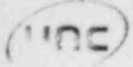


UNC TETON EXPLORATION DRILLING, INC.



UNC RESOURCES

July 9, 1980

Uranium Recovery Licensing Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

and

Land Quality Division
Department of Environmental Quality
401 West Nineteenth Street
Cheyenne, Wyoming 82001

RE: Source Material License SUA-1373
Docket Number 040-8778

and

Research and Development License 2RD

Subject: Quarterly Report

Gentlemen:

In accordance with the reference Licenses, Teton Nedco Joint Venture Partners herewith present the Second Quarterly Report for its pilot in-situ uranium mining operation in the Powder River Basin area of Wyoming. This Report covers the period from April 1, 1980 through June 30, 1980.

All available information indicates that there have been no leach solution excursions and that radiation levels associated with the operations are within safe ranges and below maximum allowable concentrations.

1. Operational Summary

1.1 Mining

Teton-Nedco is in the second quarter of its research and development phase of in-situ uranium mining. The operation is proceeding according to schedule with no discernable problems.

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THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

Hydrogen Peroxide injection was terminated to the "M" ore zone on April 14, to evaluate grade response to reduced oxidant concentrations. As expected, uranium recovery soon began a steady decline. Hydrogen Peroxide was re-initiated on April 22.

A series of tests to evaluate the grade response to operation of triangular three spot patterns in the "N" ore zone was conducted from May 15 through May 30. The uranium recovery grade was enhanced, however, further study of this type of mining pattern needs to be conducted.

A short duration soak test was conducted from May 4 through May 8 on the "N" ore zone. During this period, no fluid was injected or recovered from this zone. At the termination of this test, the uranium recovery grade was enhanced.

A short duration soak test was conducted on the "M" ore zone from June 8 through June 11. At this time, the uranium recovery grade increased then declined.

On June 1, 1980, the first phase of restoration was initiated on the N'ore zone. The purpose of this phase of restoration is to terminate the oxidation process, remove leached uranium and trace elements, and dilute existing ground water by bleeding in surrounding zone water. This phase of restoration was still continuing as of June 30, 1980.

1.2 Processing

In April, Teton-Nedco initiated downflowing of the Ion Exchange columns and recycling of the low pregnant solution to greatly enhance the efficiency of the elution cycle. During April, the Ion Exchange columns were eluted six times which resulted in the precipitation and drumming of approximately 2900 pounds of uranium oxide.

Three elutions were performed during the month of May, resulting in approximately 1500 pounds of uranium oxide that was precipitated and drummed.

In June, the Ion Exchange columns were eluted twice, which resulted in the precipitation and

drumming of approximately 1100 pounds of uranium oxide.

In early June, Teton-Nedco was approaching the on-site limit of uranium oxide as dictated by the referenced license. An agreement was consummated with the United Nuclear Corporation Mill at Churchrock, New Mexico for the purchase of our product. 34 drums containing approximately 4800 pounds of uranium oxide were shipped via Garrett Freightlines, Inc. to Churchrock, New Mexico, on June 6, 1980.

1.3 Wellfields

1.3.1 Wellfield Flow Balance

Flow balance within the N and M wellfields are listed on the following pages. Figure 1 shows the location of all wells within the R and D License area. The net wellfield flow balance for the period covered by this report is tabulated below:

	<u>N-Zone</u>	<u>M-Zone</u>
Injection (gallons)	4475189	4490986
Recovery (gallons)	4655357	4581013
Over-Recovery (gallons)	180168	90027
Over-Recovery (percent)	3.87%	1.97%

1.3.2 New Wellfield Patterns

The first wells of an additional five-spot pattern are being installed in the M and N wellfield areas. The drilling program began on May 19, 1980, and as of June 30, was still in progress.

1.4 Waste Generation Volumes

The total volume of liquid waste effluent discharged from the process plant to the evaporation ponds during the reporting period is tabulated below:

Date	Volume (gallons)
4-1 thru 4-25-80	72693
4-26 thru 5-25-80	107849
5-26 thru 6-30-80	122272

1.3.1 DAILY WELL FIELD FLOW

DATE	GALLONS PER DAY					
	M-1	M-B	M-Bleed	N-1	N-B	N-Bleed
1						
2						
3						
4						
5						
6						
7	52880	53850	970	49920	53020	3100
8						
9						
10						
11						
12						
13						
14	53020	53620	600	55380	56850	1470
15						
16						
17						
18						
19						
20						
21	53590	54090	500	54850	56210	1660
22						
23						
24						
25						
26						
27						
28	52710	53710	1000	53950	56420	2470
29						
30						
31						

1.3.1 DAILY WELL FIELD FLOW

DATE	GALLONS PER DAY					
	M-1	M-R	M-Bleed	N-1	N-R	N-Bleed
1						
2						
3						
4						
5	52990	54390	1410	Soak Test		
6						
7						
8						
9						
10						
11						
12	52590	54100	1520	54300	56470	2170
13					-	
14						
15						
16						
17						
18						
19						
20	51620	53130	1510	28150	29420	1270
21						
22						
23						
24						
25						
26						
27	53490	54550	1060	28930	30350	1420
28						
29						
30						
31						

1.3.1 DAILY WELL FIELD FLOW

DATE	GALLONS PER DAY					
	M-1	M-R	M-BLEED	N-1	N-R	N-BLEED
1						
2	33960	34770	810	62980	63040	2160
3						
4						
5						
6						
7						
8						
9	Soak Test			63540	61880	2310
10						
11						
12						
13						
14						
15						
16	42910	43710	900	62320	64570	2250
17						
18						
19						
20						
21						
22						
23	41240	42410	1170	53050	60770	2720
24						
25						
26						
27						
28						
29						
30	56100	37000	960	49540	51950	2410
31						

1.5 Solar Evaporation Pond Leak Detection System

As required by the referenced License, the standpipes of the pond leak detection system are being monitored for fluid every two weeks. These standpipes have shown nothing to indicate a leak in the liner of either solar evaporation pond.

The chemical constituents of fluid contained in the solar ponds are also monitored every two weeks. Table 1.5.2 and 1.5.3 list this monitoring data. Analyses for radionuclides normally requires six weeks to conduct. These values are reported to the regulatory authorities during the quarter that they are received from the laboratory.

2. Lixiviant Migration Control

Lixiviant migration is controlled by the use of a pressure gradient causing the lixiviant fluid to flow from areas of high fluid levels around the injection wells to an area of low fluid level at the recovery well. With reference to Table 1.3.1 Daily Wellfield Flow, it is evident that more fluid is recovered from the ore zone than is injected into the ore zone. The overrecovery is 3.37% for the N ore zone and 1.97% for the M ore zone. These overrecovery rates appear to alleviate any problems with lixiviant migration.

3. Monitor Well Water Analysis

Teton-Nedco monitor wells were sampled for the full suite of chemical parameters between May 13 and May 15, 1980. Due to the time involved in analyzing Radium-226, this information is not yet available for this sampling period. Radium-226 analyses for premining water quality are listed in Appendix A. The information from May 13 to May 15, 1980 sampling period is listed in Appendix B.

These wells are also sampled every two weeks for: Conductivity, Chloride, Sulfate, Uranium, Sodium and Alkalinity. The information from these samples are listed in Appendix C. No excursions of the leach solution occurred during this reporting period.

4. Hydrological Monitoring of Water Wells

The potentiometric levels of all monitor wells within the monitor well rings have been measured as required by the referenced Licenses. The results of the monitoring during this reporting period are listed in

Appendix D. Barometric pressures during the monitoring periods are listed in Appendix E. Net wellfield flow rates during the monitoring periods are listed in Table 1.3.1.

5. Radiation Safety

The radiological monitoring program is being performed as outlined in the Environmental Report and Stipulation 30 of the NRC License. Sampling points are those indicated in Figure III. 2.1.01 of the Environmental Report and the Research and Development License Application.

Beta and Gamma radiation was monitored once this quarter on April 2, 1980. The highest gross beta and gamma concentration was 0.480 mrem/hr near the N core zone cuno filters. The lowest concentration was 0.058 mrem/hr. at the base of the precipitation tank. The non-processing area had concentrations no higher than 0.041 mrem/hr. with an overall average concentration of 0.133 mrem/hr.

Alpha radiation was monitored monthly with an average in-plant concentration of 0.043 working levels. The concentrations ranged from a low of 0.0015 working levels at the base of Ion Exchange columns to a high of 0.35 working levels in the effluent sump.

Radon is also monitored monthly with average concentrations of 3.34 ± 0.101 pci/l. Concentrations ranged from a low of 0.75 ± 0.075 pci/l at the base of the chemical make-up tank to a high of 11.20 ± 0.116 pci/l at the base of the eluant make-up tank.

Thermoluminescence dosimetry badges have been issued to all personnel. These badges are analyzed on a quarterly basis. The results from the first quarterly analysis have shown that all plant personned have received radiation exposures well below maximum allowable concentrations.

Urine analysis for uranium concentrations in the plant personnel were conducted once per month. These results have also shown concentrations to be well below any level of concern.

The Radiation Safety Officer has written a radiation safety test to comply with stipulation 30 of the NRC License. All plant personnel have taken this test.

Those that had unacceptable results, discussed the test with the Radiation Safety Officer and then retook the test. The final results indicate that all plant personnel are reasonably knowledgeable about the potential hazards of radiation and the procedures for protection from these hazards.

Sincerely,

Steven N. Rieger

Steven N. Rieger
Environmental Coordinator
UNC TETON EXPLORATION DRILLING, INC.

SNR:pjw

1.5.2 NORTH SOLAR EVAPORATION POND
CHEMICAL CONSTITUENTS

Parameter	Date						
	4-8-80	4-15-80	5-2-80	5-11-80	5-17-80	6-30-80	10-10-80
Calcium (ppm)	38	9	19	21	24	118	21
Chloride (ppm)	236	310	2893	2827	2717	2319	2751
Alkinity (as ppm CaCO ₃)	85.6	101	120	122	127	110	110
Sodium (ppm)	176	155	1727	1725	1700	2175	2107
Sulfate (ppm)	85	180	215	215	218	213	212
Selenium (ppm)	.006	.032	.028	.017	.011	.032	5.000
Arsenic (ppm)	.007	.006	.003	.01	.010	.014	0.015
Total Dissolved Solids (ppm)	610	3340	3302	3215	3320	3218	5568
Radium (pci/l)	111 ± 4.0	122 ± 7					
Gross Alpha	7.2 ± 6.0						
Gross Beta	203 ± 24						

1.5.2 NORTH SOLAR EVAPORATION POND

CHEMICAL CONSTITUENTS

	Date						
Parameter							
Calcium (ppm)	48						
Chloride (ppm)							
Alkinity (as ppm CaCO ₃)							
Sodium (ppm)	2370						
Sulfate (ppm)							
Selenium (ppm)	0.108						
Arsenic (ppm)	4.17						
Total Dissolved Solids (ppm)							
Radium (pci/l)							
Gross Alpha							
Gross Beta							

1.5.3 SOUTH SOLAR EVAPORATION POND
CHEMICAL CONSTITUENTS

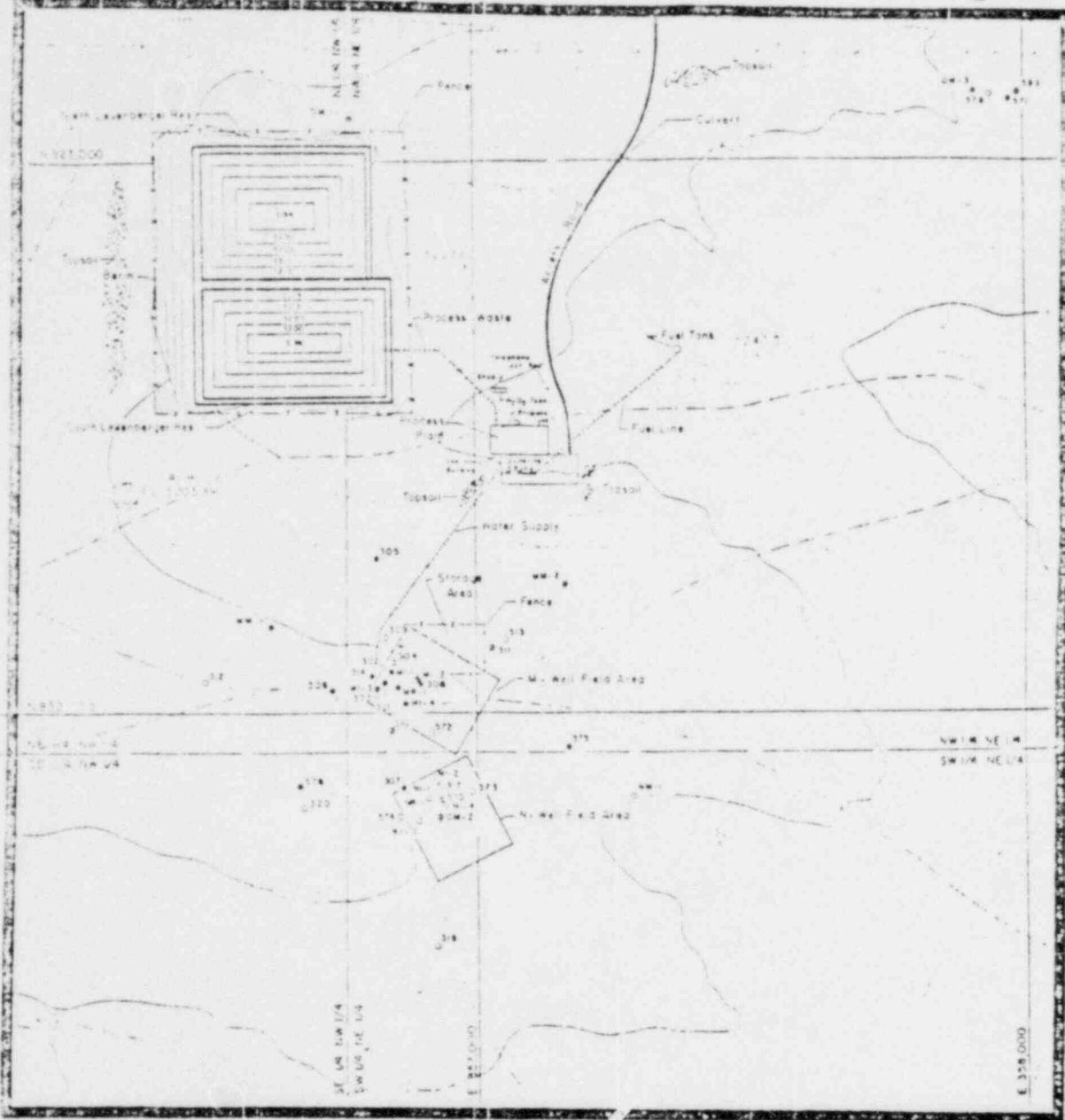
Parameter	Date						
	3-6-80	3-20-80	4-3-80	4-15-80	5-2-80	5-16-80	5-19-80
Calcium (ppm)			7	4	6	4	4
Chloride (ppm)			241	200	180	312	400
Alkinity (as ppm CaCO ₃)			772	600	1565	1290	1170
Sodium (ppm)			134	273	1000	300	300
Sulfate (ppm)			156	148	125	125	111
Selenium (ppm)			.003	.003	.004	.005	.005
Arsenic (ppm)			.007	.006	.003	.005	.005
Total Dissolved Solids (ppm)			2410	2357	2610	2123	2584
Radium (pci/l)	1023 ± 26	725 ± 172	6.54 ± 0.82	13.8 ± 3.7			
Gross Alpha			200 ± 139				
Gross Beta			4.79 ± .71				

Footnote: The sample collected on 3/6/80 was collected directly from the effluent discharge pipe. All other samples were collected from the solar evaporation pond.

1.5.3 SOUTH SOLAR EVAPORATION POND
 CHEMICAL CONSTITUENTS

Parameter	Date						
	5-30-80	6-10-80	6-23-80				
Calcium (ppm)	4.5	4	2.7				
Chloride (ppm)	100						
Alkinity (as ppm CaCO ₃)	1000	1000					
Sodium (ppm)	870	700					
Sulfate (ppm)	20	10	30				
Selenium (ppm)	0.005	40.005					
Arsenic (ppm)	0.005	40.005					
Total Dissolved Solids (ppm)	5.33	23.3	5.7				
Radium (pci/l)							
Gross Alpha							
Gross Beta							

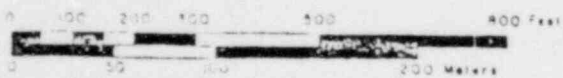
Figure 1. Site Facility Layout



T34N, R74W
Within Section 14

Research & Development
License Area Boundary

Contour Intervals = 5'



• THE COORDINATES USED ARE AFTER
THE ARMY'S 1943 COORDINATE SYSTEM

•• ALL DRILL HOLE NUMBERS ARE
PRECEDED BY A TNS-L INDEX NUMBER

LEGEND

- ⊕ Upper Idaho Aquifer Well
- ⊙ Lower Idaho Aquifer Well
- ⊖ Confining Layer Below Lower Idaho Aquifer Well
- N Aquifer Well
- ⊕ M Aquifer Well
- Basal Aquifer Well
- ⊗ Abandoned Well Sealed With Cement
- Pipe Line With Use Noted

APPENDIX A

Premining Water Analysis
Radium Concentrations

Radium Concentration

Well	Date	Ra- 226 (Pci/L)
307	1-30-80	3.84
572	1-30-80	4.48
578	1-30-80	7.78
582	1-30-80	18.83
OM3	1-30-80	1.64
320	1-30-80	20.00
NM1	1-30-80	1.87
MM1	1-30-80	7.66
319	1-30-80	1045.58
305	1-30-80	3.48
578	1-30-80	37.94
302	1-30-80	7.39
576	1-30-80	8.02
304	1-30-80	0.99
MM2	1-30-80	7.29
MR1	1-30-80	633.02
NR1	1-30-80	219.17
313	1-30-80	6.12
575	1-30-80	2.56
570	1-30-80	7.76
314	1-30-80	5.54
309	1-30-80	11.65
583	1-30-80	2.29
OM2	1-30-80	1.45
583	1-30-80	13.87

APPENDIX B

Teton Nedco Monitor Wells
Quarter Analysis

WATER QUALITY DATA

Laboratory						
Job I.D. #	575	576	M-M-1	M-M-2	314	N-M-1
Date Sampled	5-13-80	5-13-80	5-13-80	5-13-80	5-13-80	5-13-80
Date Analyzed	5-14-80	5-14-80	5-14-80	5-14-80	5-14-80	5-14-80
pH (Units)	7.82	7.89	7.66	8.43	7.79	7.55
Temperature (°C)						
Conductivity (umhos/cm)	425	430	420	345	560	590
Ammonia (NH ₃ as N)	0.24	<0.10	0.48	0.19	0.23	0.66
Total NO ₂ /NO ₃ (as N)	<0.10	0.13	20.10	<0.10	0.11	<0.10
Bicarbonate (HCO ₃)	320	327	320	180	351	198
Carbonate (CO ₃)	0	0	0	10	0	0
Calcium (Ca)	62	67	63	45	61	96
Chloride (Cl)	7	6	6	2	6	1.5
Fluoride (F)	<0.05	<0.05	<0.05	<0.05	0.08	<0.05
Iron (Fe)	0.46	0.50	0.50	0.48	0.42	0.46
Magnesium (Mg)	17	14	14	11	24.3	2.0
Potassium (K)	10.8	8.8	9.0	12.5	7.5	11.0
Sodium (Na)	36	36	35	41	55	47
Sulfate (SO ₄)	122	111	102	255	170	275
Aluminum (Al)	0.05	0.08	0.45	0.05	0.05	0.12
Arsenic (As)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Barium (Ba)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Cadmium (Cd)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium (Cr)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper (Cu)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iron (Fe)	0.16	0.08	0.79	0.13	0.31	0.40
Lead (Pb)	<0.05	<0.05	<0.05	0.05	<0.05	0.05
Manganese (Mn)	<0.05	<0.05	<0.05	<0.05	0.11	<0.05
Mercury (Hg)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum (Mo)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (Ni)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Radium 226 (Ra) pCi/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Selenium (Se)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 230 (Th) pCi/l						
Uranium (U)						
Vanadium (V)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Zinc (Zn)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TDS	322	345	332	279	450	540
meq/l cations						
meq/l anions						
Charge balance (unitless)						

WATER QUALITY DATA

Job I.D. #	304	305	309	313	319	320	370
Date Sampled	5/15/81	5/18/81	5/18/81	5/18/81	5/18/81	5/18/81	5/18/81
Date Analyzed	5/14/81	5/18/81	5/18/81	5/14/81	5/18/81	5/14/81	5/14/81
pH (Units)	7.43	6.70	6.60	7.53	7.28	7.35	7.47
Temperature (°C)							
Conductivity (umhos/cm)	713	423	390	600	600	575	615
Ammonia (NH ₃ as N)	0.31	<0.10	0.25	0.12	<0.10	<0.10	<0.10
Total NO ₂ /NO ₃ (as N)	0.25	<0.10	0.12	<0.10	<0.10	<0.10	0.87
Bicarbonate (HCO ₃)	140	87	77	135	135	100	204
Carbonate (CO ₃)	±	±	±	±	±	±	±
Calcium (Ca)	140	60	36	100	85	90	111
Chloride (Cl)	3	4	0	5	1	2	5
Fluoride (F)	0.15	0.06	0.07	<0.05	0.08	0.06	0.09
Bromide (Br)	6.14	50	0.42	0.46	0.43	0.42	0.61
Magnesium (Mg)	26	16	6	22	28.7	23	25
Potassium (K)	11.5	8	17.8	11.0	11	11	11
Sodium (Na)	42	35	60	49	36	49	39
Sulfate (SO ₄)	31	255	197	225	255	241	237
Aluminum (Al)	0.10	<0.05	0.15	<0.05	0.10	<0.05	<0.05
Arsenic (As)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Barium (Ba)	<0.05	<0.005	<0.05	<0.05	<0.05	<0.05	<0.05
Cadmium (Cd)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium (Cr)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Copper (Cu)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Iron (Fe)	0.03	0.31	0.16	0.40	0.56	0.45	<0.05
Lead (Pb)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Manganese (Mn)	<0.05	<0.05	<0.05	0.07	<0.05	0.07	<0.05
Mercury (Hg)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum (Mo)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (Ni)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Radium 226 (Ra) pCi/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Selenium (Se)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Thorium 230 (Th) pCi/l							
Uranium (U)							
Vanadium (V)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Zinc (Zn)	<0.05	<0.05	0.08	0.10	0.09	<0.05	<0.05
TDS	734	334	347	543	544	537	580
meq/l cations							
meq/l anions							
Charge balance (unitless)							

APPENDIX C

Teton Nedco Monitor Wells
Biweekly Analysis

WATER SAMPLES
QUARTERLY REPORT
WELL NAME 304
(Idaho)

Well	1137	106	502	1	57	221
Date	Conductivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	325	0.4	472	4.2	35	210
4-1-80	* 790					
	965	2.4	328	4.1	30	194
4-18-80						
	220	3.0	344	4.1	37	203
4-27-80						
	745	3.0	376	4.1	43	198
5-13-80						
	730	3	358	5.1	33	208
6-2-80						

* field info

WATER SAMPLES
 QUARTERLY REPORT
 WELL NAME 313
 (N)

<u>UCL</u>	<u>265</u>	<u>0</u>	<u>307</u>		<u>48</u>	<u>201</u> 182.2
Date	Conductivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	665	4.0	375	4.2	35	166
4-1-80	* 620					
	640	3.0	260	4.1	36	168
4-15-80						
	610	2	287	4.1	30	162
4-29-80						
	600	5	298	4.1	40	160
6-3-80						
	610	5	300	4.1	32.5	160
		5	284	4.1	32.5	160

* Field info

WATER SAMPLES
QUARTERLY REPORT

WELL NAME 320
(N)

Well	899	15	271	52	225	
Date	Conduc'tivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	625	2.4	300	4.2	36	164
4-1-80	* 600					
	575	2.4	227	4.1	36	160
4-15-80						
	575	2.0	247	4.1	36	164
4-29-80						
	575	2.0	247	4.1	36	162
5-13-80						
	575	2.0	247	4.1	36	164

* field info

WATER SAMPLES
 QUARTERLY REPORT
 WELL NAME N-M-1
 (N)

UCL

Date	Conductivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	635	.4	310	4.2	40	164
4-1-80	* 610					
	595	4.8	127	4.1	35	144
1-15-80						
	610	2	212		37	141
	575	1.8	198	4.1		142
1-2-80						
	575	2	202	4.1	38.5	142
1-2-80						
	600	3	250	4.1	37.1	140
1-2-80						

* field info

WATER SAMPLES
 QUARTERLY REPORT
 WELL NAME 305
 (M)

ULL	136	32	344	51	496	
Date	Conductivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	455	4.0	95	4.2	26	196
4-3-80	* 440					
	420	4.4	103	4.1	21	198
4-15-80						
	430	4	112	4.1	21	182
4-20-80						
	425	4	97	4.1	23	178
5-13-80						
	412	5	101	4.1	25	181
					22	20

* Field info

WATER SAMPLES
 QUARTERLY REPORT
 WELL NAME 575
 (M)

UCL	962	24	327		46	209
Date	Conductivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	455	6.0	100	4.2	28	176
4-1-80	* 432					
	435	6.0	104	4.1	27	180
4-15-80						
	421	6.0	111	4.1	30	186
4-15-80						
	425	7.0	122	4.1	30	180
4-13-80						
	422	7.0	122	4.1	30	180
4-13-80						
	422	7.0	122	4.1	30	180
4-13-80						

* field info

WATER SAMPLES
 QUARTERLY REPORT
 WELL NAME 576
 (M)

Date	Conductivity umhos/cm	19 Cl ⁻ (ppm)	153 SO ₄ ⁼ (ppm)	U U (ppm)	37 Na ⁺ (ppm)	231 Alkalinity (as ppm CaCO ₃)
	485	8.0	110	4.2	28	190
4-1-80	* 410					
	425	3.2	90	4.1	28	170
	430	4.0	99	4.1	29	180
	430	6.0	111	4.1	30	186
5-13-80		5	103	4.1	30	180

* field info

WATER SAMPLES
 QUARTERLY REPORT
 WELL NAME M.M.1

UCL	727	10.0	140		28	250
Date	Conductivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	460	5.2	105	4.2	26	200
4-3-80	* 425					
	425	4.0	104	4.1	29	180
4-15-80						
	422	3.0	102	4.1	26	182
4-30-80						
	420	6.0	102	4.1	33	182
5-13-80						
	417	5.0	102	4.1	33	184
	425	5.0	102	4.1	33	184

* field info

WATER SAMPLES
 QUARTERLY REPORT
 WELL NAME M-M-2
 (M)

Date	Conductivity umhos/cm	Cl ⁻ (ppm)	SO ₄ ⁼ (ppm)	U (ppm)	Na ⁺ (ppm)	Alkalinity (as ppm CaCO ₃)
	390	4.0	70	4.2	29	152
4-1-80	* 353					
	388	4.0	75	4.1	28	132
4-6-80						
	370	5.0	80	4.1	27	147
4-23-80						
	345	2.0	70	4.1	-	132
5-3-80						
	355	5	70	4.1	28	142
5-20-80						
	370	5	70	4.1	28	142
6-1-80						

* field info

APPENDIX D

Teton Nedco Monitor Wells
Weekly Water Levels

WELL 304

Elev. of MP 5201.00

Aquifer Represented Idaho

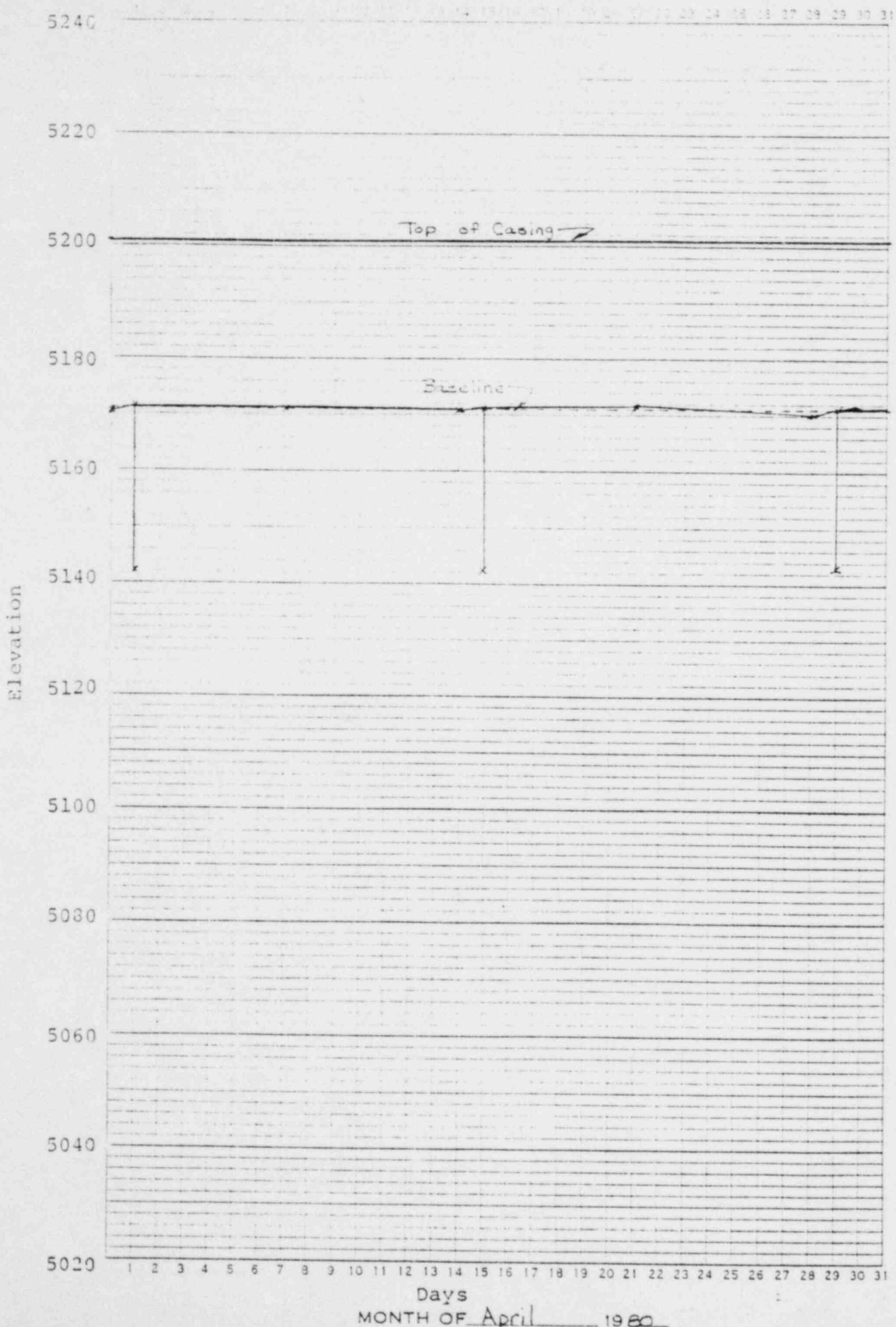
Baseline 5170.78

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	15:05	29.50	5171.50
① 4-1-80	15:35	58.88	5142.12
4-7-80	14:00	29.97	5171.03
4-14-80	14:20	29.27	5171.18
4-15-80	13:17	29.67	5171.33
② 4-15-80	13:45	58.63	5142.37
4-21-80	14:00	29.90	5171.10
4-29-80	14:00	58.07	5170.93
4-29-80	11:10	29.26	5171.74
③ 4-29-80	11:48	57.98	5143.02
5-5-80	11:00	30.17	5170.83
5-12-80	13:50	30.33	5170.67
5-20-80	14:10	58.13	5170.87
④ 5-20-80	14:40	59.50	5141.50
5-20-80	10:00	29.50	5171.50
5-27-80	13:10	30.45	5170.55
6-2-80	14:20	29.38	5171.62
6-10-80	11:15	29.93	5171.08
⑤ 6-10-80	11:45	15.11	5155.64
6-10-80	9:00	30.12	5170.88

TIME		SWL	
Date	Hour	Depth	Elev.
6-10-80	9:00	29.79	5171.21
6-12-80	11:10	23.57	5171.33
6-12-80	12:10	47.51	5153.19
6-12-80	12:10	43.12	5171.55
6-12-80	12:10	58.77	5172.23
6-12-80	12:10	35.72	5165.22

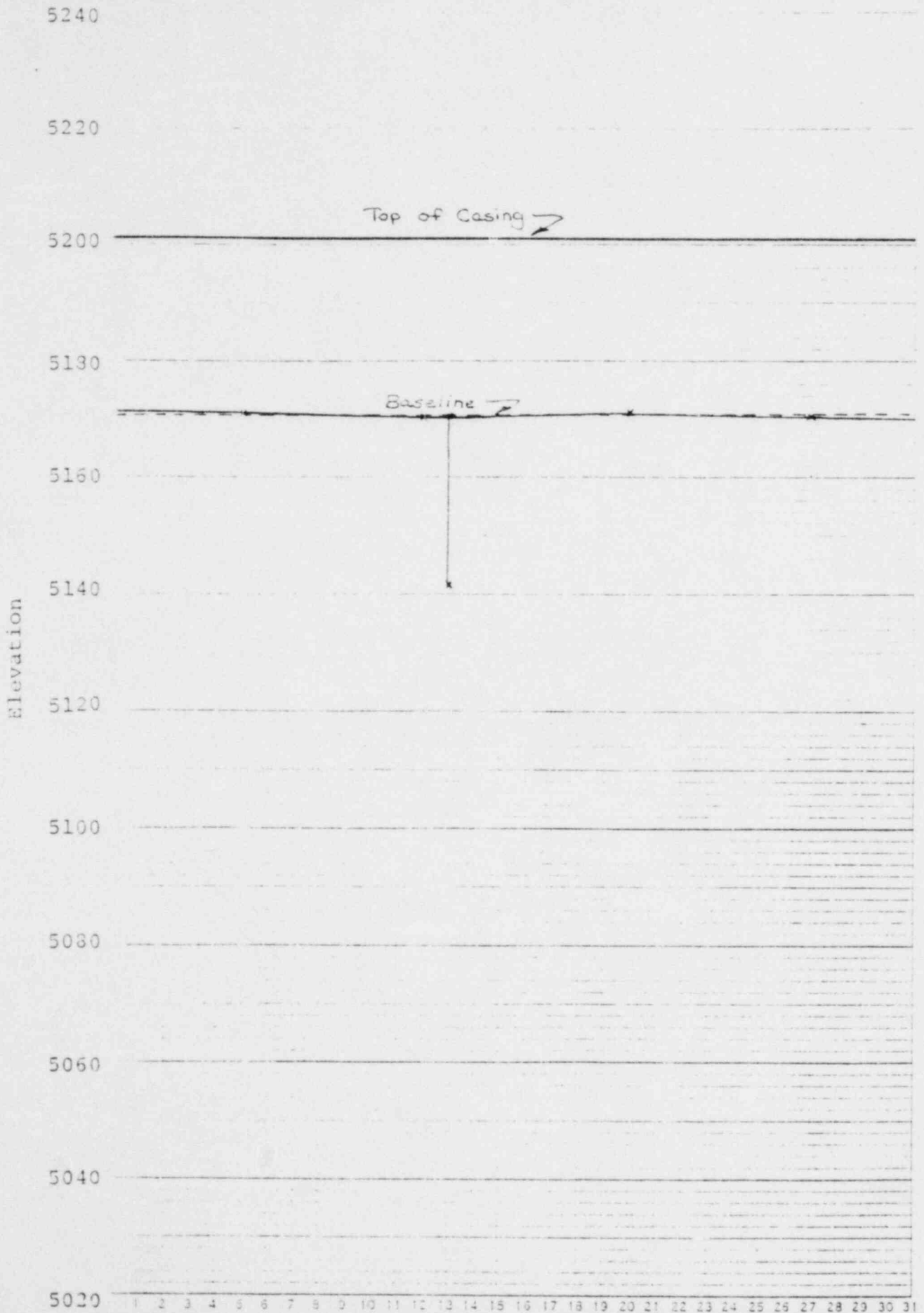
Remarks: ① drawdown after approx. 30 min of pumping.

Well 304 (Idaho)



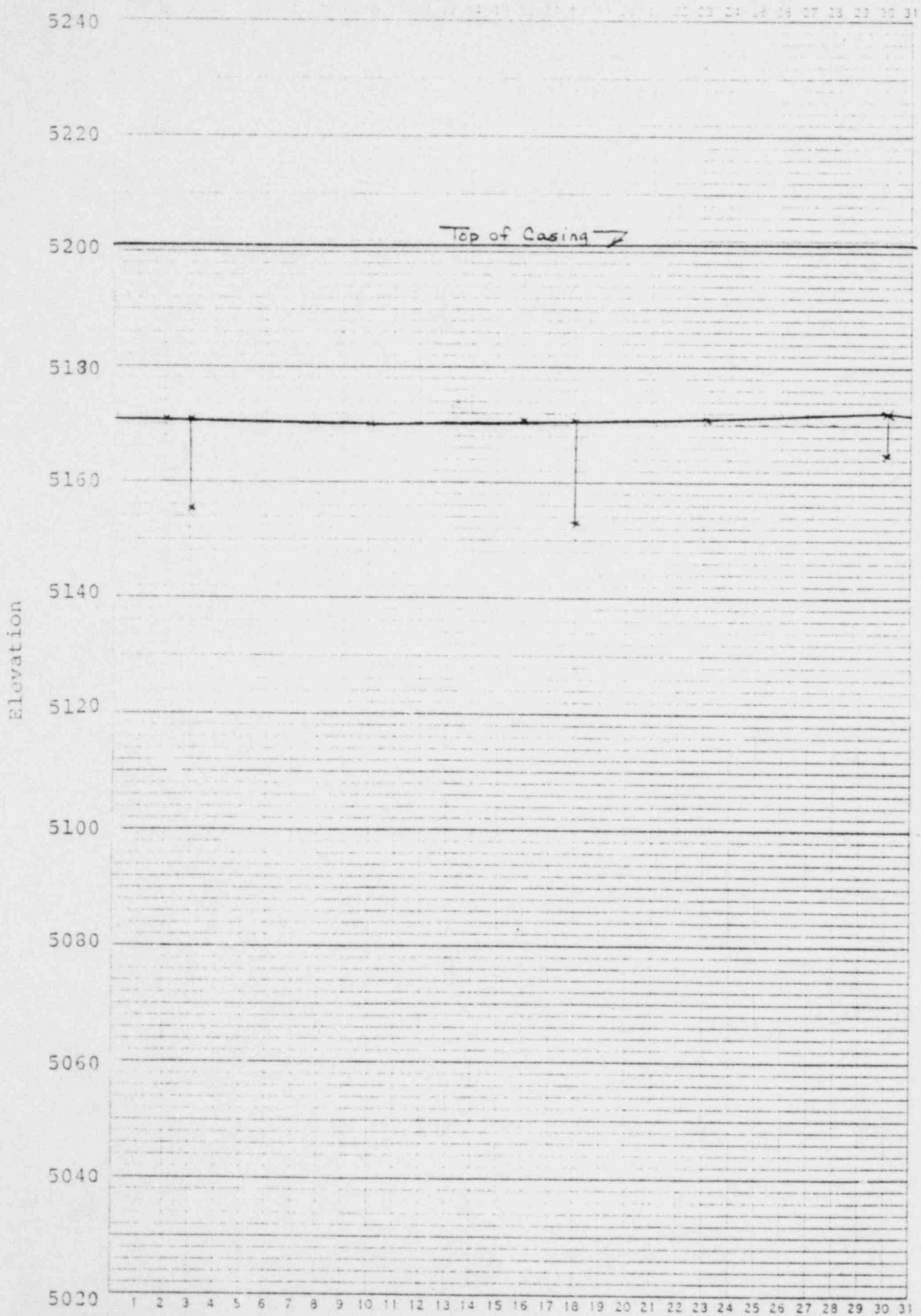
Days
MONTH OF April 1980

Well 304 (Idaho)



Days
MONTH OF May 1980

Well 304 (Idaho)



Days
MONTH OF June 1980

WELL 570

Elev. of MP 5207.0 (correct as of 4-1-80)

Aquifer Represented Idaho

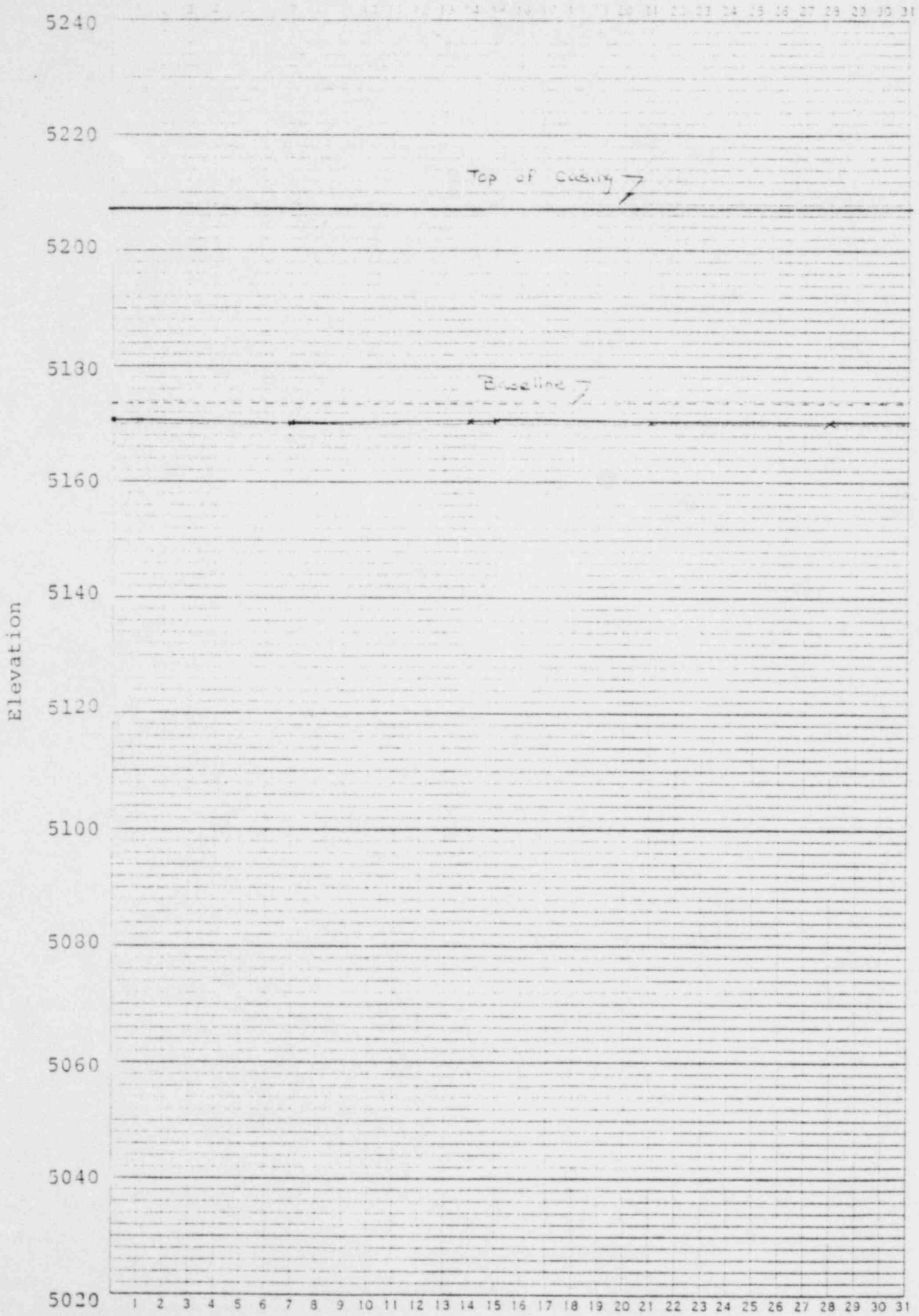
correct base as of 4-1-80 = 5170.35

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	11:20	36.57	5170.43
4-7-80	14:00	36.69	5170.31
4-14-80	11:00	36.42	5170.58
4-15-80	9:42	36.63	5170.37
4-21-80	14:00	36.76	5170.24
4-29-80	14:00	36.63	5170.36
5-5-80	11:00	36.65	5170.35
5-12-80	11:00	36.53	5170.55
5-19-80	11:15	36.51	5170.25
5-26-80	10:00	36.51	5170.32
5-27-80	13:00	36.65	5170.35
6-2-80	14:00	36.69	5170.41
6-10-80	3:00	36.69	5170.33
6-16-80	3:00	36.52	5170.48
6-22-80	11:00	36.51	5170.49

TIME		SWL	
Date	Hour	Depth	Elev.

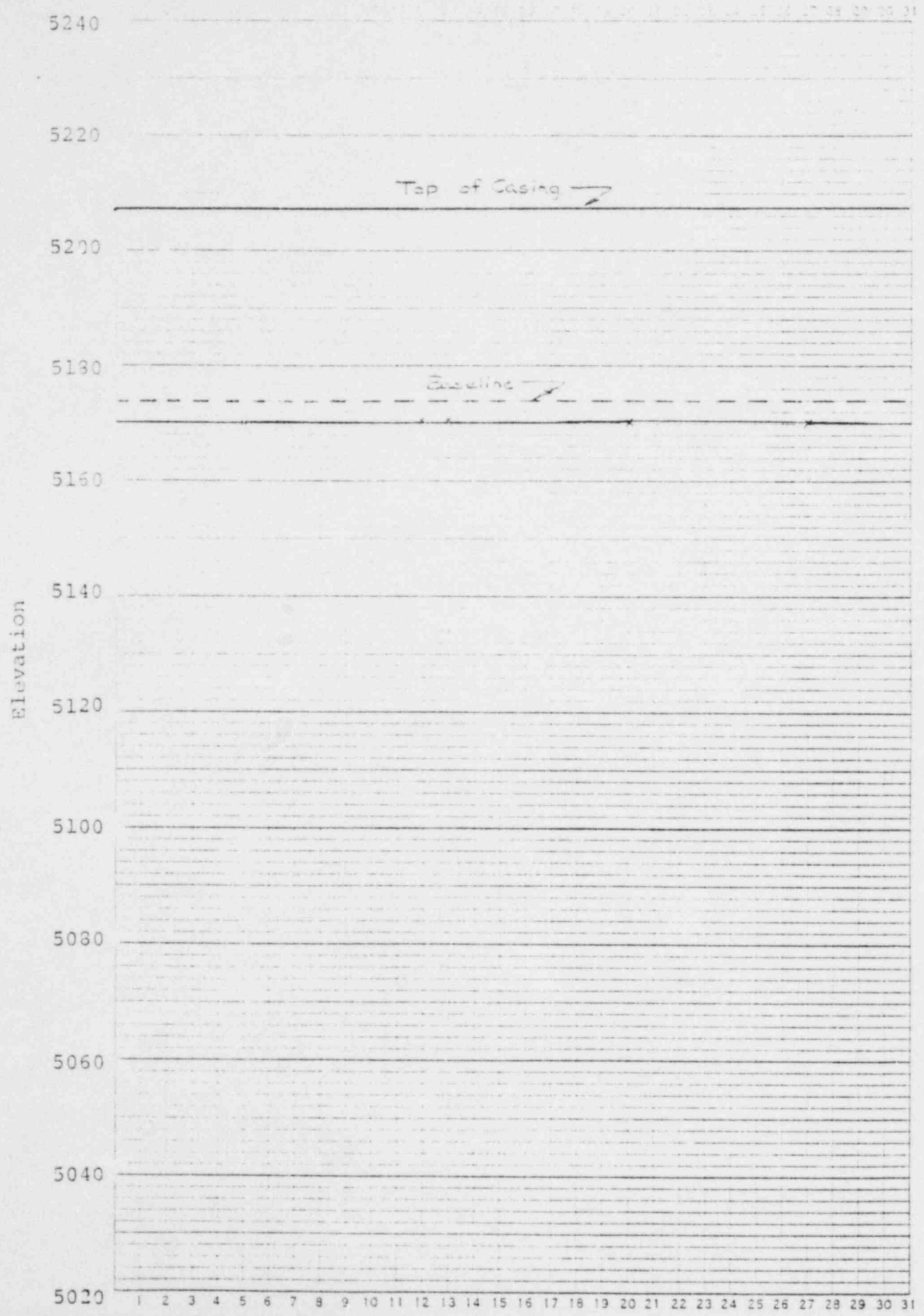
Remarks:

Well 570 (Idaho)



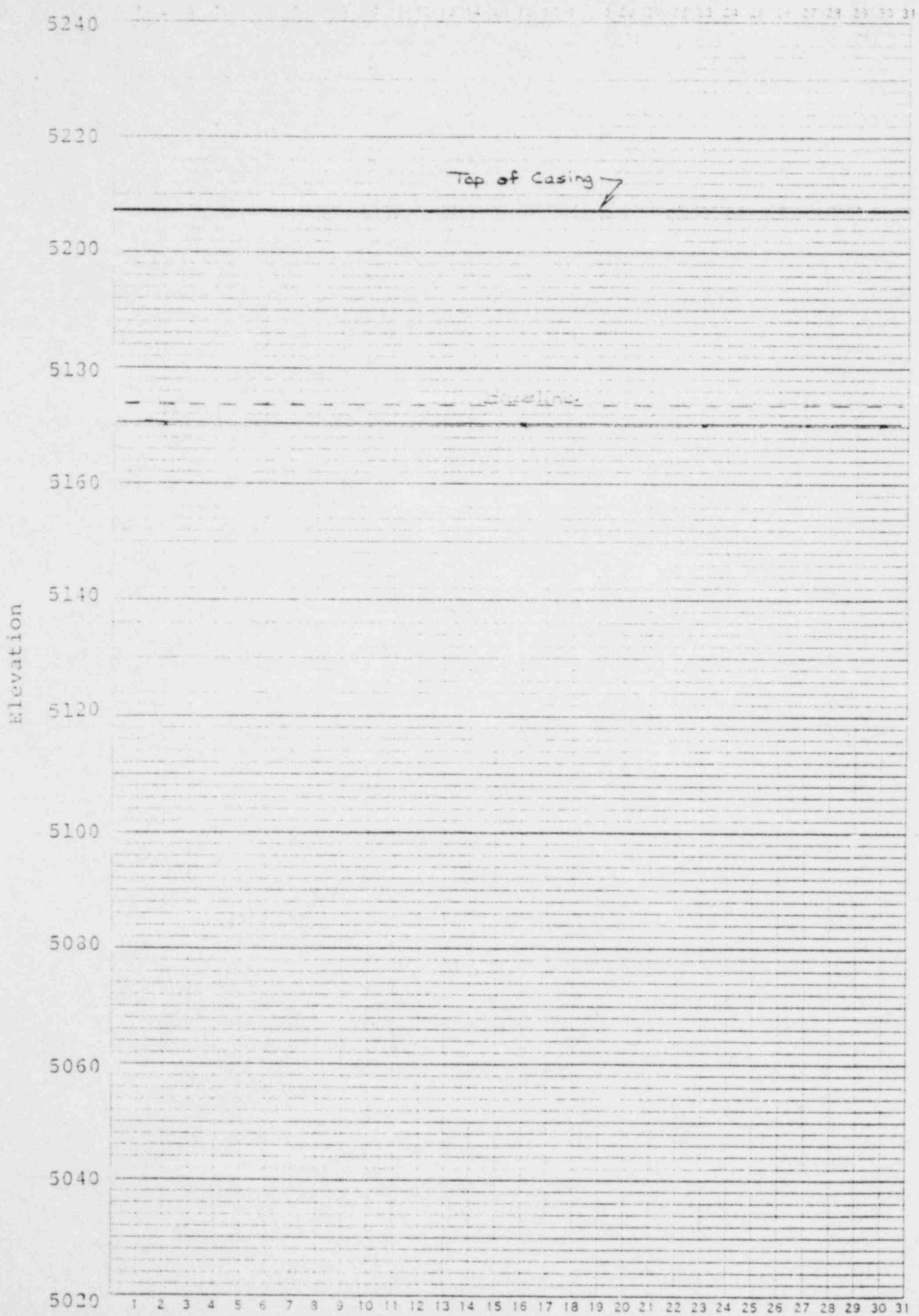
Days
MONTH OF APRIL 19 ee

Well 570 (I)



Days
MONTH OF May 19 80

Well 570 (Idaho)



Days
MONTH OF June 1980

WELL 309

Elev. of MP 5203.75 (corrected elevation)
(25 of 4-1-80)

Aquifer Represented N

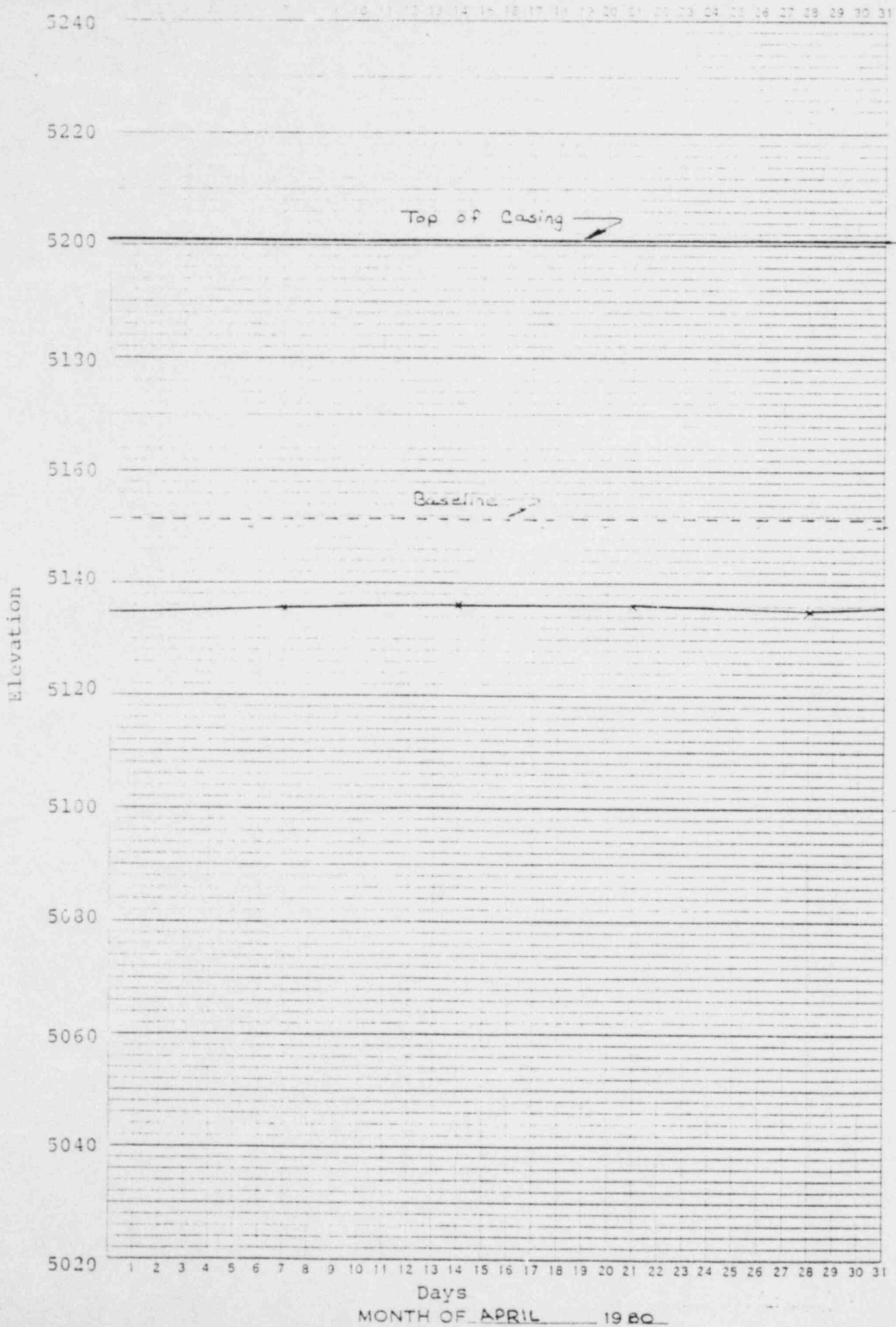
Corrected elevation 5/24/80 = 5156.42

TIME		SWL	
Date	Hour	Depth	Elev.
4-7-80	14:30	68.15	5135.13
4-14-80	14:00	67.68	5136.10
4-21-80	14:00	67.89	5135.90
5-2-80	14:00	68.64	5135.14
5-5-80	11:00	67.34	5136.44
5-6-80	11:00	66.74	5137.04
5-7-80	2:00	66.54	5137.24
5-7-80	2:00	67.16	5135.66
5-8-80	14:00	67.94	5135.84
5-9-80	8:00	67.87	5135.91
5-22-80	13:00	67.23	5135.97
5-15-80	8:00	69.07	5133.79
5-20-80	10:00	67.14	5136.64
5-21-80	9:00	67.29	5136.49
5-22-80	3:30	67.22	5136.50
5-27-80	13:00	67.53	5136.25
5-28-80	3:00	67.24	5136.54
5-29-80	10:00	67.59	5136.19
5-30-80	2:00	67.27	5136.49
5-31-80	11:00	67.19	5135.29

TIME		SWL	
Date	Hour	Depth	Elev.
5-1-80	9:00	68.78	5135.00
5-2-80	8:00	68.54	5135.54
5-3-80	12:00	69.12	5134.60
5-4-80	11:00		5133.01

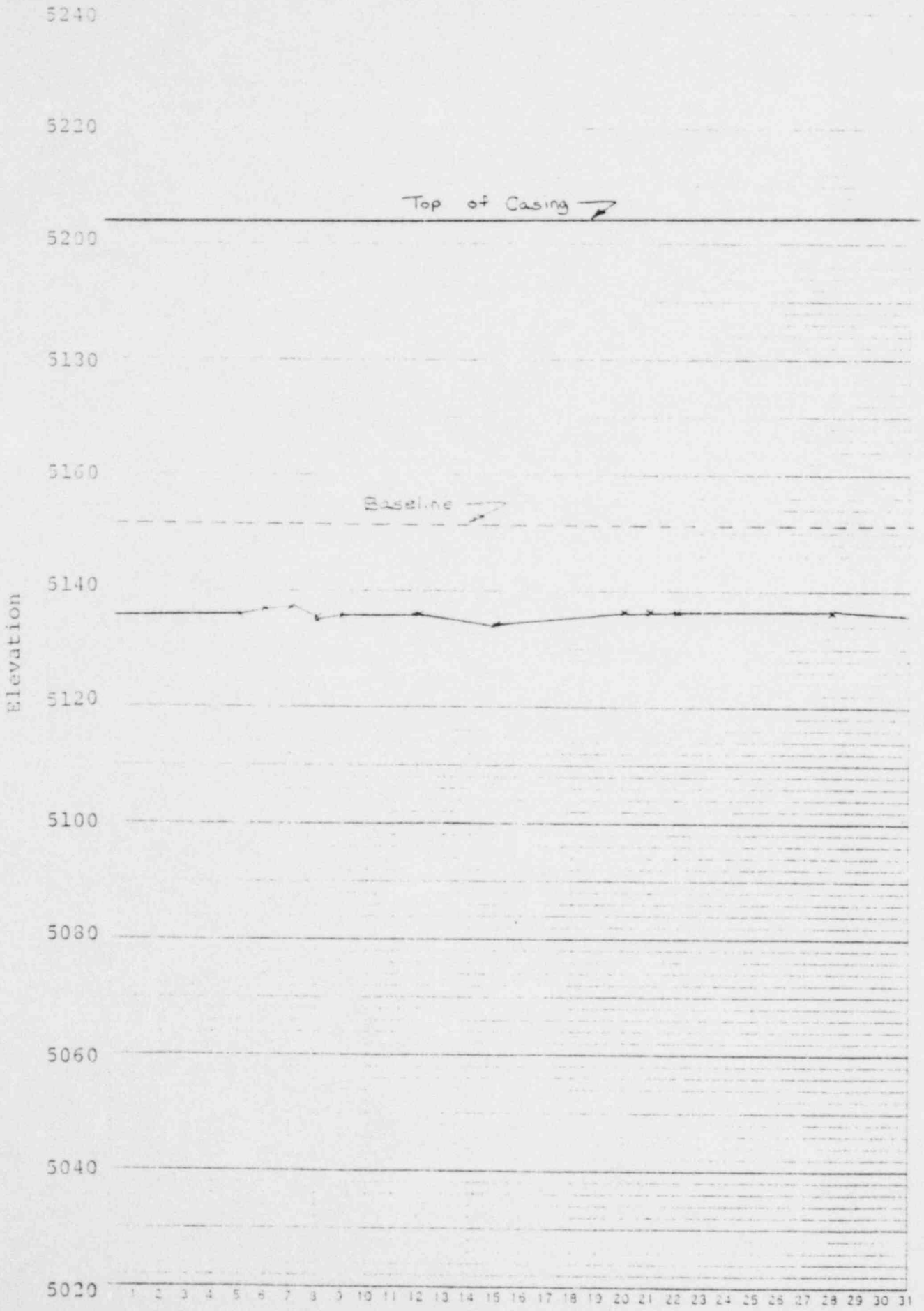
Remarks: ⁽³⁾ 5-5-80 at 0:30 N field off
 5-8-80 at 0:30 recovery - 1:30 injection on

Well 309 (N)



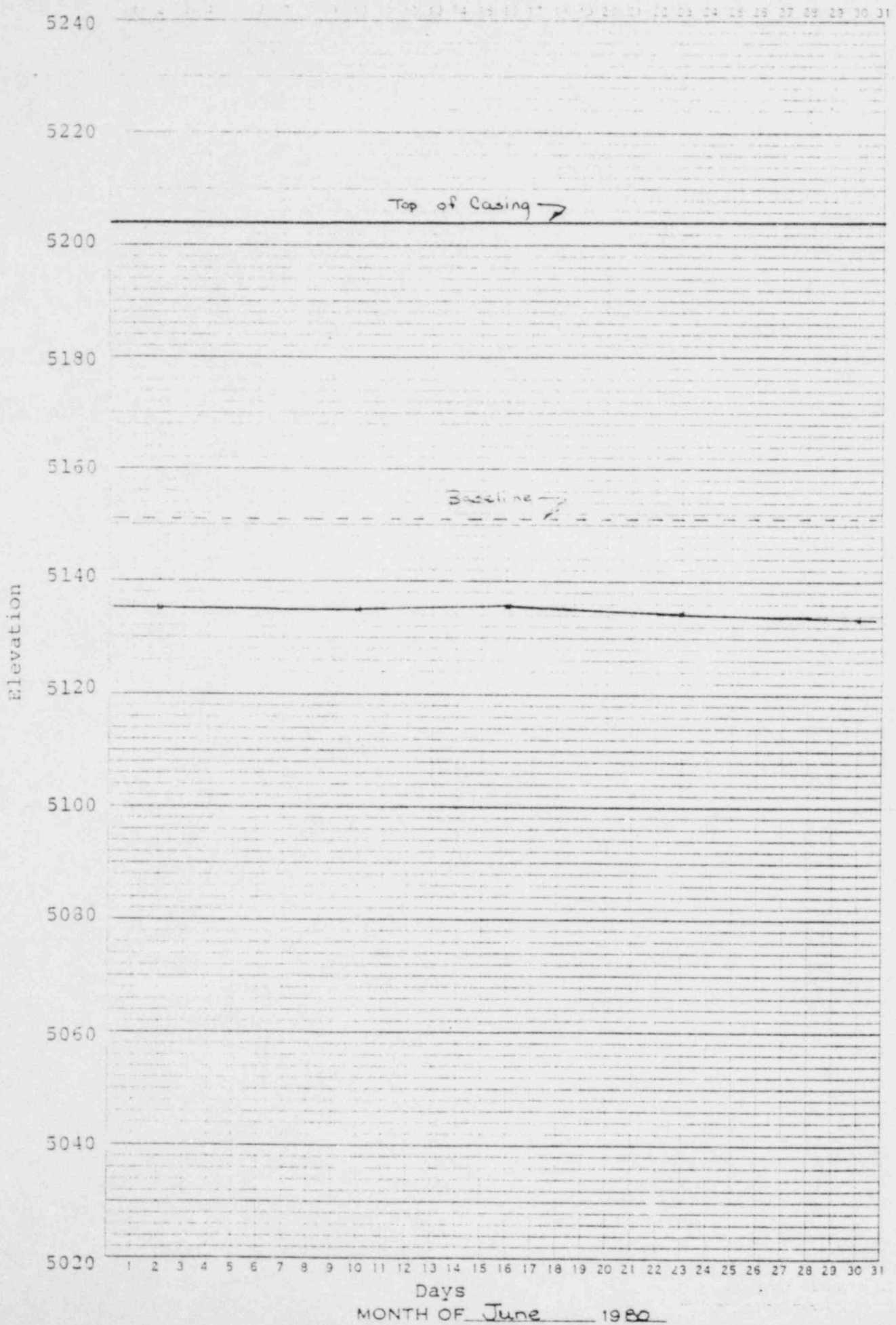
Days
MONTH OF APRIL 1960

Well 309 (N)



Days
MONTH OF May 19 80

Well 309 (N)



WELL 313

Elev. of MP 5207.50

Aquifer Represented N

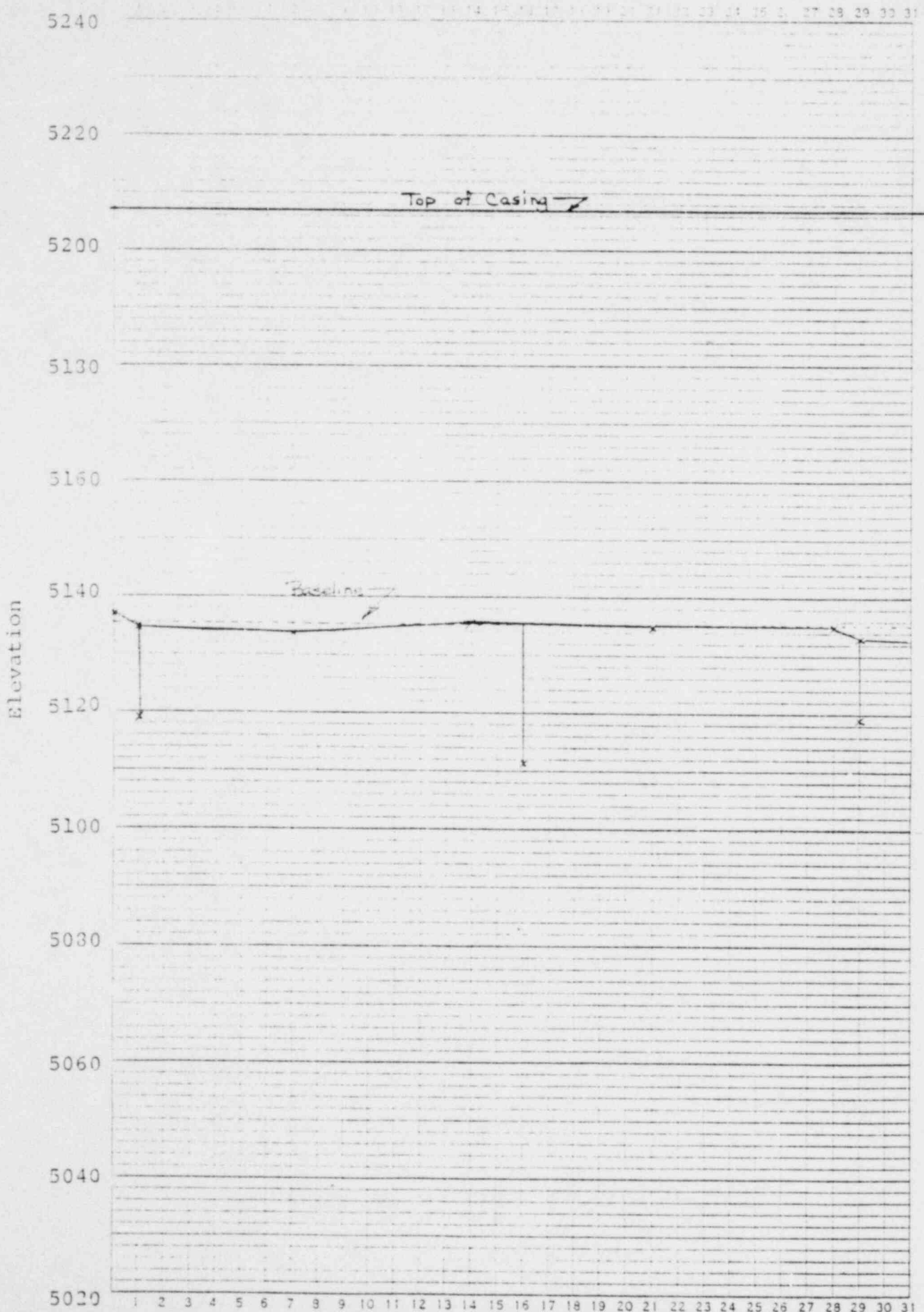
Baseline 5135.70

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	14:05	72.62	5134.88
②			
4-1-80	14:35	88.57	5118.93
4-7-80	14:00	73.59	5133.91
4-14-80	14:00	71.93	5135.57
4-14-80	14:15	72.67	5134.83
②			
4-16-80	14:45	95.65	5111.85
4-21-80	14:00	72.35	5135.15
4-28-80	14:00	72.50	5135.00
4-29-80	14:45	74.18	5133.32
②			
4-29-80	15:11	88.19	5119.31
5-5-80	11:00	71.05	5136.45
5-6-80	11:00	870.69	5136.81
5-7-80	2:00	70.52	5136.98
5-8-80	14:00	66.45	5140.05
5-9-80	9:00	73.46	5134.04
5-10-80	13:00	72.67	5134.83
5-12-80	13:15	74.52	5132.98
②			
5-13-80	13:45	76.42	5111.08
5-19-80	13:00	70.52	5136.98
5-20-80	14:00	71.11	5136.39

TIME		SWL	
Date	Hour	Depth	Elev.
5-27-80	13:00	71.89	5135.61
5-28-80	14:00	73.31	5134.19
5-28-80	13:00	73.63	5133.87
②			
5-30-80	13:25	71.24	5126.46
5-31-80	13:00	72.15	5134.65
5-31-80	3:00	71.72	5135.78
	11:00	72.7	5133.33
			5130.43
	11:00	72.72	5133.38
5-31-80	11:00	74.72	5133.48

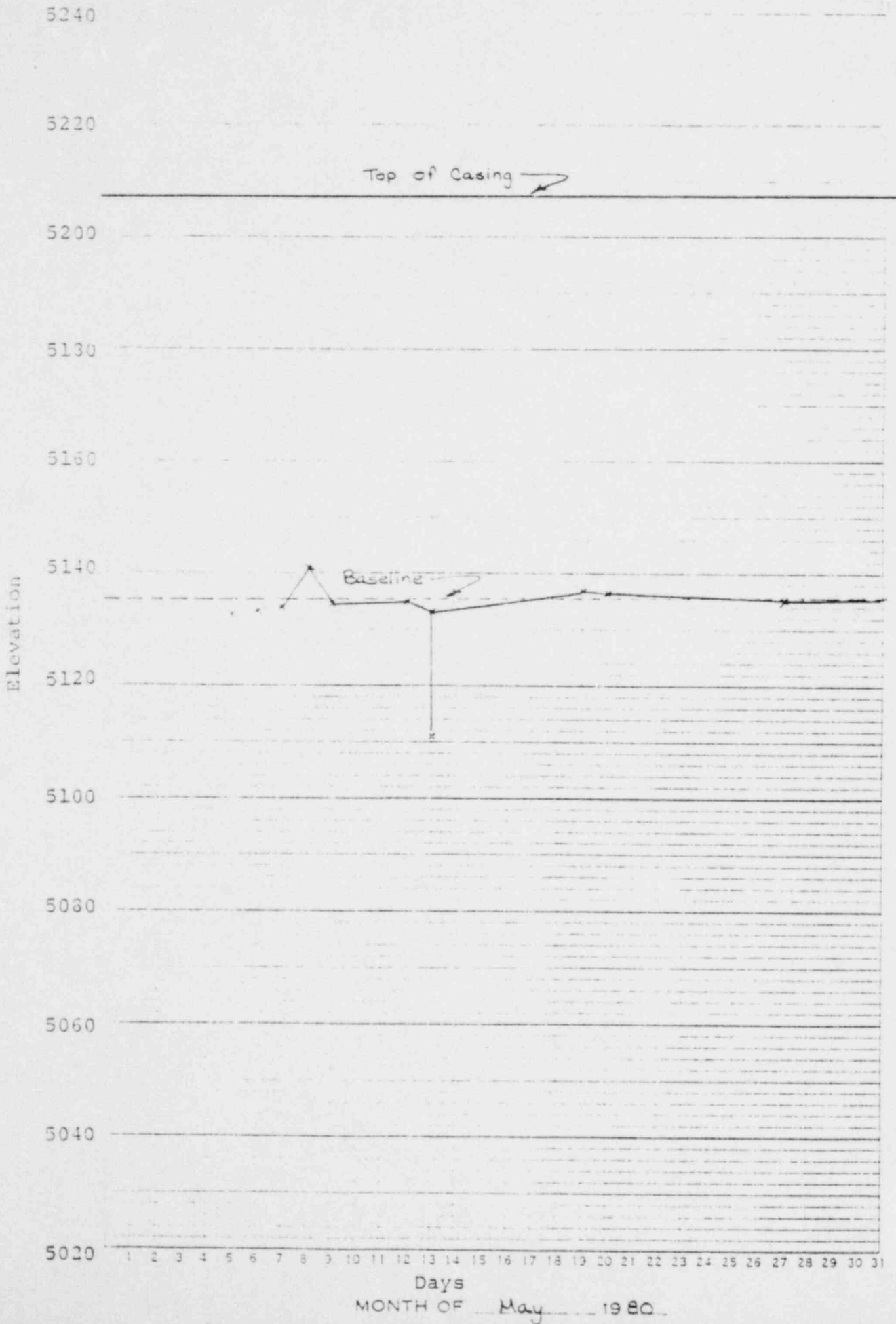
Remarks: ② drawdown after 30 min. of pumping.

Well 313 (N)



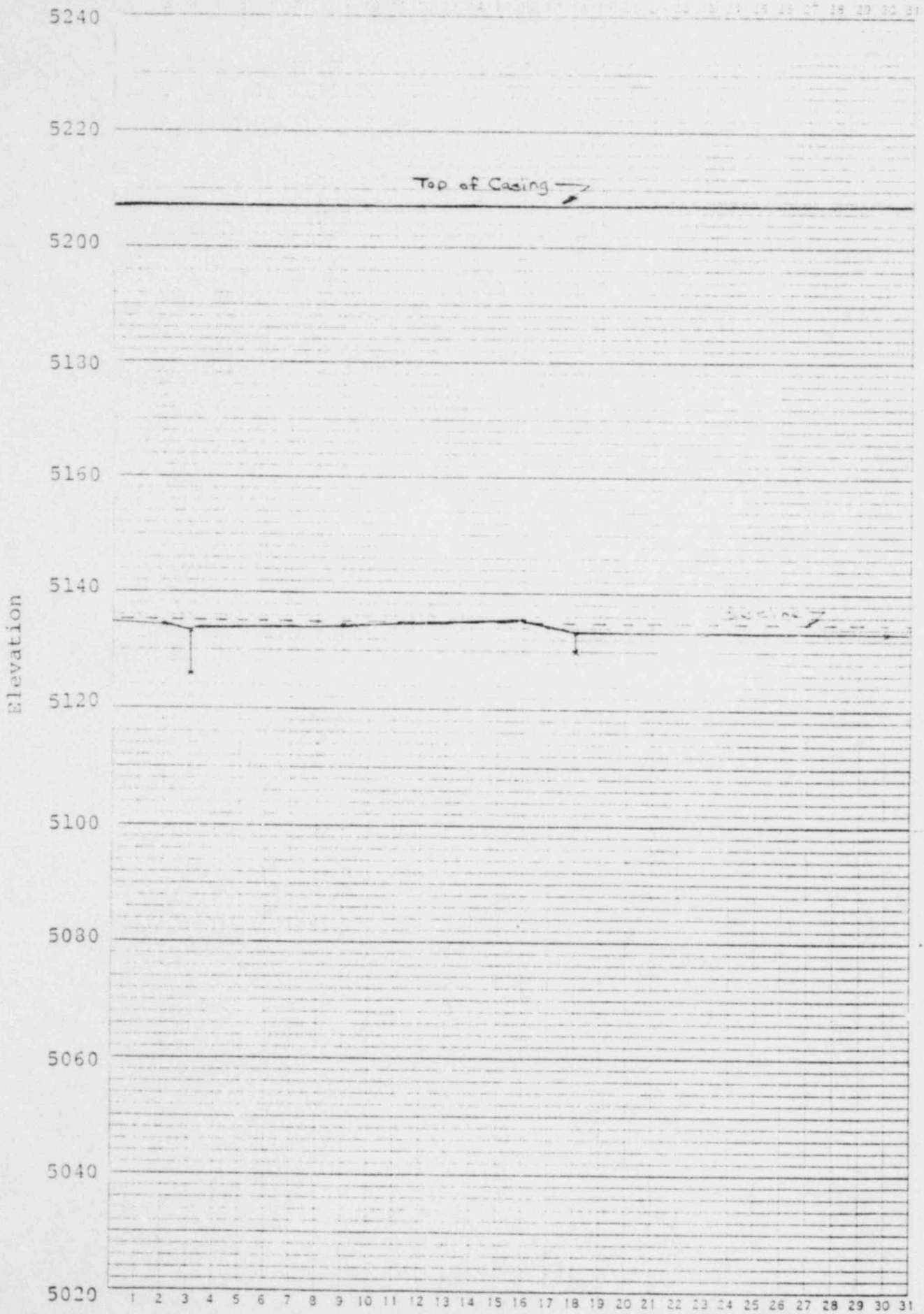
Days
MONTH OF APRIL 19 60

Well 313 (N)



Days
MONTH OF May 1980

Well 313 (N)



Days
MONTH OF June 1920

WELL 319

Elev. of MP 5212.2

Aquifer Represented N

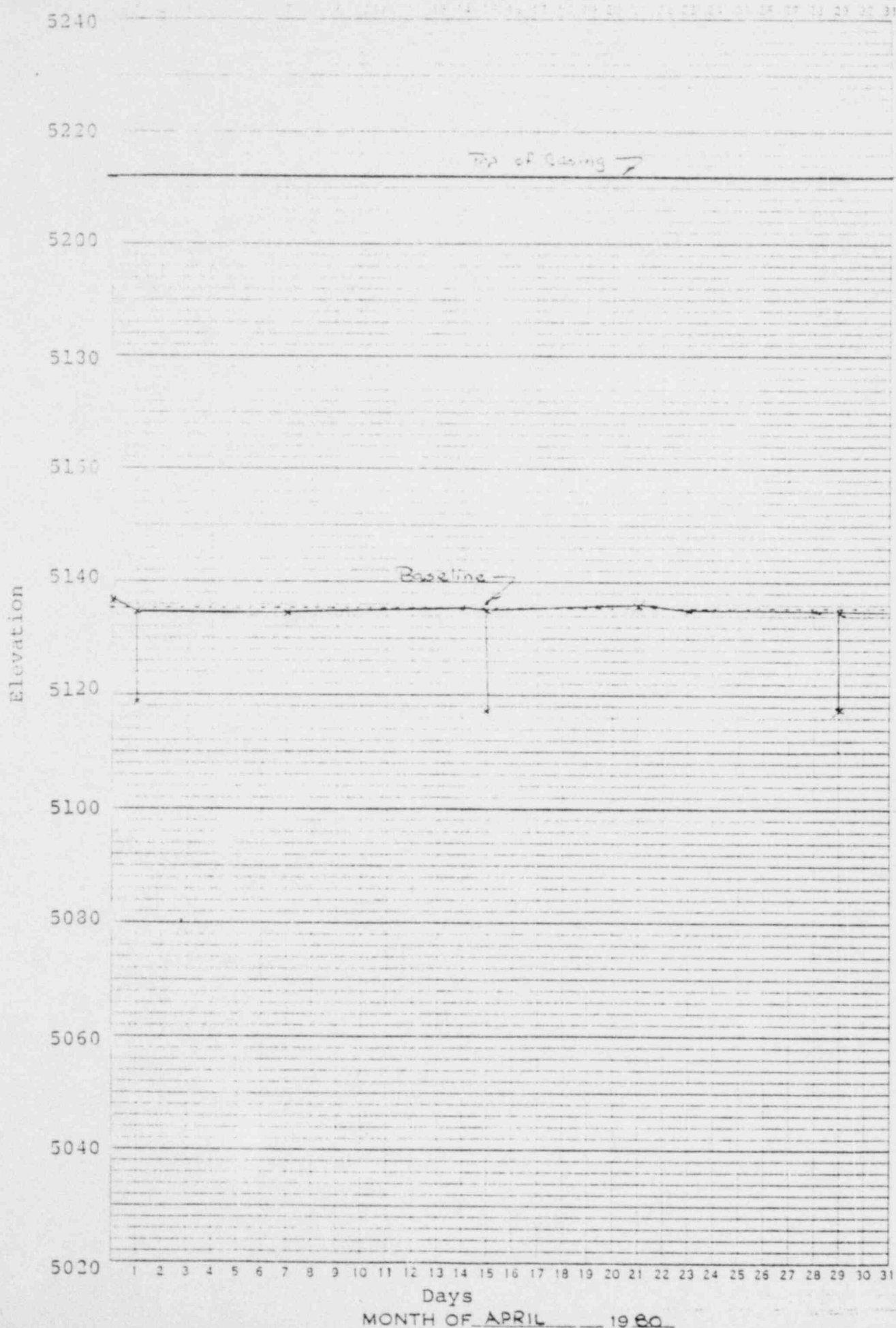
Baseline 5135.18

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	10:35	77.48	5134.72
①			
4-1-80	11:08	93.50	5118.70
4-7-80	14:00	77.52	5134.68
4-14-80	11:00	76.57	5135.63
4-15-80	10:45	77.40	5134.80
②			
4-15-80	11:20	95.04	5117.16
4-21-80	14:00	76.38	5135.82
4-23-80	9:30	77.05	5135.15
4-28-80	14:00	77.22	5134.98
4-29-80	9:15	77.52	5134.68
③			
4-29-80	10:00	94.52	5117.68
5-5-80	11:00	75.85	5136.35
5-6-80	11:00	75.50	5136.70
5-7-80	2:00	75.06	5137.14
5-8-80	7:00	77.22	5134.98
5-8-80	14:00	77.84	5134.36
5-9-80	9:00	77.23	5134.97
5-9-80	14:00	77.23	5134.97
5-12-80	14:00	77.23	5134.97
5-13-80	9:25	81.86	5130.34
④			
5-13-80	9:55	93.46	5118.74

TIME		SWL	
Date	Hour	Depth	Elev.
5-14-80	11:30	92.34	5118.36
5-19-80	13:00	75.92	5136.28
5-20-80	14:00	75.53	5136.67
5-21-80	9:00	76.85	5136.35
5-22-80	8:30	75.52	5136.68
5-27-80	13:00	75.79	5136.41
5-29-80	10:00	77.52	5134.68
5-30-80	8:00	76.56	5135.34
6-2-80	9:00	77.93	5134.27
6-3-80	11:20	72.89	5133.61
⑤			
6-20-80	11:50	24.71	5127.49
6-29-80	13:00	77.52	5134.68
6-16-80	8:00	76.96	5135.24
6-18-80	13:30	73.27	5133.83
⑥			
6-13-80	14:00	25.21	5126.99
6-22-80	11:00	72.88	5133.82
6-22-80	11:00	72.88	5133.82
6-22-80	11:00	72.88	5133.82

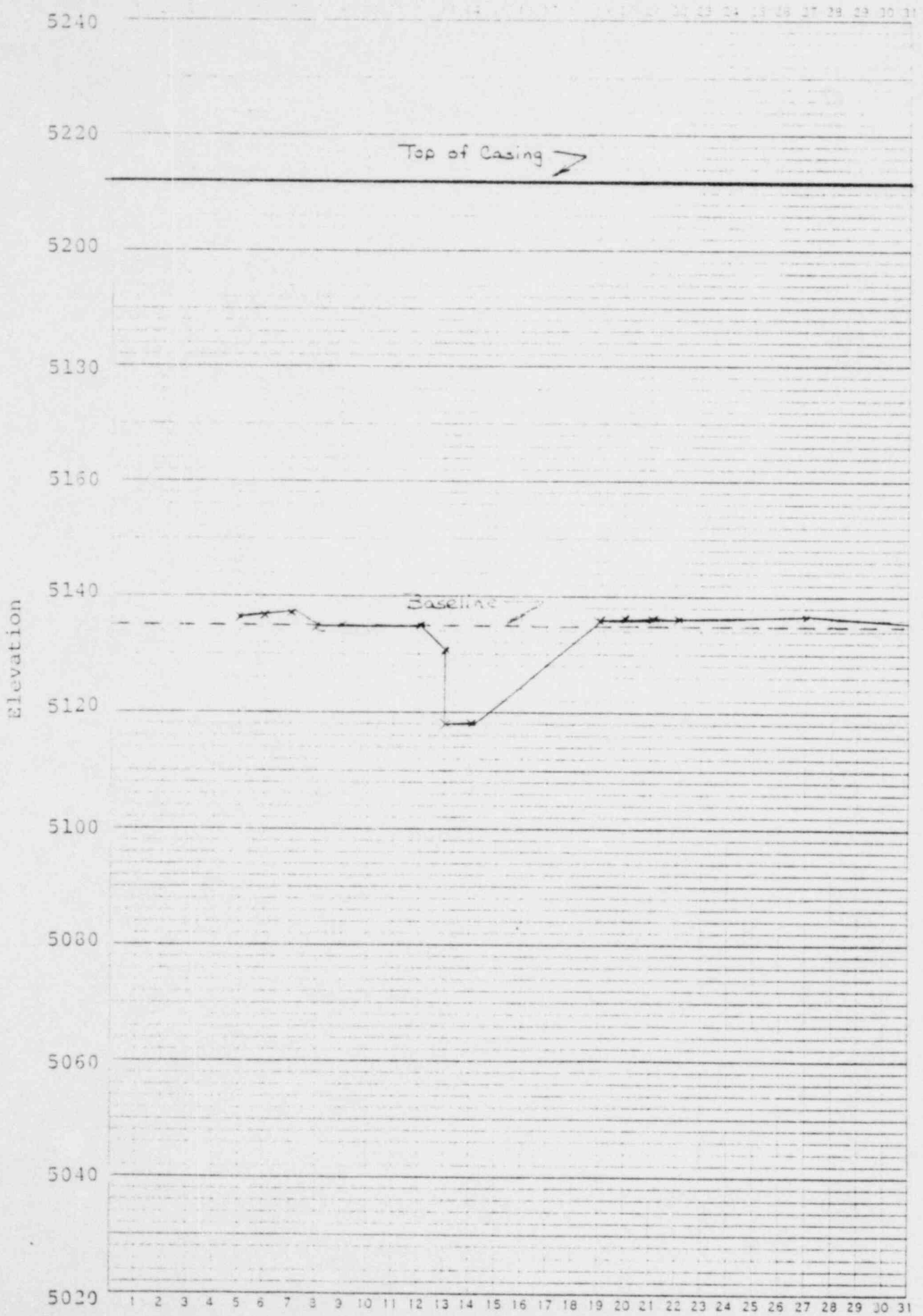
Remarks: ① drawdown while pumping approx 30 min.

Well 319 (N)



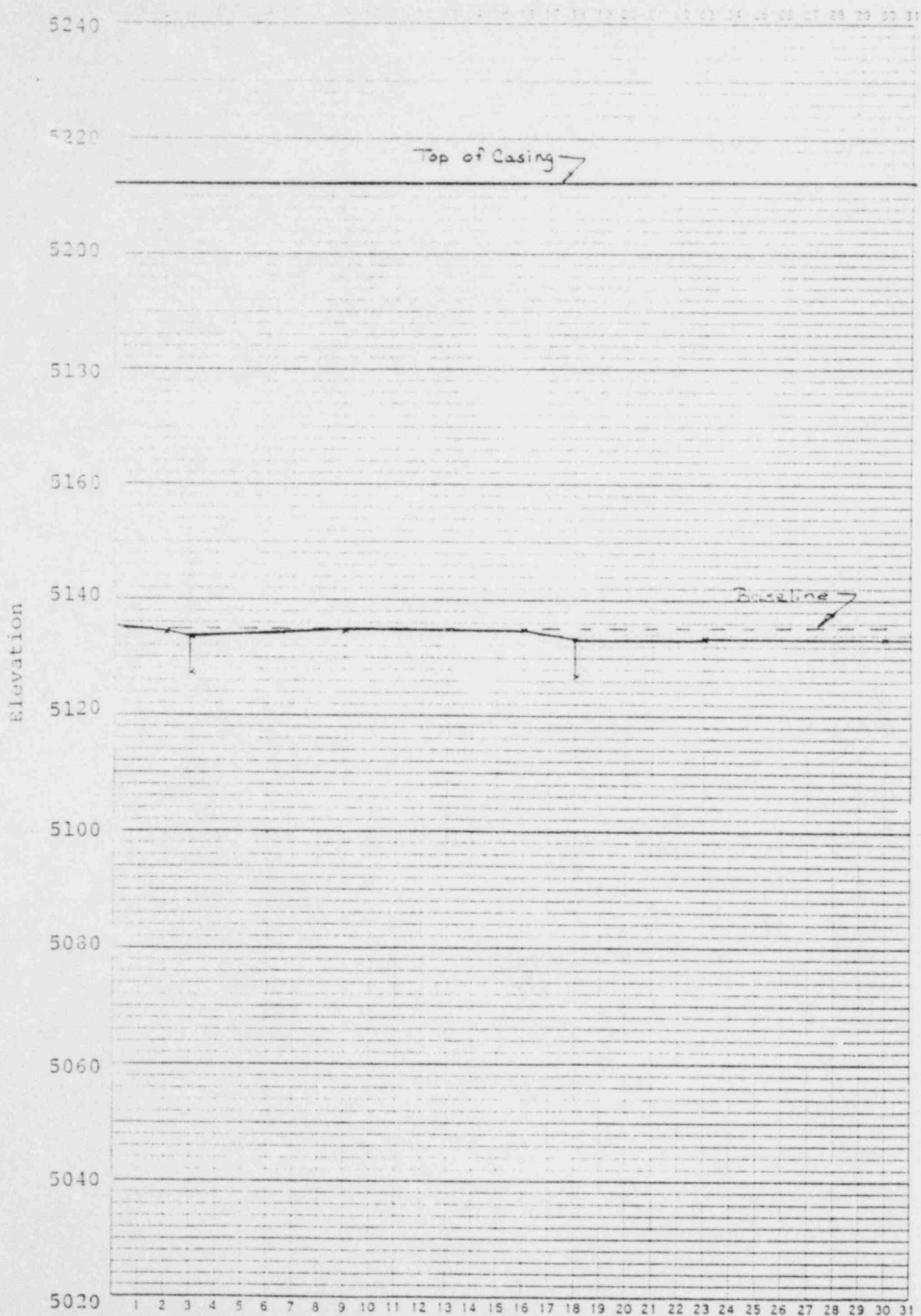
MONTH OF APRIL 1960

Well 319 (N)



Days
MONTH OF May 19 86

Well 319 (N)



Days
MONTH OF June 19 30

WELL 320

Elev. of MP 5198.30

Aquifer Represented N

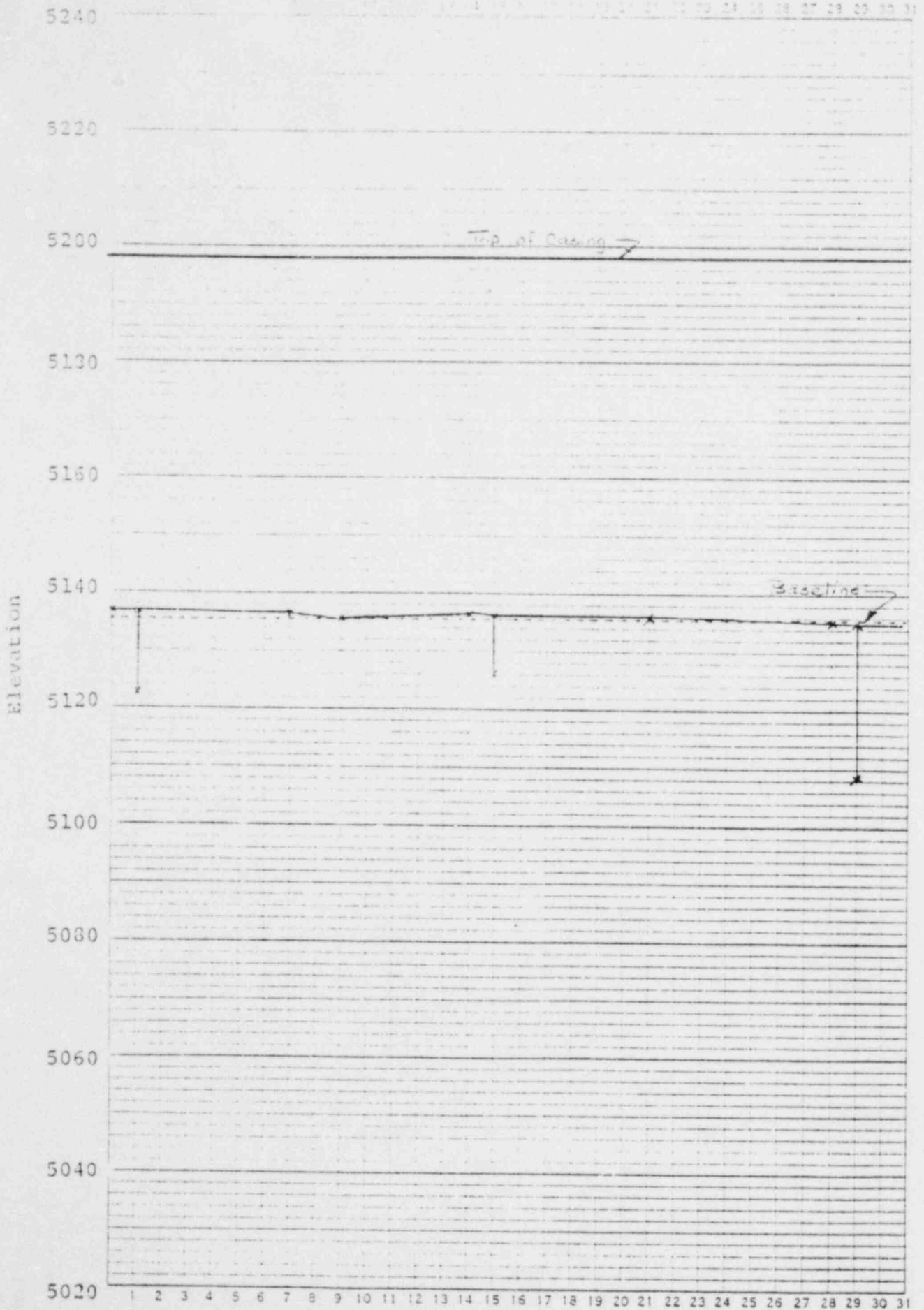
Baseline 5135.45

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	9:54	62.10	5136.20
②			
4-1-80	10:24	75.52	5122.78
4-7-80	14:00	61.85	5136.45
4-9-80	13:00	62.63	5135.67
4-14-80	11:00	61.83	5136.48
4-19-80	10:00	62.36	5135.94
②			
4-21-80	14:00	62.40	5135.90
4-28-80	14:00	62.90	5135.38
4-29-80	10:15	63.26	5135.04
②			
4-29-80	10:50	79.75	5118.55
5-5-80	11:00	61.83	5136.47
5-6-80	11:00	61.69	5136.61
5-7-80	2:00	61.44	5136.86
5-8-80	9:00	57.33	5141.02
5-8-80	14:00	58.97	5139.43
5-9-80	9:00	62.18	5136.12
5-12-80	13:00	62.10	5135.67
5-13-80	10:05	63.37	5134.93
②			
5-13-80	10:35	79.80	5118.50

TIME		SWL	
Date	Hour	Depth	Elev.
5-14-80	11:30	63.46	5134.84
5-20-80	10:00	61.15	5137.15
5-23-80	8:00	60.63	5137.67
5-27-80	13:00	61.55	5136.75
6-2-80	9:00	63.01	5135.23
6-3-80	10:15	64.03	5134.27
②			
6-8-80	10:50	66.19	5132.11
6-11-80	7:00	62.30	5134.50
6-17-80	8:00	69.30	5135.90
6-19-80	14:30	62.57	5135.73
②			
6-23-80	10:30	69.77	5130.53
6-25-80	11:00	63.40	5134.90
6-27-80	11:00	63.27	5135.03

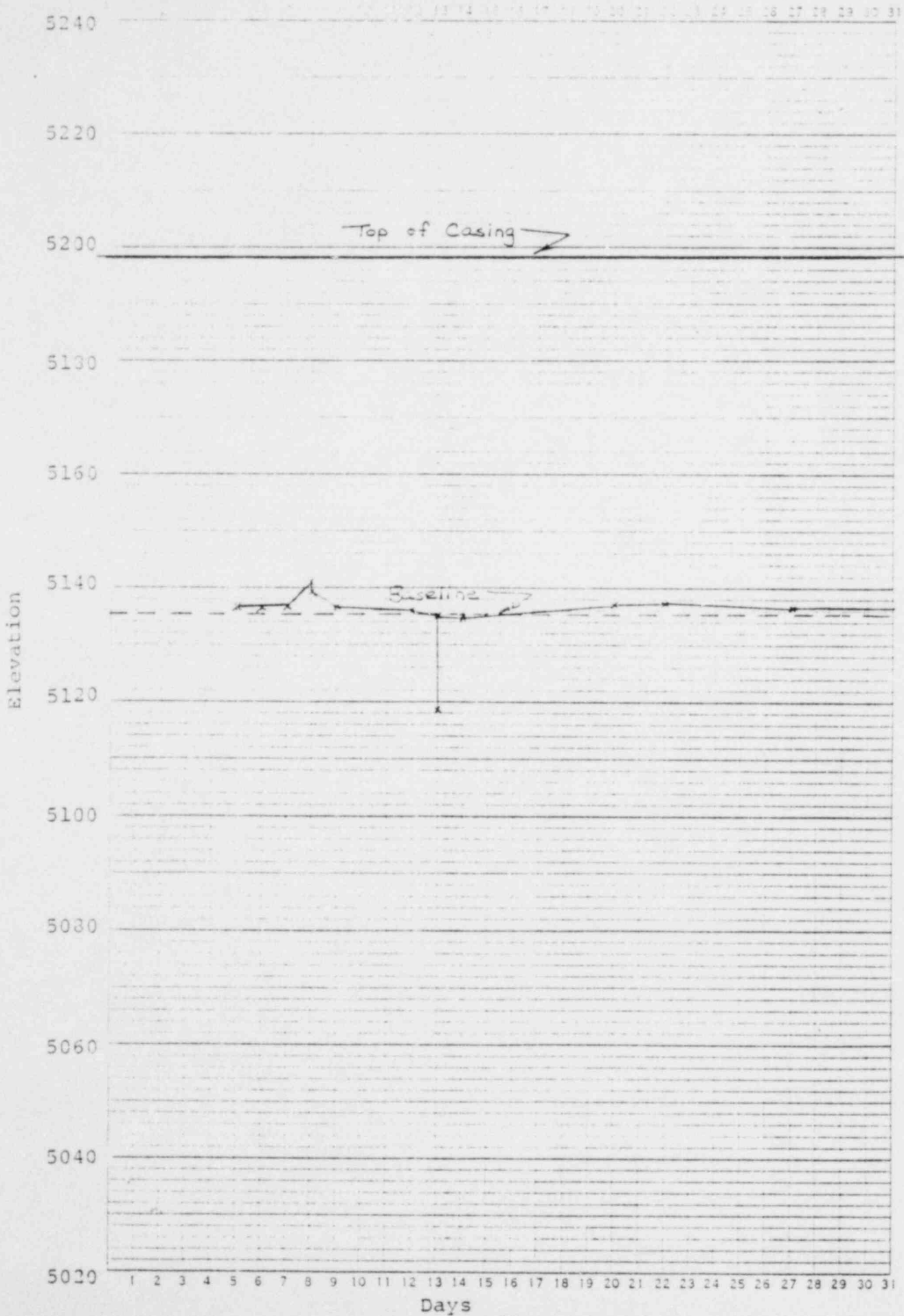
Remarks: ② drawdown after pumping approx. 30 min

Well 320 (N)



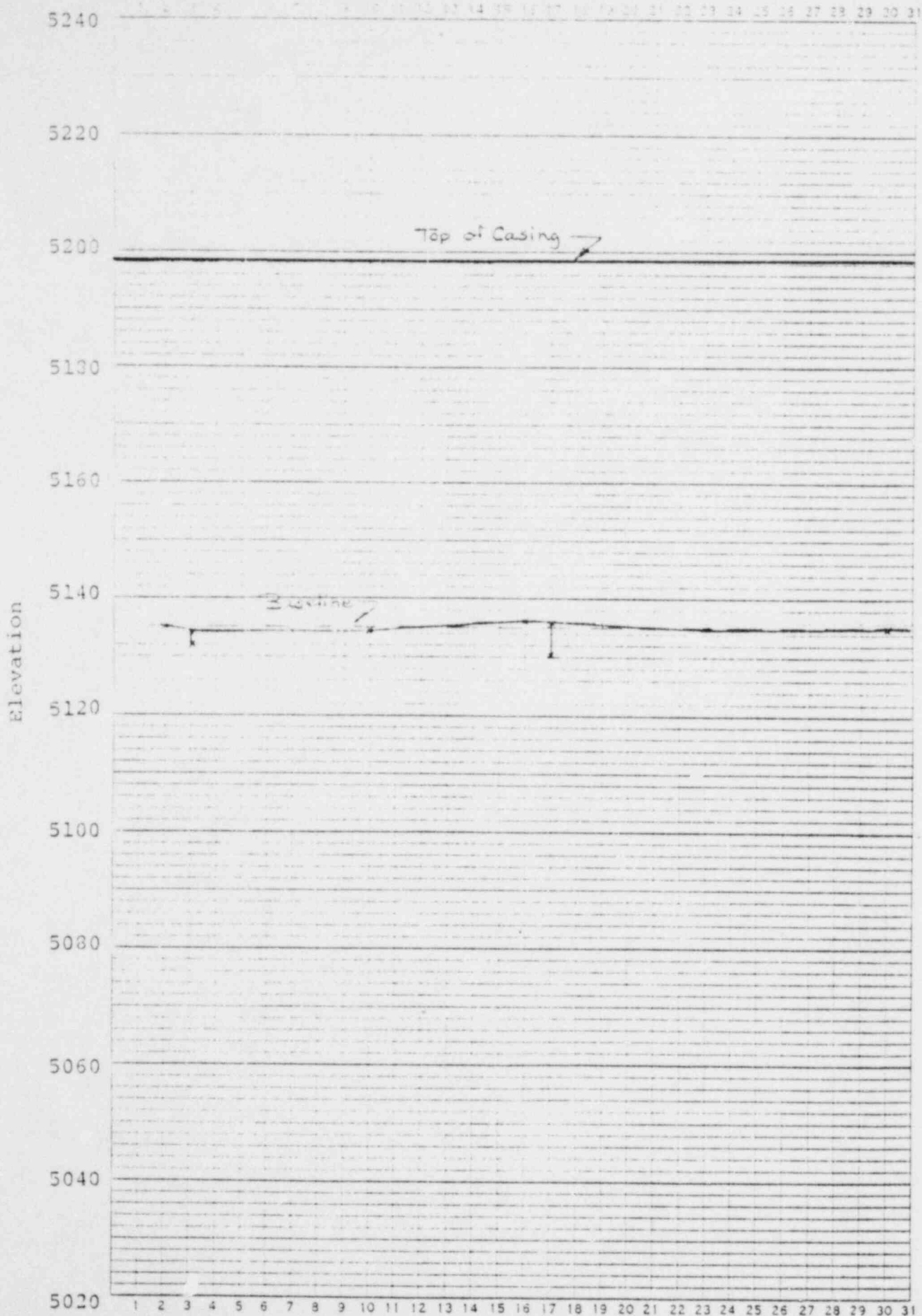
Days
MONTH OF APRIL 19 62

Well 320 (V)



Days
MONTH OF May 19 80

Well 320 (N)



Days
MONTH OF June 1980

WELL N-M-1

Elev. of MP 5224.4

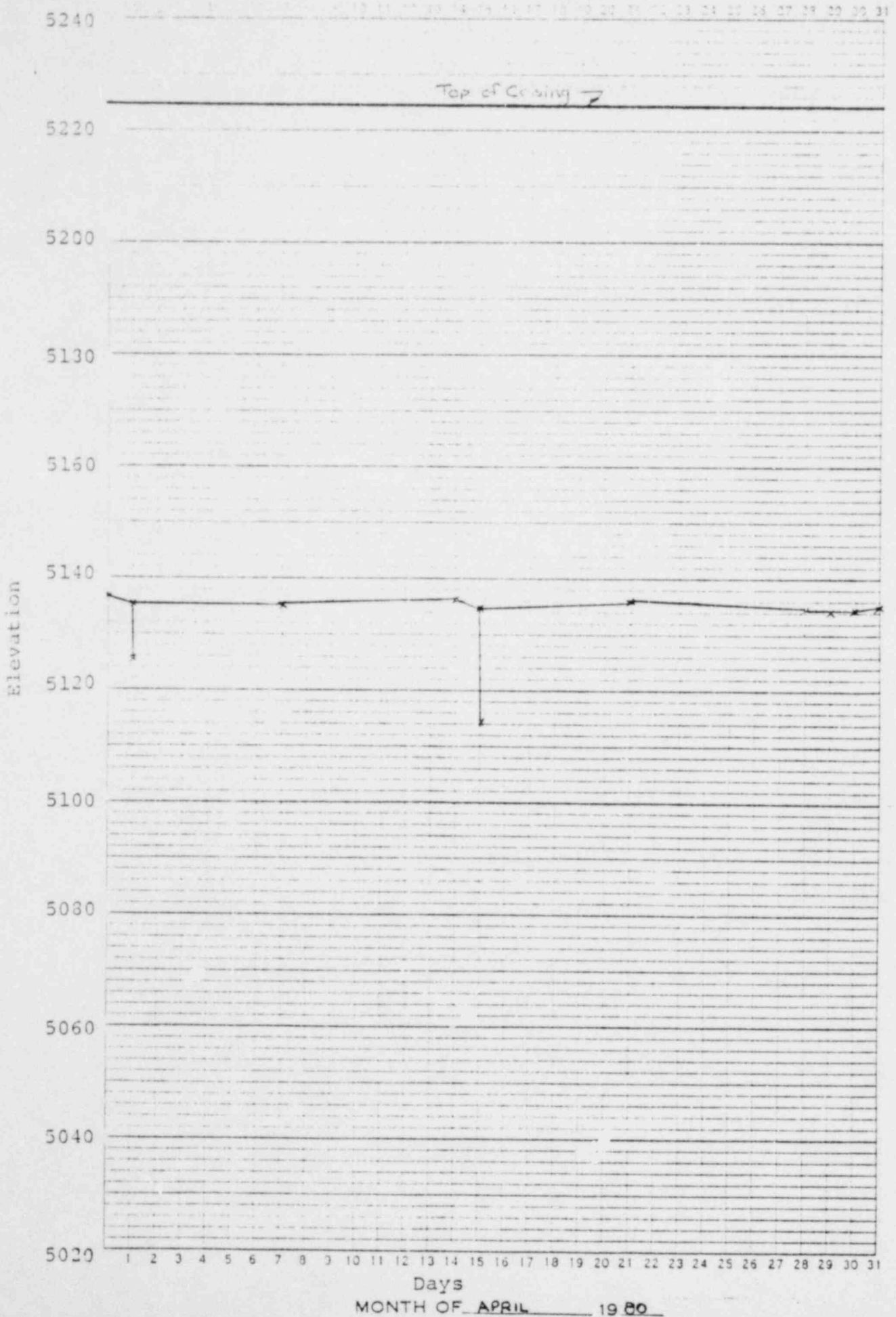
Aquifer Represented N

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	13:23	88.97	5135.43
② 4-1-80	14:47	98.55	5125.85
4-7-80	14:00	89.50	5134.90
4-14-80	14:00	89.41	5136.00
4-15-80	11:39	89.70	5134.70
② 4-15-80	12:55	110.21	5114.19
4-21-80	14:00	88.59	5135.81
4-25-80	14:00	89.70	5134.70
4-25-80	15:00	89.70	5134.70
4-29-80	14:00	90.21	5134.19
4-29-80	14:00	89.13	5136.27
4-30-80	14:00	89.90	5134.50
5-1-80	12:00	87.39	5135.01
5-5-80	11:00	88.45	5135.95
5-6-80	11:00	87.24	5137.76
5-7-80	14:00	86.79	5137.61
5-8-80	9:00	88.97	5135.43
5-8-80	14:00	89.38	5135.02
5-9-80	9:00	89.42	5134.98
5-12-80	12:00	89.00	5136.40
5-13-80	10:35	89.40	5135.00

TIME		SWL	
Date	Hour	Depth	Elev.
5-13-80	11:30	90.26	5134.19
5-15-80	3:00	89.13	5136.27
5-16-80	13:00	87.90	5136.50
5-17-80	12:35	92.00	5136.40
5-20-80	11:00	87.34	5137.06
5-20-80	13:00	87.48	5136.92
5-20-80	14:00	87.47	5136.93
5-23-80	11:00	87.71	5136.46
5-27-80	13:00	88.29	5136.11
6-2-80	10:00	89.37	5135.13
6-2-80	14:00	91.29	5133.11
③ 6-2-80	14:00	93.31	5130.59
6-2-80	13:00	89.67	5134.83
6-11-80	3:00	89.71	5134.69
6-17-80	13:20	89.22	5134.78
③ 6-17-80	14:00	95.35	5129.15
6-23-80	11:00	90.76	5133.64
6-27-80	11:00	91.09	5133.32

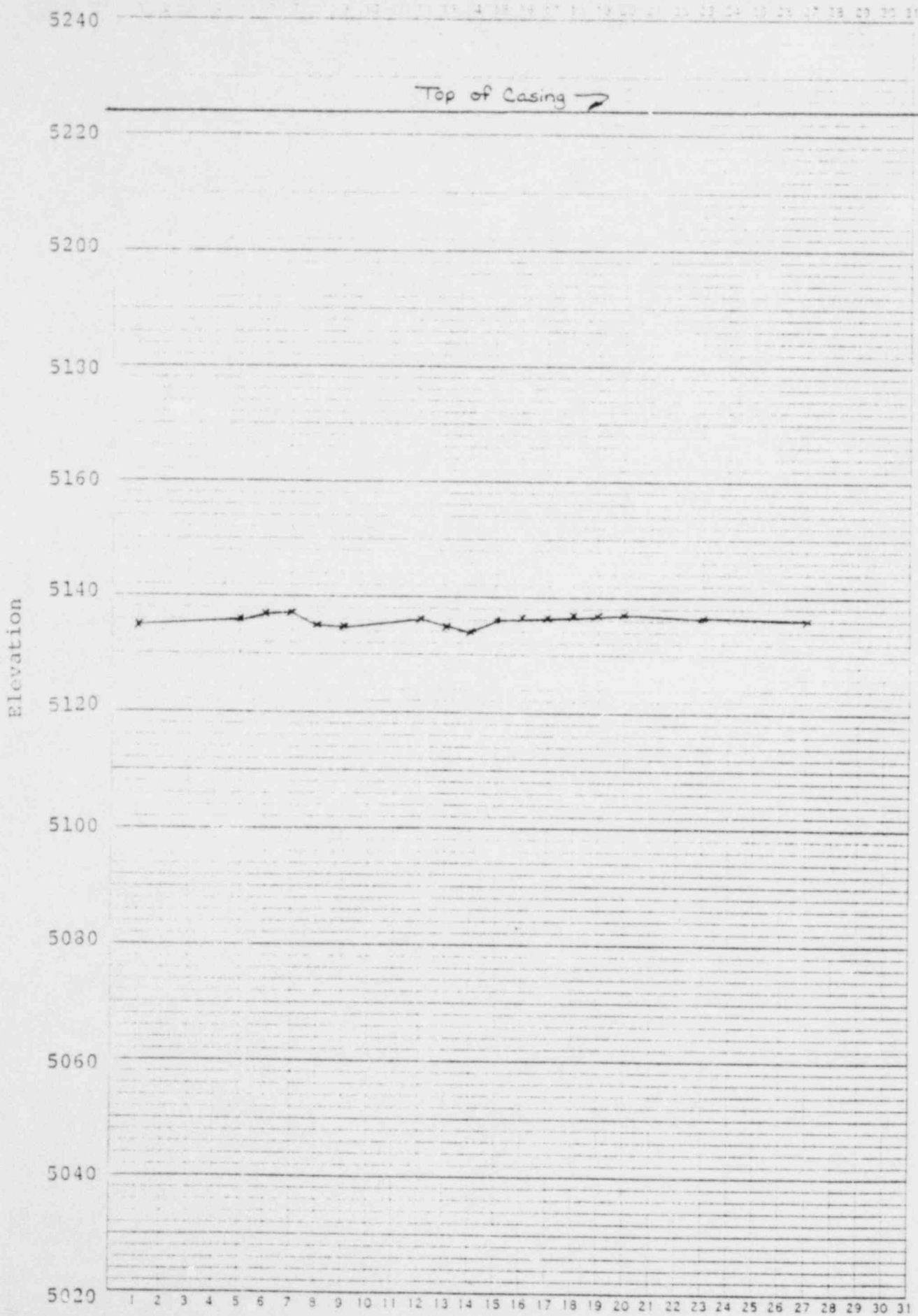
Remarks: ② drawdown after 30 min of pumping

Well N.M-1 (N)



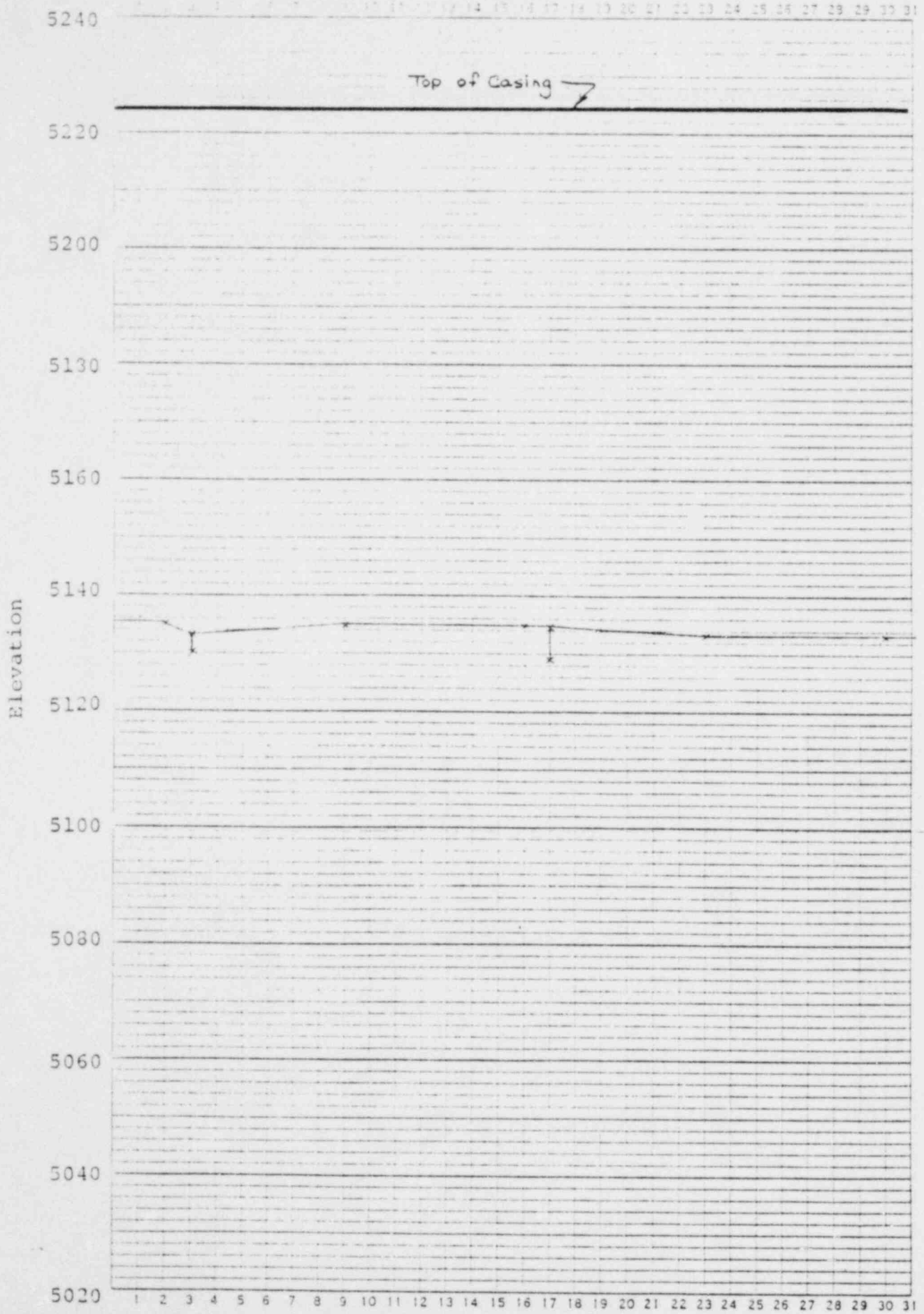
MONTH OF APRIL 1960

Well N-M-1 (N)



MONTH OF May 1980

Well N-M-1 (N)



Days
MONTH OF June 19 80

WELL 305

Elev. of MP 5218.90

Aquifer Represented M

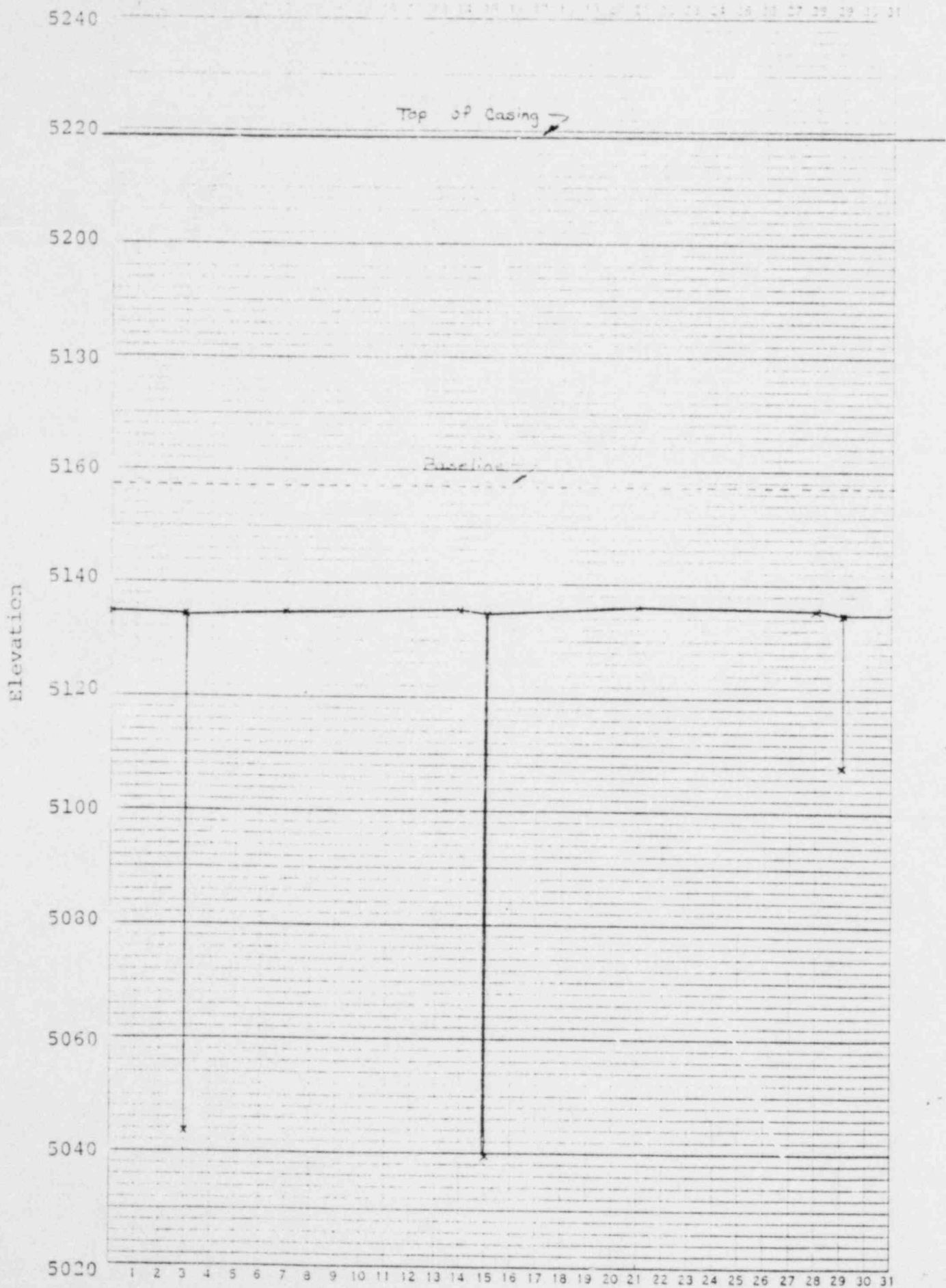
Baseline 5157.25

TIME		SWL	
Date	Hour	Depth	Elev.
4-2-80	10:35	84.50	5134.40
②			
4-3-80	10:20	175.18	5043.72
4-7-80	14:00	83.80	5135.10
4-14-80	14:00	83.57	5135.33
4-15-80	14:10	84.60	5134.30
③			
4-15-80	14:45	179.50	5039.40
4-21-80	14:00	82.95	5135.95
4-25-80	11:00	83.70	5135.20
4-30-80	13:15	84.20	5134.60
④			
4-30-80	13:44	110.70	5066.20
5-5-80	11:00	84.13	5134.77
5-10-80	12:00	85.21	5133.69
5-12-80	12:00	85.00	5133.73
5-18-80	10:00	101.00	5037.82
5-20-80	10:00	84.77	5134.13
5-27-80	13:00	83.78	5135.12
6-5-80	8:00	82.88	5135.02
6-13-80	9:25	84.84	5134.86
⑤			
6-13-80	9:53	108.19	5110.21
6-19-80	7:00	93.04	5134.96

TIME		SWL	
Date	Hour	Depth	Elev.
			5133.85
			5091.83
			5134.10
			5135.01

Remarks: ① drawdown after pumping approx. 30 min.

Well 305 (M)



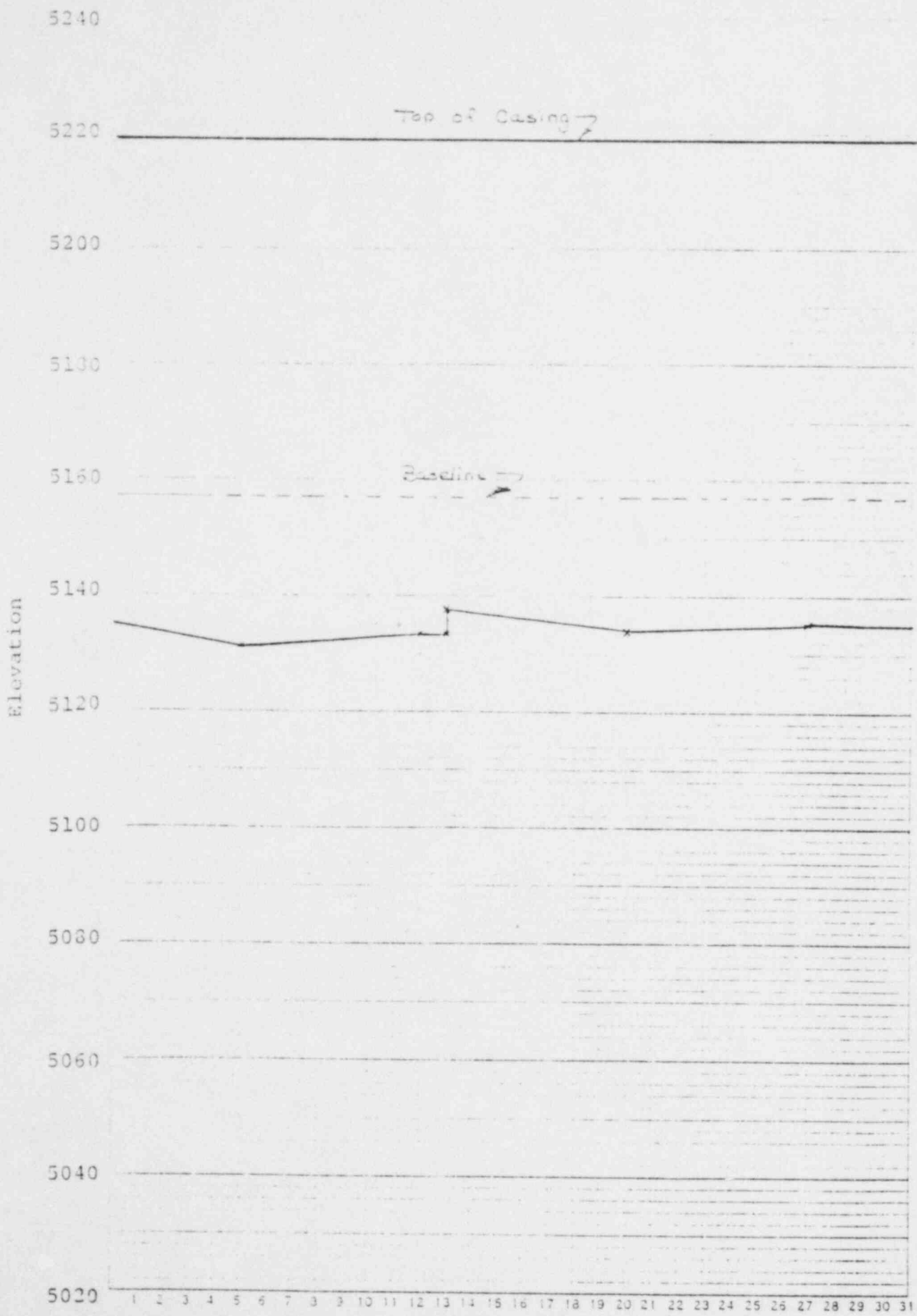
Elevation

Top of Casing →

Baseline →

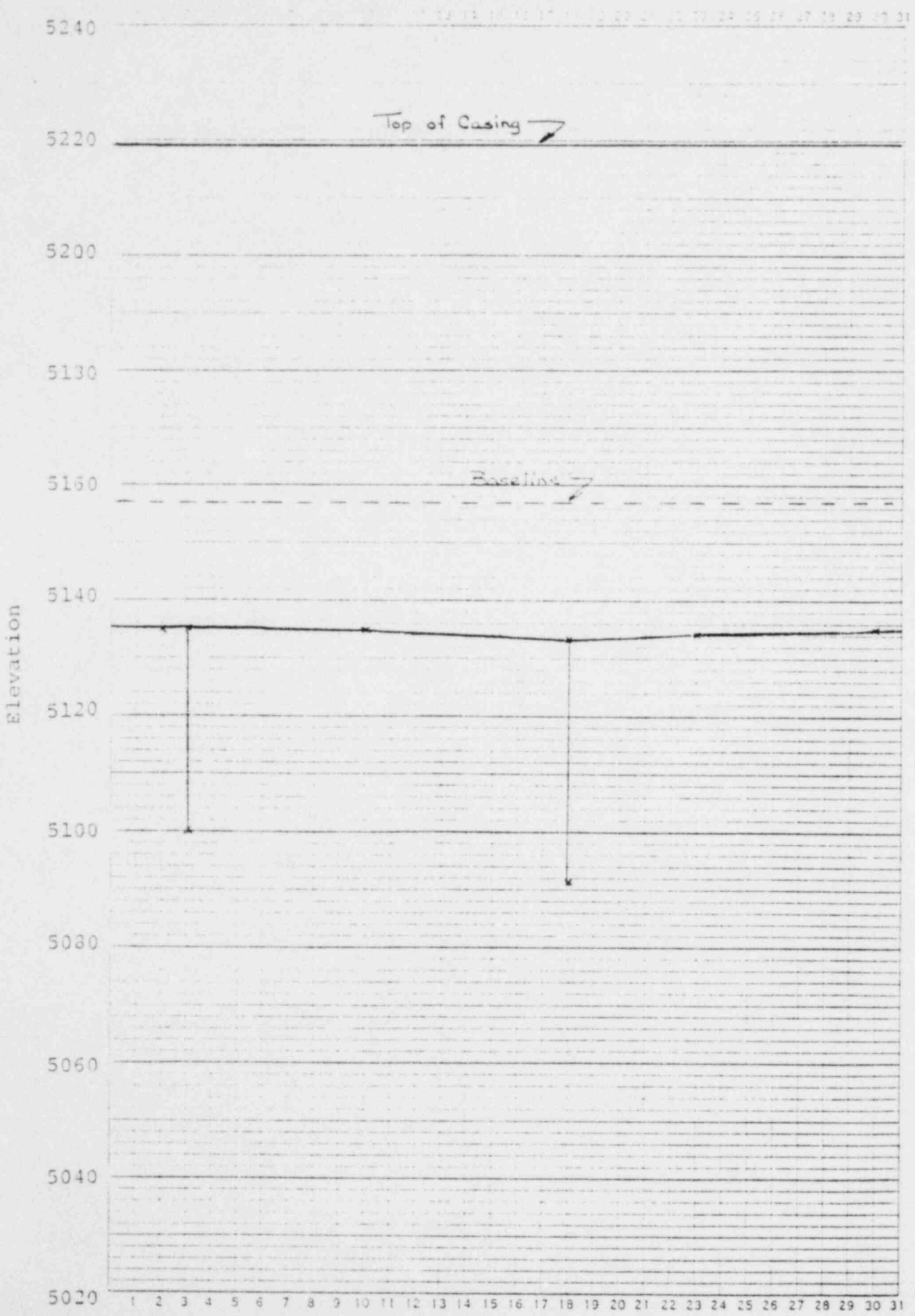
Days
MONTH OF APRIL 19 80

Well 305 (M)



MONTH OF MAY 1900

Well 305 (M)



Days
MONTH OF June 1980

WELL 307

Elev. of MP 5201.1

Aquifer Represented M

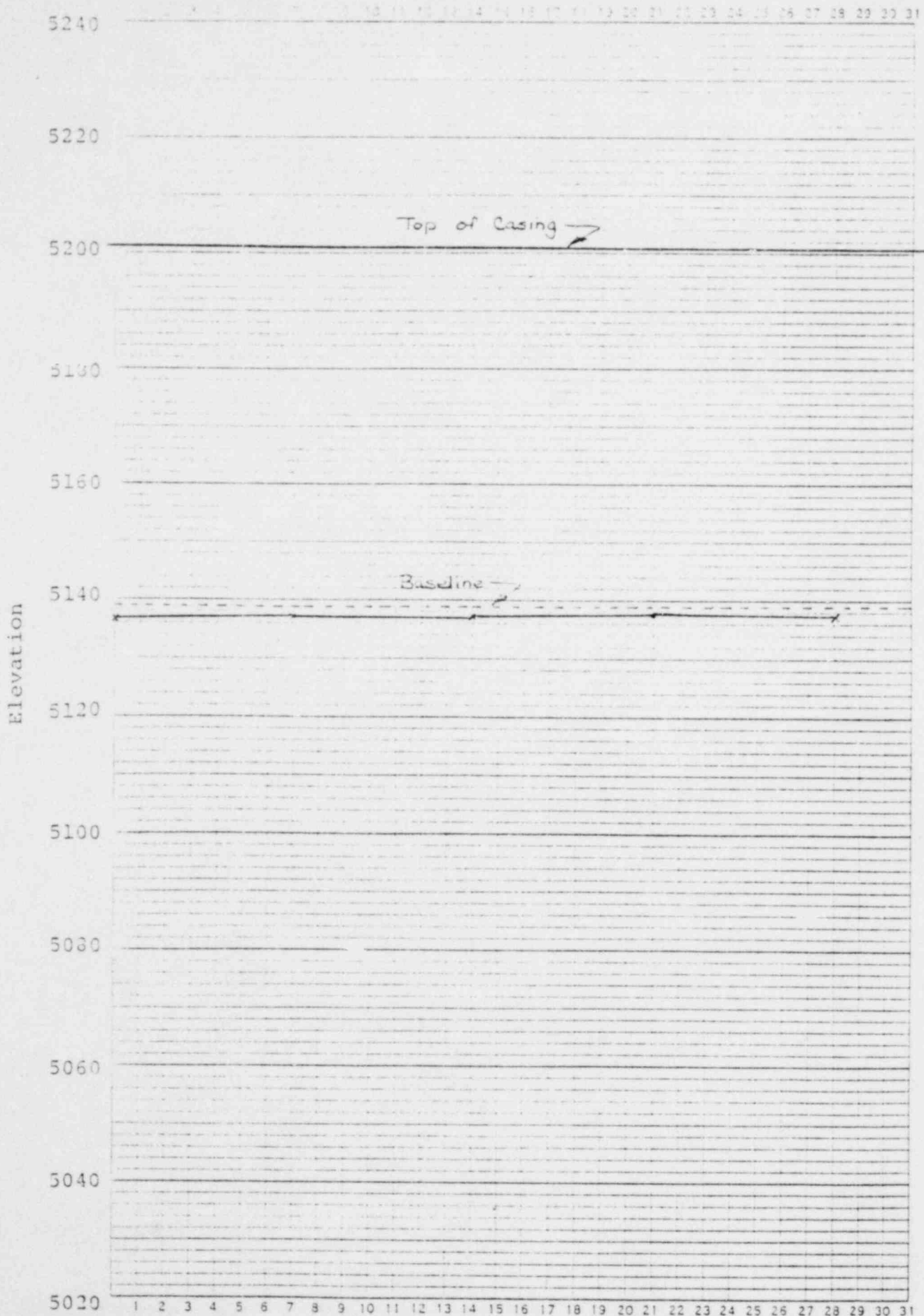
Case No. 534.81

TIME		SWL	
Date	Hour	Depth	Elev.
4-7-80	14:00	64.03	5137.07
4-14-80	14:00	64.04	5137.06
4-21-80	14:00	63.44	5137.66
4-28-80	14:00	63.55	5137.55
5-5-80	11:00	64.57	5136.53
5-12-80	3:00	64.25	5136.37
5-20-80	14:00	64.00	5136.12
5-27-80	13:00	64.51	5136.59
6-3-80	14:00	64.13	5134.37
6-10-80	7:00	64.24	5136.76
6-17-80	7:00	64.02	5135.08
6-24-80	13:00	64.23	5136.42
7-1-80	11:00	64.13	5136.92

TIME		SWL	
Date	Hour	Depth	Elev.

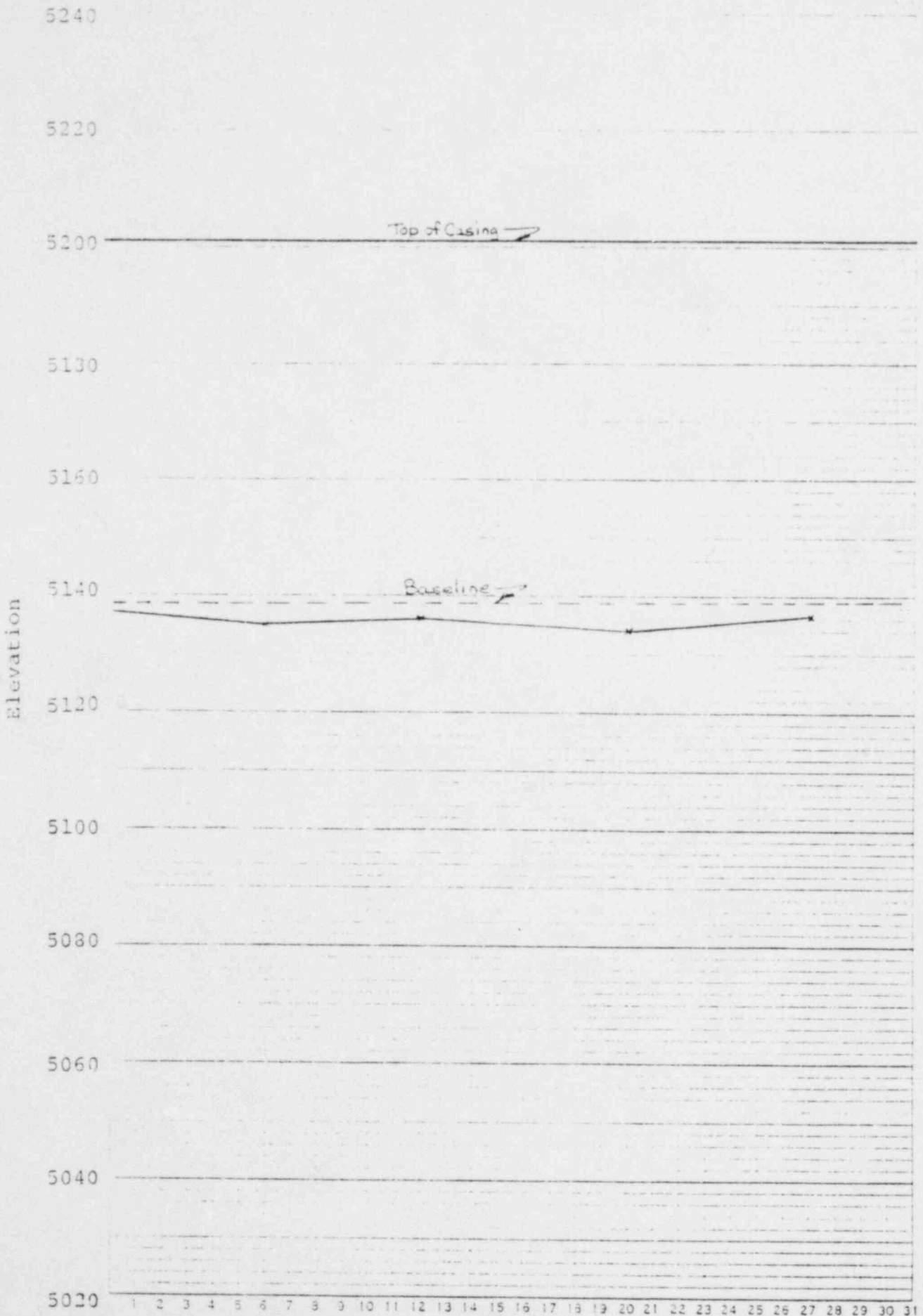
Remarks: 3 samples for lab.

Well 307 (M)



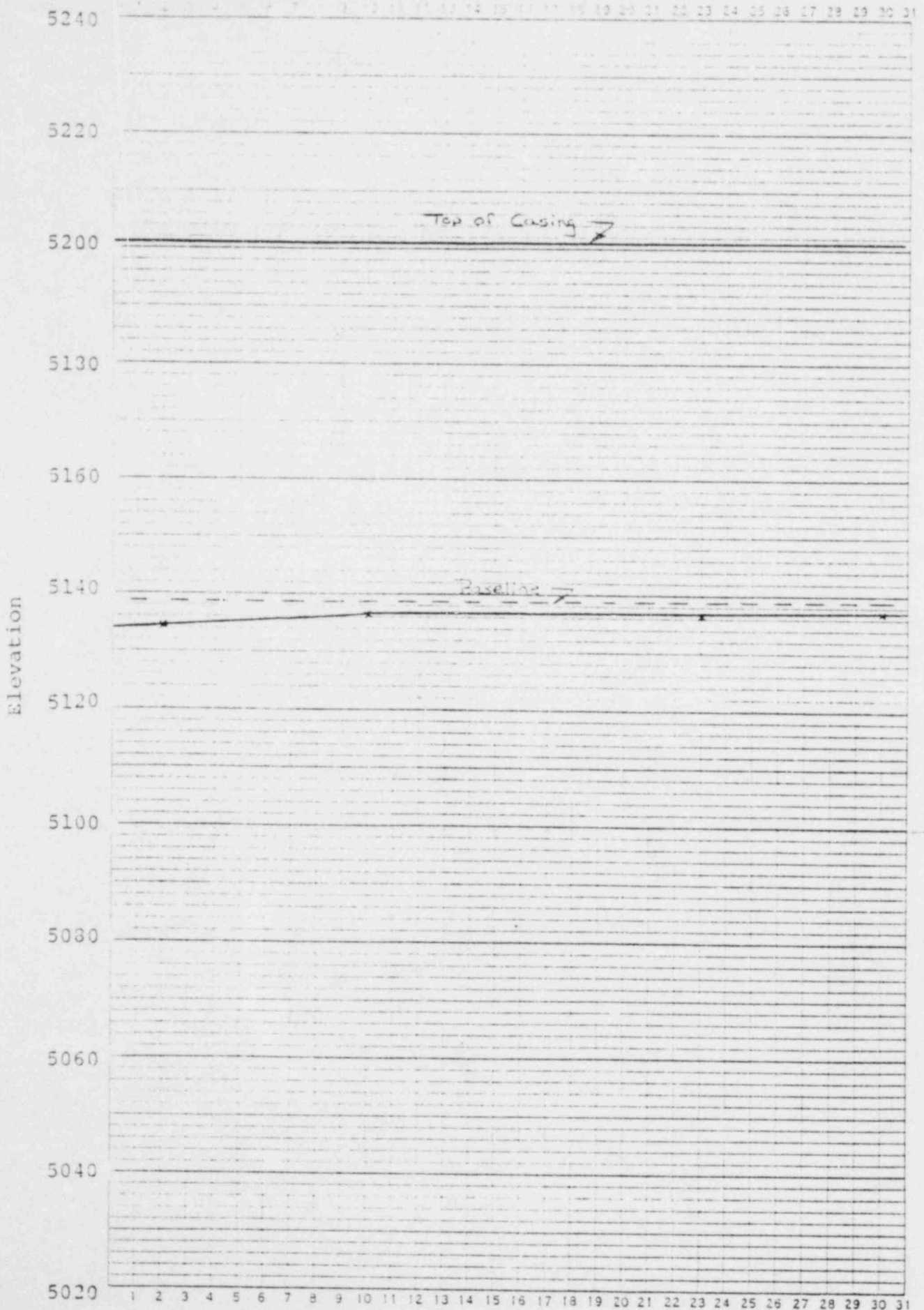
Days
MONTH OF April 1980

Well 307 (m)



Days
MONTH OF may 1980

Well 307 (M)



Days
MONTH OF June 1980

WELL 575

Elev. of MP 5213.20

Aquifer Represented M

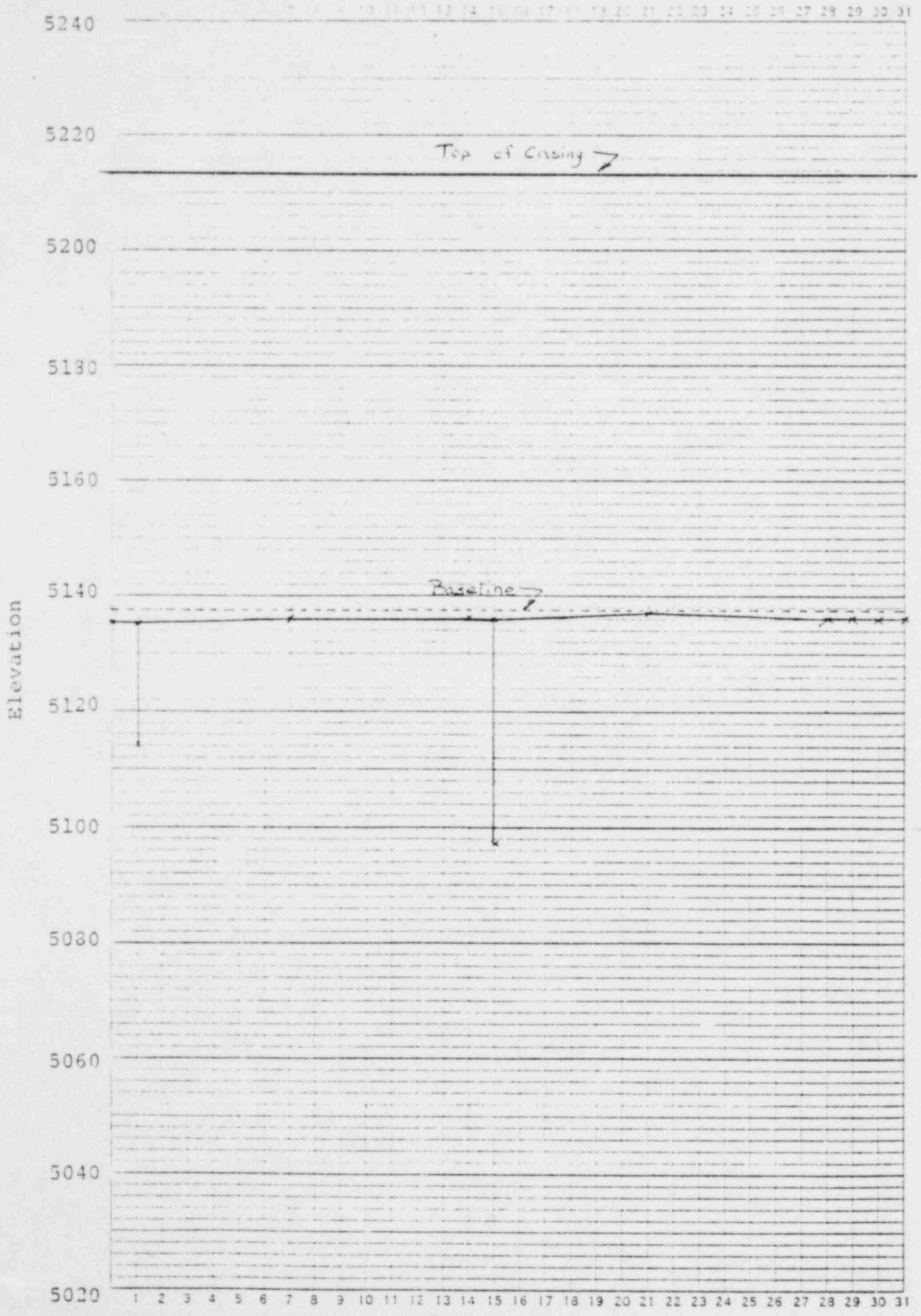
Baseline 5137.65

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	13:15	78.40	5134.80
①			
4-1-80	13:50	99.05	5114.15
4-7-80	14:00	77.26	5135.94
4-14-80	14:00	77.06	5136.14
4-15-80	12:45	77.25	5135.95
②			
4-15-80	12:50	116.07	5097.13
4-21-80	14:00	75.92	5137.28
4-29-80	14:00	77.61	5136.19
4-28-80	13:00	76.53	5136.37
4-29-80	14:00	77.00	5136.20
4-30-80	14:00	77.00	5136.20
5-1-80	11:00	77.10	5136.05
5-5-80	11:00	77.65	5135.55
5-12-80	12:00	77.55	5135.65
5-13-80	11:00	78.04	5135.16
5-19-80	13:00	78.38	5134.82
5-20-80	14:00	77.41	5135.79
5-27-80	13:00	78.06	5135.14
6-2-80	14:00	77.59	5135.61
6-3-80	14:00	78.00	5135.08

TIME		SWL	
Date	Hour	Depth	Elev.
		76.57	5118.61
4-9-80	12:00	77.90	5135.30
4-10-80	8:00	81.26	5133.14
4-15-80	14:30	77.31	5133.89
②			
4-15-80	2:10	37.45	5125.75
4-15-80	11:00	77.57	5135.83
4-15-80	11:00	77.57	5136.56

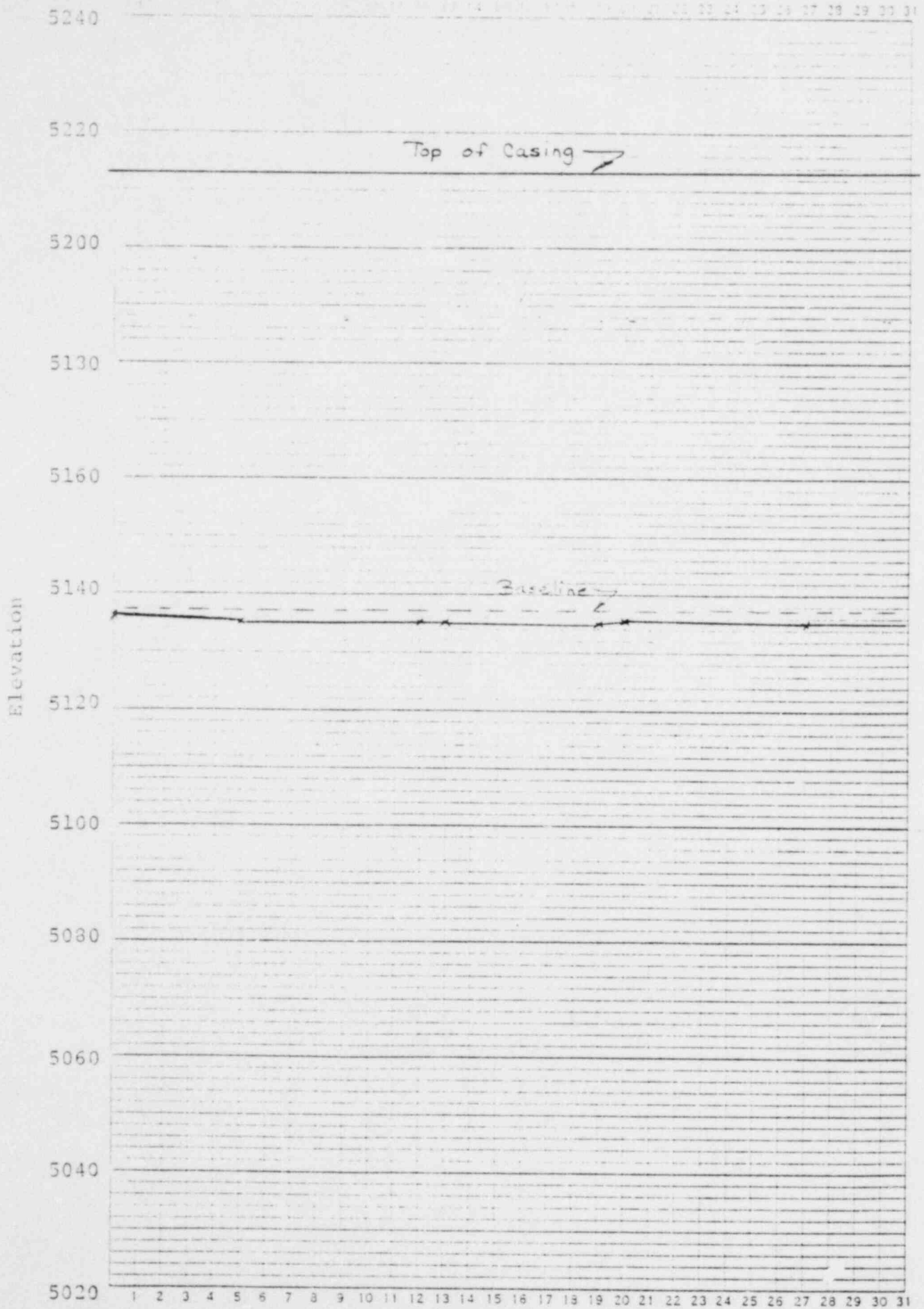
Remarks: ① drawdown after 30 min of pumping

Well 575 (M)



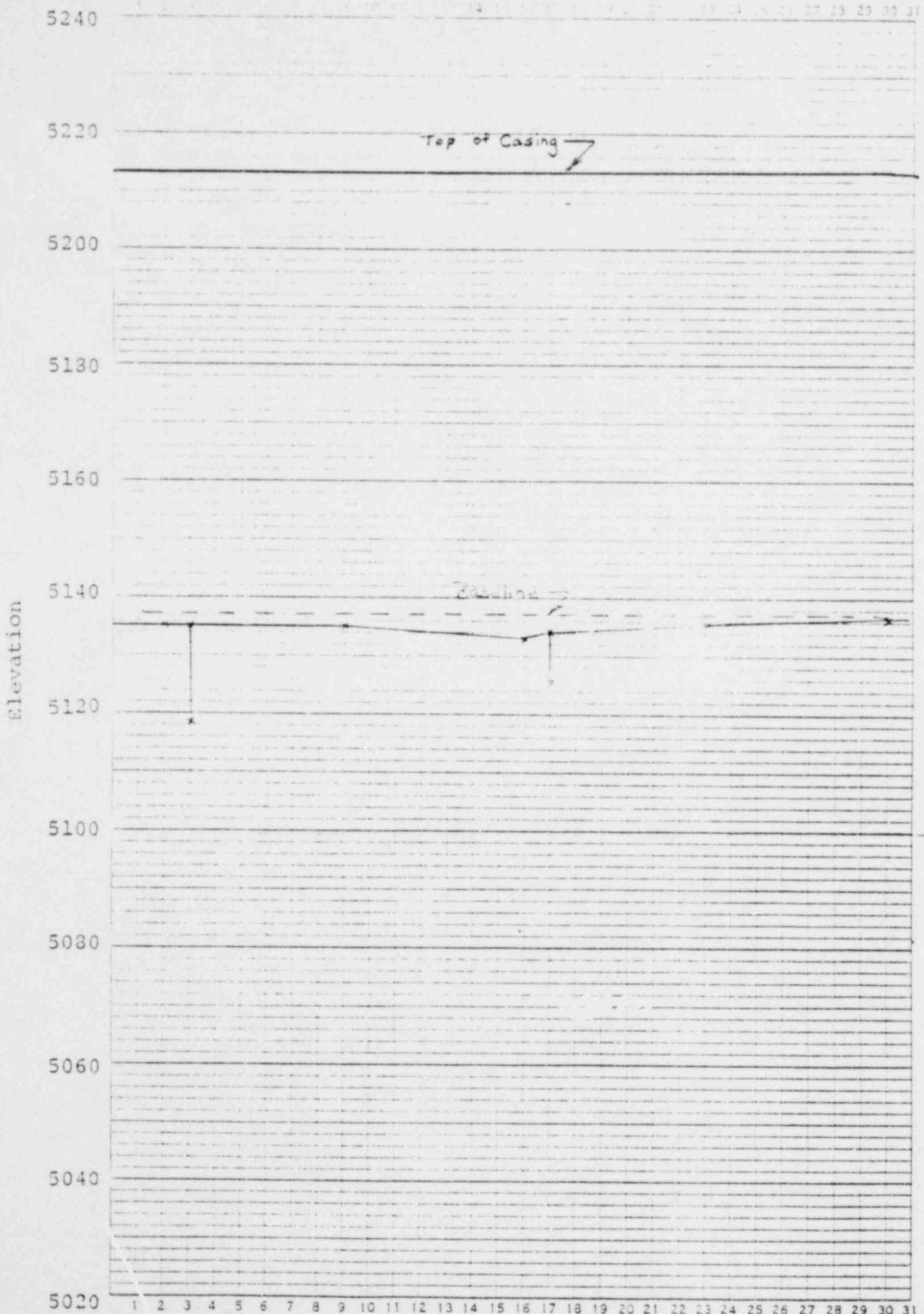
Days
MONTH OF APRIL 19 60

Well 575 (M)



Days
MONTH OF May 1980

Well 575 (M)



Days
MONTH OF June 1980

WELL 576

Elev. of MP 5196.30

Aquifer Represented M

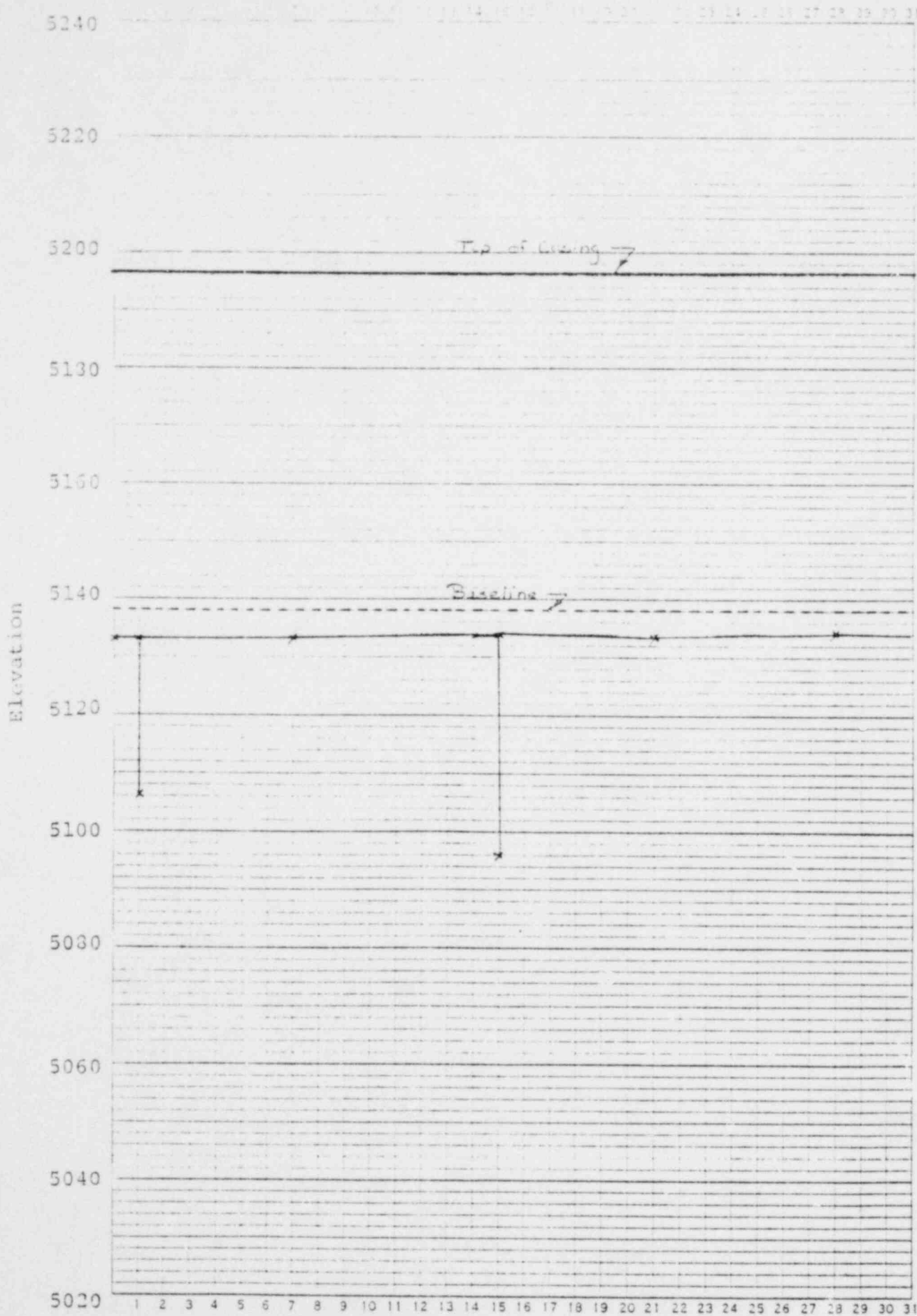
Baseline 5137.93

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	9:55	63.35	5132.95
4-1-80	10:34	89.50	5106.80
4-7-80	14:00	62.75	5133.55
4-14-80	11:00	62.43	5133.87
4-15-80	10:05	62.37	5133.93
4-15-80	10:30	80.35	5096.30
4-21-80	14:00	63.02	5133.28
4-28-80	14:00	62.37	5133.93
5-5-80	11:00	63.53	5132.77
5-12-80	12:10	63.04	5133.26
5-12-80	10:10	62.15	5134.15
5-13-80	10:40	99.20	5097.10
5-20-80	10:00	63.69	5132.61
5-27-80	13:00	63.76	5132.54
6-3-80	14:00	63.28	5133.02
6-8-80	10:00	62.04	5133.56
6-23-80	11:00	71.59	5124.71
6-10-80	0:10	61.35	5134.95
6-16-80	0:00	64.34	5131.96
6-17-80	14:20	65.72	5131.28

TIME		SWL	
Date	Hour	Depth	Elev.
6-18-80	15:00	61.17	5111.12
6-24-80	11:00	62.51	5133.19
6-30-80	11:00	61.09	5130.21

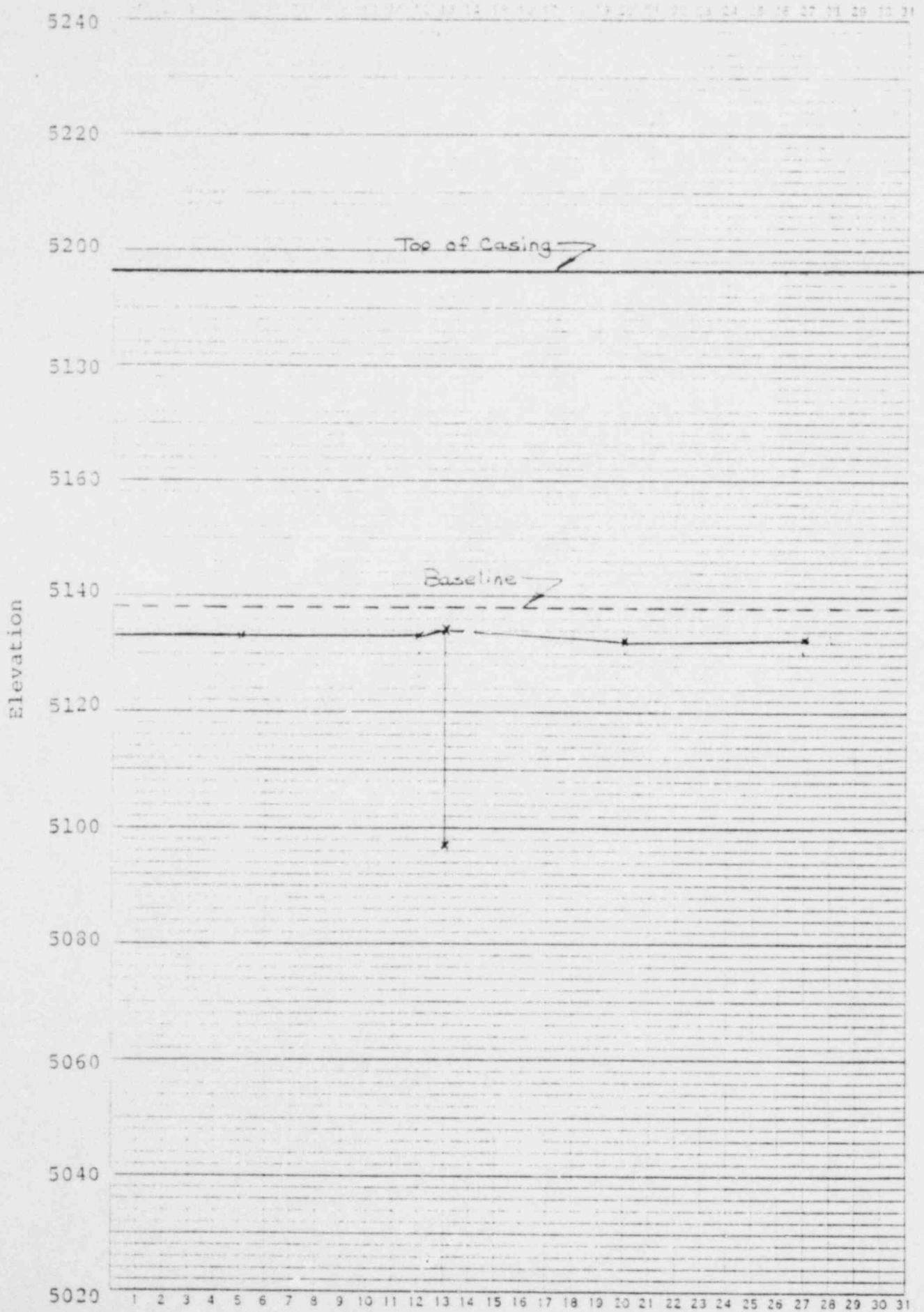
Remarks: ^(a) drawdown after approx. 30 min of pumping

Well 376 (M)



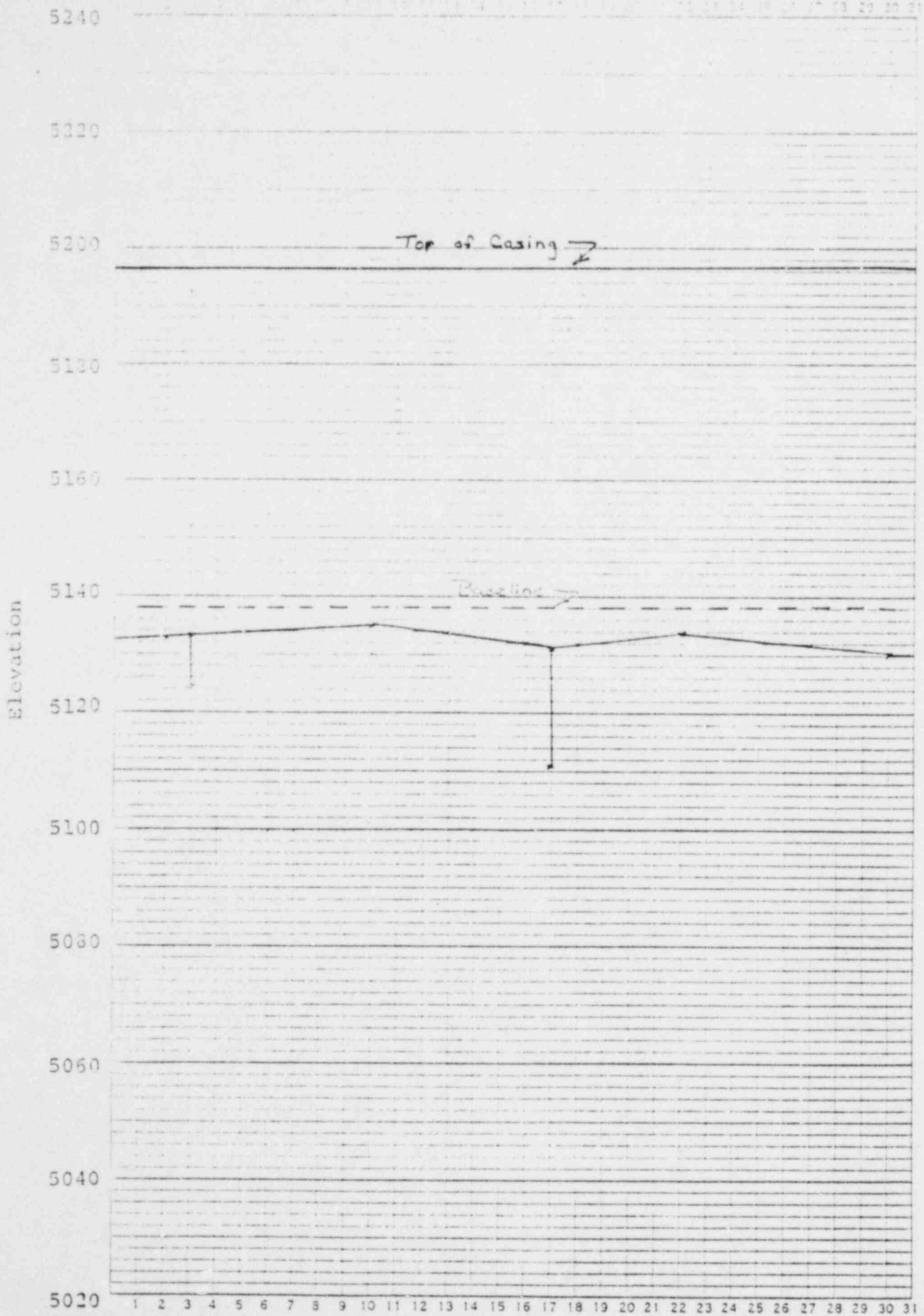
Days
MONTH OF APRIL 19 80

Well 576 (M)



MONTH OF May 19 80

Well 376 (M)



Days
MONTH OF June 19 20

WELL M-M-1

Elev. of MP 5201.0

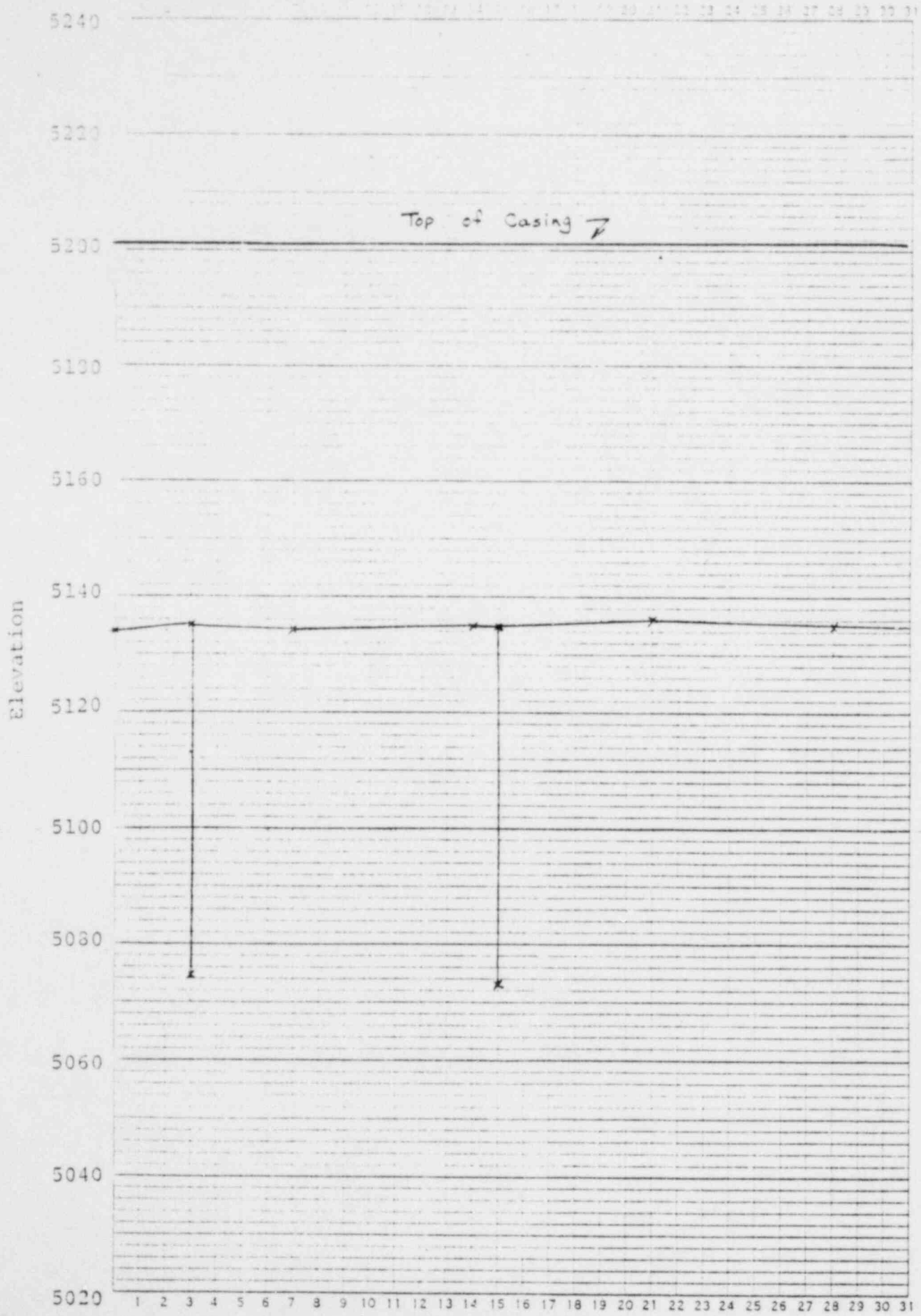
Aquifer Represented M

TIME		SWL	
Date	Hour	Depth	Elev.
4-3-80	10:40	66.20	5134.80
4-3-80	11:25	126.50	5074.52
4-7-80	14:00	66.27	5134.73
4-7-80	14:00	65.22	5135.84
4-15-80	14:48	66.28	5134.72
4-15-80	15:20	127.04	5072.98
4-21-80	14:00	65.00	5136.00
4-28-80	15:00	65.50	5135.20
5-5-80	11:00	67.00	5134.00
5-12-80	13:00	66.75	5134.25
5-18-80	12:00	66.00	5134.00
5-24-80	10:00	105.00	5077.21
5-30-80	10:00	66.50	5134.50
6-7-80	13:00	66.43	5134.57
6-12-80	14:00	65.91	5135.09
6-18-80	13:00	66.11	5134.89
6-23-80	9:25	23.21	5117.68
6-30-80	9:00	66.16	5134.84
7-6-80	6:10	67.33	5133.12
7-13-80	11:00	66.75	5134.25

TIME		SWL	
Date	Hour	Depth	Elev.
4-3-80	10:40	66.20	5110.32
4-3-80	11:25	126.50	5135.11
4-7-80	14:00	66.27	5145.08
4-7-80	14:00	65.22	
4-15-80	14:48	66.28	
4-15-80	15:20	127.04	
4-21-80	14:00	65.00	
4-28-80	15:00	65.50	
5-5-80	11:00	67.00	
5-12-80	13:00	66.75	
5-18-80	12:00	66.00	
5-24-80	10:00	105.00	
5-30-80	10:00	66.50	
6-7-80	13:00	66.43	
6-12-80	14:00	65.91	
6-18-80	13:00	66.11	
6-23-80	9:25	23.21	
6-30-80	9:00	66.16	
7-6-80	6:10	67.33	
7-13-80	11:00	66.75	

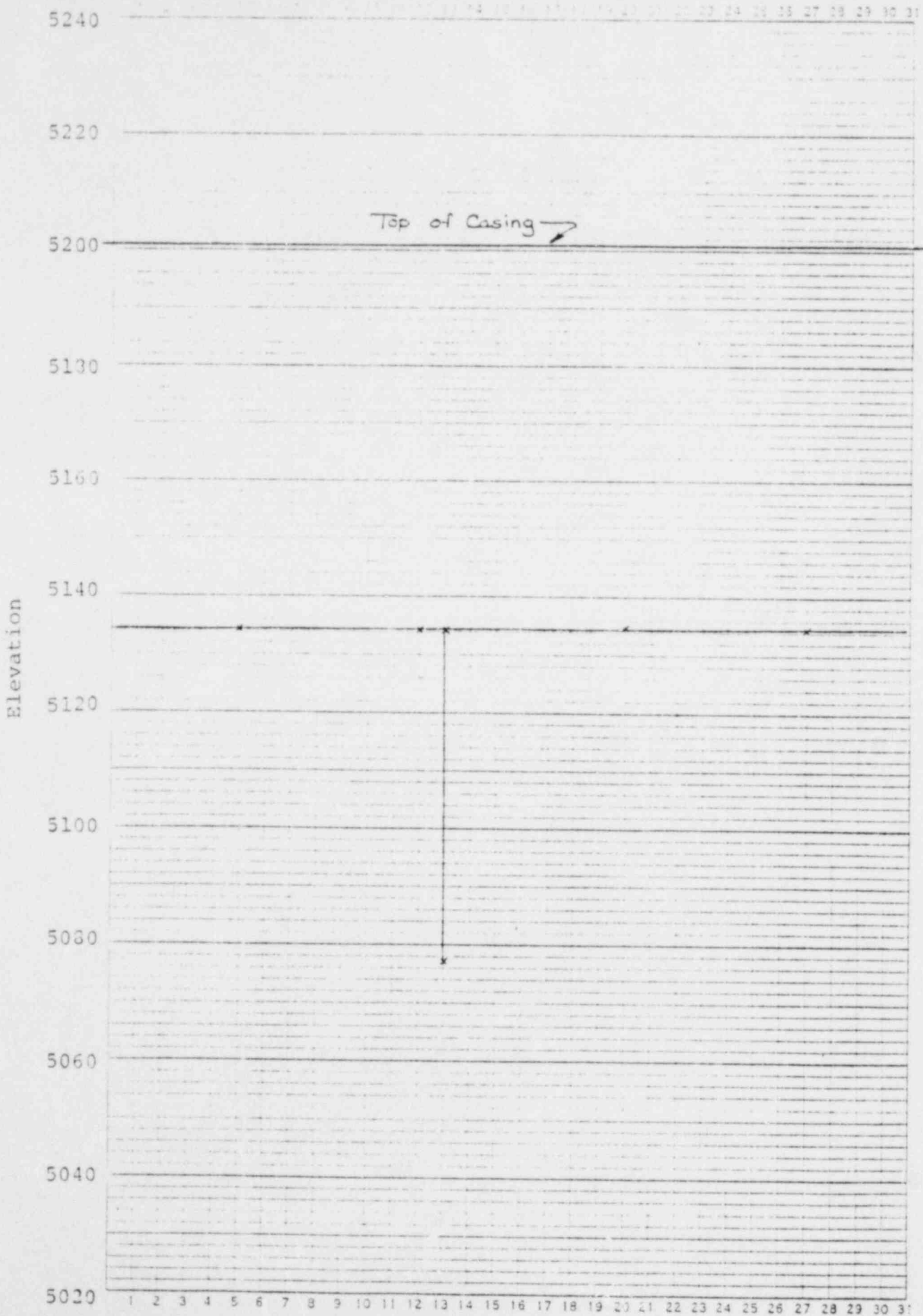
Remarks: @ down down with pump & 24 hrs 30 min

Well M-M-1



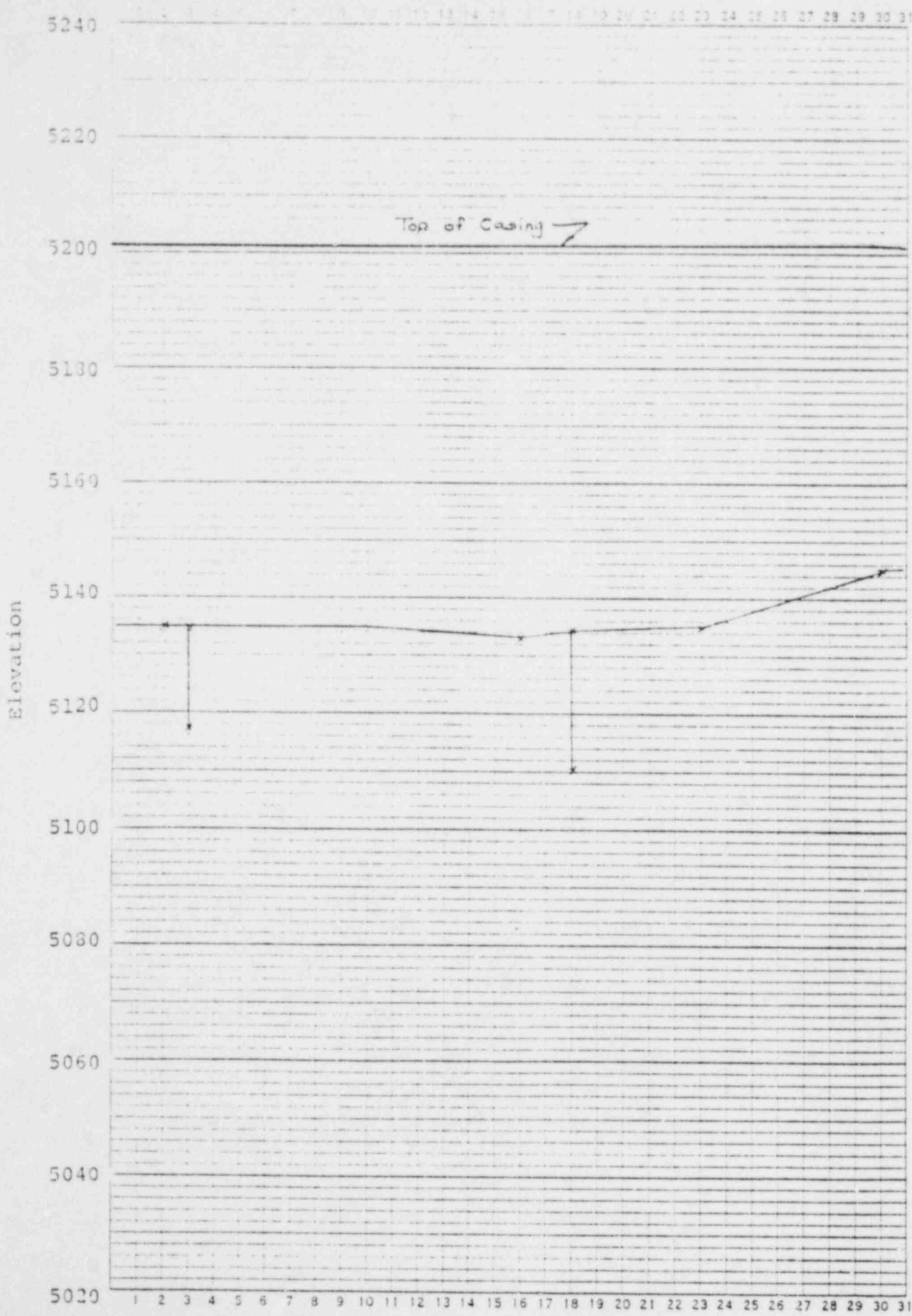
Days
MONTH OF APRIL 1960

Well M-M-1 (M)



MONTH OF May 1920

Well M.M.1 (M)



Days
MONTH OF June 1980

WELL M-M-2

Elev. of MP 5212.20

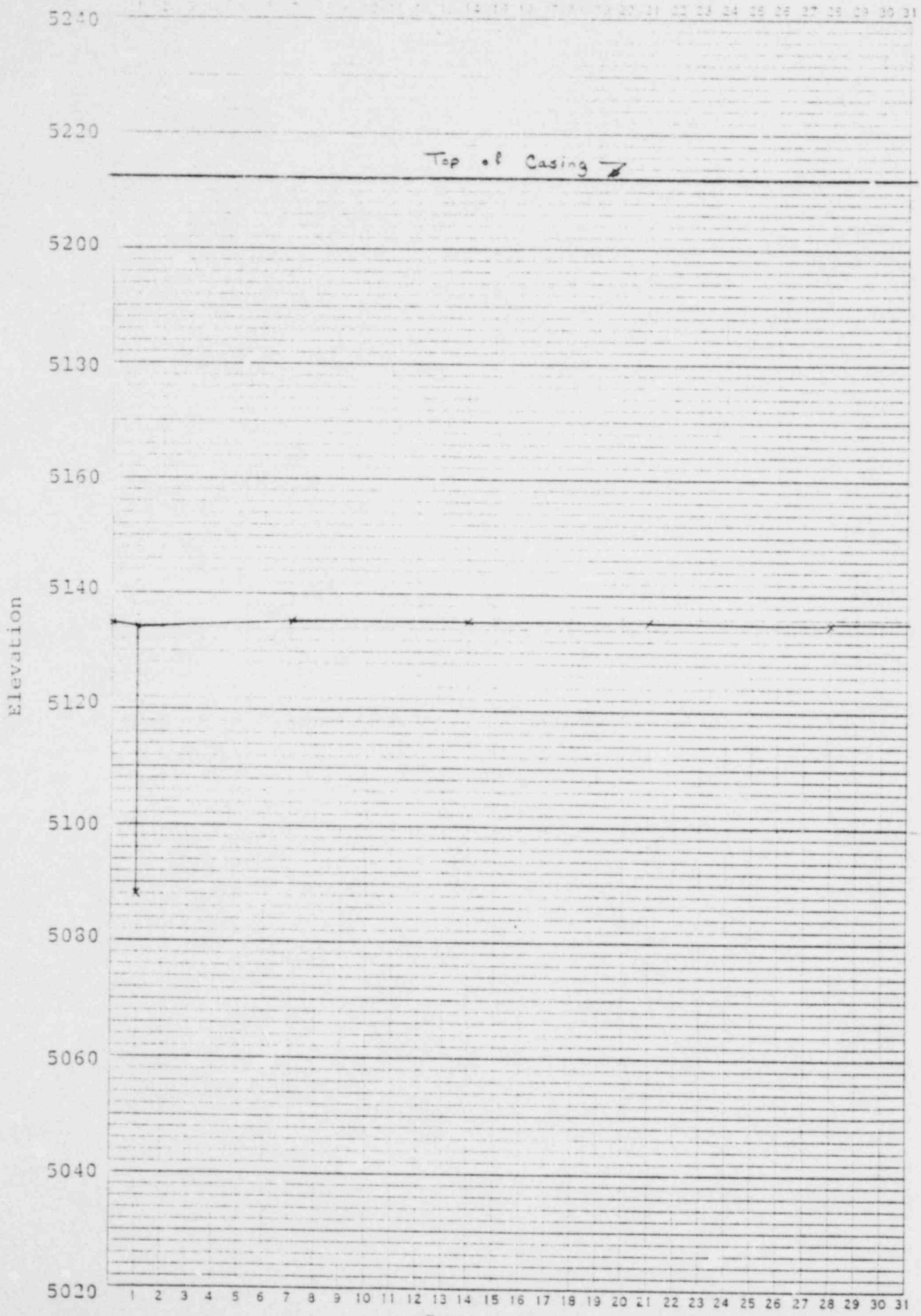
Aquifer Represented M

TIME		SWL	
Date	Hour	Depth	Elev.
4-1-80	14:10	78.19	5134.01
4-1-80	14:40	124.07	5088.13
4-7-80	14:00	76.76	5135.44
4-14-80	14:00	76.87	5135.33
4-21-80	14:00	76.65	5135.55
4-28-80	14:00	76.90	5135.30
5-5-80	11:00	76.98	5135.22
5-12-80	13:00	77.04	5135.16
5-13-80	13:15	78.00	5134.20
5-19-80	13:00	77.67	5134.53
5-20-80	14:00	77.19	5135.01
5-27-80	13:00	77.15	5135.05
6-2-80	14:00	77.19	5135.01
6-3-80	13:50	77.19	5134.71
6-3-80	13:30	99.46	5112.34
6-9-80	13:00	77.5	5135.05
6-16-80	13:00	79.27	5132.86
6-18-80	14:00	79.40	5132.98
6-25-80	14:00	90.84	5121.66
7-2-80	14:00	87.70	5131.24

TIME		SWL	
Date	Hour	Depth	Elev.
10-1-80	11:00	74.07	5134.93

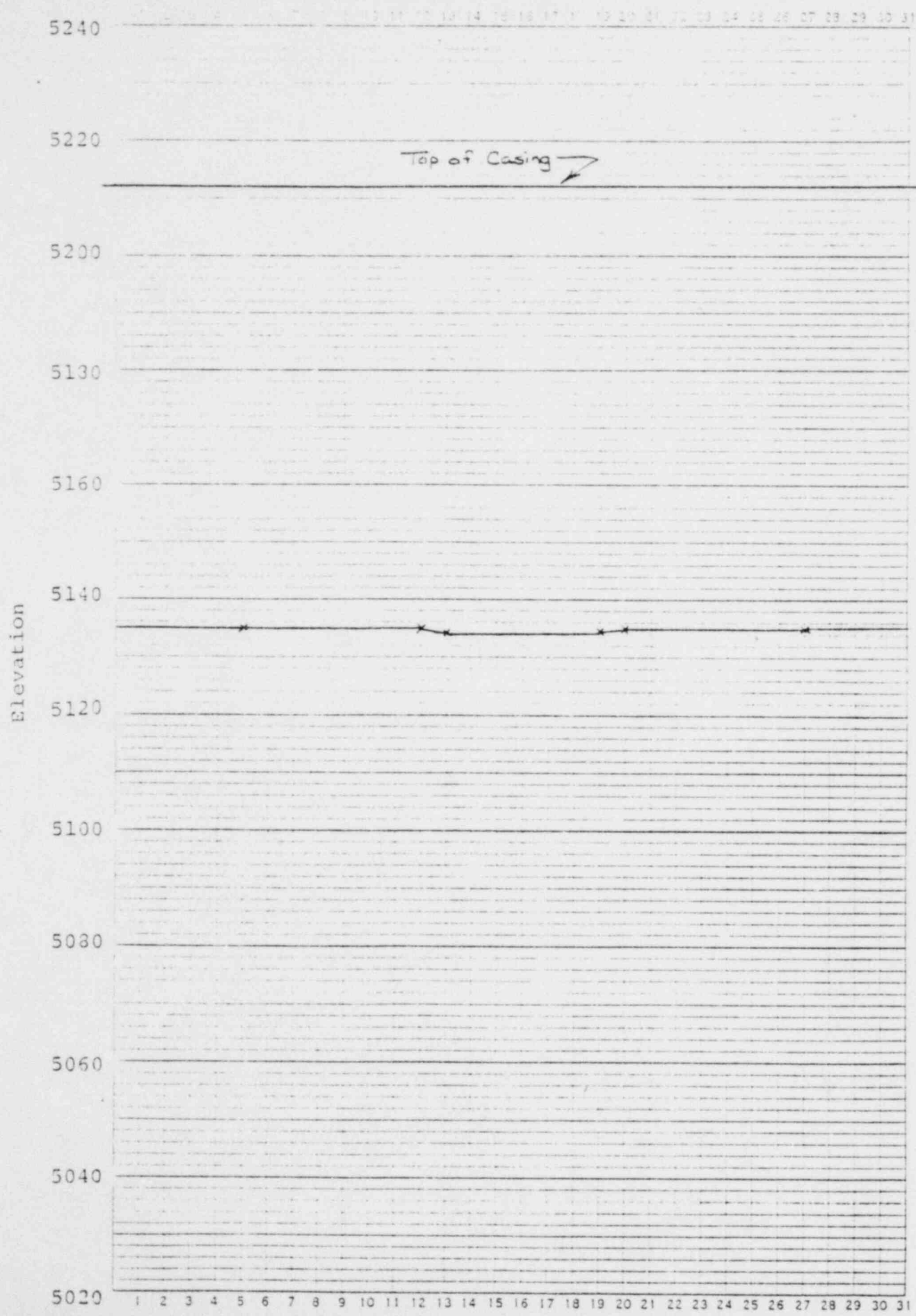
Remarks: ① DEMONSTRATION WITH PUMPING AT APPROX 30 GAL.

Well M-M-2 (M)



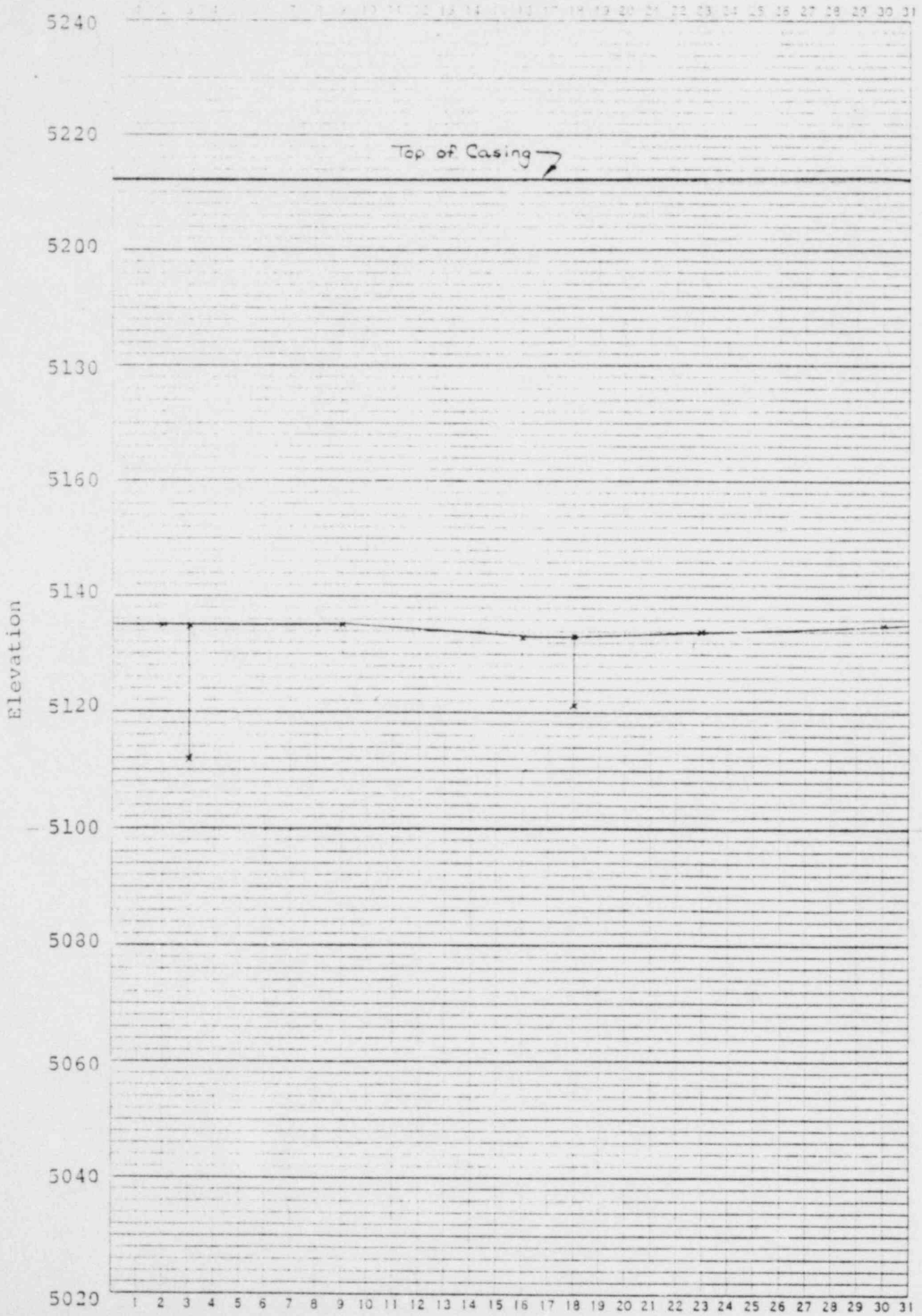
Days
MONTH OF APRIL 1980

Well M-M-2 (M)



Days
MONTH OF May 1980

Well M-M-2 (M)



MONTH OF June 1980

WELL 314

Elev. of MP 5201.2 (correct elevation as of 5-1-80)

Aquifer Represented Basal

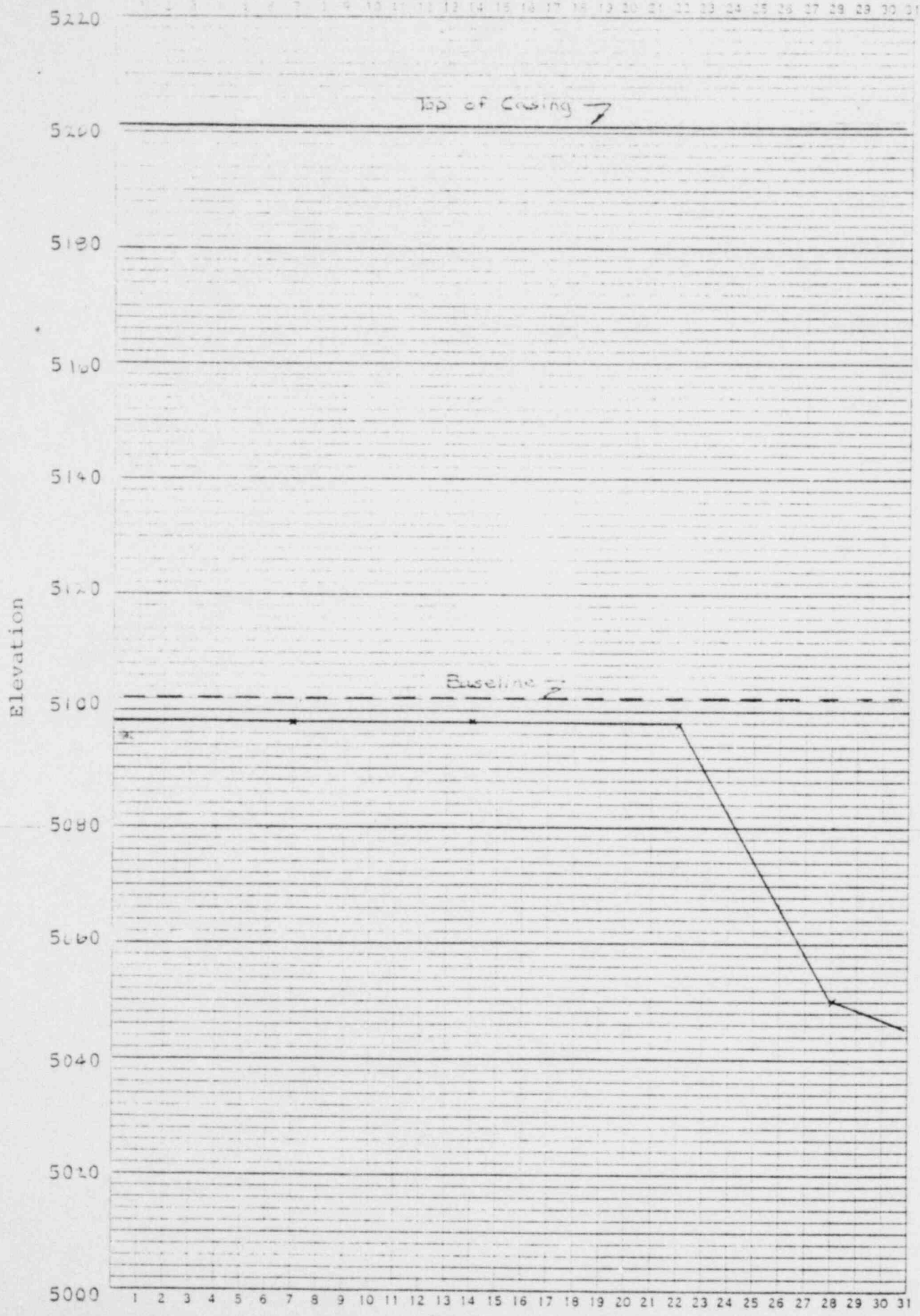
Corrected readings as of 4-1-80, 5-02-75

TIME		SWL	
Date	Hour	Depth	Elev.
4-7-80	14:00	103.10	5098.10
4-14-80	14:00	103.23	5097.97
4-23-80	9:00	103.35	5097.85
Well being pumped.			
4-27-80	13:00	150.85	5050.35
5-5-80	11:00	166.42	5034.78
5-28-80	12:00	181.29	5019.91
6-1-80	12:00	187.24	5013.96
5-27-80	13:00	124.46	5012.74
6-3-80	14:00	121.42	5014.78
6-10-80	14:00	127.87	5013.68
6-17-80	14:00	124.15	5012.75
6-24-80	14:00	120.10	5011.59

TIME		SWL	
Date	Hour	Depth	Elev.

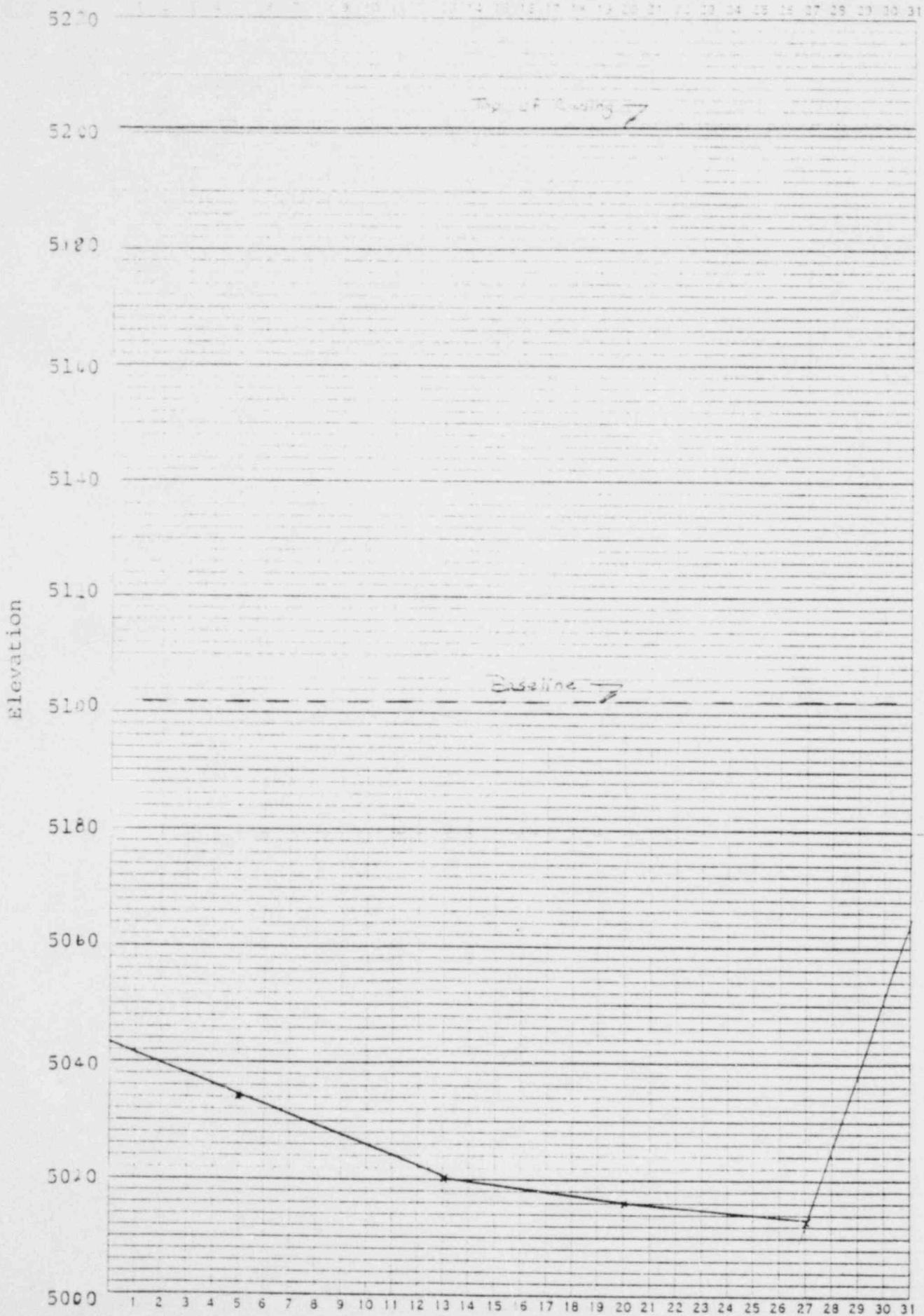
Remarks: because this is our fresh water well for our building, the well maybe pumping at any time which would cause differences in water level. we are pumping water from this well for teton pond.

Well 314 (Basil)



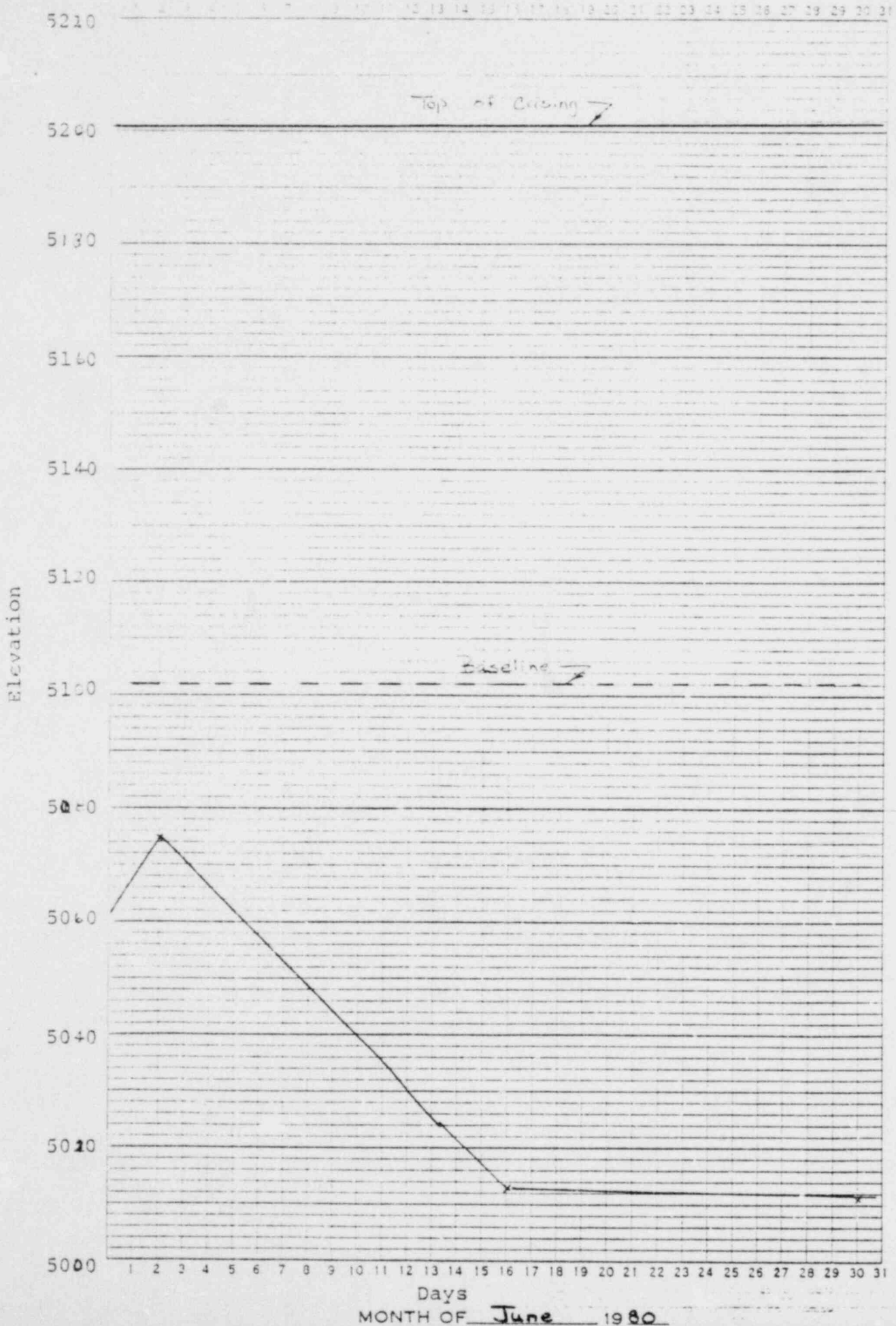
Days
MONTH OF April 19 80

Well 314 (Basil)



Days
MONTH OF May 1980

Well 314 (Basil)



MONTH OF June 1980

APPENDIX E
Barometric Pressure