WELL NAME:	Light 3-15
COMPANY:	Avalon Energy LLC
LOCATION:	15-35S-32W
	Seward County, Kansas
DATE:	3/23/98

TRILOBITE TESTING L.L.C.

OPERATOR : Avalon Energy LLC. DATE 3-14-98
WELL NAME: Light #3-15 KB 2751.00 ft TICKET NO: 10901 DST #1
LOCATION : 15-35S-32W GR 2746.00 ft FORMATION: Morrow Sand
INTERVAL : 6072.00 To 6130.00 ft TD 6130.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10993	10993	3227		
SI 60	Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0
SF 30	Clock(hrs)	12HR	12HR	ELET		
FS 60	Depth(ft)	6126.0	6126.0	6075.0	0.0	0.0

TIME DATA----------
PF Fr. 2336 to 2406 hr
IS Fr. 2406 to 0106 hr
SF Fr. 0106 to 0136 hr
FS Fr. 0136 to 0236 hr

	Field	1	2	3	4
A. Init Hydro	2972.0	2933.0	2908.0	0.0	0.0
B. First Flow	119.0	127.0	30.0	0.0	0.0
B1. Final Flow	108.0	80.0	35.0	0.0	0.0
C. In Shut-in	445.0	438.0	413.0	0.0	0.0
D. Init Flow	119.0	91.0	31.0	0.0	0.0
E. Final Flow	108.0	87.0	34.0	0.0	0.0
F. Fl Shut-in	445.0	440.0	411.0	0.0	0.0
G. Final Hydro	3004.0	2905.0	2860.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2100 hr
T ON BOTM 2334 hr
T OPEN 2336 hr
T PULLED 0236 hr
T OUT 0615 hr

RECOVERY
Tot Fluid 60.00 ft of 60.00 ft in DC and 0.00 ft in DP
3415.00 ft of Gas in pipe
0.00 ft of
60.00 ft of 100% Drlg. Mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	1800.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	135000.00 lbs
Initial Str Wt	92000.00 lbs
Unseated Str Wt	95000.00 lbs
Bot Choke	0.75 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	533.00 ft
D.P. Length	5572.00 ft

MUD DATA----------

Mud Type	chemical
Weight	9.10 lb/c
Vis.	44.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	20.0 ft

BLOW DESCRIPTION
Initial Flow:
Slow building blow built to
Bottom of bucket in 15 minutes

Initial Shutin:
Bled off 2" - no blow back

Final Flow:
Strong blow - bottom of bucket
as soon as opened tool

Final Shutin:
Bled off 2" - no blow back
SAMPLES: no
SENT TO:

Amt. of fill	0.00 ft
Btm. H. Temp.	131.00 F
Hole Condition	good
% Porosity	18.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Mike
Co. Rep.	Brad Rine
Contr.	Val Energy
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Light #3-15

LOCATION : 15-35S-32W

TICKET No. 10901 D.S.T. No. 1 DATE 3-14-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 27

TOTAL TOOL 54

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY .....

D.C. ABOVE TOOLS.Stands9 Single Total 533

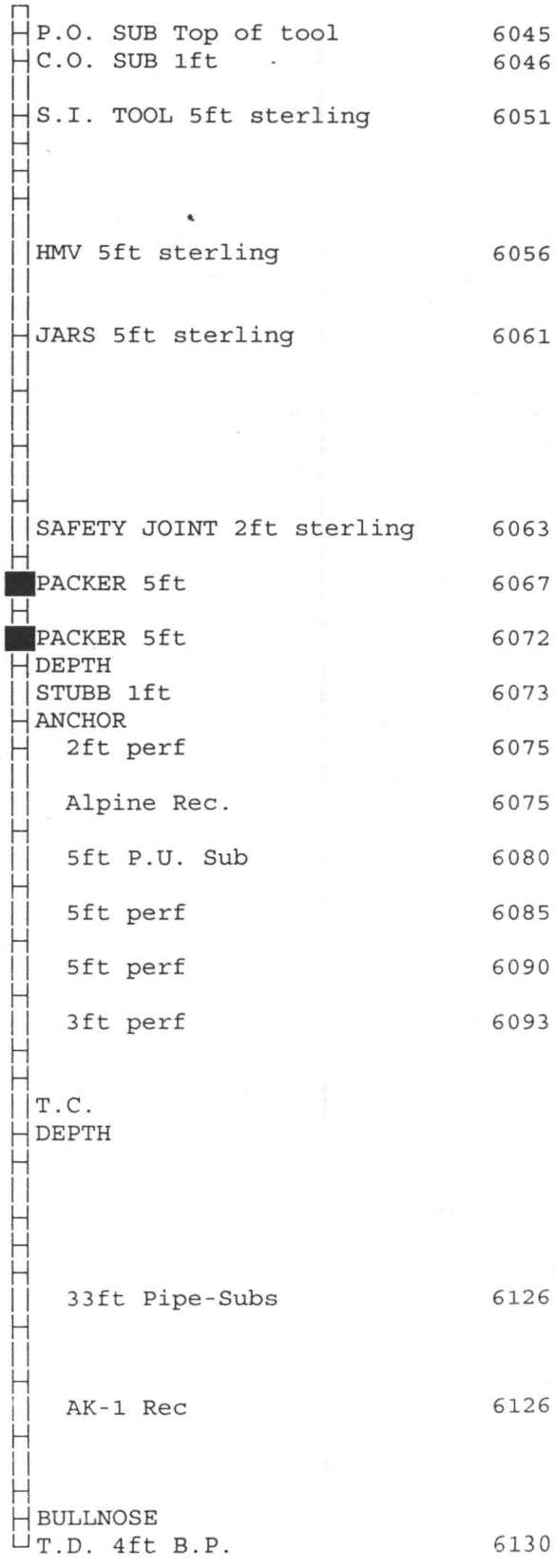
D.P. ABOVE TOOLS.Stands98 Single 1 Total 5541

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 6159

TOTAL DEPTH 6130

TOTAL DRILL PIPE ABOVE K.B. 29

REMARKS:



TEST HISTORY

10901 DST#1 Light #3-15 Avalon Energy LLC.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2908.80
B:	0.00	30.10
C:	20.00	35.11
D:	59.75	413.10
E:	0.00	31.17
F:	29.00	34.31
G:	60.00	411.22
Q:	0.00	2860.59

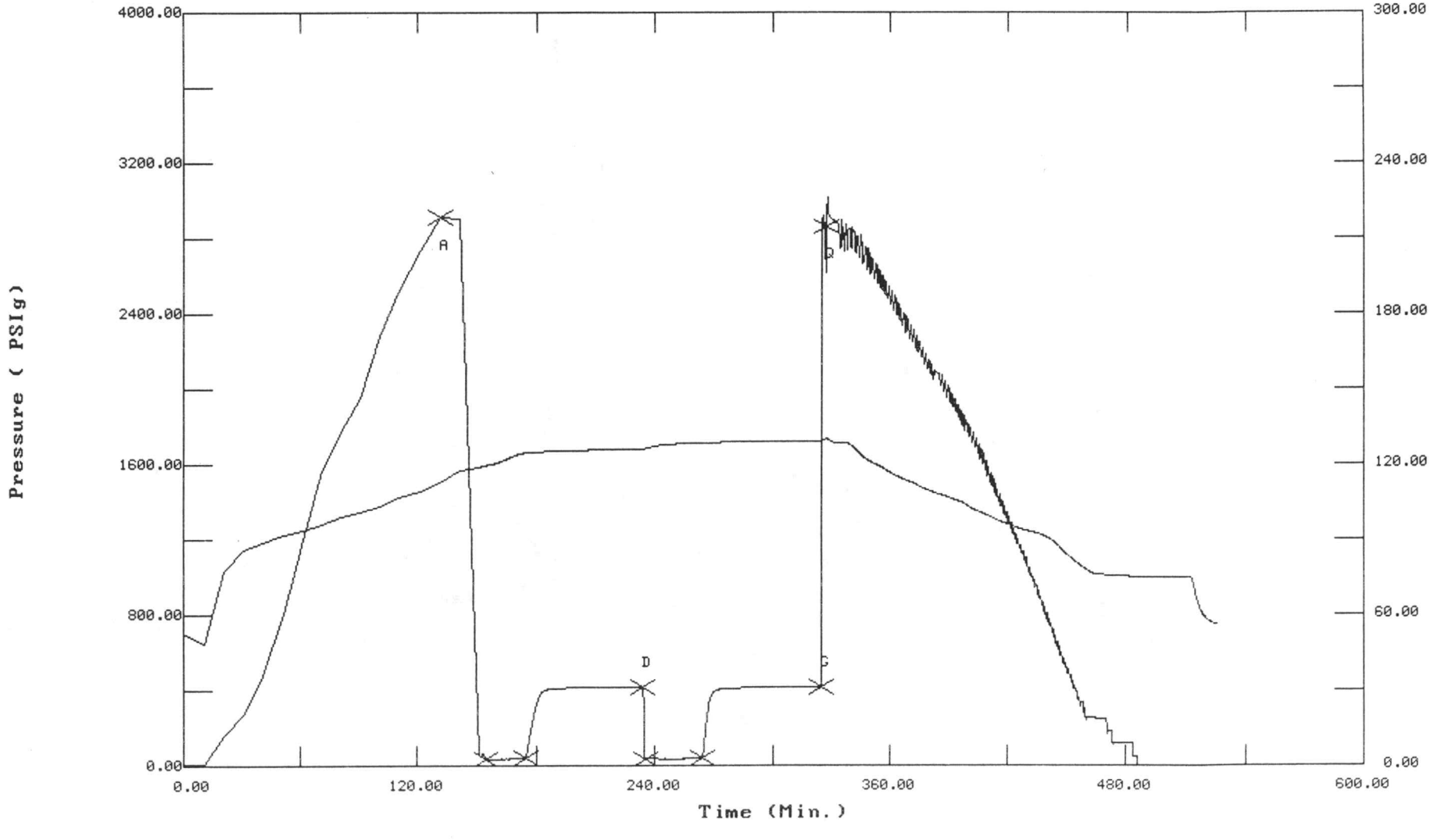
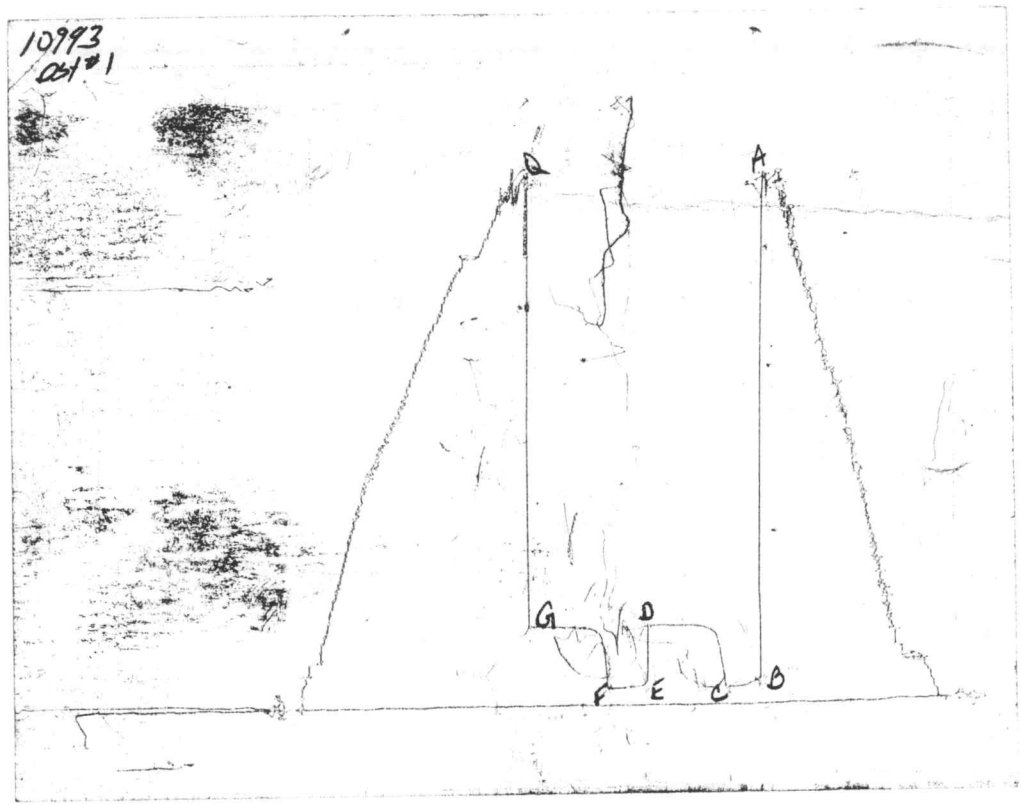


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : Avalon Energy LLC — DATE 3-17-98
WELL NAME: Light #3-15 — KB 2751.00 ft — TICKET NO: 10902 DST #2
LOCATION : 15-35S-32W — GR 2746.00 ft — FORMATION: Chester
INTERVAL : 6175.00 To 6290.00 ft — TD 6290.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10993	10993	3227		
SI 60	Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0
SF 30	Clock(hrs)	12hr	12hr	elet		
FS 120	Depth(ft)	6286.0	6286.0	6178.0	0.0	0.0

TIME DATA----------
PF Fr. 0400 to 0430 hr
IS Fr. 0430 to 0530 hr
SF Fr. 0530 to 0600 hr
FS Fr. 0600 to 0800 hr

	Field	1	2	3	4
A. Init Hydro	3300.0	3160.0	3132.0	0.0	0.0
B. First Flow	260.0	260.0	94.0	0.0	0.0
B1. Final Flow	315.0	274.0	271.0	0.0	0.0
C. In Shut-in	640.0	636.0	584.0	0.0	0.0
D. Init Flow	195.0	200.0	73.0	0.0	0.0
E. Final Flow	206.0	194.0	118.0	0.0	0.0
F. Fl Shut-in	521.0	505.0	457.0	0.0	0.0
G. Final Hydro	2951.0	2935.0	2901.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2445 hr
T ON BOTM 0358 hr
T OPEN 0400 hr
T PULLED 0800 hr
T OUT 1145 hr

RECOVERY
Tot Fluid 120.00 ft of 120.00 ft in DC and 0.00 ft in DP
120.00 ft of 100% drill mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	1800.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	110000.00 lbs
Initial Str Wt	90000.00 lbs
Unseated Str Wt	92000.00 lbs
Bot Choke	0.75 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	533.00 ft
D.P. Length	5725.00 ft

BLOW DESCRIPTION
Initial Flow:
Slow building blow to bottom of of bucket in 12 minutes

Initial Shutin:
Bled off 2" - no blow back

Final Flow:
Slow building blow - bottom of bucket in 10 minutes

Final Shutin:
Bled 2" - no blow back
SAMPLES: NO
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	94.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	15.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	132.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Mike Colantonio
Co. Rep.	Brad Rine
Contr.	Val Energy
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Light #3-15

LOCATION : 15-35S-32W

TICKET No. 10902 D.S.T. No. 2 DATE 3-17-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27ft

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 22

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single 1 Total 93ft

TOTAL ASSEMBLY .....

D.C. ABOVE TOOLS.Stands9 Single Total 533

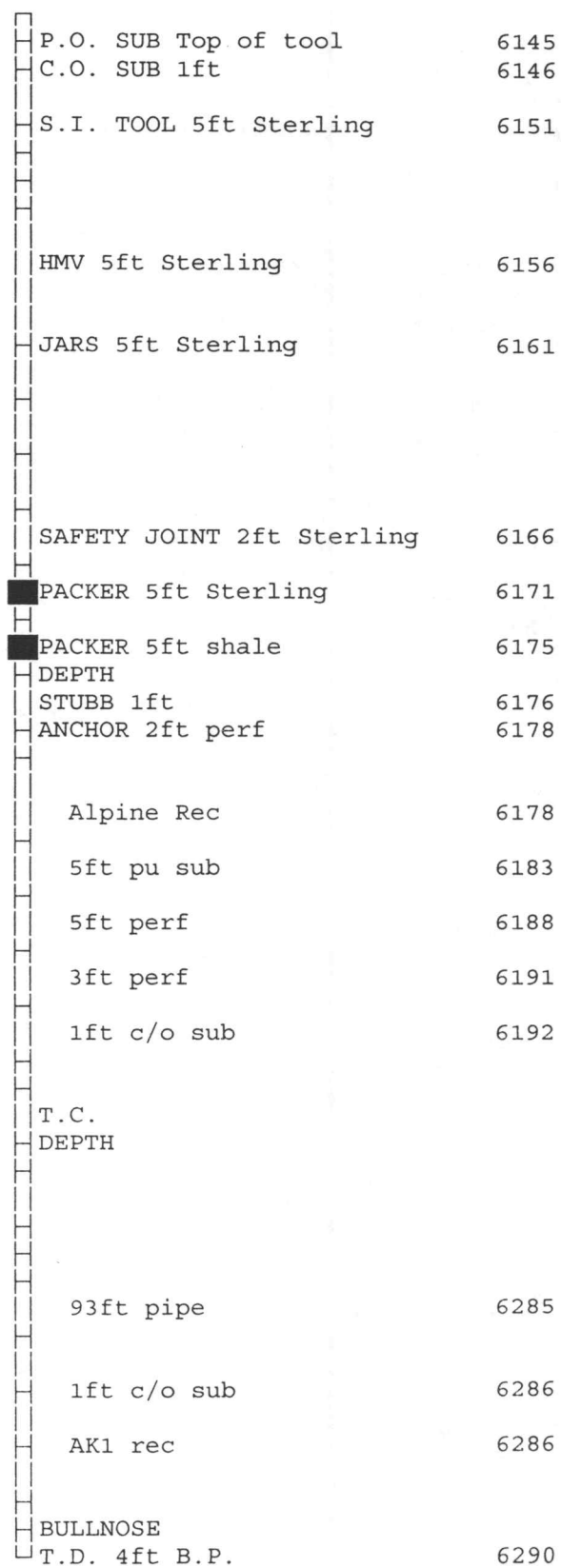
D.P. ABOVE TOOLS.Stands100 Single Total 5632

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 6307

TOTAL DEPTH 6290

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS:



TEST HISTORY

10902 DST#2 Light #3-15 Avalon Energy LLC.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	3132.22
B:	0.00	94.01
C:	29.50	271.43
D:	57.25	584.38
E:	0.00	73.90
F:	30.50	118.43
G:	121.75	457.35
Q:	0.00	2901.25

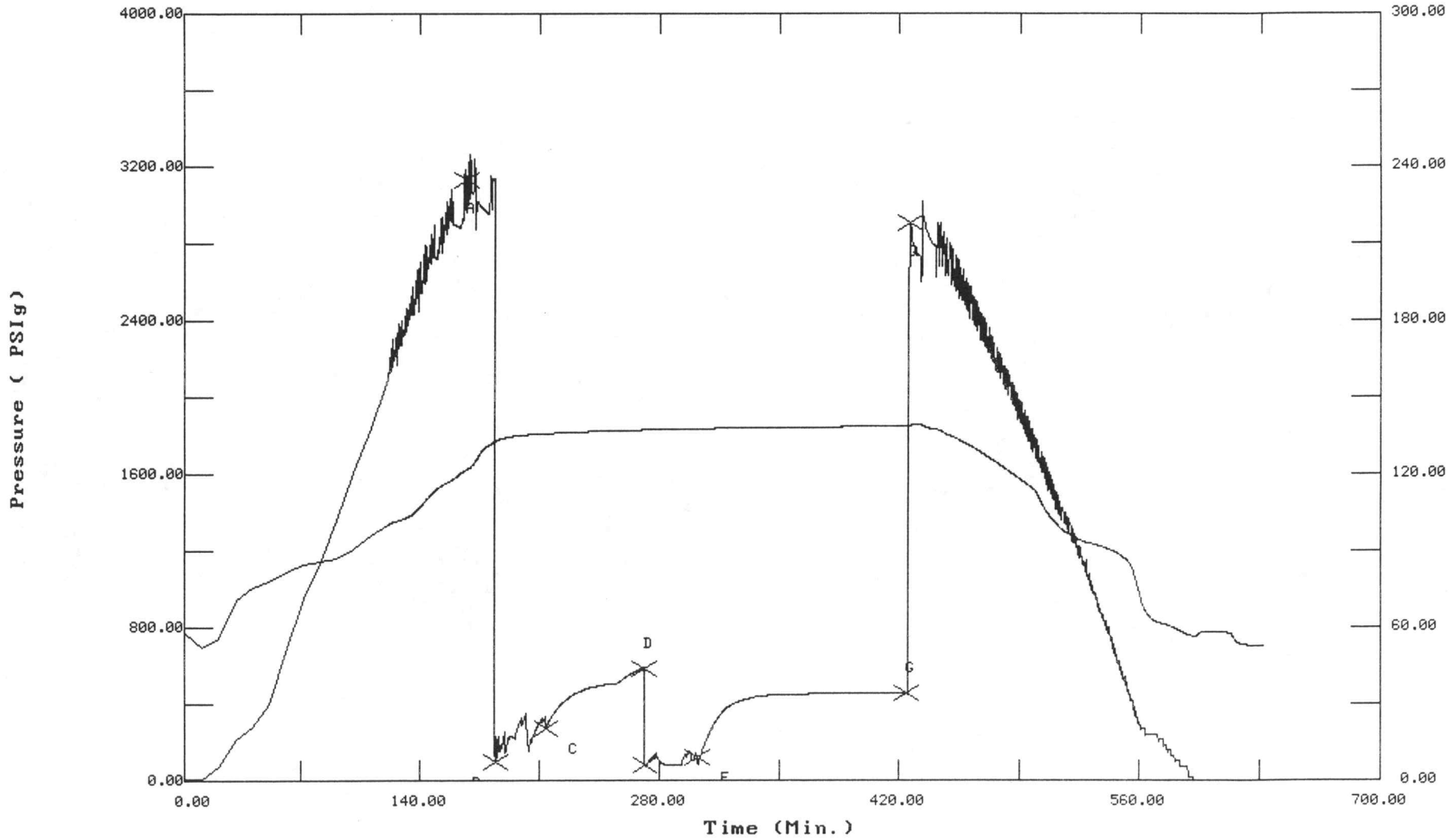
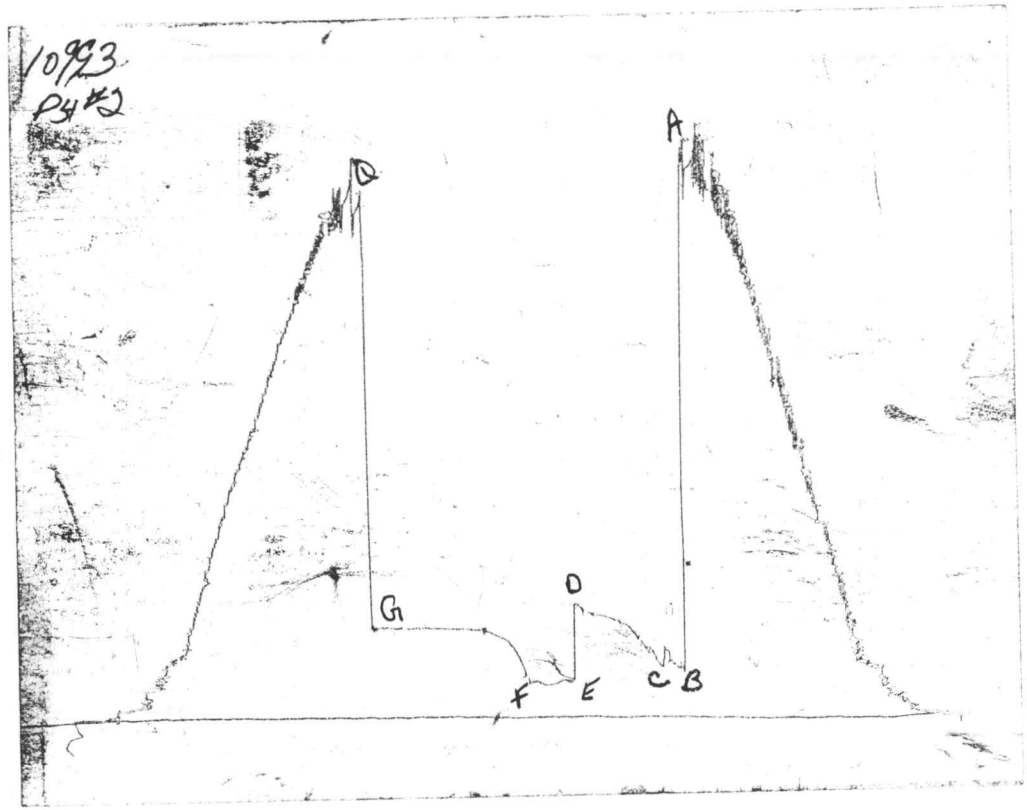


CHART PAGE



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