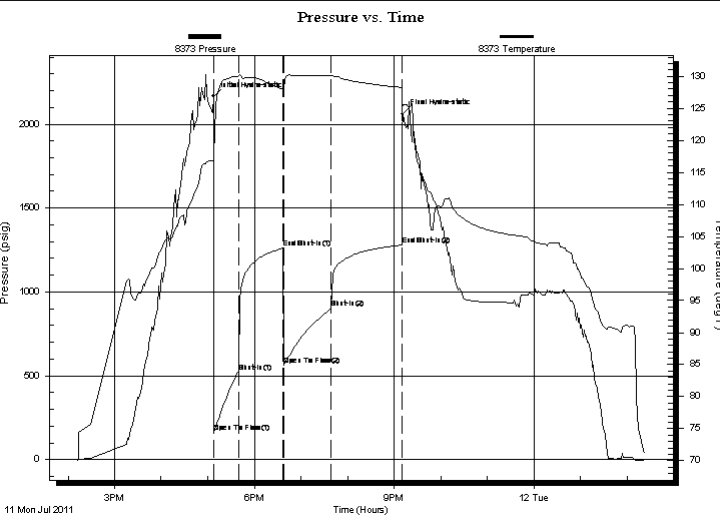
Steele A 2-20
20-10-34 Thomas
 Job Ticket: 042705 **DST#: 5**
 Test Start: 2011.07.11 @ 14:12:27

GENERAL INFORMATION:

Formation: **K**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 17:08:22 Tester: **Brandon Turley**
 Time Test Ended: 02:23:37 Unit No: **35**
Interval: 4394.00 ft (KB) To 4428.00 ft (KB) (TVD) Reference Elevations: **3249.00 ft (KB)**
 Total Depth: **4428.00 ft (KB) (TVD)** **3239.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

Serial #: 8373 **Inside**
 Press @ Run Depth: 903.17 psig @ 4395.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.11 End Date: 2011.07.12 Last Calib.: 2011.07.12
 Start Time: 14:12:27 End Time: 02:23:37 Time On Btm: 2011.07.11 @ 17:07:07
 Time Off Btm: 2011.07.11 @ 21:10:51

TEST COMMENT: IF: BOB in 2 min.
 IS: Surface blow built to 5 in 60 min.
 FF: BOB in 3 min.
 FS: Surface blow BOB in 60 min.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.87	116.79	Initial Hydro-static
2	163.50	117.43	Open To Flow (1)
33	524.82	130.04	Shut-In(1)
90	1261.31	127.96	End Shut-In(1)
91	566.55	128.05	Open To Flow (2)
152	903.17	130.07	Shut-In(2)
243	1279.11	128.27	End Shut-In(2)
244	2061.82	125.46	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
124.00	mcw 90%w 10%m	0.61
1000.00	gocw m 20%g 20%o 20%w 40%m	13.46
1077.00	go 20%g 80%o	15.11
0.00	744 GIP	0.00

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042705

DST#: 5

ATTN: Mike Kidwell

Test Start: 2011.07.11 @ 14:12:27

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 7.60 in³
Resistivity: 0.00 ohm.m
Salinity: 9900.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 35 deg API
Water Salinity: 38000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 90%w 10%m	0.610
1000.00	gocw m 20%g 20%o 20%w 40%m	13.463
1077.00	go 20%g 80%o	15.107
0.00	744 GIP	0.000

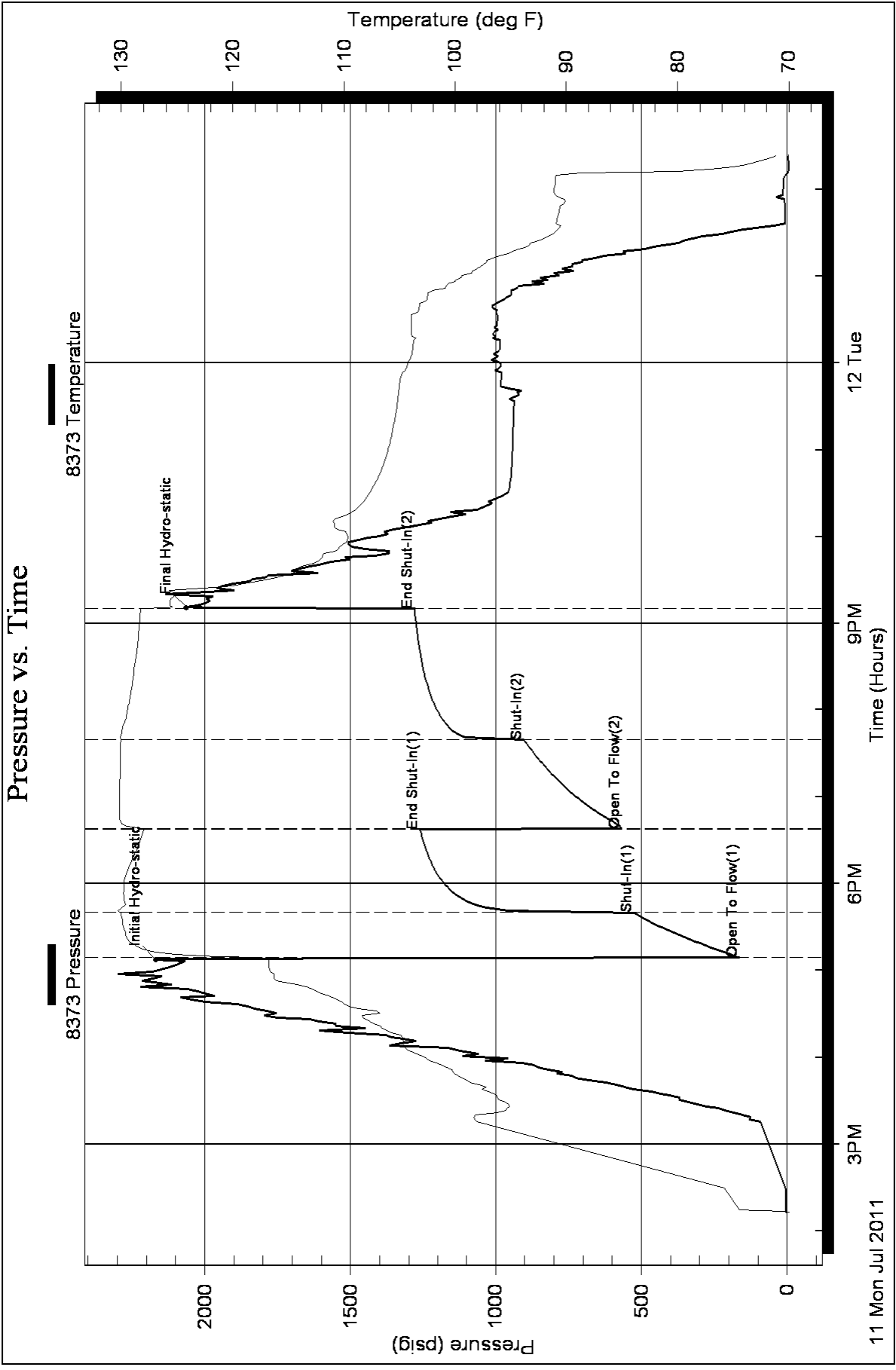
Total Length: 2201.00 ft Total Volume: 29.180 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 37@80=35
.19@72=38000

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

ATTN: Mike Kidwell

Job Ticket: 042706

DST#: 6

Test Start: 2011.07.13 @ 01:01:43

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:04:23

Time Test Ended: 11:42:38

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4600.00 ft (KB) To 4635.00 ft (KB) (TVD)

Reference Elevations: 3249.00 ft (KB)

Total Depth: 4635.00 ft (KB) (TVD)

3239.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 309.68 psig @ 4601.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.13

End Date:

2011.07.13

Last Calib.:

2011.07.13

Start Time: 01:01:43

End Time:

11:42:38

Time On Btm:

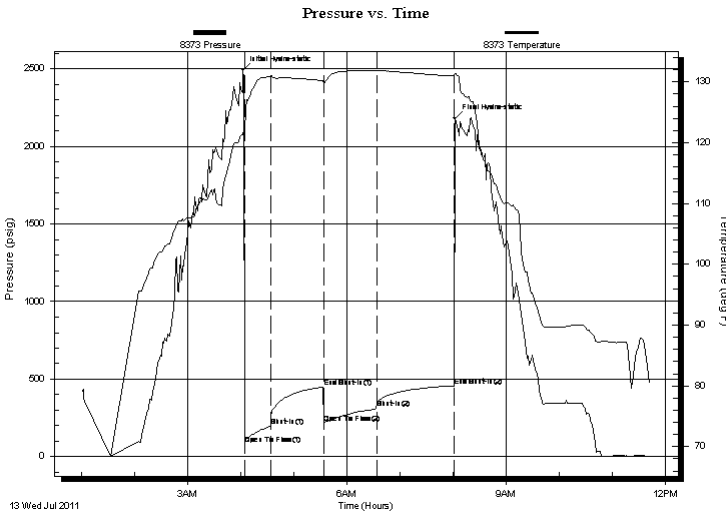
2011.07.13 @ 04:02:38

Time Off Btm:

2011.07.13 @ 08:01:52

TEST COMMENT: IF: BOB in 3 min.
IS: BOB in 32 min.
FF: BOB in 4 min.
FS: BOB in 8 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2490.55	121.52	Initial Hydro-static
2	81.01	121.94	Open To Flow (1)
32	197.76	130.94	Shut-In(1)
91	449.46	130.21	End Shut-In(1)
92	218.54	129.92	Open To Flow (2)
151	309.68	131.89	Shut-In(2)
239	457.11	130.97	End Shut-In(2)
240	2181.34	131.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 90%w 10%m	0.61
558.00	go 20%g 80%o	7.26
0.00	1488 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042706

DST#: 6

ATTN: Mike Kidwell

Test Start: 2011.07.13 @ 01:01:43

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:

30000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 90%w 10%m	0.610
558.00	go 20%g 80%o	7.262
0.00	1488 GIP	0.000

Total Length: 682.00 ft Total Volume: 7.872 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

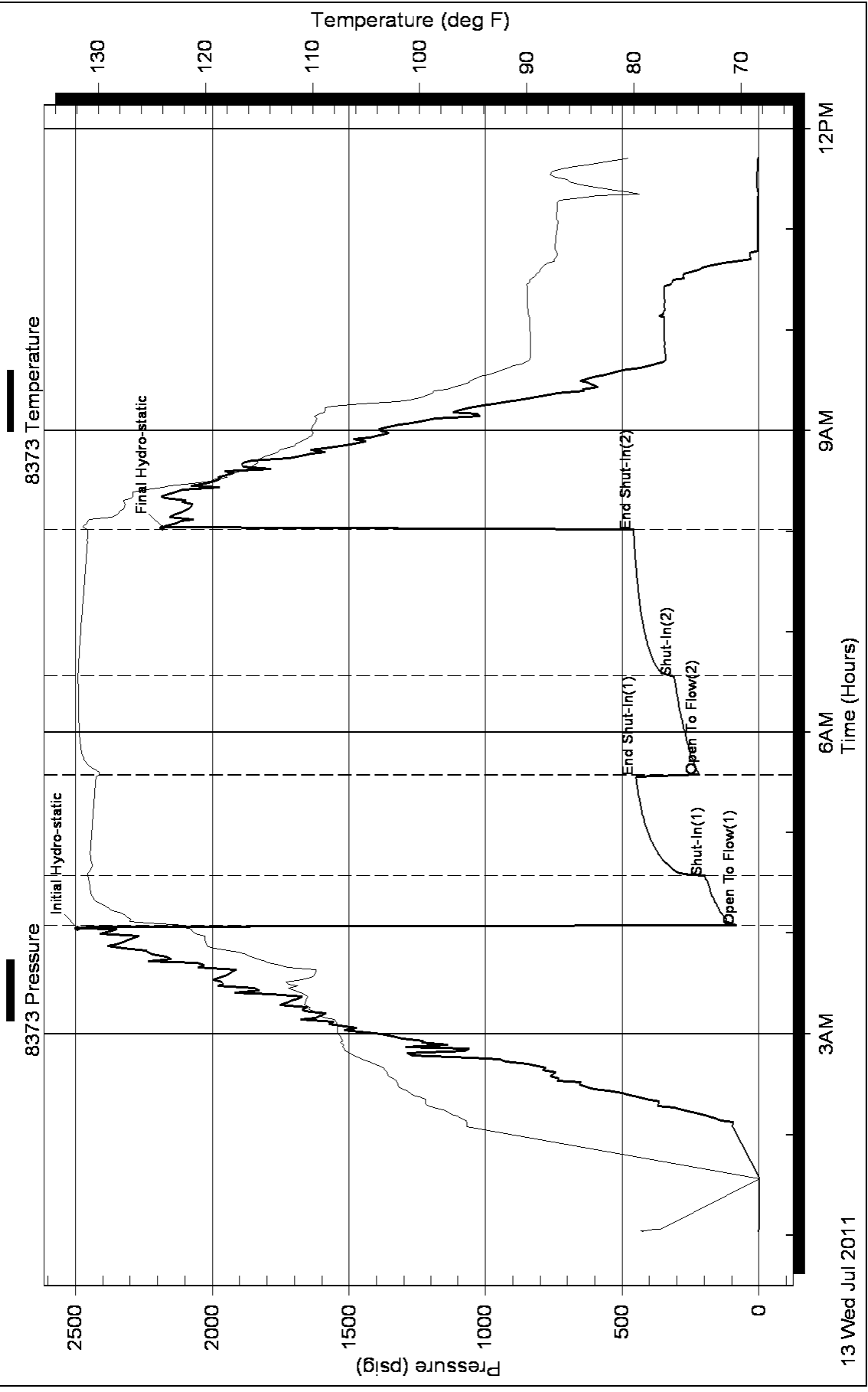
Laboratory Name:

Laboratory Location:

Recovery Comments: 40@90=37

.19@83=30000

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company
 250 N Water ste 300
 Wichita, KS 67202
 ATTN: Mike Kidwell

Steele A 2-20
20-10-34 Thomas
 Job Ticket: 042707 **DST#: 7**
 Test Start: 2011.07.14 @ 02:30:34

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:50:34
 Time Test Ended: 11:21:04
 Interval: **4704.00 ft (KB) To 4748.00 ft (KB) (TVD)**
 Total Depth: 4748.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3249.00 ft (KB)
 3239.00 ft (CF)
 KB to GR/CF: 10.00 ft

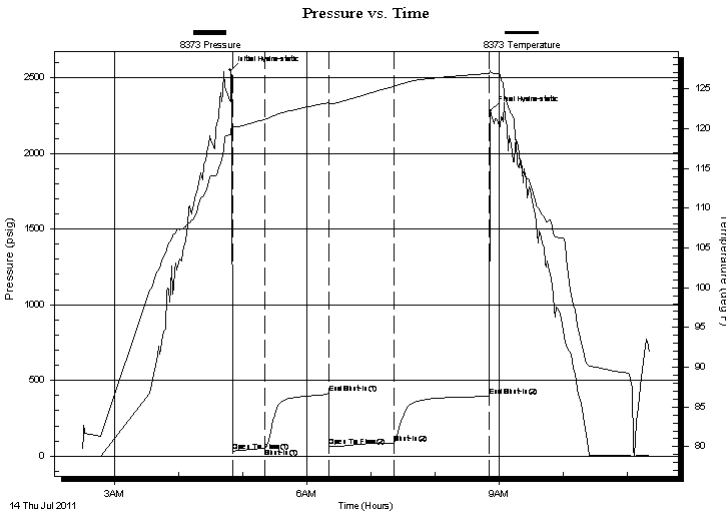
Serial #: 8373

Inside

Press @ Run Depth: 85.55 psig @ 4705.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.14 End Date: 2011.07.14 Last Calib.: 2011.07.14
 Start Time: 02:30:39 End Time: 11:21:04 Time On Btm: 2011.07.14 @ 04:49:04
 Time Off Btm: 2011.07.14 @ 08:52:04

TEST COMMENT: IF: Surface blow built to 7 in 30 min.
 IS: No return.
 FF: Surface blow BOB in 52 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2548.72	119.32	Initial Hydro-static
2	33.58	120.13	Open To Flow (1)
32	52.09	121.18	Shut-In(1)
92	414.83	123.26	End Shut-In(1)
92	65.66	123.10	Open To Flow (2)
153	85.55	125.29	Shut-In(2)
242	394.33	126.93	End Shut-In(2)
243	2281.40	127.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 10%g 30%o 60%m	0.30
124.00	go 30%g 70%o	0.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Steele A 2-20

250 N Water ste 300
Wichita, KS 67202

20-10-34 Thomas

Job Ticket: 042707

DST#: 7

ATTN: Mike Kidwell

Test Start: 2011.07.14 @ 02:30:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 72.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	gocm 10%g 30%o 60%m	0.305
124.00	go 30%g 70%o	0.610

Total Length: 186.00 ft Total Volume: 0.915 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 28@100=24

Pressure vs. Time

