



Northern Indiana Public Service Company

Nuclear Staff
RR 3, Box 501
Chesterton IN 46304
September 11, 1980

BAILLY GENERATING STATION N-1

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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

Dear Mr. Youngblood:

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

1. Well Charts for 8/27/80 - 9/3/80
2. Bailly Wells Without Recorders for 9/3/80
3. Pond Levels for 9/3/80
4. Pneumatic Pressure Transducers for 9/3/80
5. Water Meter Readings for 9/3/80
6. USGS Wells for 9/3/80
7. Rainfall Data for 5/1/80 - 8/31/80
8. Lake Michigan Levels for 5/15/80, 6/1/80, 6/15/80, 7/1/80, 7/15/80 and 8/1/80.

The data was recentered on the charts for the following well chart recorders by rotating the chart recorders relative to the float cable on 8/27/80:

#14	#18	#54C	#56C
#16	#52B	#56A	#57B
#17	#53B	#56B	

D004
5
1/1

8009150 474

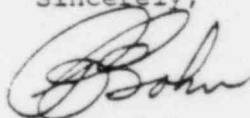
R

Mr. B. J. Youngblood
September 11, 1980
Page Two

Wells #15, #20, #56A - Pen off paper on 9/1/80.

Well #51C - Pulley hung up on 8/28/80.

Sincerely,

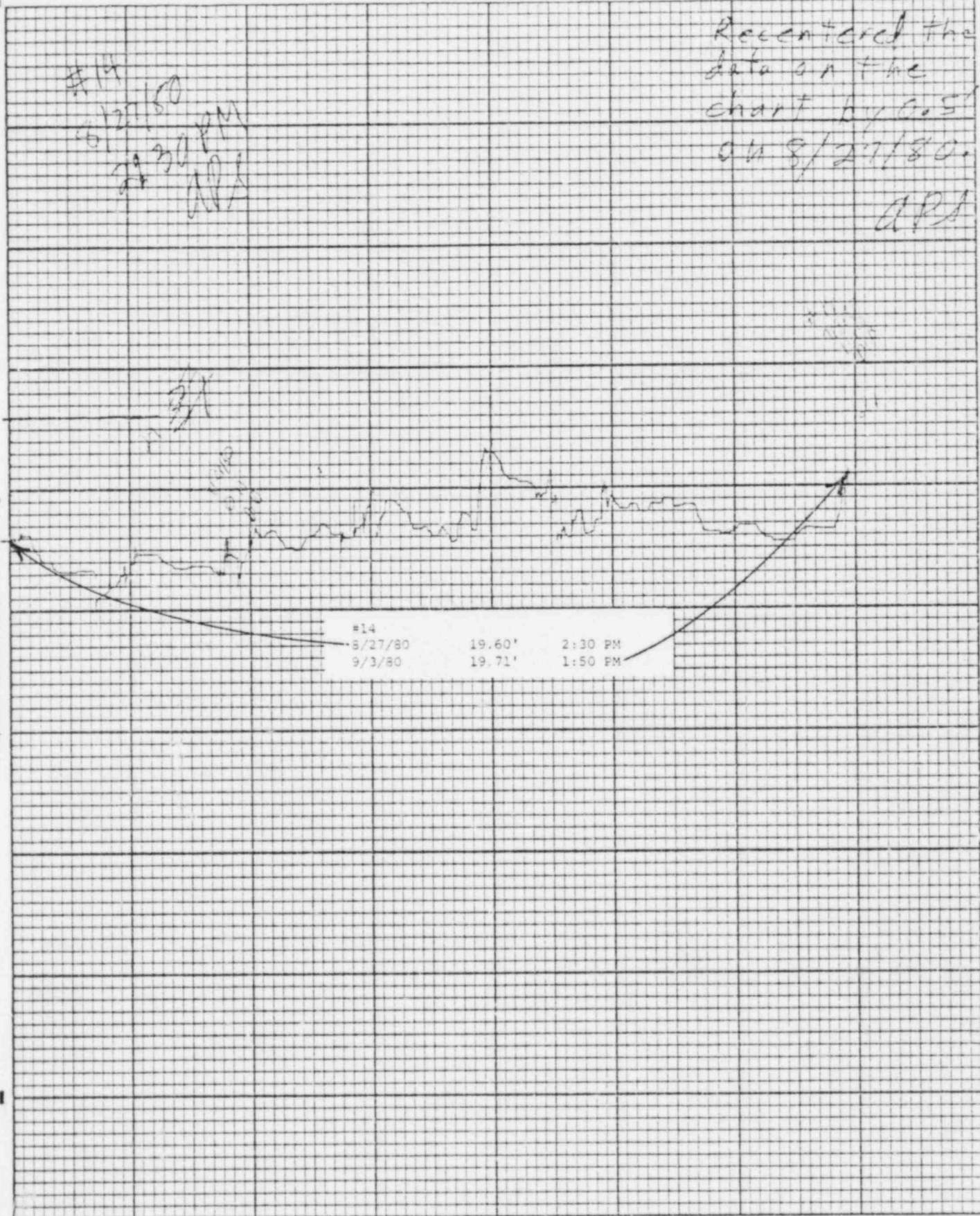


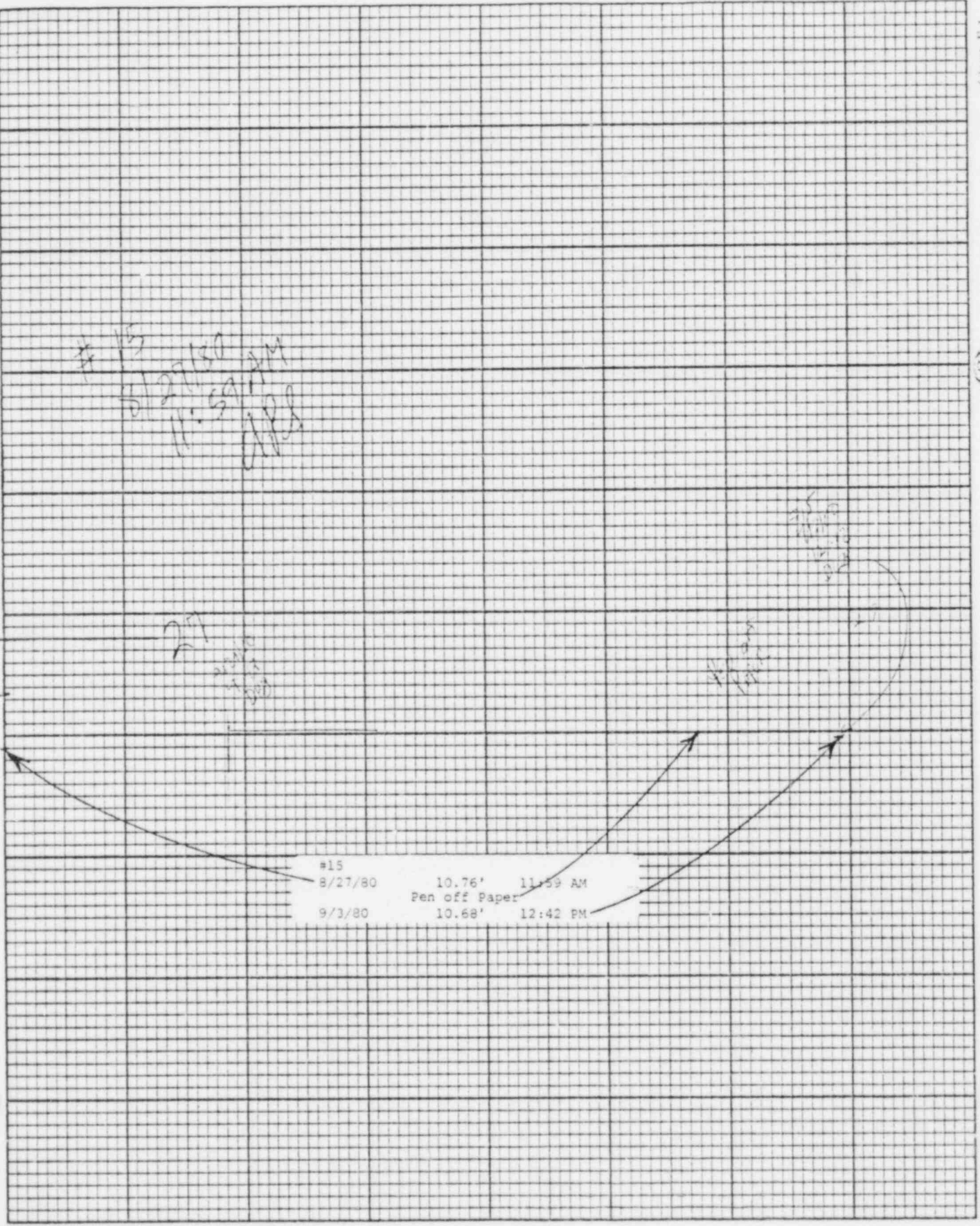
R. J. Bohn
Manager, Nuclear Staff

DEB/mlk

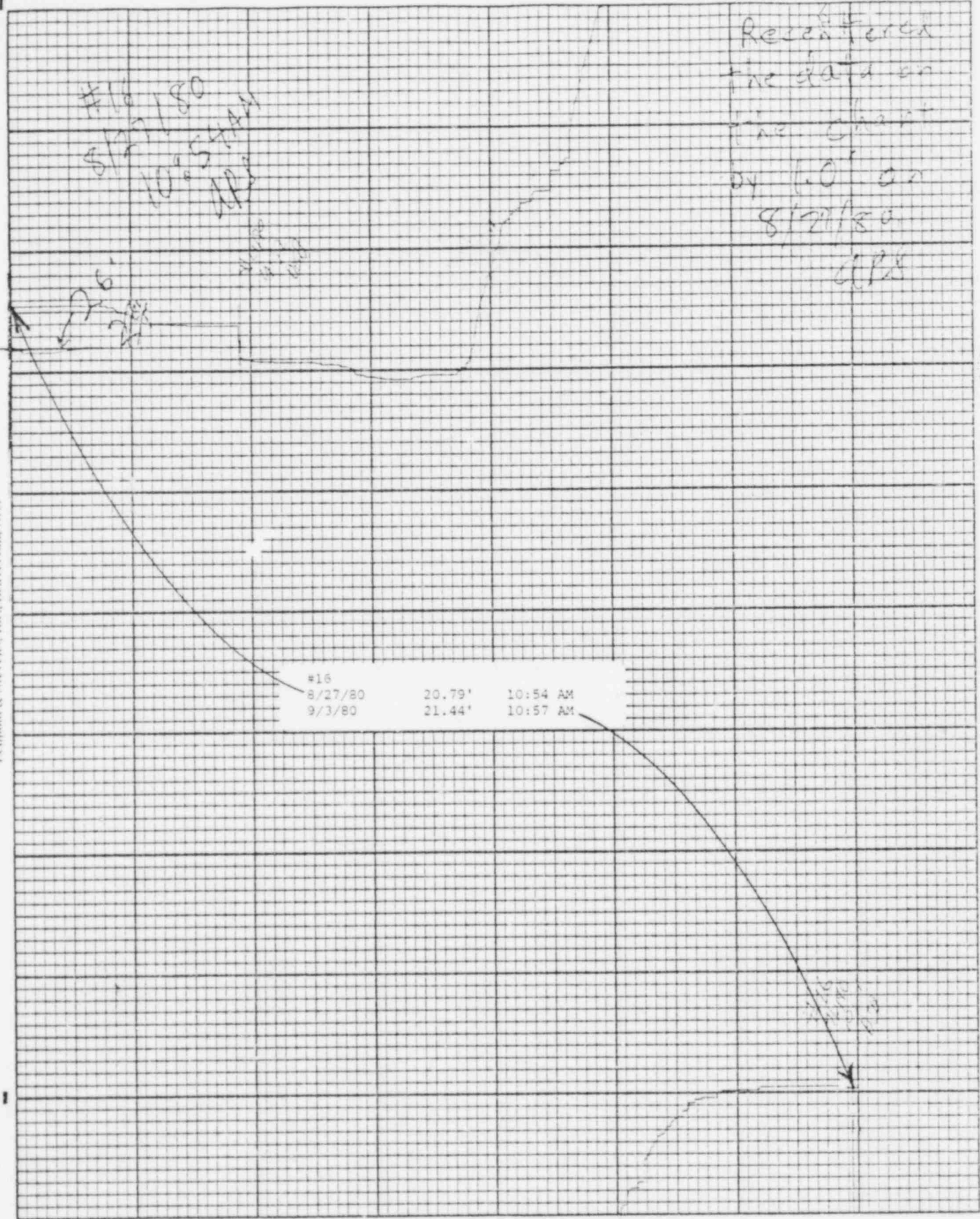
Enclosures

File: Project--Ground Water Observation Monitoring Wells





POOR ORIGINAL



POOR ORIGINAL

#17
8/27/80 11:31 AM
8/27/80 11:04 AM
APR

28

Recentered
the data on
the chart by
0.5' on 8/27/80.
APR

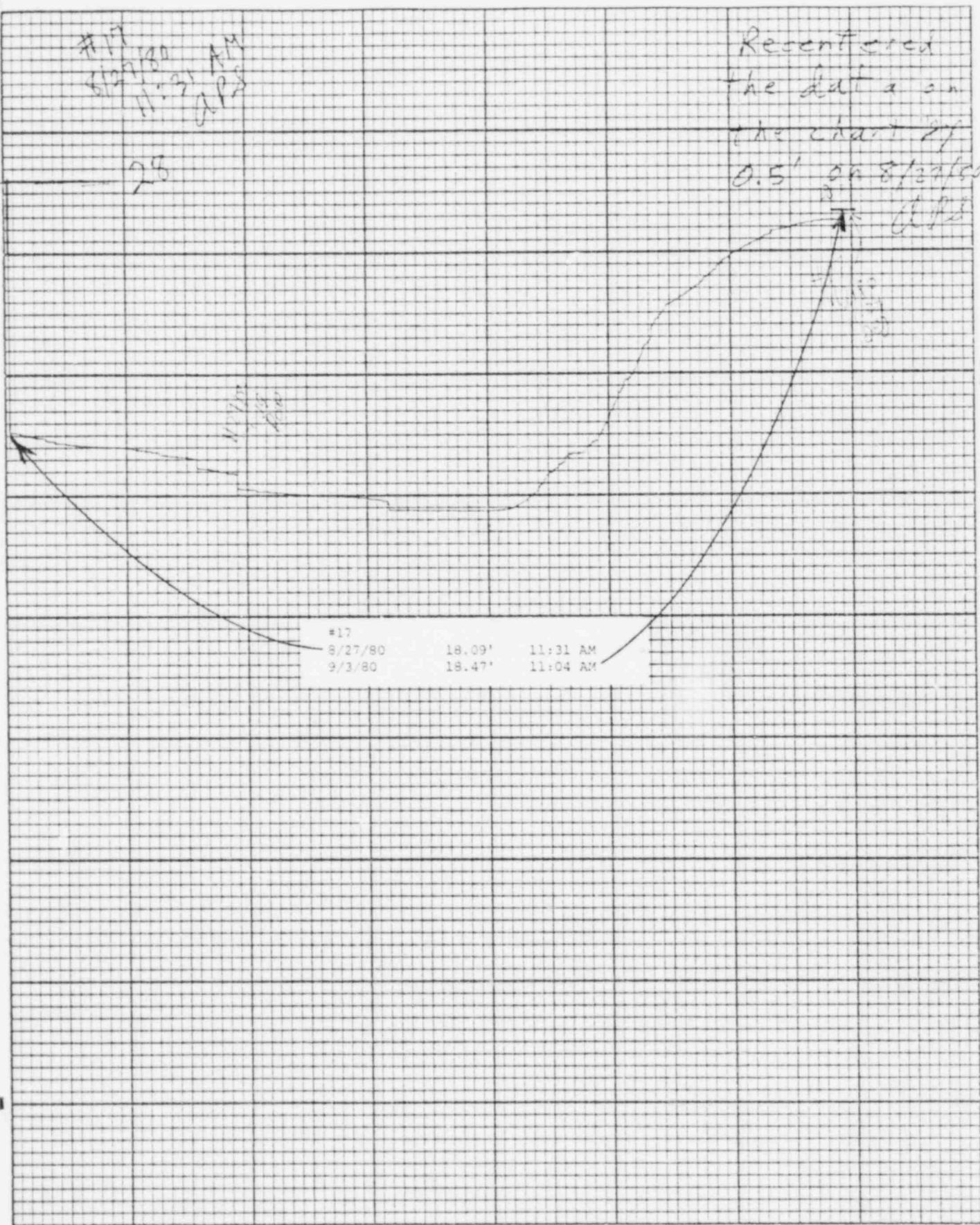
High
Water
Line

#17		
8/27/80	18.09'	11:31 AM
8/27/80	18.47'	11:04 AM

Chart #1

(S)

Stevens Water Level Recorder - Type F



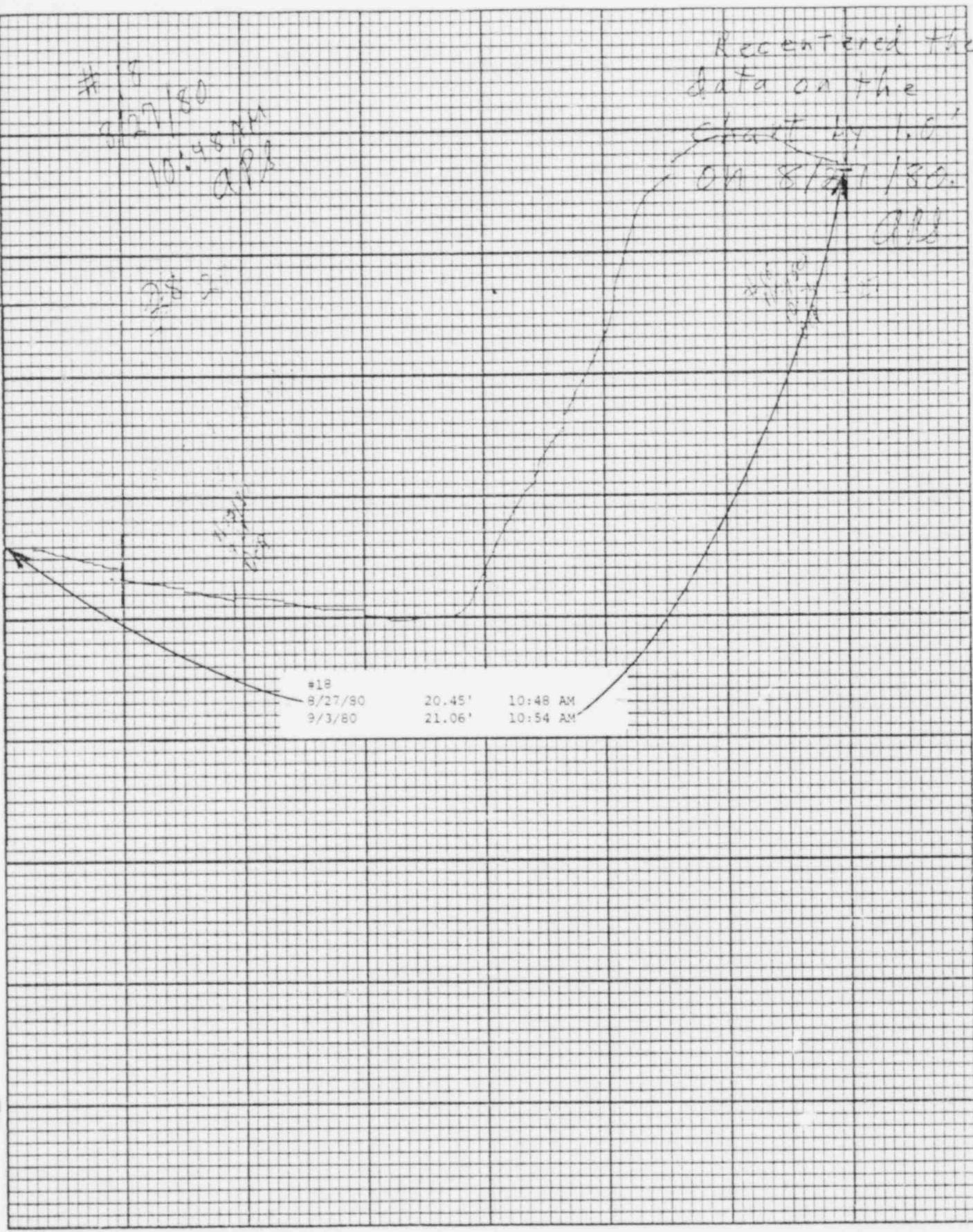
18
 8/27/80
 10:48 AM
 A.P.S.

Reentered the
 data on the
 chart by 1.0'
 on 8/27/80.
 A.P.S.

2.8'

2.8'

#18		
8/27/80	20.45'	10:48 AM
9/3/80	21.06'	10:54 AM



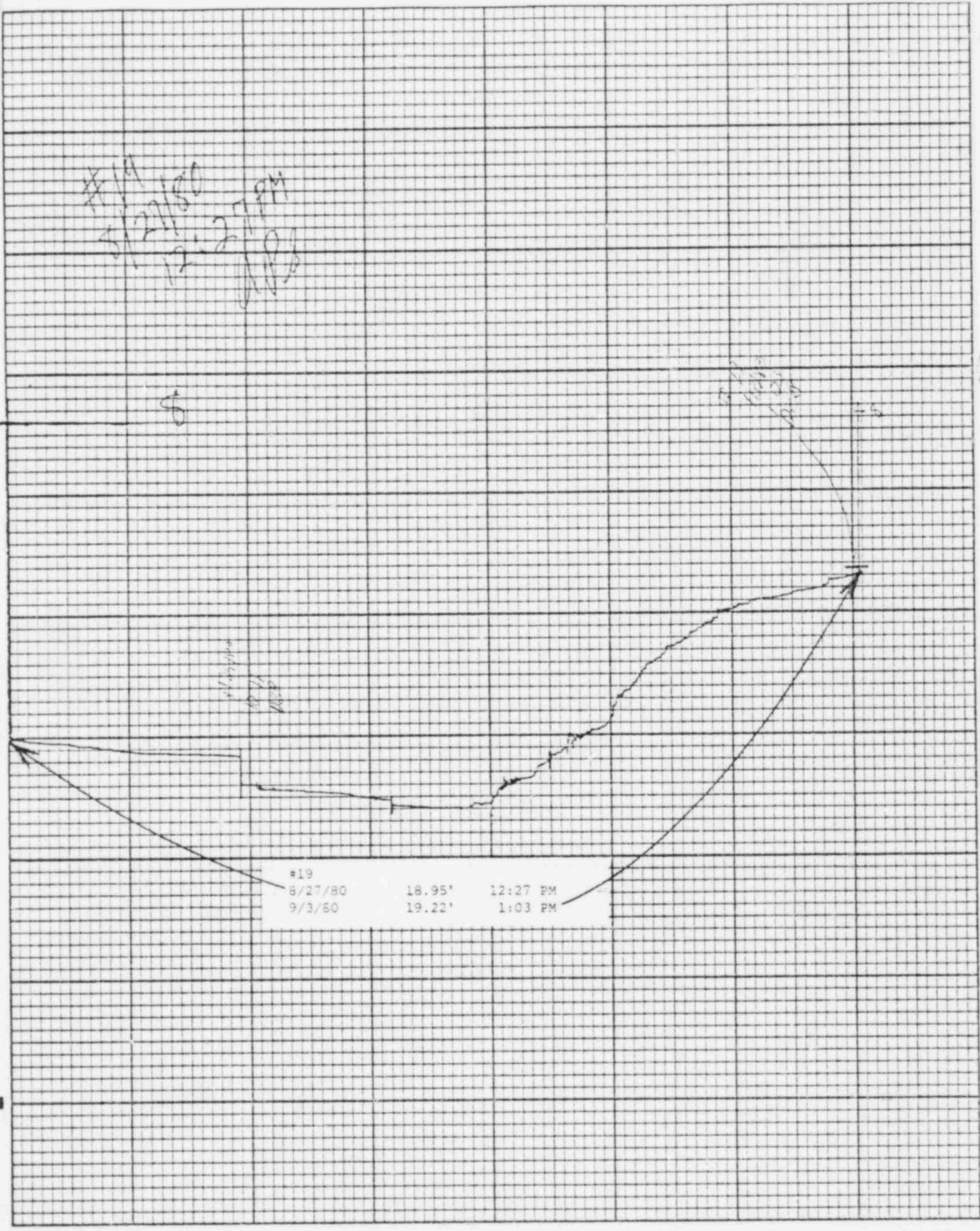
#19
 8/27/80
 12:27 PM
 JRS

8

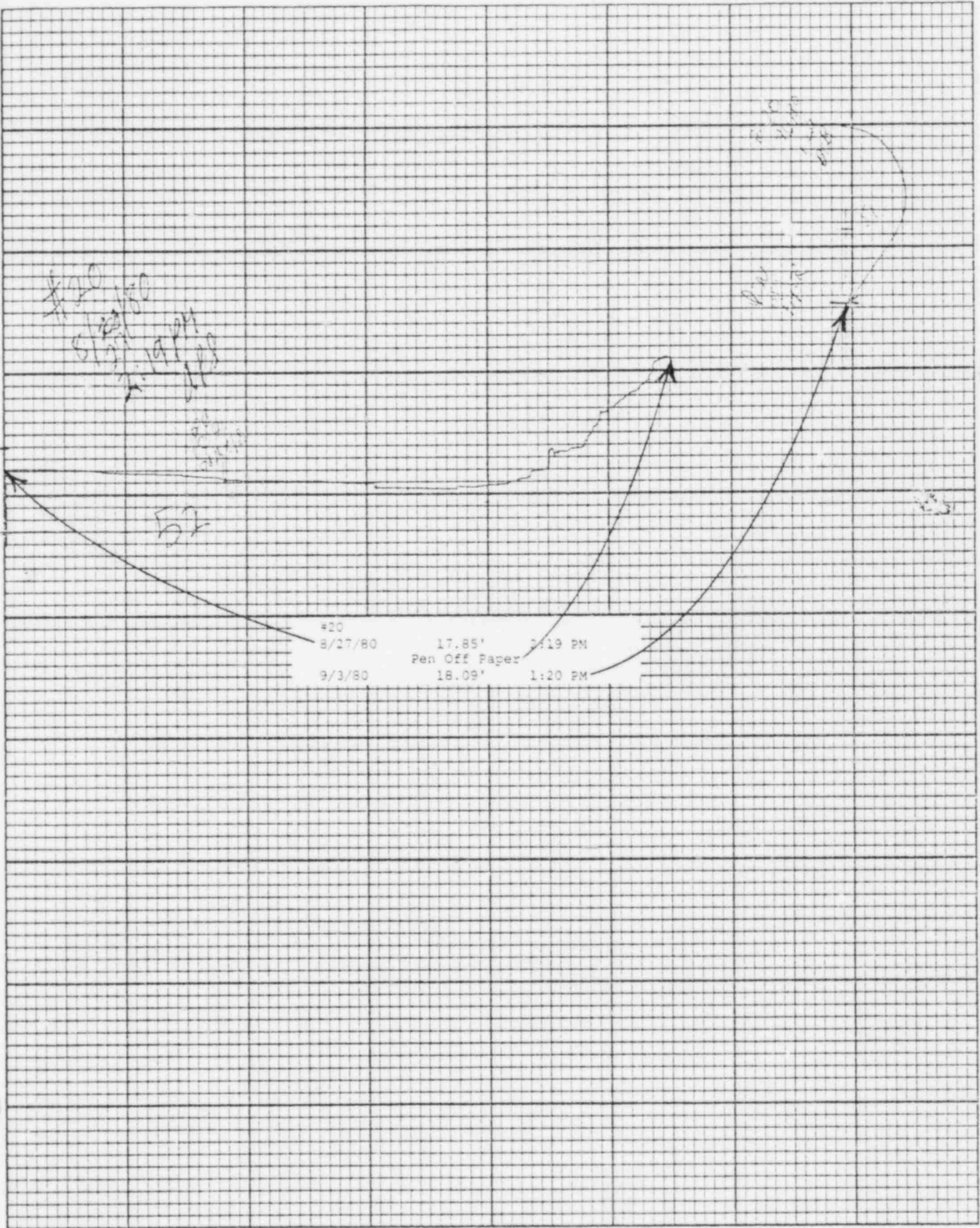
19.22'
 1:03 PM
 JRS

18.95'
 12:27 PM
 JRS

#19	8/27/80	18.95'	12:27 PM
	9/3/80	19.22'	1:03 PM



(S)



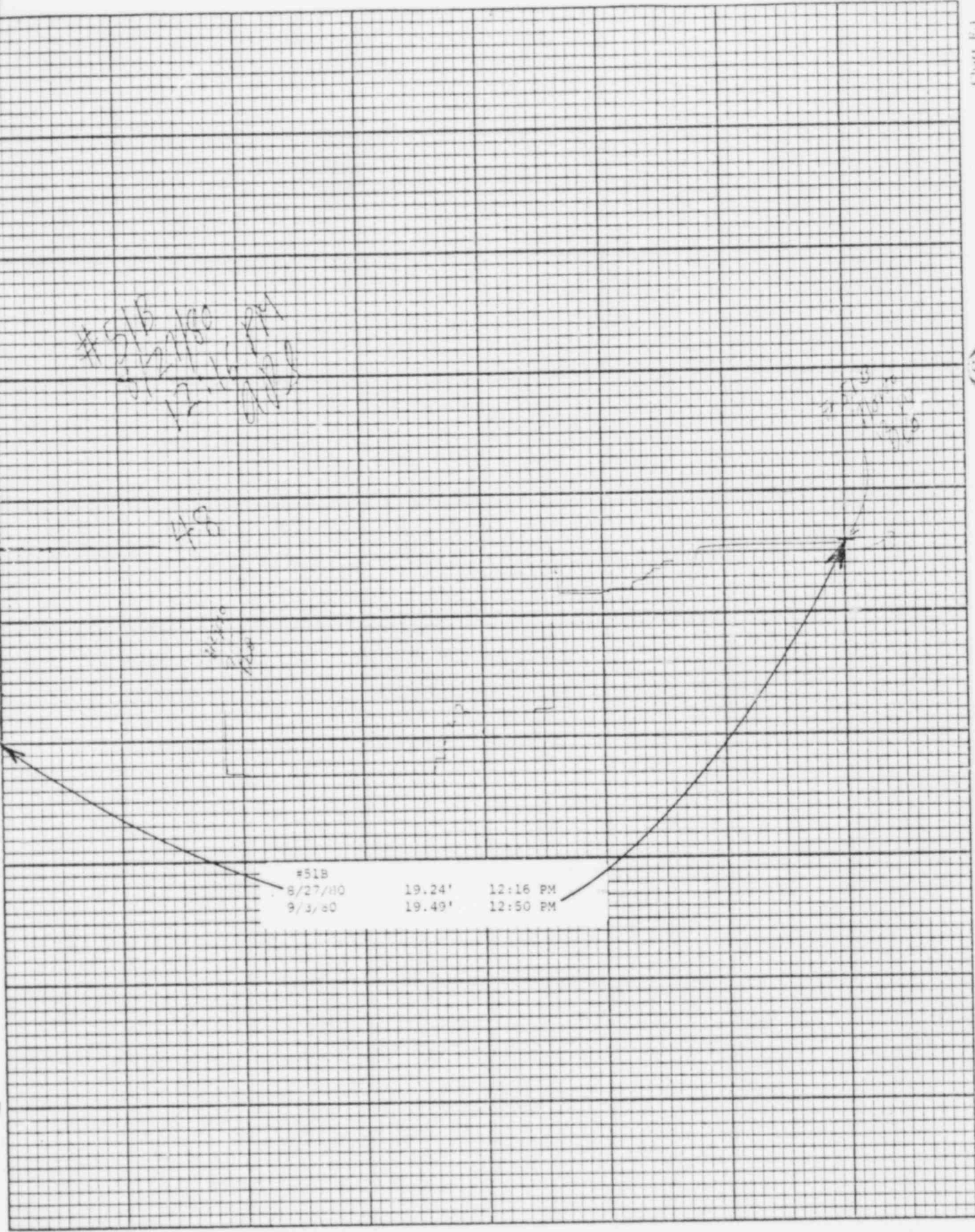
#51B
8/27/80
12:16 PM
9/3/80

48

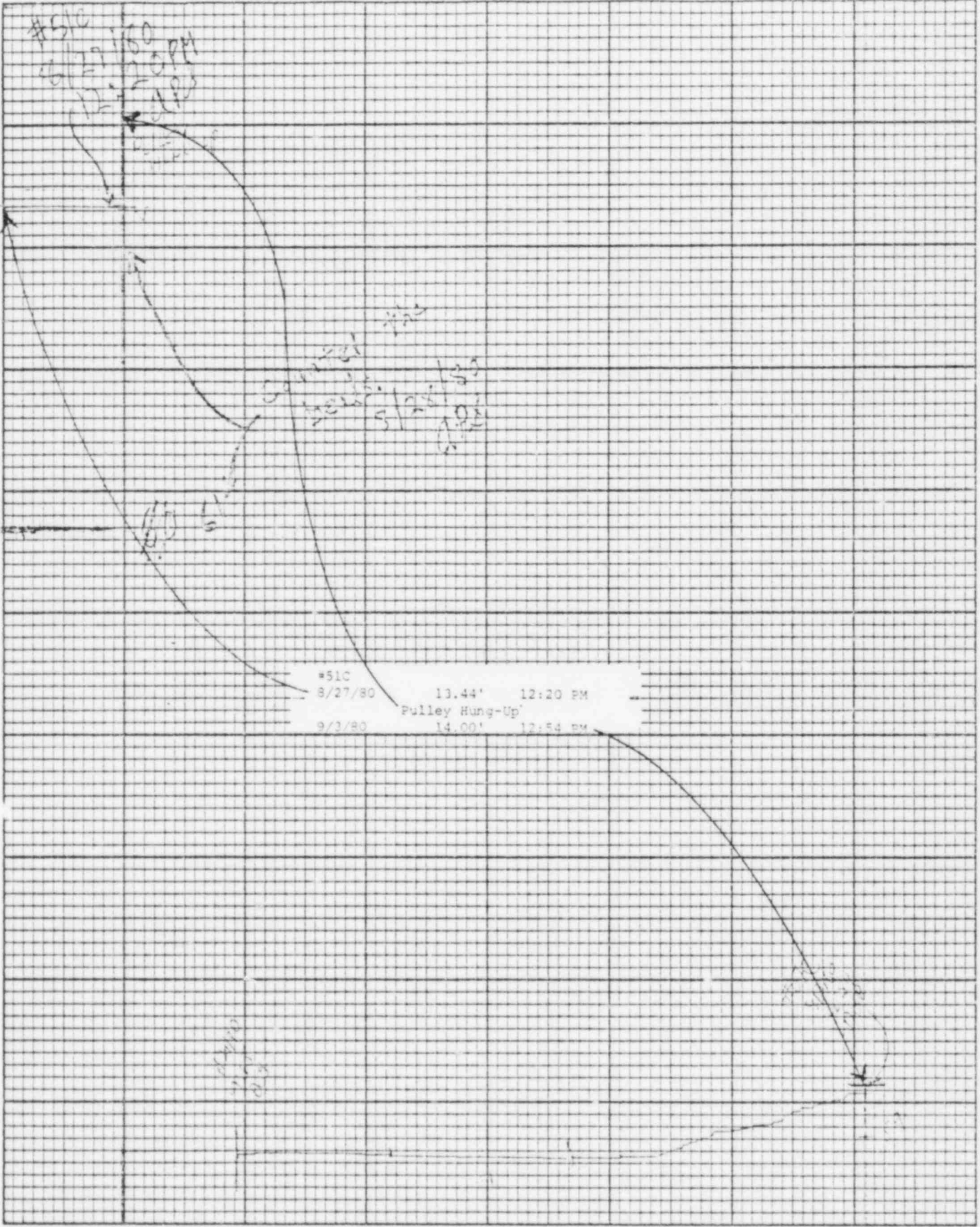
Station
1200

#51B
8/27/80
12:16 PM
9/3/80

(S)



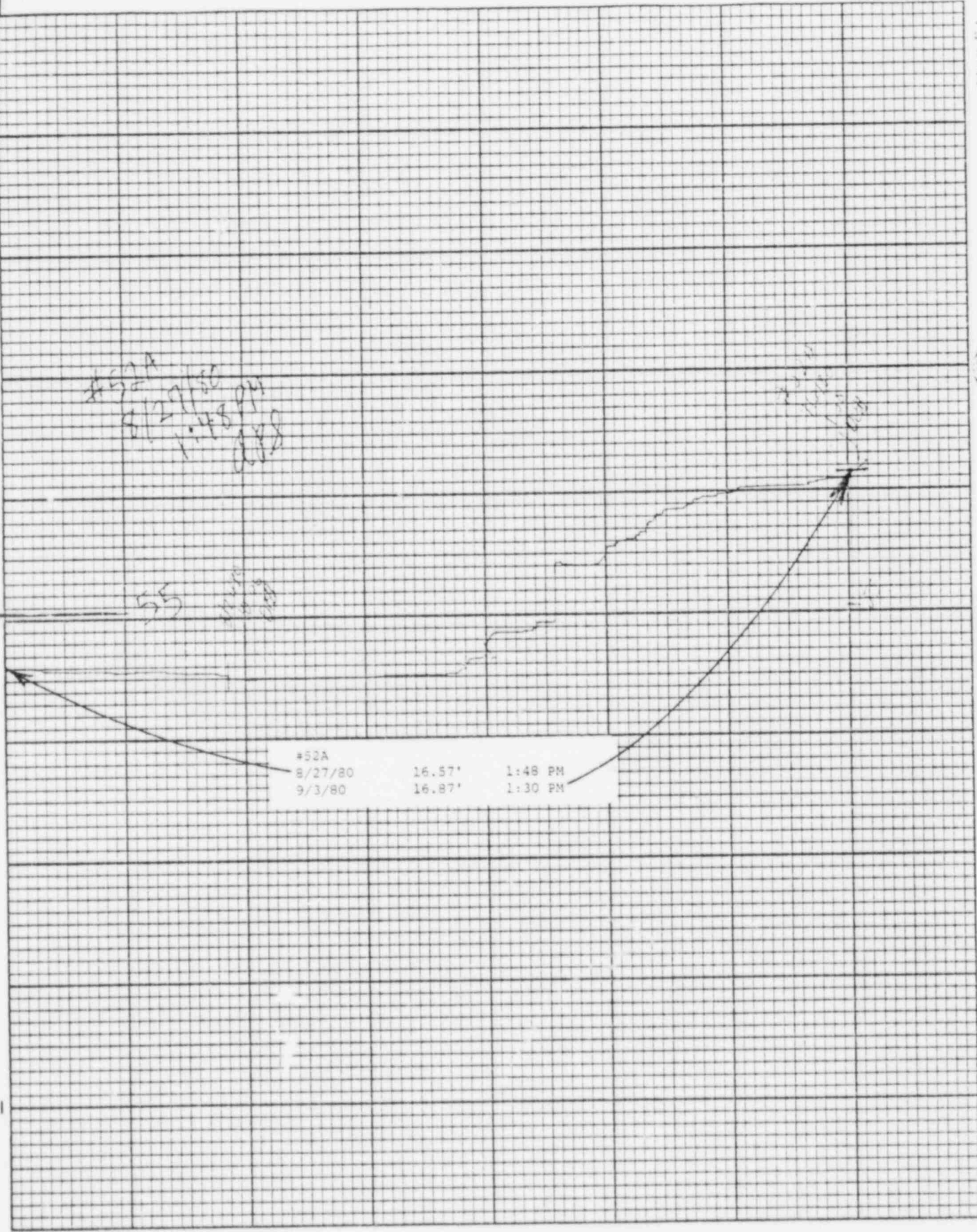
#51B		
8/27/80	19.24'	12:16 PM
9/3/80	19.49'	12:50 PM



#52A
 8/29/80
 1:48 PM
 JJS

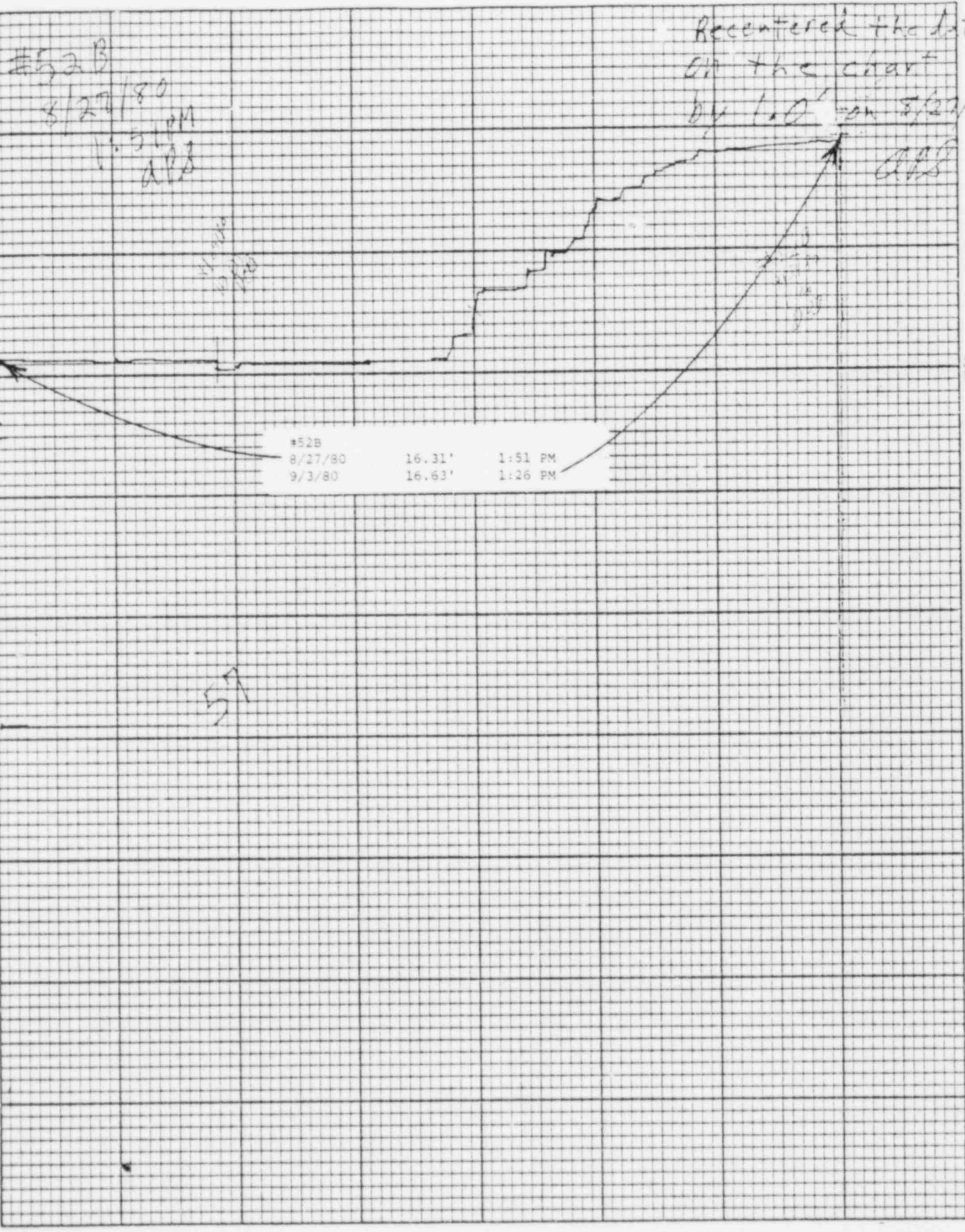
55
 16.57
 16.87

#52A		
8/27/80	16.57'	1:48 PM
9/3/80	16.87'	1:30 PM



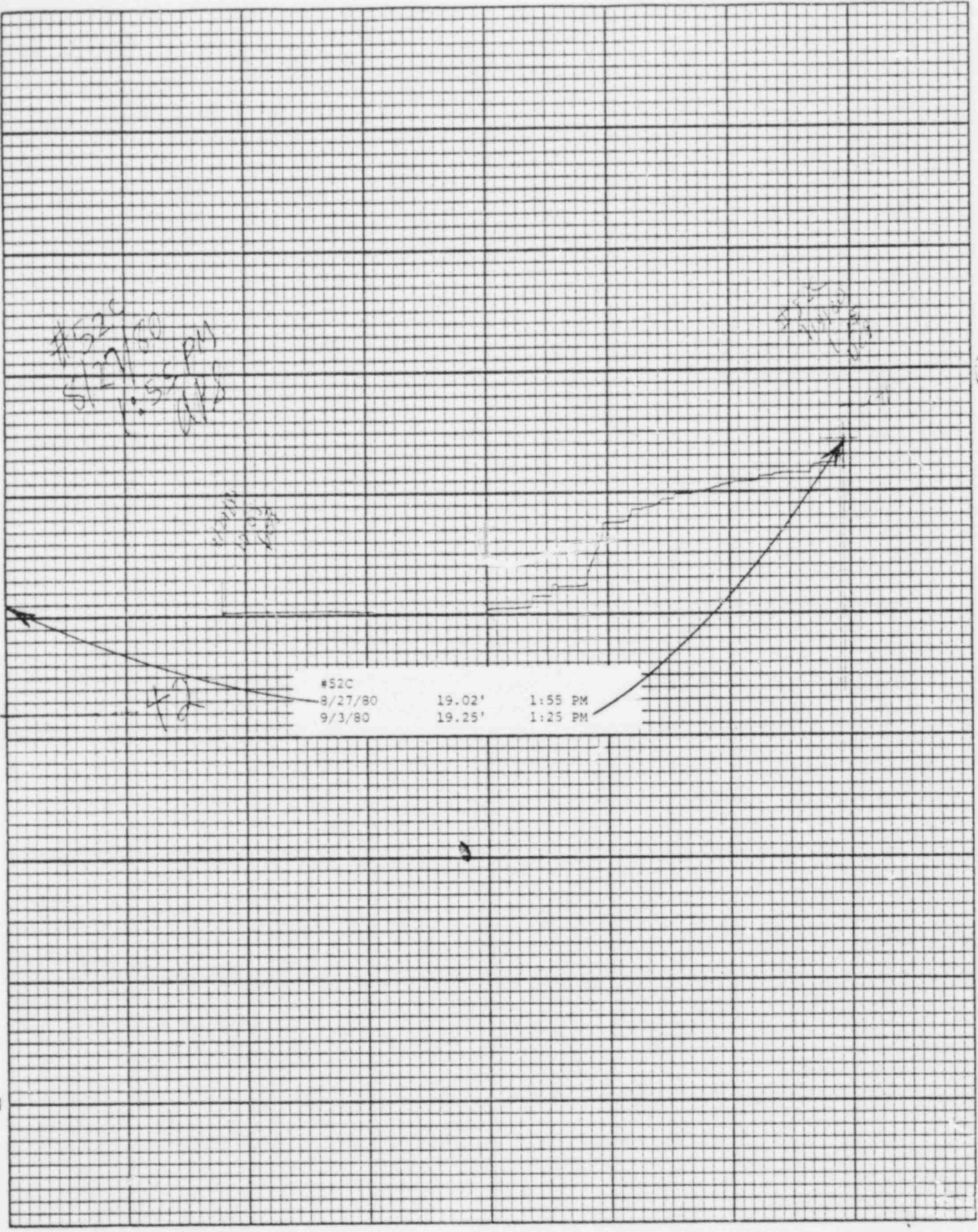
Leopold & Stevens, Inc., Beaverlton, Ore.

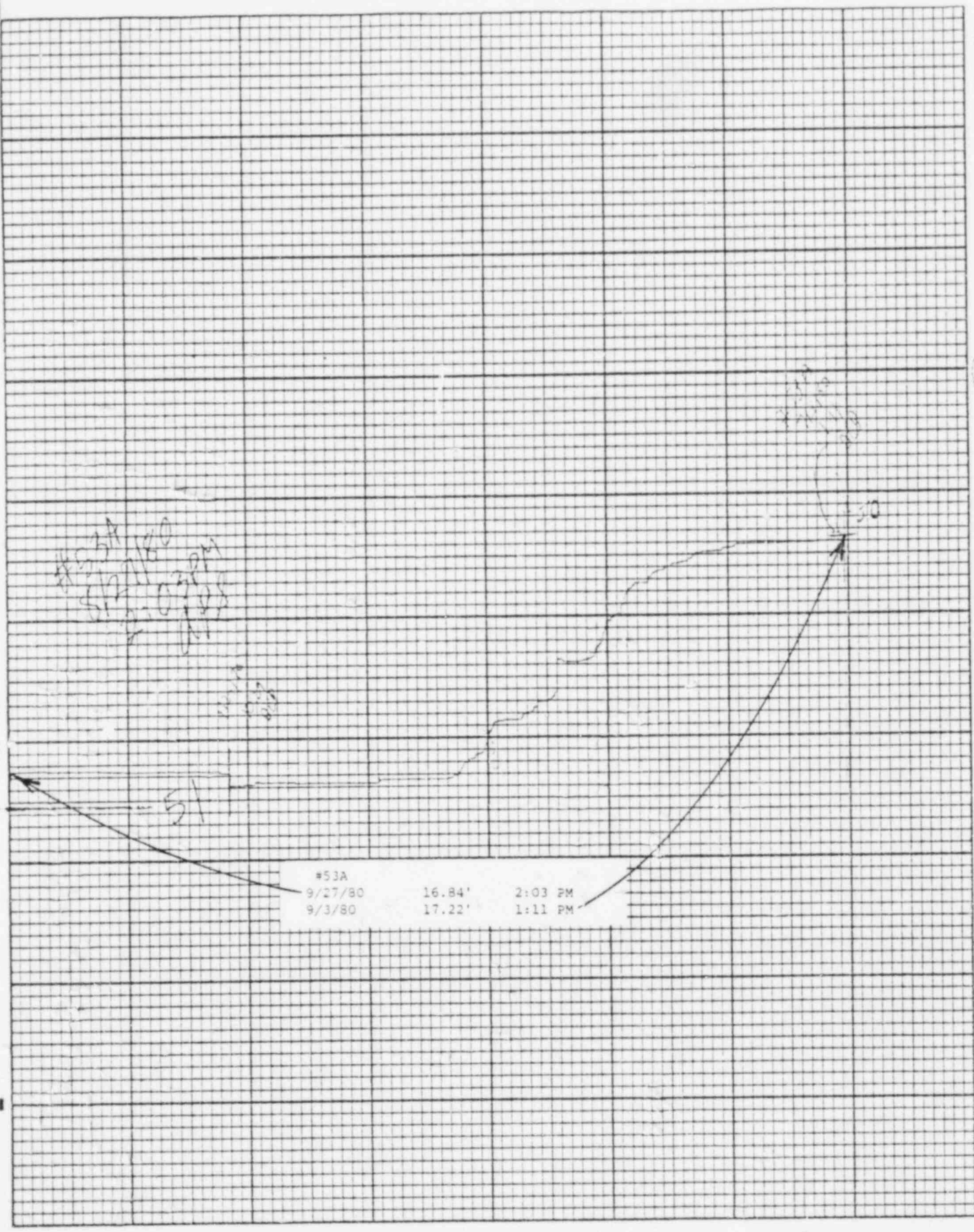
Stevens Water Level Recorder — Type F

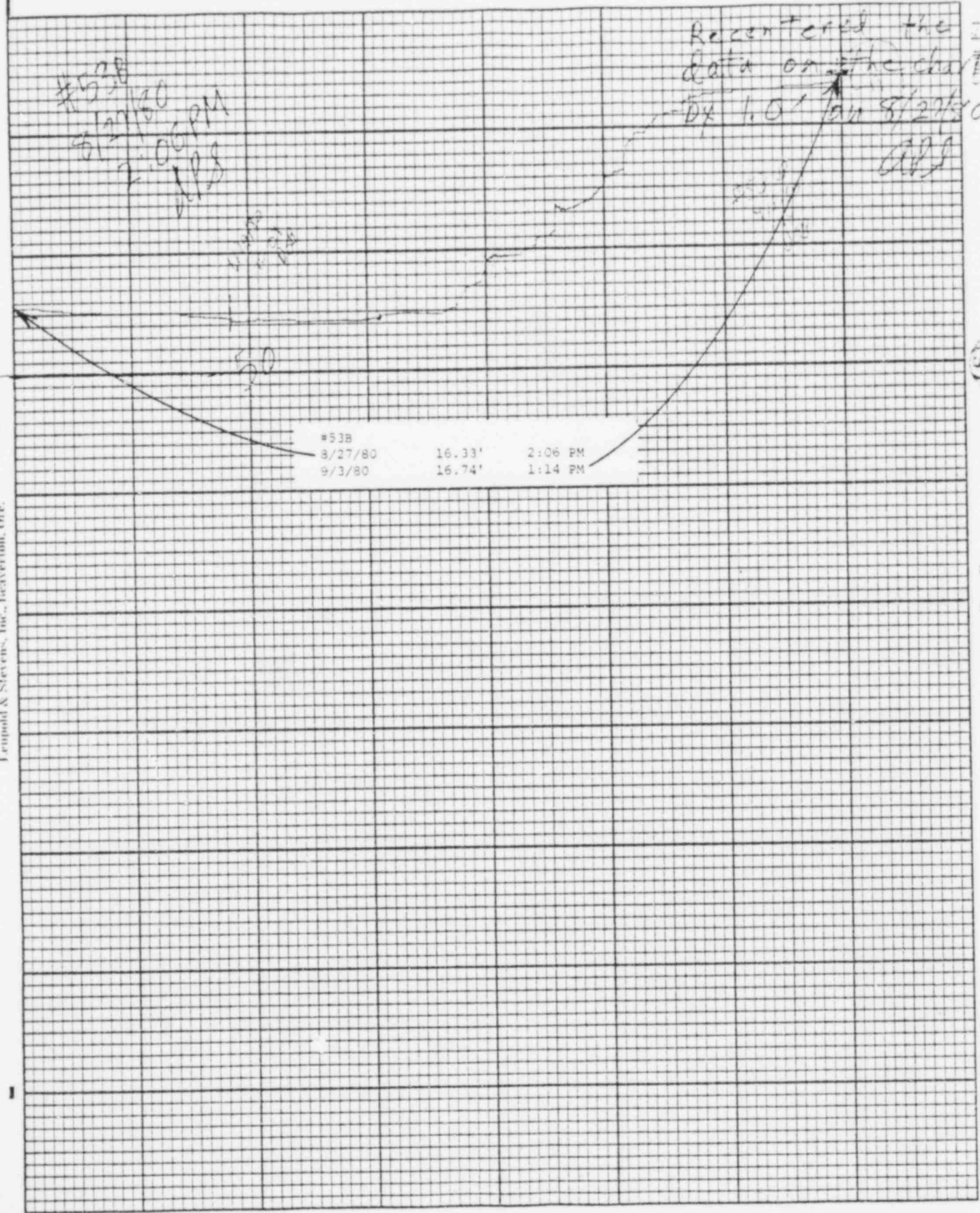


57

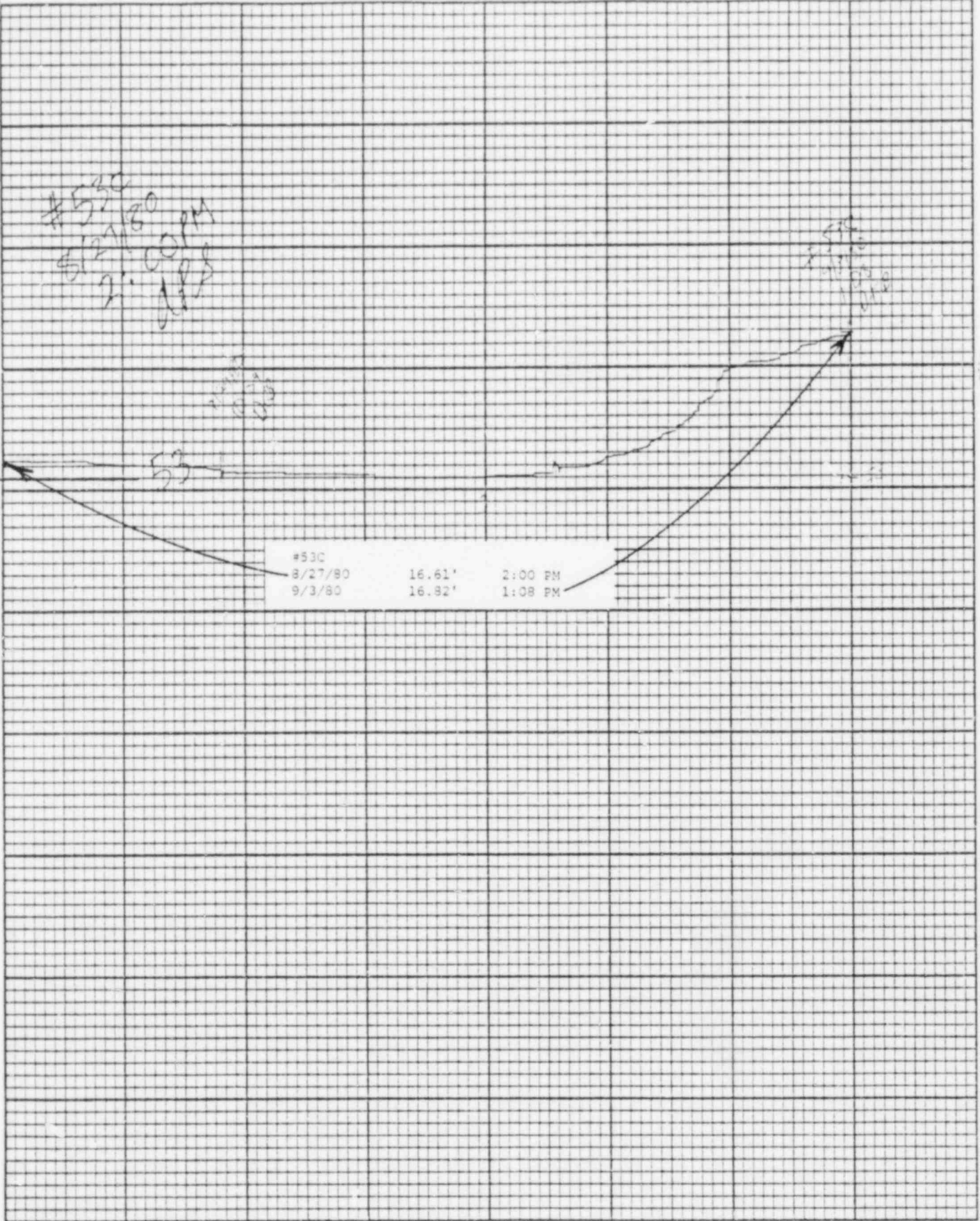
(S)

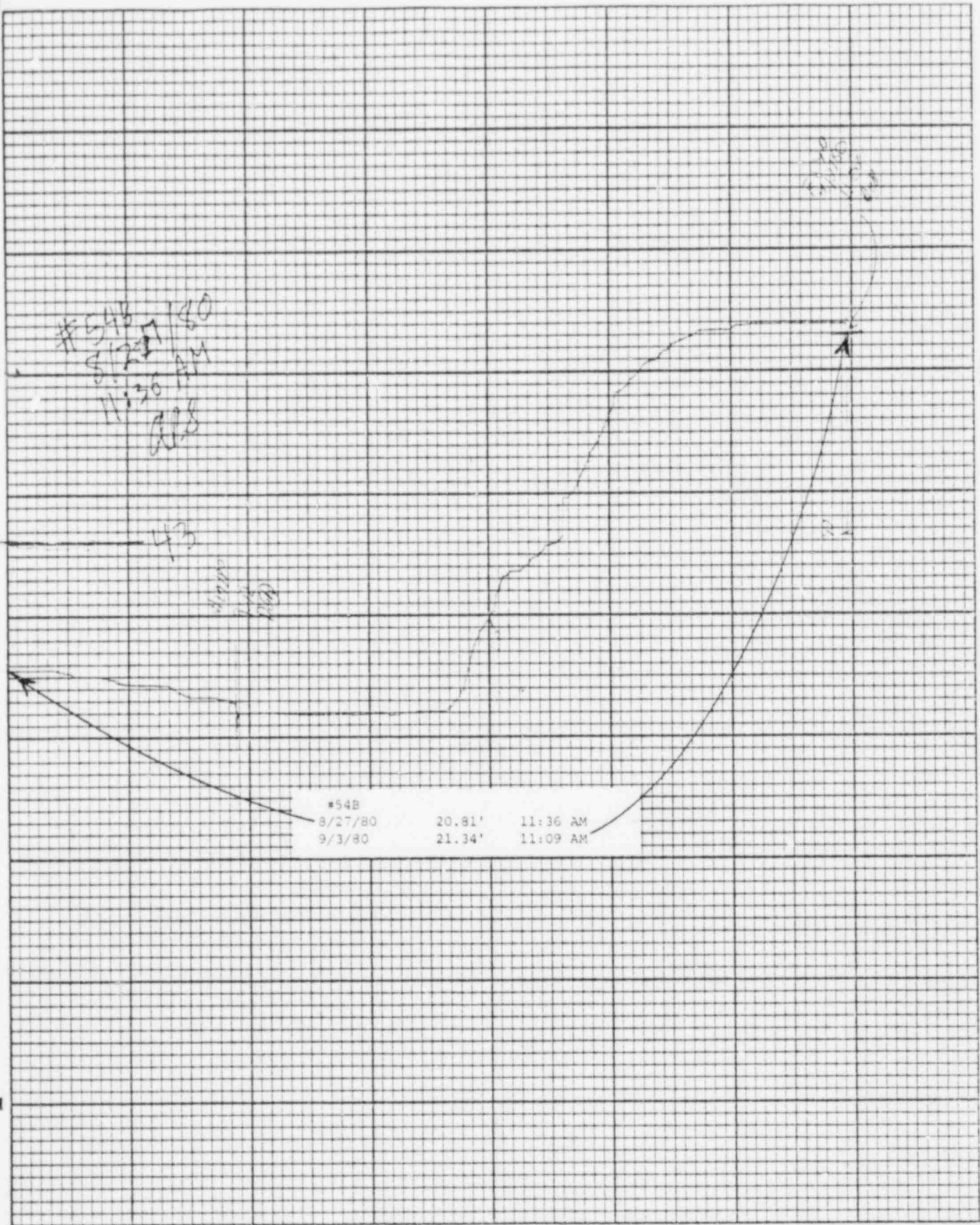






(S)





Reentered FA
data on the
chart for 1.0'
on 8/27/80.

APB

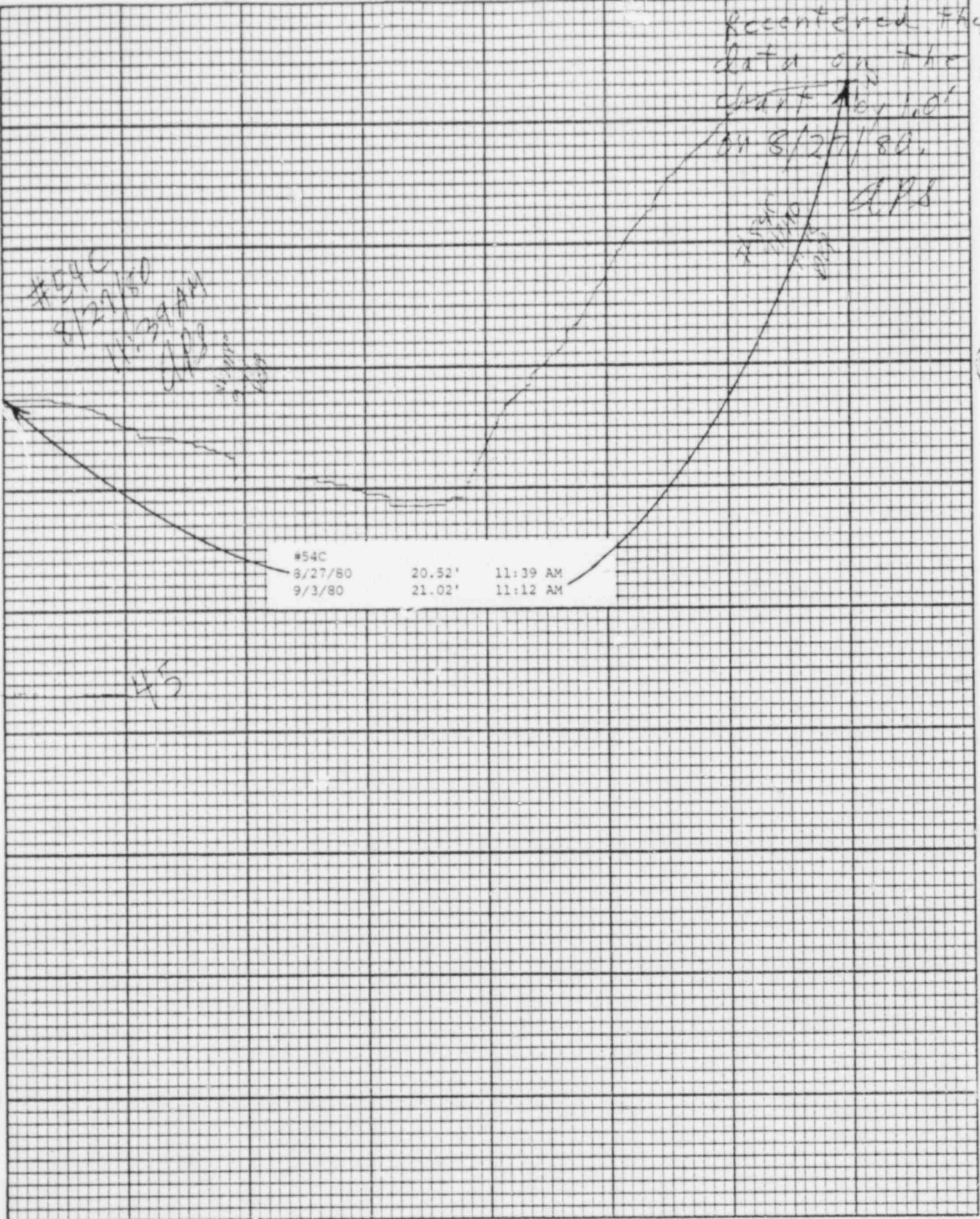
11:39 AM
11:12 AM

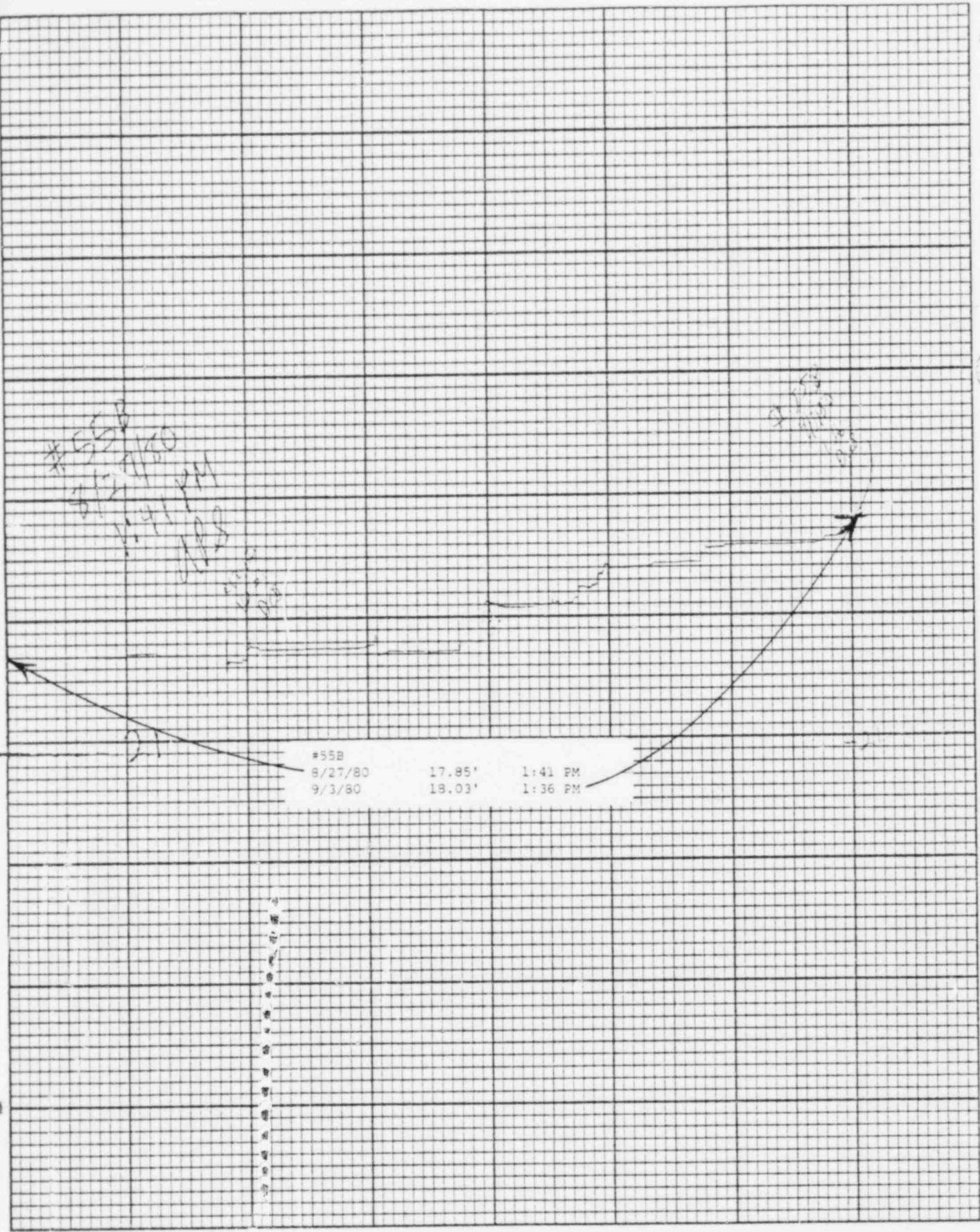
#54C
8/27/80
11:39 AM
11:12 AM

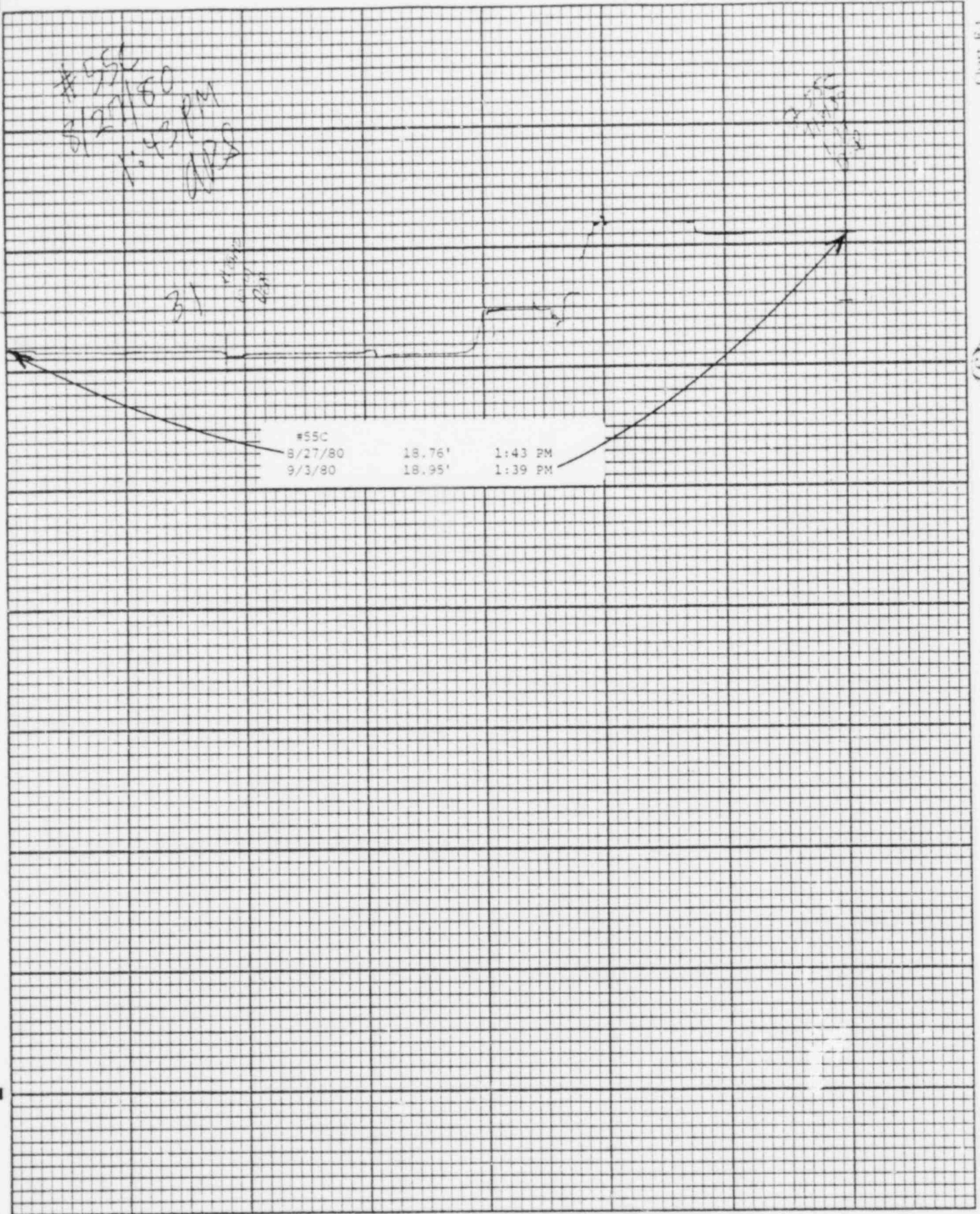
11:39 AM
11:12 AM

#54C		
8/27/80	20.52'	11:39 AM
9/3/80	21.02'	11:12 AM

45







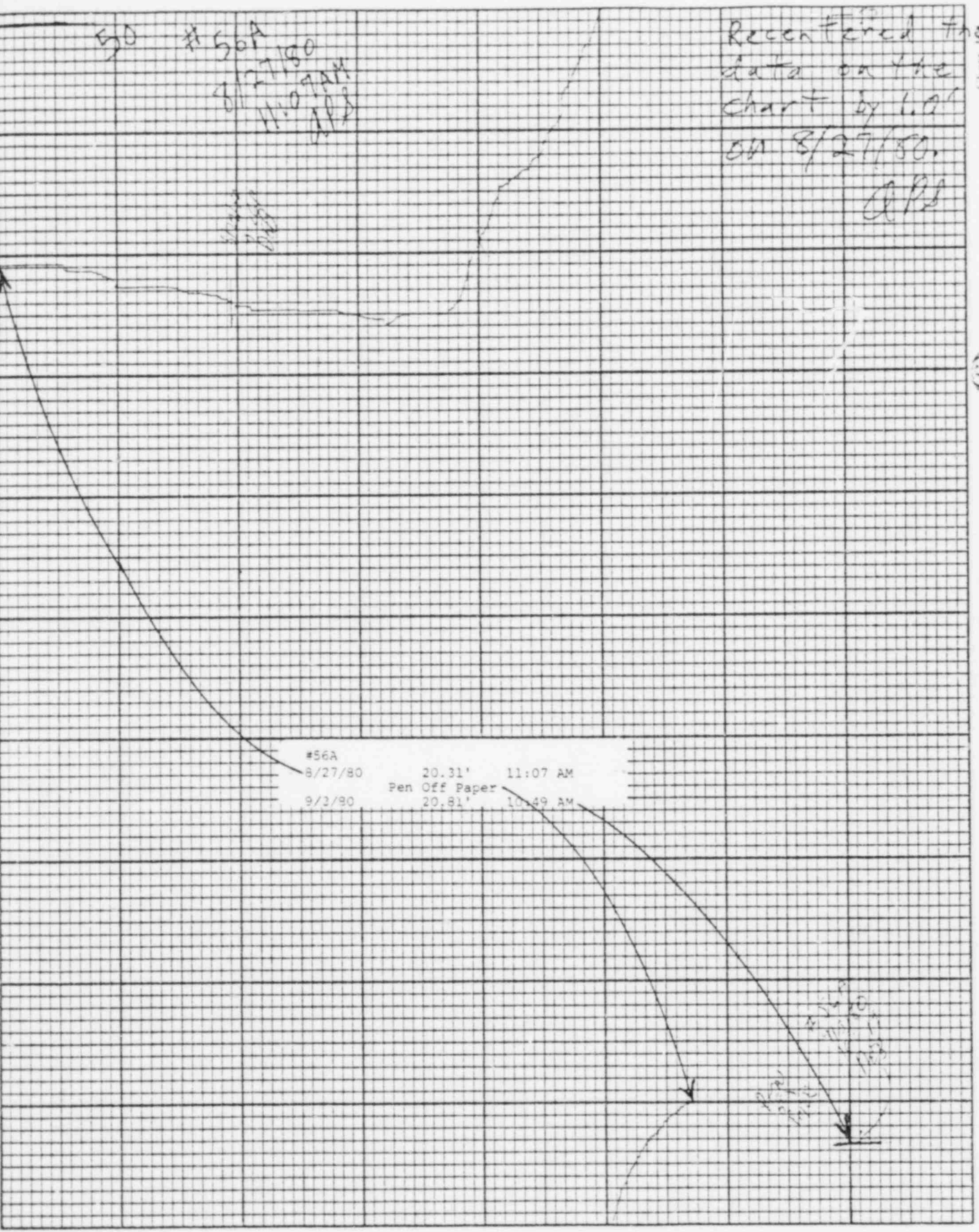
Recentered the data on the chart by L.O.P. on 8/27/80. APS

50 #56A
8/27/80
11:07 AM
APS

Water level

#56A	20.31'	11:07 AM
8/27/80	Pen Off Paper	
9/3/80	20.81'	10:49 AM

Water level
8/27/80
11:07 AM
10:49 AM
10:49 AM



(5)

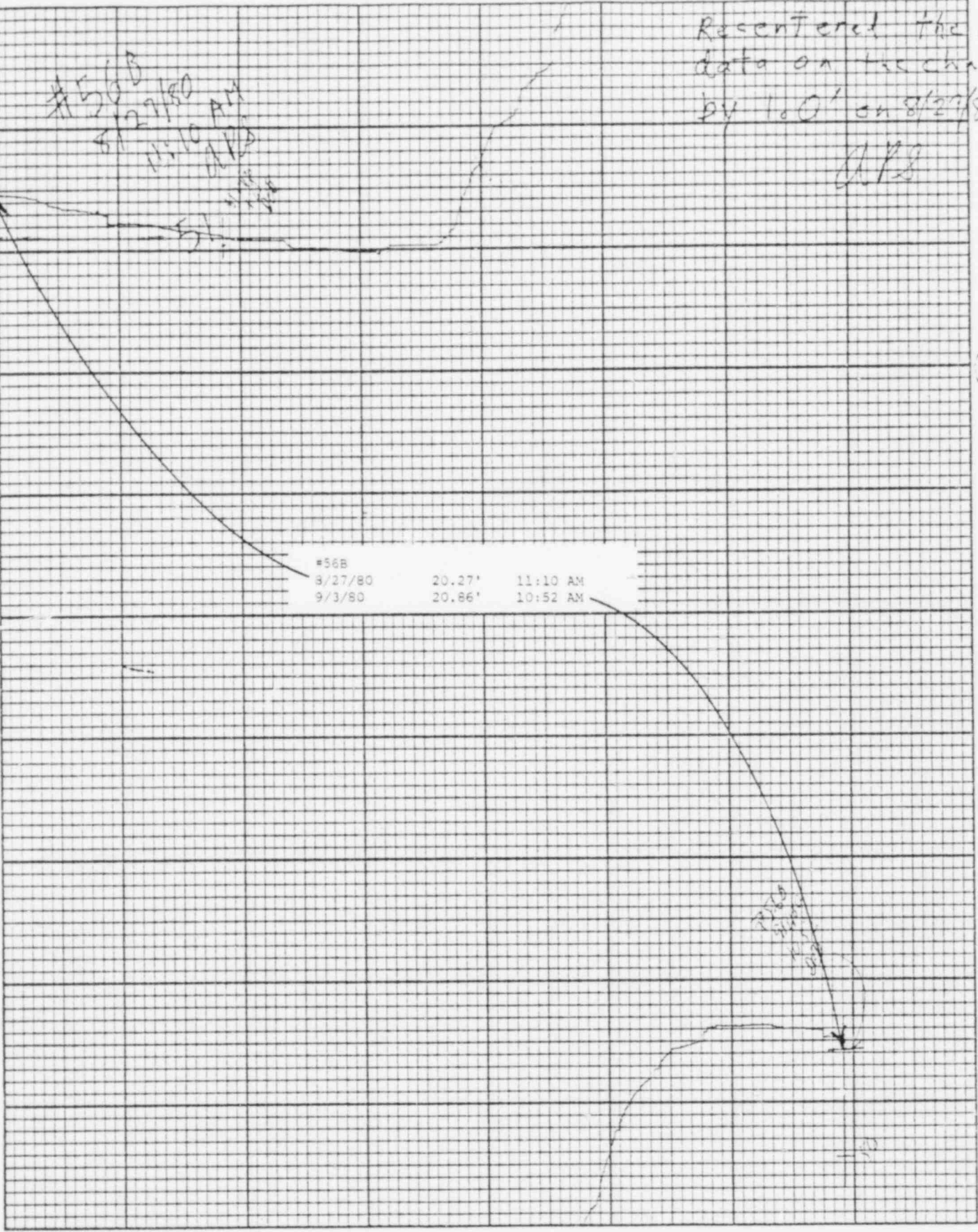
Recentered the data on the chart by 100' on 8/27/80

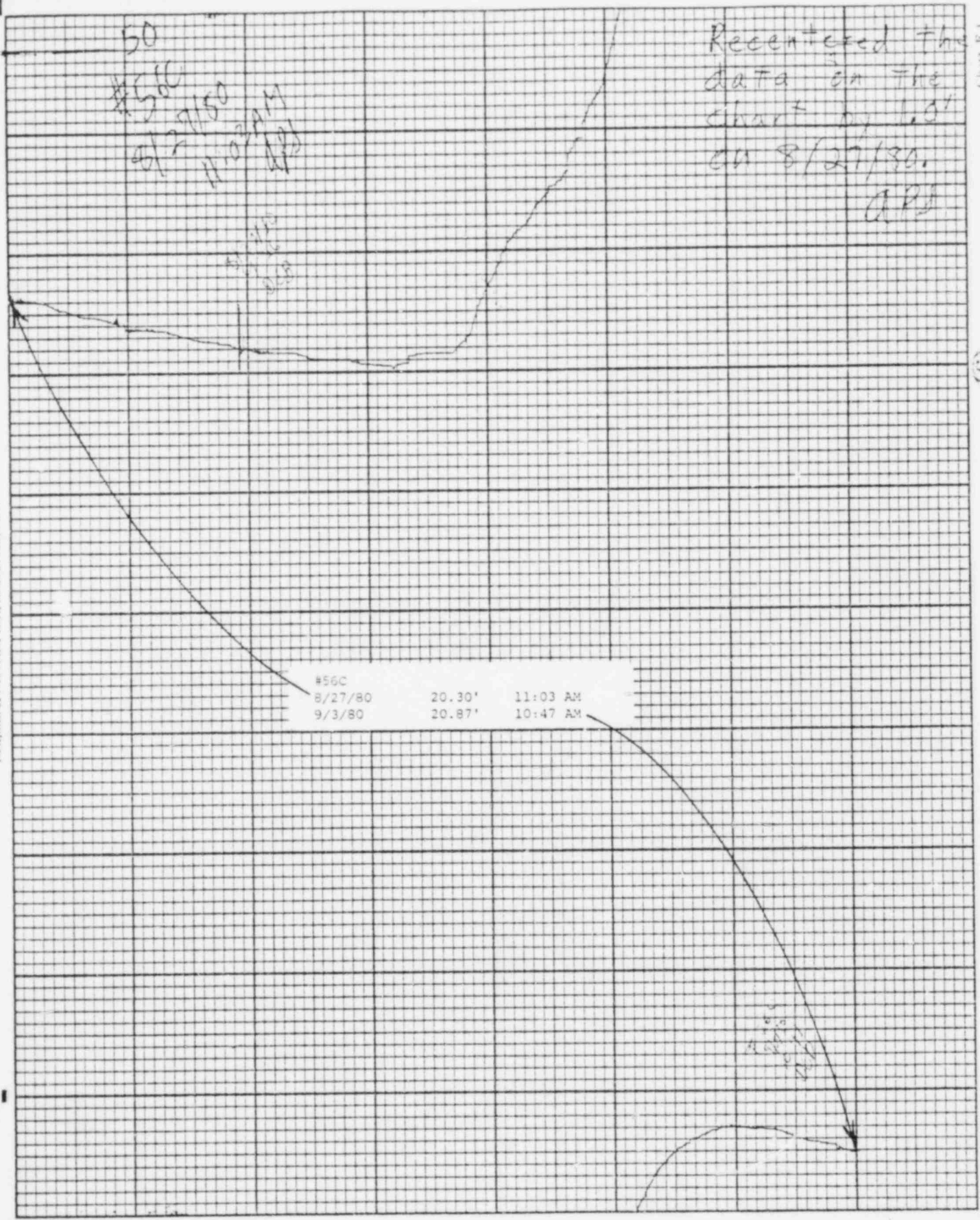
ALS

#56B
8/27/80
11:10 AM
ALS

#56B		
8/27/80	20.27'	11:10 AM
9/3/80	20.86'	10:52 AM

PTS
8/27/80
11:10 AM





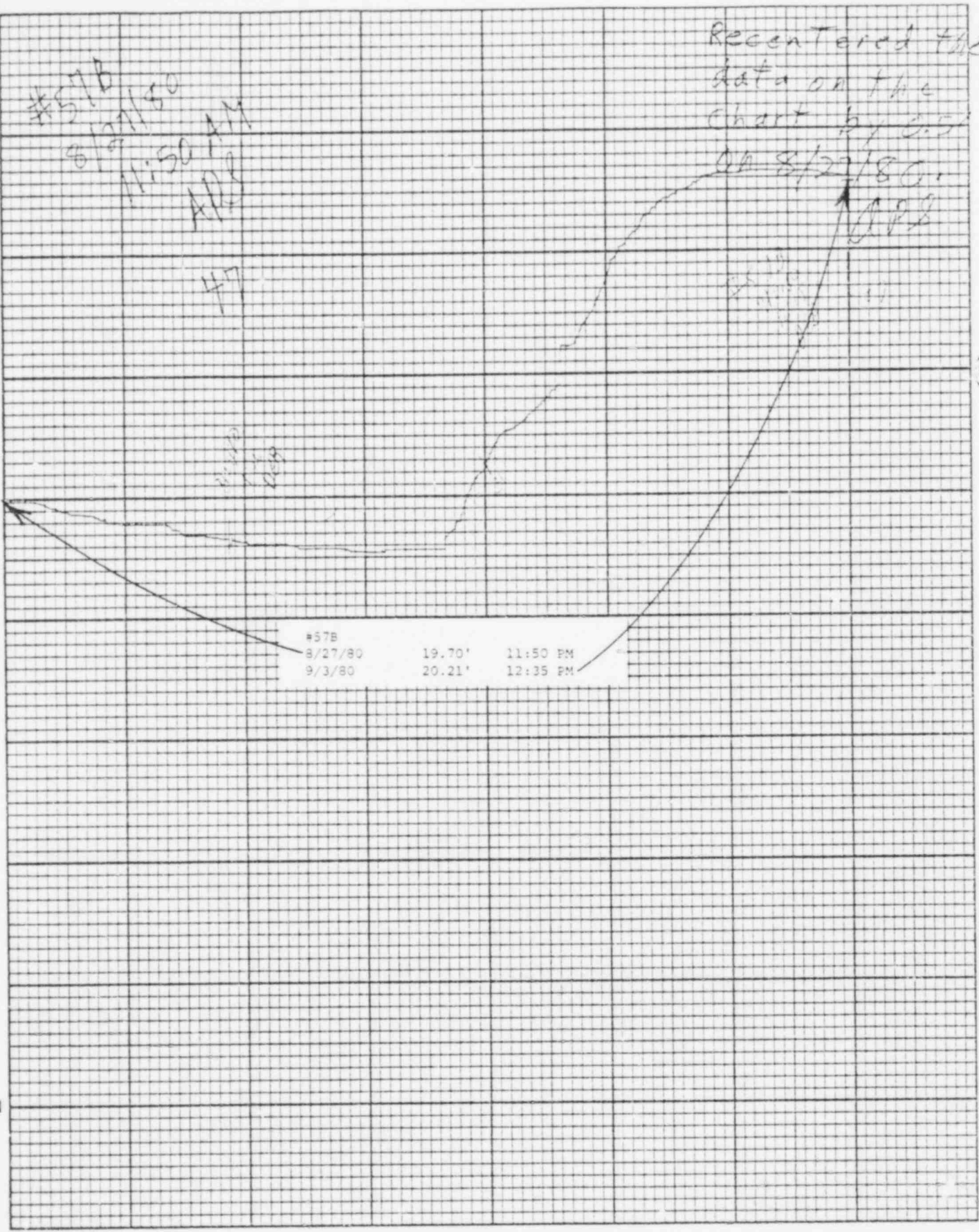
#57B
8/27/80
11:50 AM
APL

47

11:50 AM
APL

Recentered the
data on the
chart by 0.5
on 8/27/80.
APL

#57B		
8/27/80	19.70'	11:50 PM
9/3/80	20.21'	12:35 PM



#57C
8/27/80
11:53 AM
APB

APB
8/27/80

52

#57C	8/27/80	17.24'	11:53 AM
	9/3/80	17.63'	12:33 PM

APB
8/27/80

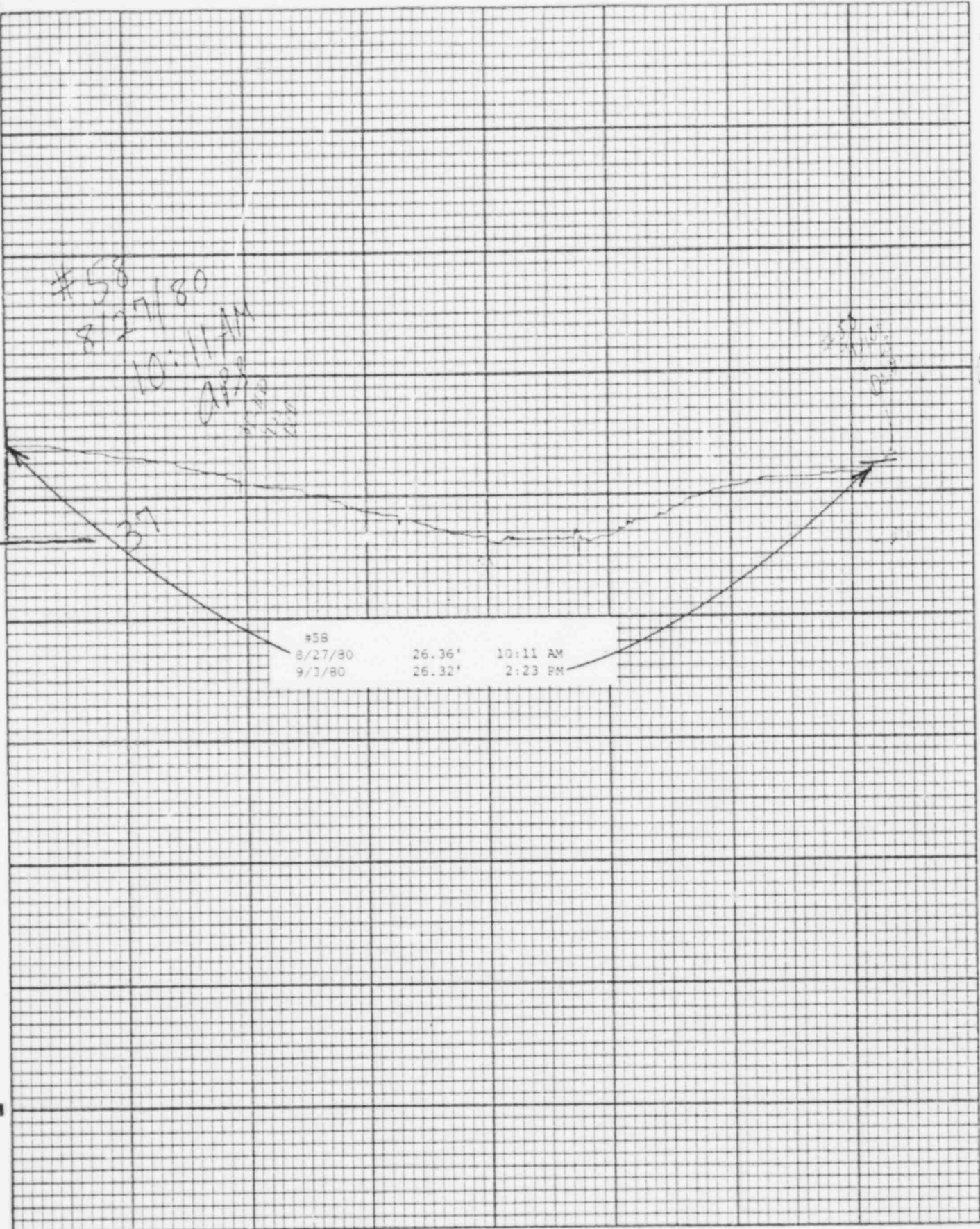
(S)

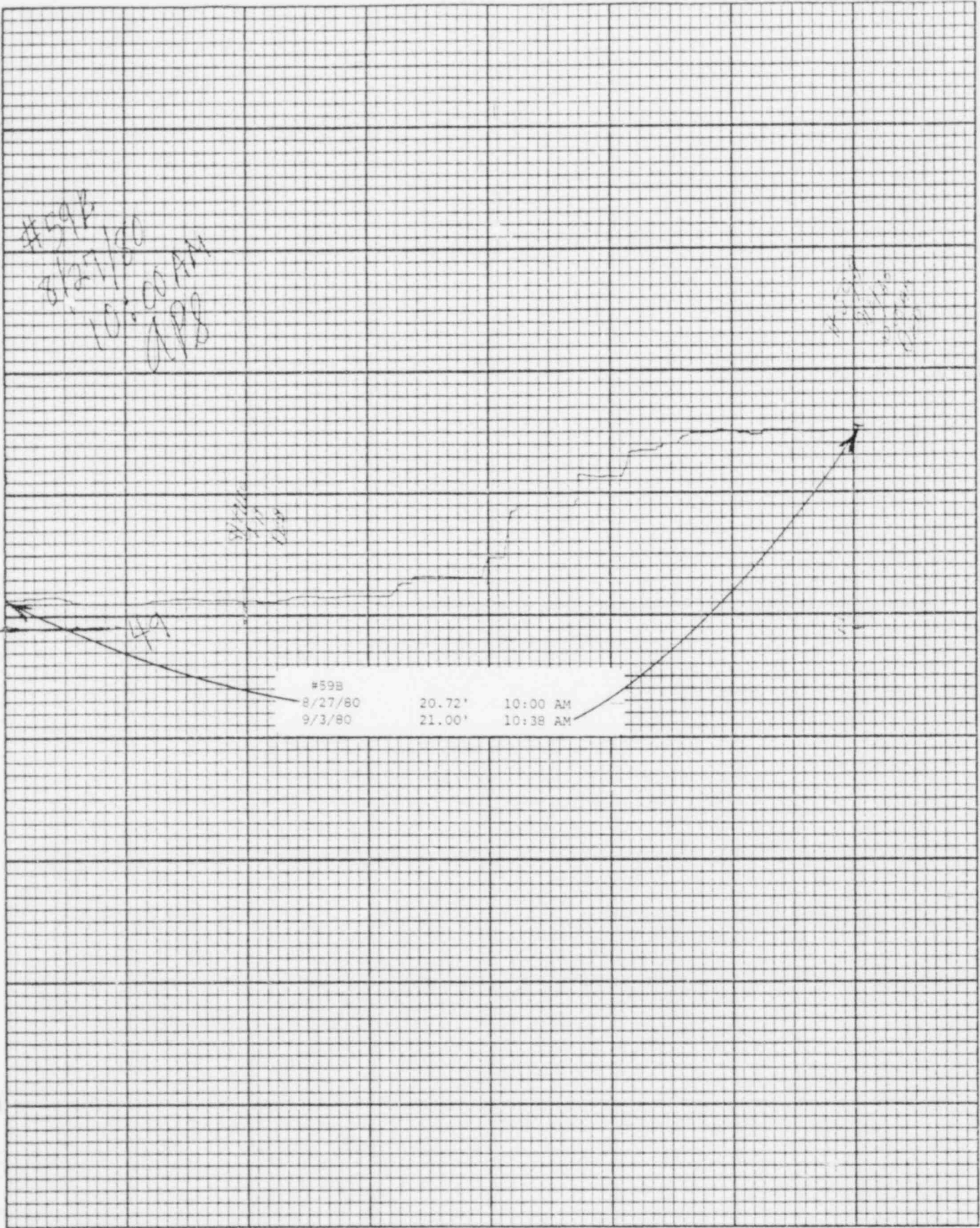
#58
 8/27/80
 10:11 AM
 26.36'

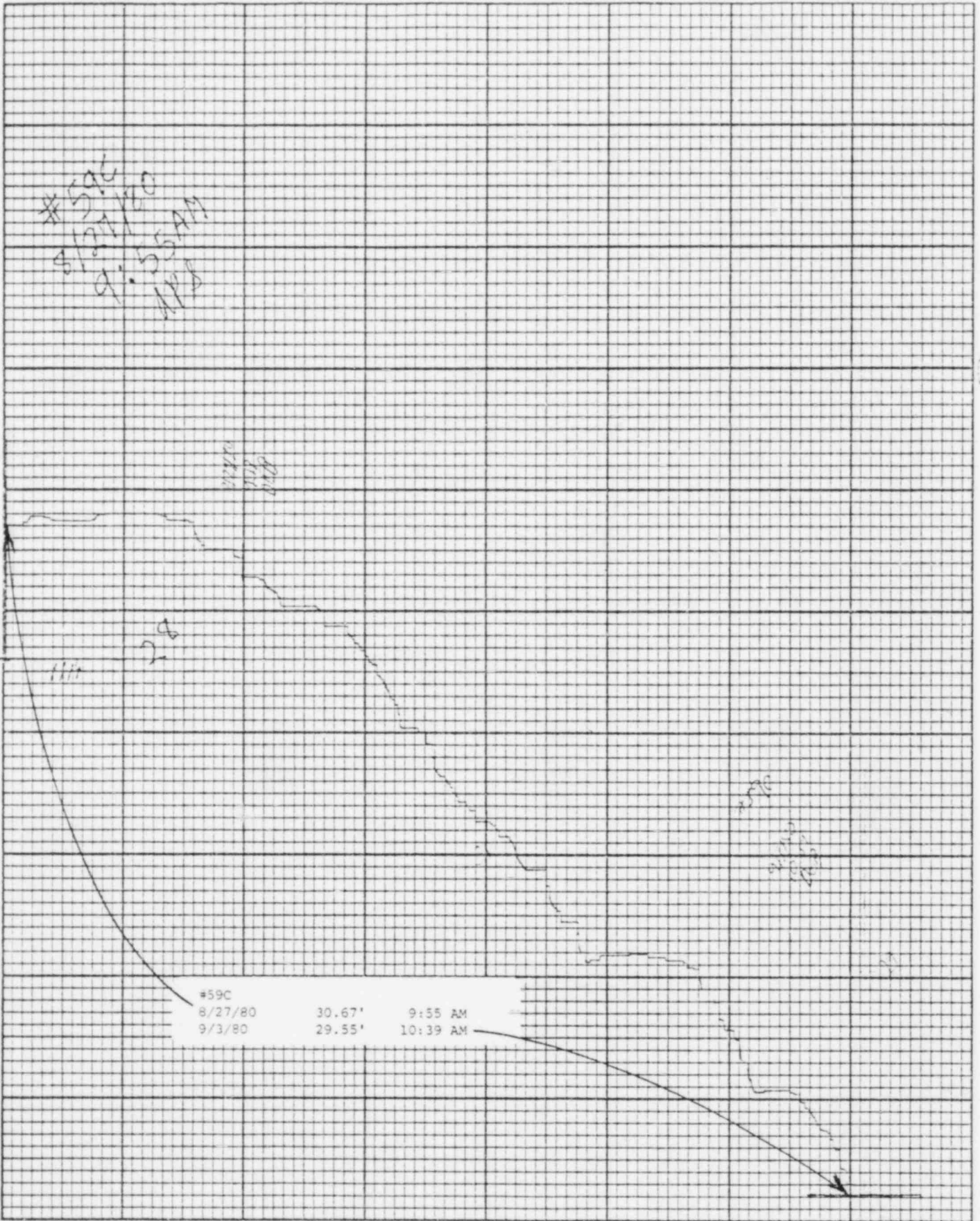
#58	8/27/80	26.36'	10:11 AM
	9/1/80	26.32'	2:23 PM

37

26.32'
 2:23 PM







BAILLY WELLS WITHOUT RECORDERS

9/3/80

<u>WELL #</u>	<u>WATER ELEVATION IN FEET</u>
62	28.58
65	25.40
67	19.74
72	11.52
73	12.11
74	15.23
APS-1	----*
APS-2	28.15

*Filled with sand

POND LEVELS

<u>POND</u>	<u>9/3/80</u>
1	Inaccessible
2	Inaccessible
3	23.97'
4	21.14'
5	Inaccessible
6	Inaccessible
7	Inaccessible
8	Inaccessible
9	28.50'
10	38.50'
11	Dry
12	Dry
13	Inaccessible

PNEUMATIC PRESSURE TRANSDUCERS

9/3/80

<u>TRANSDUCER</u>	<u>WATER ELEVATION IN FEET</u>
P-1	9.1
P-2	Out of Service
P-3	7.6
P-4	8.2
P-5	14.2
P-6	15.1

DBY:bd

WATER METER READINGS

<u>DATE</u>	<u>TIME</u>	<u>METER READING (GALLONS)</u>	<u>INSTANTANEOUS FLOW RATE (GPM).</u>
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Sump Pump Discharge

9/3/80	2:40 PM	367,663,000	208
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Well Point Discharge

9/3/80	2:40 PM	9,025,589	Not in Use
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USGS WELLS
(ELEVATION IN FEET ABOVE STATION DATUM)

9/3/80

<u>WELL</u>	<u>WATER LEVEL</u>
21	29.82
22	29.53
23	28.14
24	28.87
25	23.28
26	20.53
101	19.64
D-1A	22.25
D-2A	21.26
D-3A	28.01
G-1	31.12
G-2	25.78
G-3	25.30
G-4	26.31
G-5	Buried
G-6	30.67

RAINFALL FLINT LAKE PUMP STATION

(Rainfall in Inches)

May 1, 1980 - August 31, 1980

<u>MAY</u>		<u>JUNE</u>		<u>JULY</u>		<u>AUG.</u>	
<u>Date</u>		<u>Date</u>		<u>Date</u>		<u>Date</u>	
1	0	1	1.26	1	0	1	0
2	0	2	.22	2	0	2	.12
3	0	3	0	3	.12	3	T
4	0	4	0	4	0	4	0
5	0	5	0	5	.16	5	.07
6	0	6	.53	6	0	6	0
7	0	7	.01	7	0	7	.24
8	0	8	.08	8	0	8	0
9	0	9	.03	9	.43	9	.54
10	0	10	.05	10	.03	10	1.24
11	.05	11	0	11	0	11	.55
12	.03	12	0	12	0	12	0
13	.38	13	0	13	0	13	1.44
14	0	14	.01	14	0	14	0
15	T	15	.56	15	0	15	.94
16	0	16	0	16	0	16	.25
17	.40	17	0	17	0	17	.41
18	.92	18	0	18	0	18	T
19	T	19	.15	19	.22	19	1.57
20	0	20	0	20	0	20	.30
21	0	21	0	21	.56	21	0
22	0	22	0	22	.05	22	0
23	T	23	.05	23	0	23	0
24	.02	24	0	24	0	24	0
25	0	25	0	25	0	25	0
26	0	26	0	26	T	26	0
27	0	27	0	27	.45	27	0
28	0	28	0	28	.04	28	0
29	.59	29	0	29	0	29	0
30	T	30	0	30	.02	30	0
31	.03			31	.02	31	.96

LAKE MICHIGAN LEVELS

(Reference to Station Datum)

<u>DATE</u>	<u>FEET</u>
5/15/80	2.6
6/1/80	2.7
6/15/80	2.8
7/1/80	2.9
7/15/80	3.0
8/1/80	3.0