Northern Indiana Public Service Company

Nuclear Staff
RR # 3, Box 501
Chesterton, IN 46304
May 19, 1980

BAILLY GENERATING STATION N-1

Mr. Ronald Ballard
Environmental Projects Branch No. 1
Directorate of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

RE: NORTHERN INDIANA PUBLIC SERVICE COMPANY
BAILLY GENERATING STATION NUCLEAR 1
DOCKET 50-367

Dear Mr. Ballard:

Enclosed herewith are ten (10) copies of the following:

1. Well Charts for 4/23/80 - 4/30/80.

2. Bailly Wells Without Recorders for 4/30/80.

3. Pond Levels for 4/30/80.

4. Pneumatic Pressure Transducers for 4/30/80.

5. Water Meter Readings for 4/30/80.

6. USGS Wells for 4/30/80.

* Well Chart of # 58 for 4/23/80 - 5/1/80.

The cover of Well # 14 was against the pulley preventing free rotation on 4/30/80 and was corrected at the time of calibration.

The float of Well # 51B did not return by 0.22' on 4/23/80 when the chart was changed.

D004
S1/1

8005270439

Well # 52B had the pen off paper from 4/25/80 - 4/30/80.

Well # 58 had the pen off paper from 4/28/80 - 5/1/80.

Ash line break had occured in vicinity of well # 58 on 4/30/80.

Sump Pumps A and B off on 4/25/80 from 12:18 PM to 1:21 PM during cleaning of the sump pump discharge meter. Water meter back in service at 1:21 PM on 4/25/80.

Ash pond sealing status as follows:

1. Ponds 10 and 11 isolated from ash pumping system.

2. Pond 10 drained.

3. Initial dewatering wells more than 50% installed.

Sincerely,

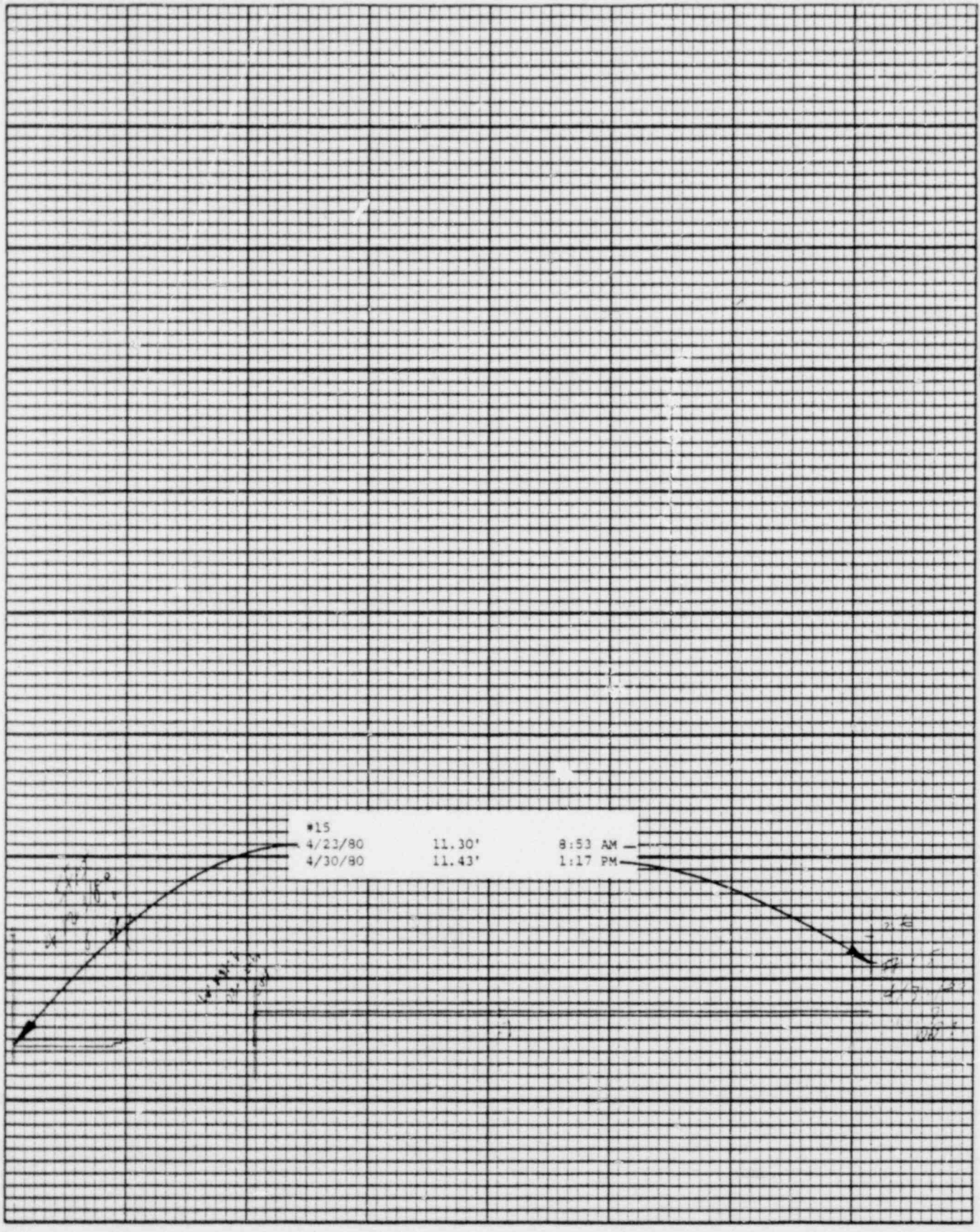
R. J. Bohn
Manager, Nuclear Staff

DBY:lu

Enclosures

File: Ground Water Observation Monitoring Wells

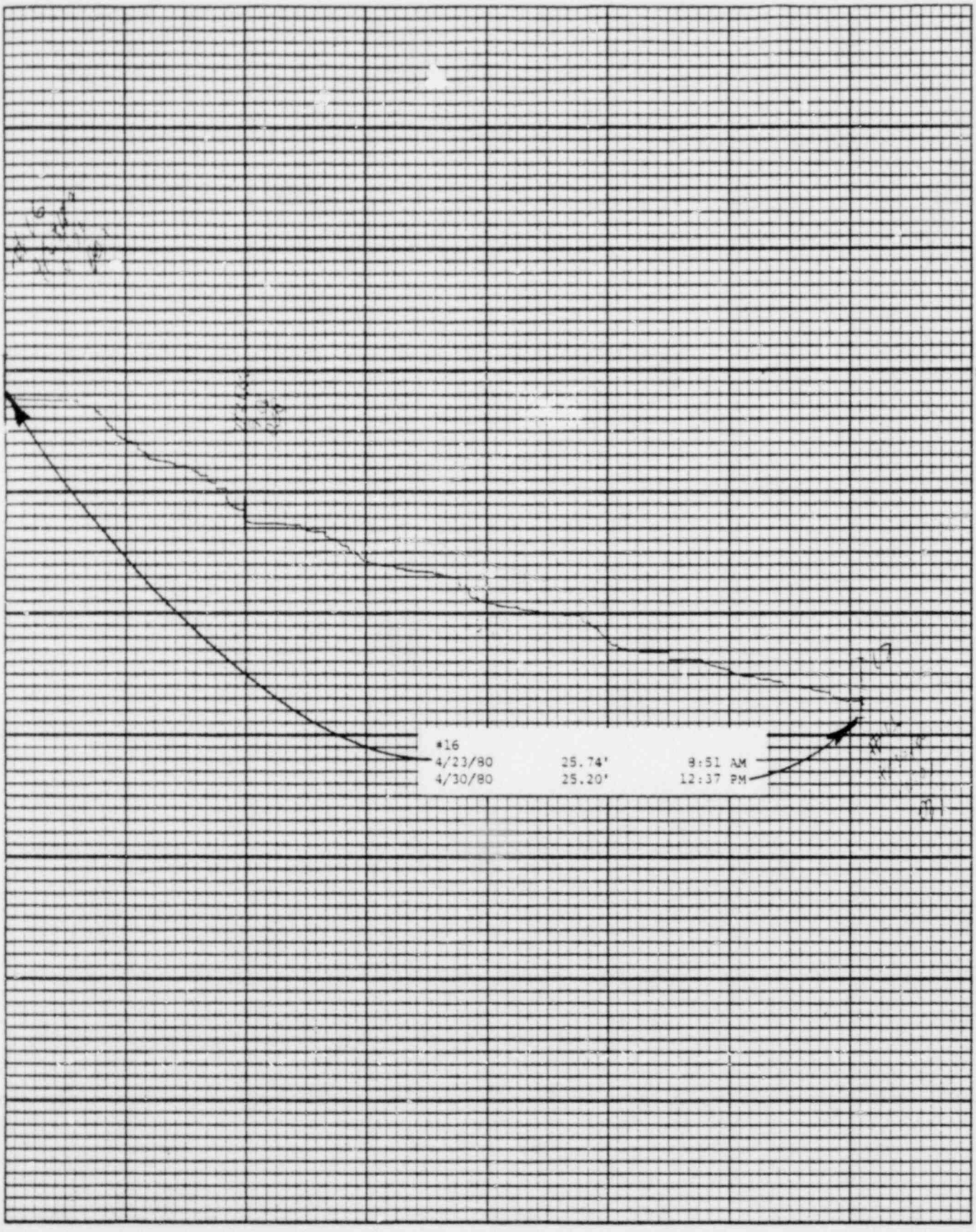
#14
4/23/80
21.04'
10:26 AM
PULLEY HUNG-UP
4/30/80
20.84'
1:47 PM
Leupold & Stevens, Inc. Beaverton, Ore.
Stevens Water Level Recorder — Type F
Chart F-1



Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

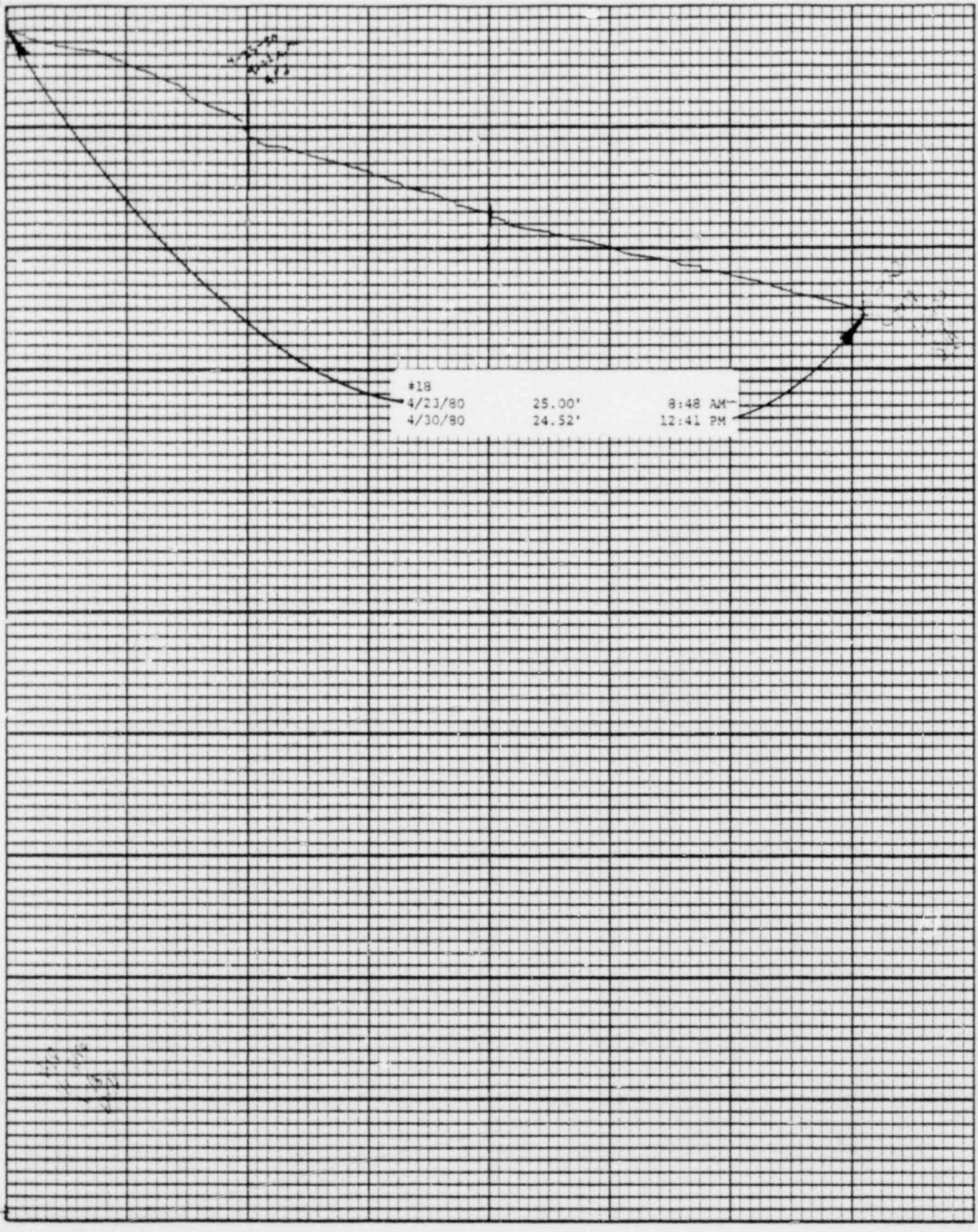


Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

#17
4/23/80 21.36' 9:08 AM
4/30/80 21.13' 12:57 PM
Chart F-1
Leupold & Stevens, Inc., Beaverton, Ore.
Stevens Water Level Recorder — Type F

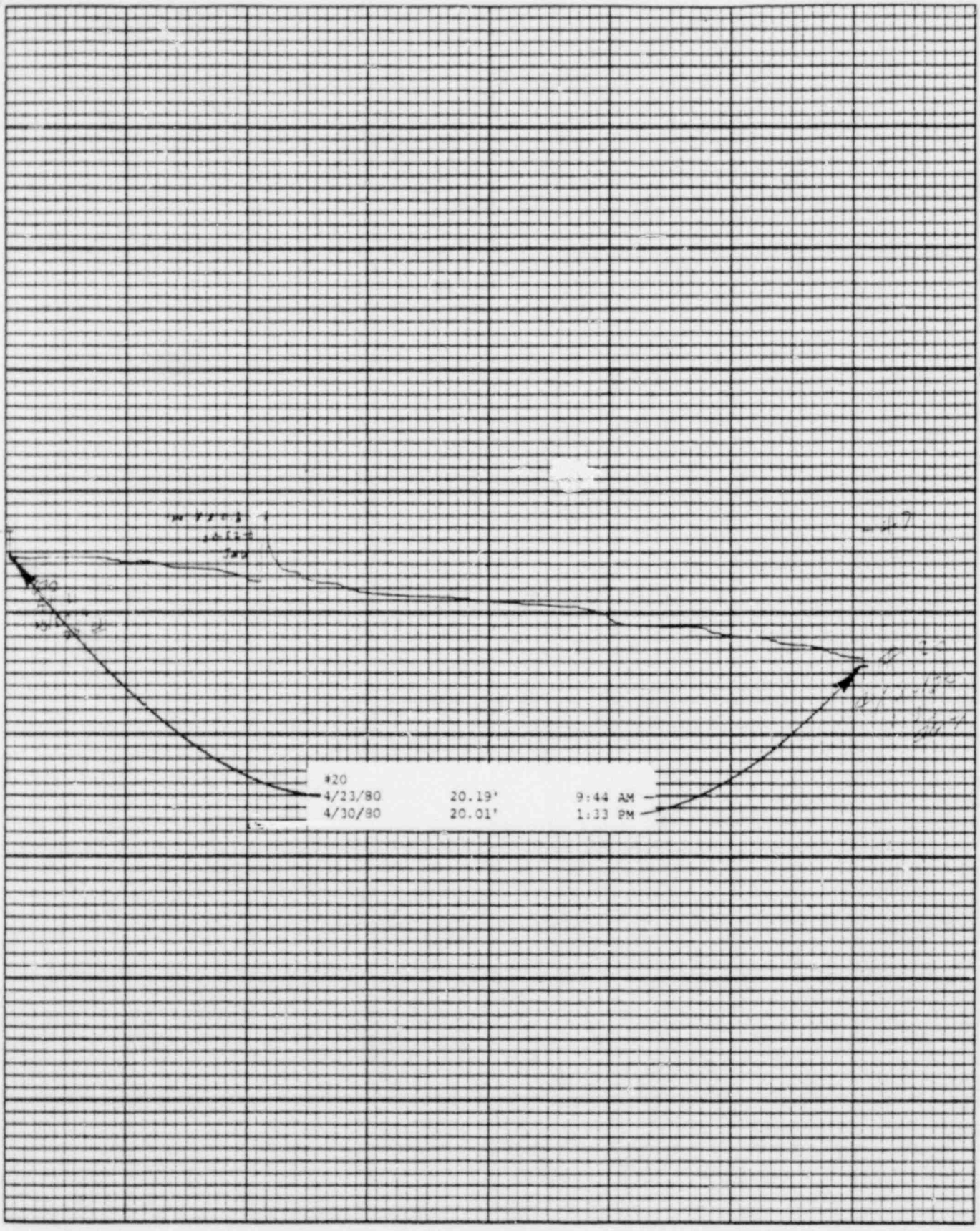


Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

#19
4/23/80 21.83' 9:41 AM
4/30/80 21.63' 1:35 PM
Leupold & Stevens, Inc., Beaverton, Ore.
Stevens Water Level Recorder — Type F
Chart F-1

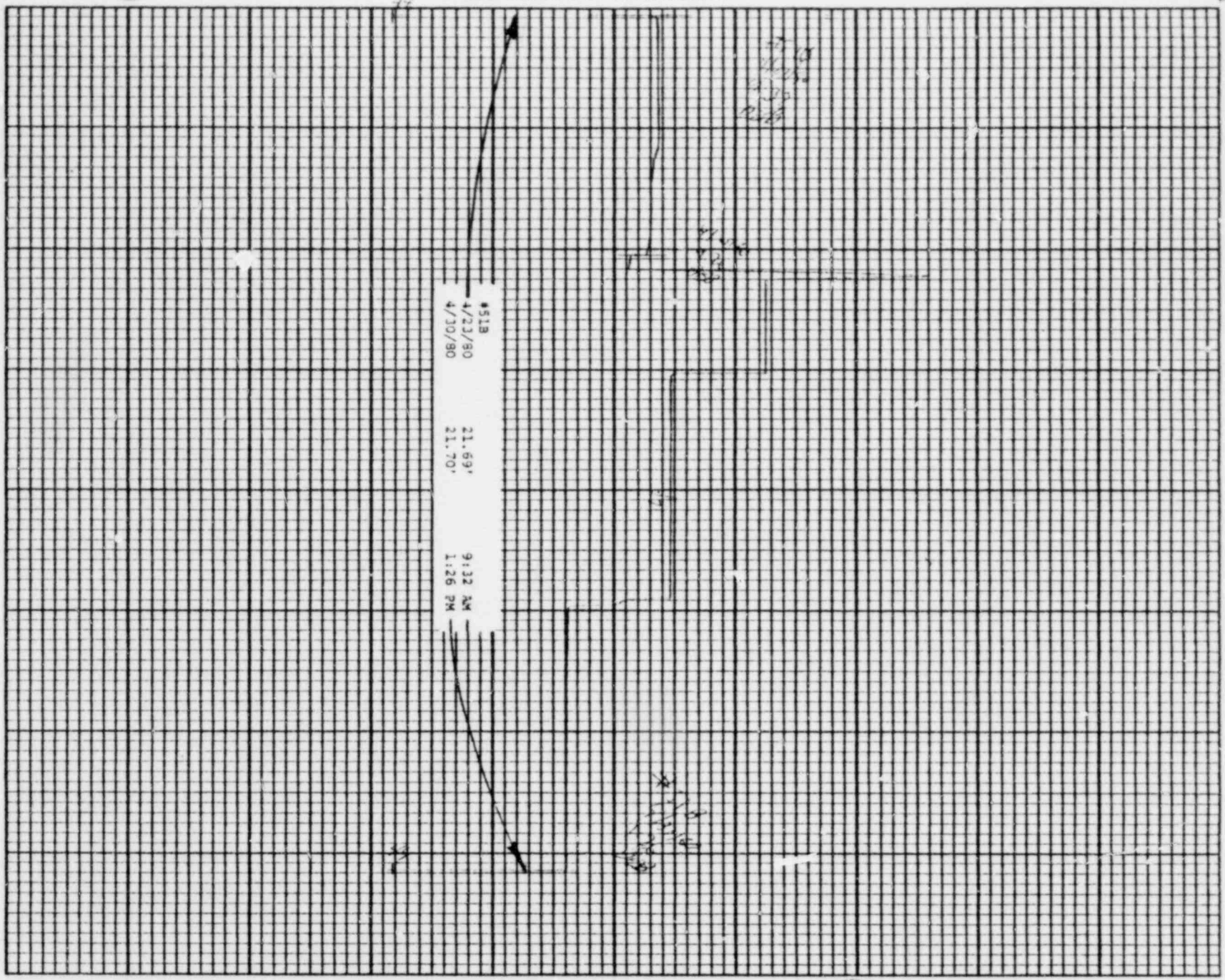


Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

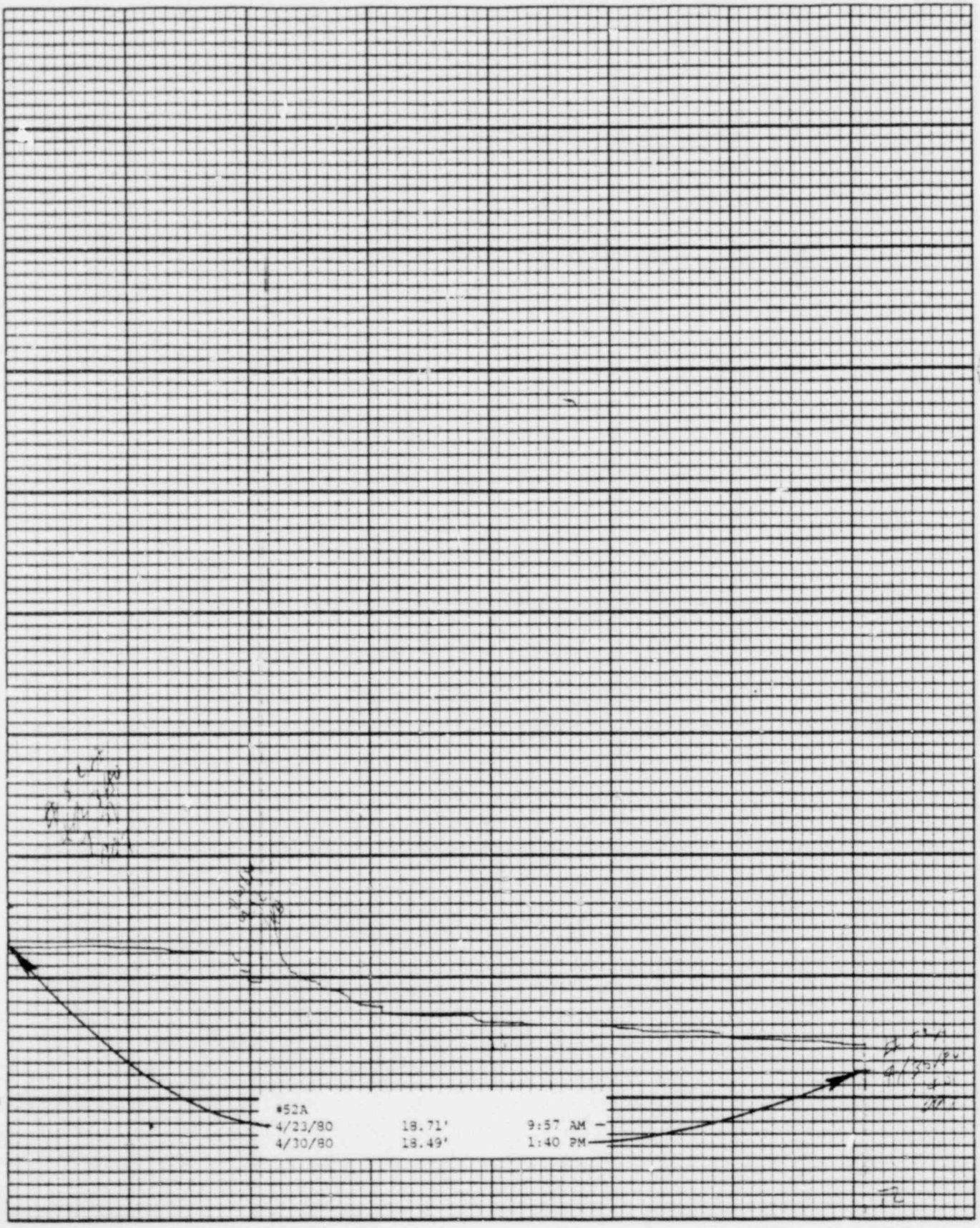
Leupold & Stevens, Inc., Beaverton, Ore.



Stevens Water Level Recorder — Type F

Chart F-1

#51C
4/23/80 14.85' 9:31 AM
4/30/80 14.83' 1:19 PM
Chart F1
Stevens Water Level Recorder — Type F
Leupold & Stevens, Inc., Beaverton, Ore.



Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

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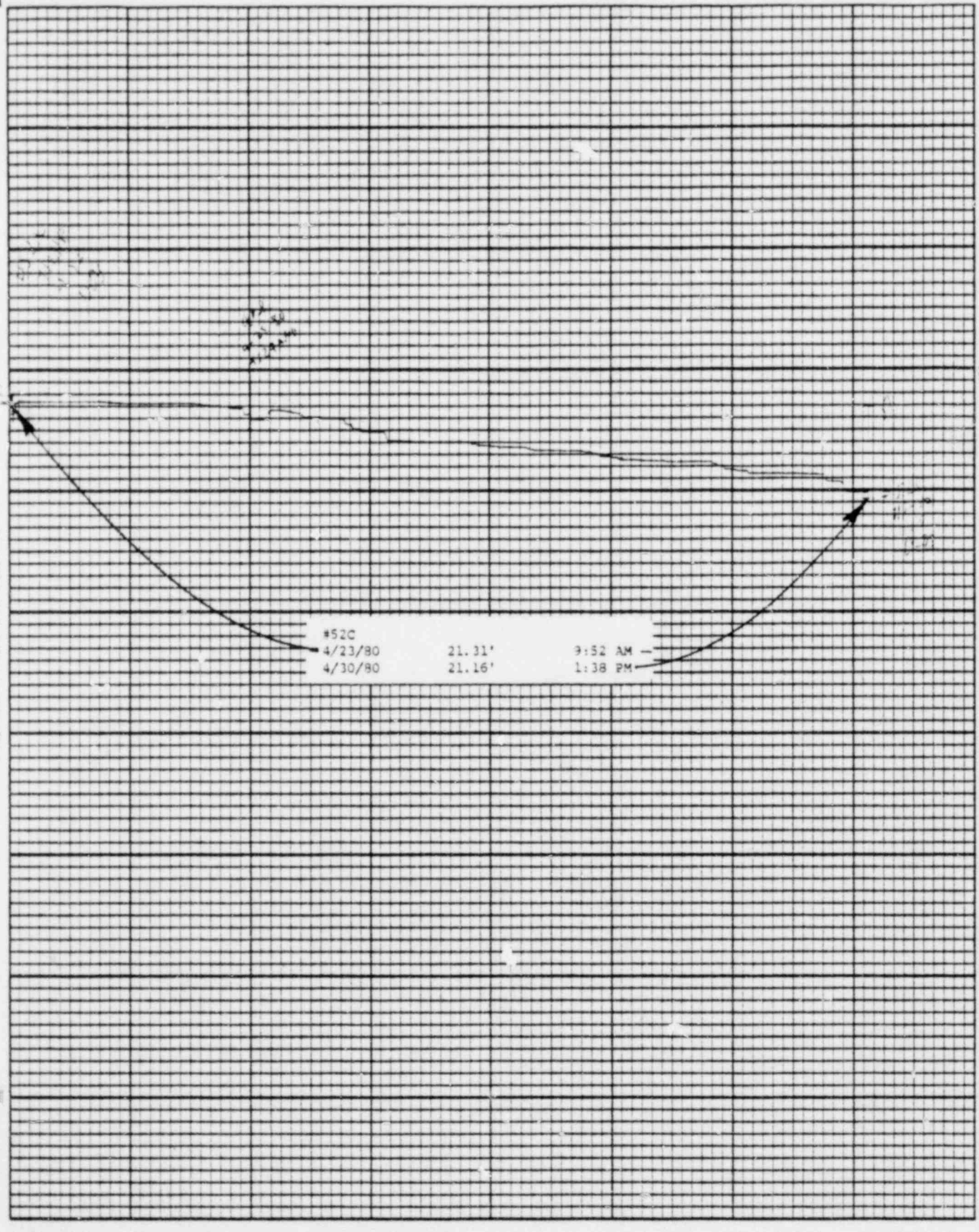
Stevens Water Level Recorder — Type F

Leupold & Stevens, Inc., Beaverton, Ore.



Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

#53A
4/23/80 19.29' 9:38 AM
4/30/80 19.08' 1:33 PM
Leupold & Stevens, Inc., Beaverton, Ore.
Stevens Water Level Recorder — Type F
Chart F-1

Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

#5DB

4/23/80	18.57'	9:36 AM
4/30/80	18.37'	1:30 PM

#53C
4/23/80 18.94' 9:40 AM
4/30/80 18.82' 1:30 PM
Leupold & Stevens, Inc., Beaverton, Ore.
Stevens Water Level Recorder — Type F
Chart F-1

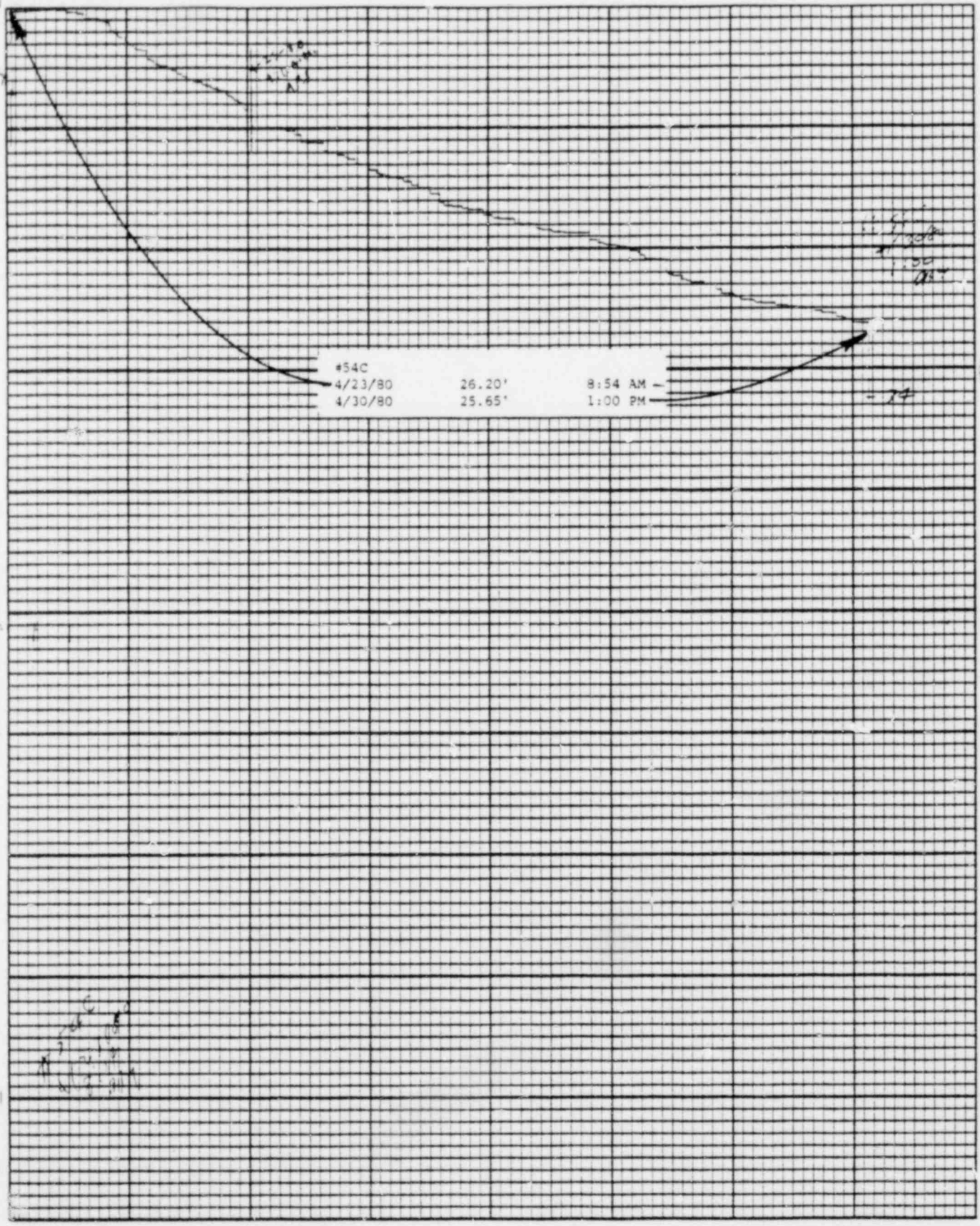
Leupold & Stevens, Inc., Beaverton, Oregon

Stevens Water Level Recorder — Type F

Chart F-1

#54B

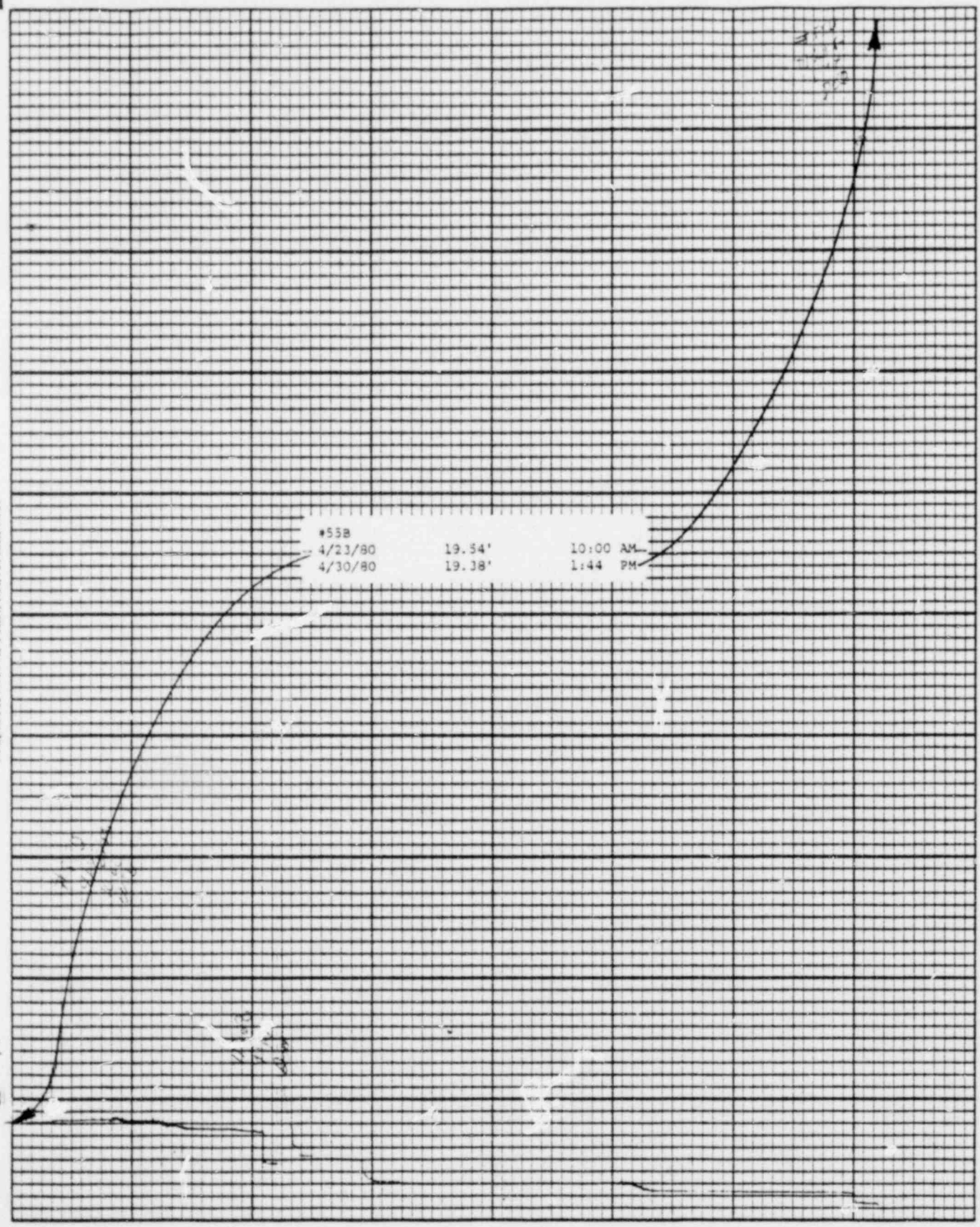
4/23/80	25.13'	8:56 AM
4/30/80	24.71'	12:55 PM



Leupold & Stevens, Inc. Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

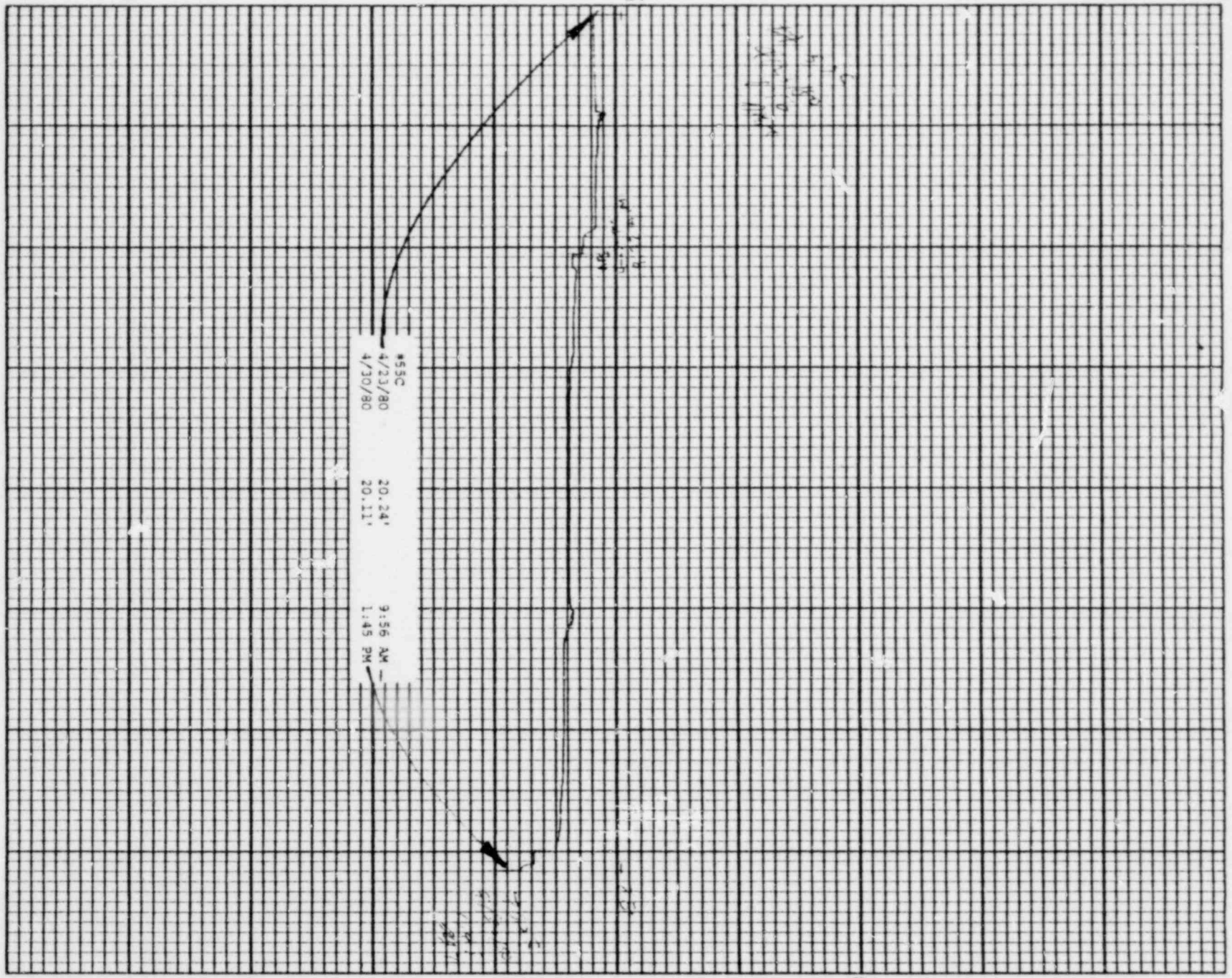


Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

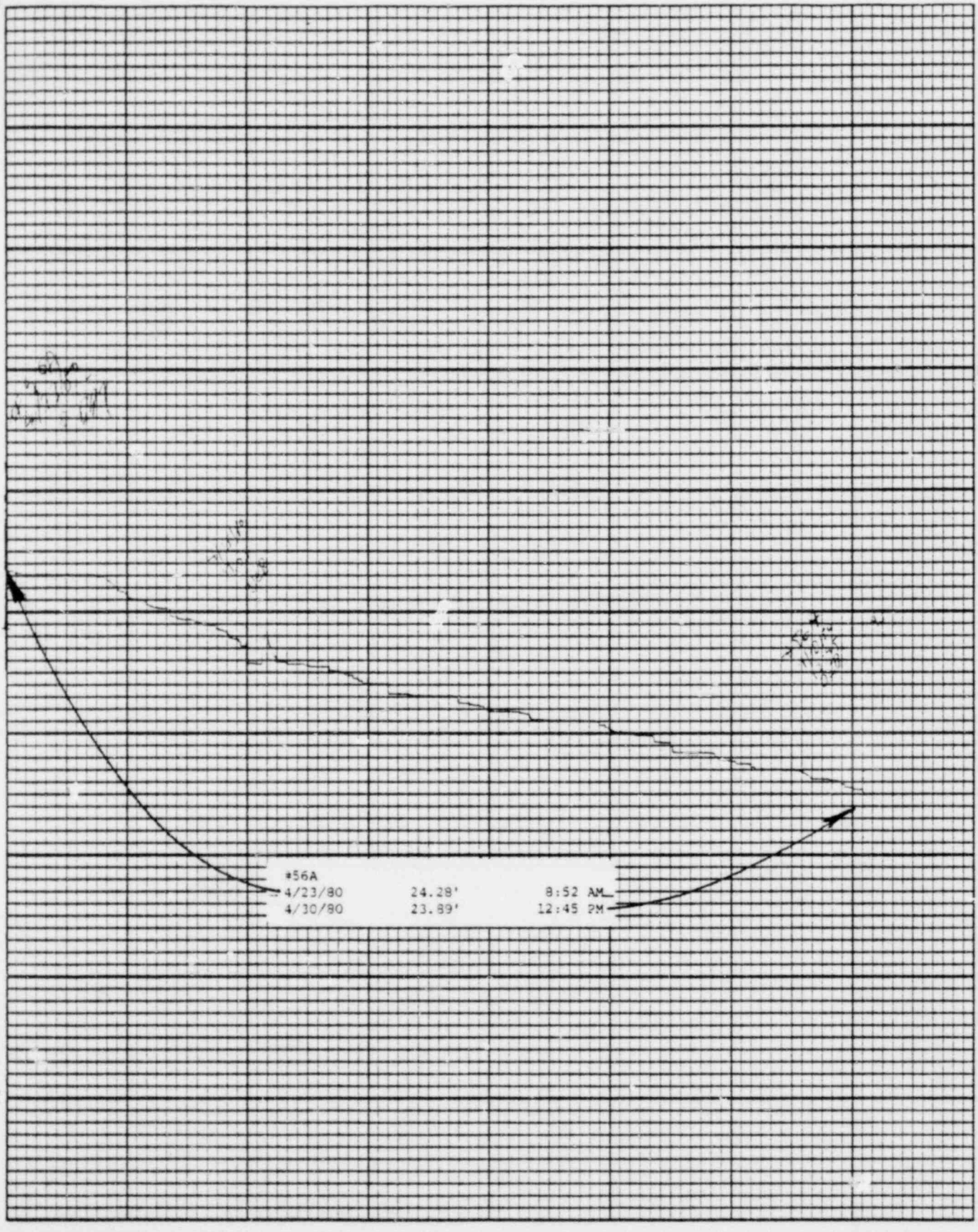
Chart F-1

Leupold & Stevens, Inc., Beaverton, Ore.



Stevens Water Level Recorder — **Type F**

Chart F-1



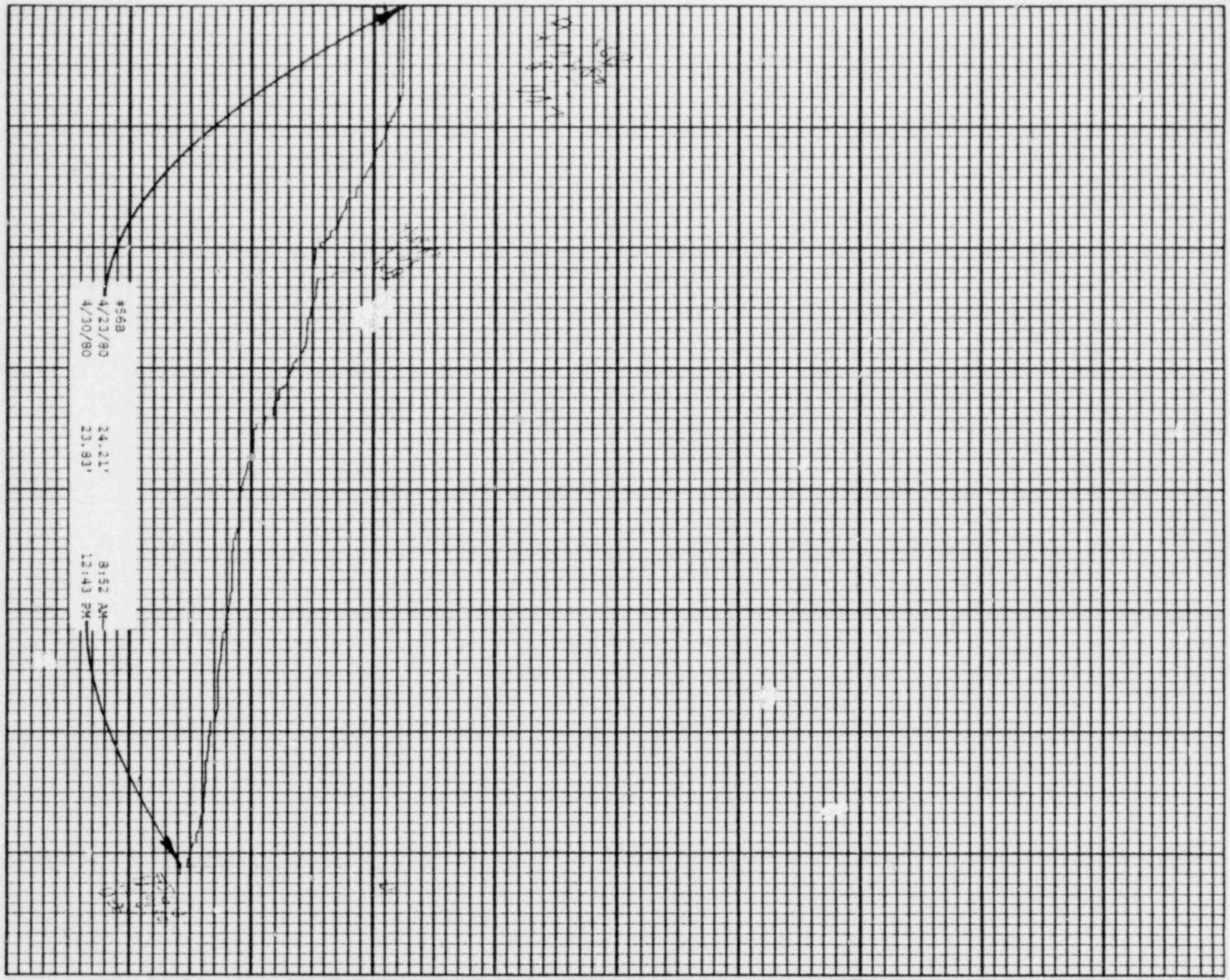
Leupold & Stevens, Inc. Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

Leupold & Stevens, Inc., Beaverton, Ore.

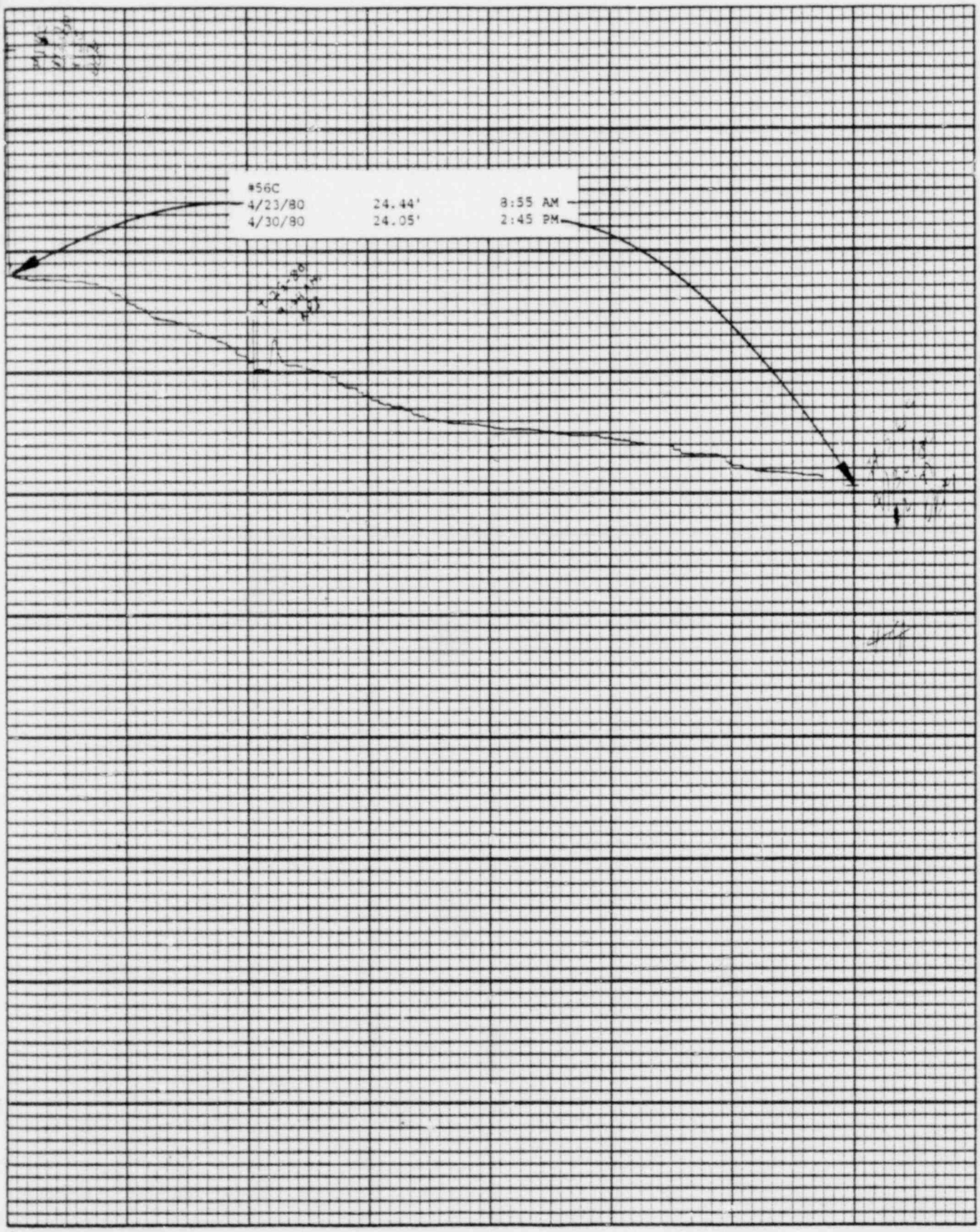
Printed in U.S.A.



Stevens Water Level Recorder — Type F

(S)

Chart F-1



Leupold & Stevens, Inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1

Leupold & Stevens, Inc., Beaverton, Ore.

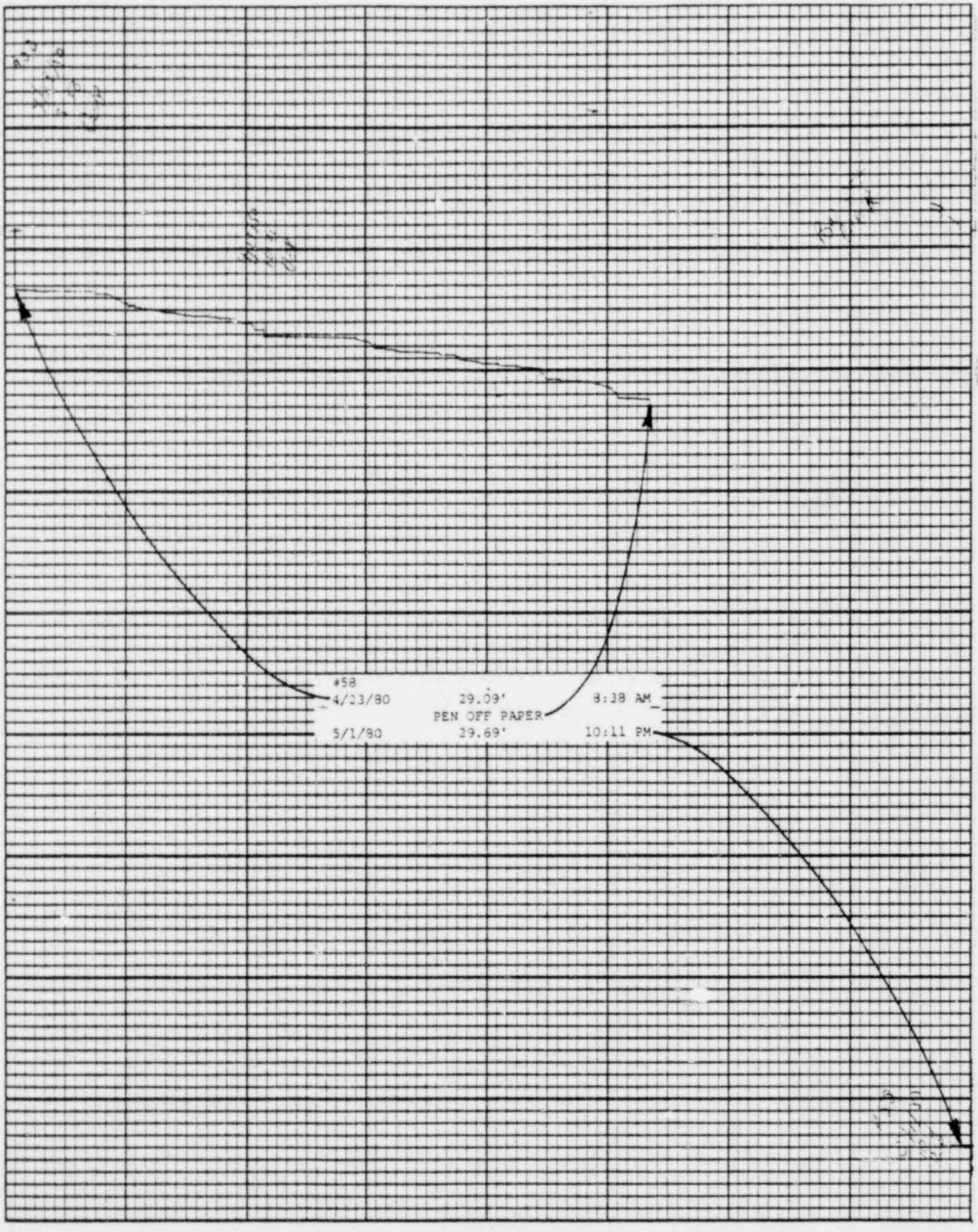
Chart F-1

#57B

4/23/80	23.47'	9:03 AM
4/30/80	23.08'	12:54 PM

Stevens Water Level Recorder — Type F

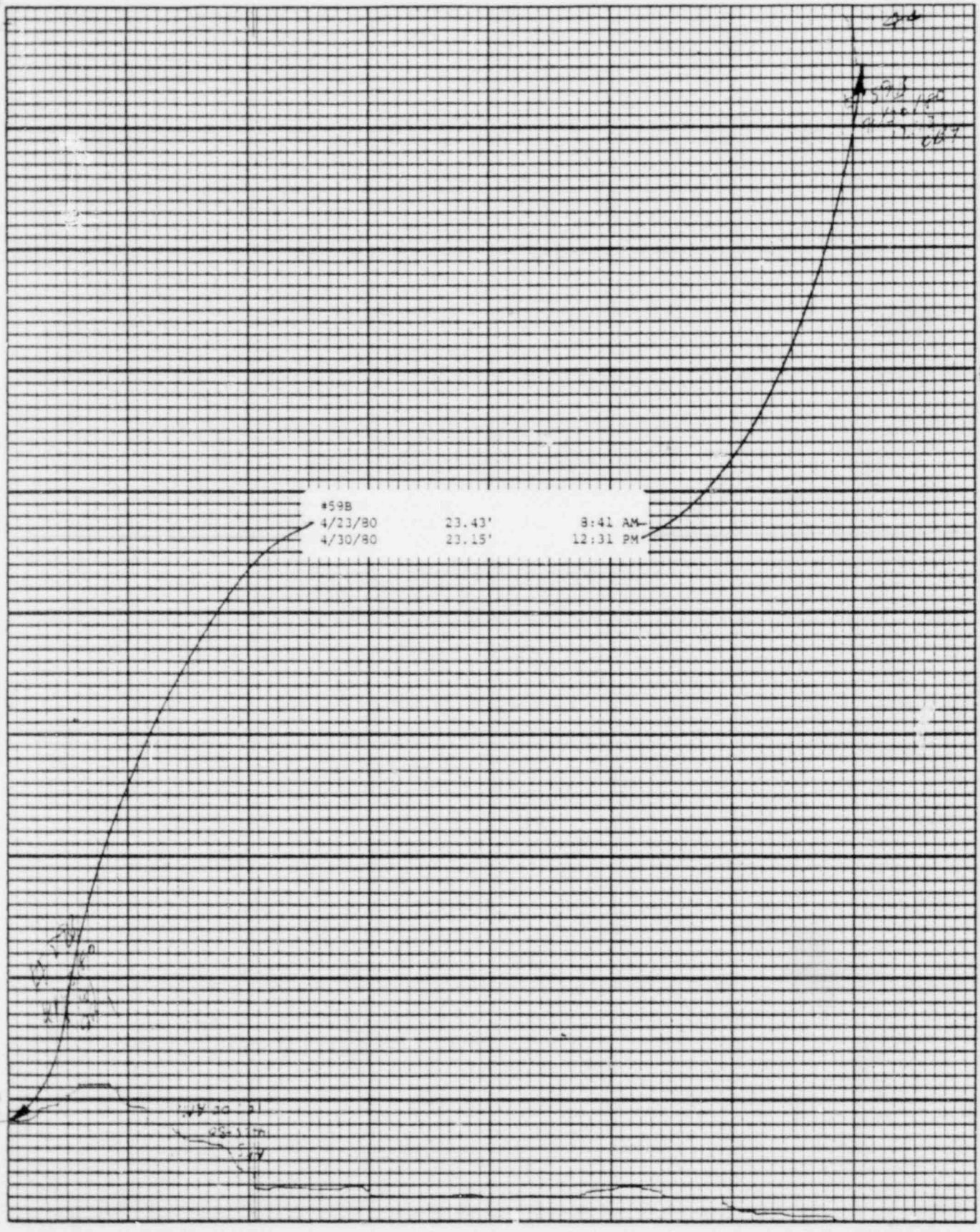
#57C
4/23/80 19.90' 8:09 AM
4/30/80 19.70' 12:51 PM
Leupold & Stevens, Inc., Beaverton, Ore.
Stevens Water Level Recorder — Type F
Chart F-1



Leupold & Stevens, inc., Beaverton, Ore.

Stevens Water Level Recorder — Type F

Chart F-1



Leupold & Stevens, Inc., Beaverton, Ore.

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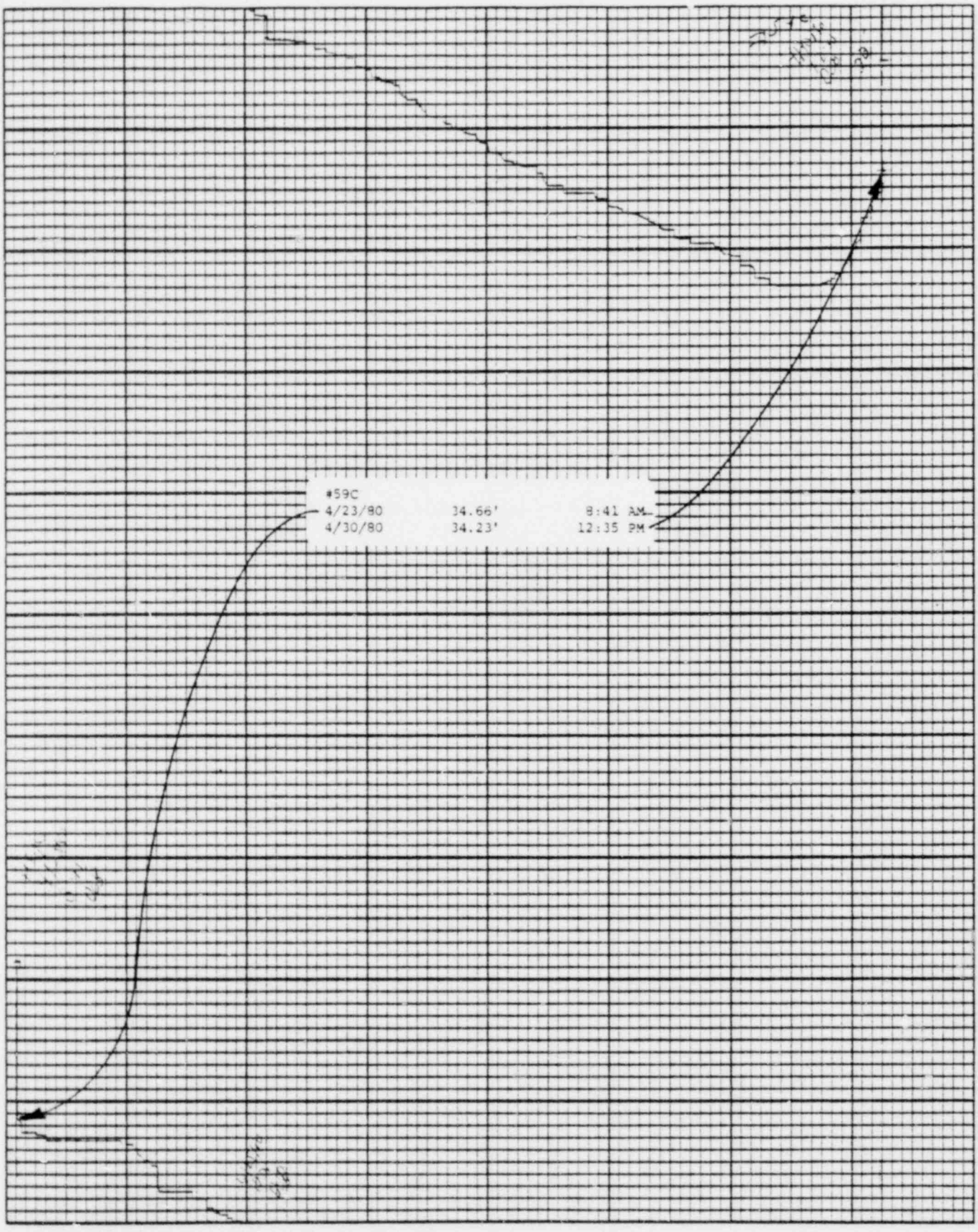
Chart F-1

Stevens Water Level Recorder — Type F



Leupold & Stevens, Inc., Beaverton, Ore.

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Stevens Water Level Recorder — Type F

Chart F-1

BAILLY WELLS WITHOUT RECORDERS

4/30/80

WELL #	WATER ELEVATION IN FEET
62	31.79
65	27.24
67	22.10
72	10.83
73	11.49
74	14.61
APS-1	36.62
APS-2	31.67

DBY:bd

POND LEVELS

POND	4/30/80
1	29.14'
2	30.21'
3	29.54'
4	23.07'
5	23.31'
6	33.81'
7	28.74'
8	INACCESSIBLE
9	28.47'
10	39.91'
11	DRY*
12	35.84'
13	35.05'

*dewatered during construction of ash pond sealing

DBY:bd

PNEUMATIC PRESSURE TRANSDUCERS

4/30/80

TRANSDUCER	WATER ELEVATION IN FEET
P-1	12.3
P-2	13.6
P-3	8.0
P-4	11.6
P-5	15.6
P-6	16.7

DBY:bd

WATER METER READINGS

DATE	TIME	METER READING (GALLONS)	INSTANTANEOUS FLOW RATE (GPM)
Sump Pump Discharge			
4/30/80	8:49 AM	355,544,000	196
Well Point Discharge			
4/30/80	8:49 AM	9,025,589	NOT IN USE

DBY:bd

USGS WELLS
(ELEVATION IN FEET ABOVE STATION DATUM)

4/30/80

WELL	WATER LEVEL
21	30.20
22	29.81
23	29.93
24	28.76
25	23.36
26	27.10
101	22.48
D-1	27.15
D-2	22.99
D-3	30.23
G-1	35.88
G-2	32.36
G-3	32.85
G-4	31.51
G-5	33.23
G-6	30.91

DBY:bd