TABLE 1.3.1

WELL FIELD FLOW

DATE	GALLONS PER DAY					
OCT.	M-1	M-R	M-BLEED	N-1	N-R	N-BLEED
1						
2						
3						
4						
5						
6	490,550	504,900	14,350	0	194,840	194,840
7						
8						
9						
10						
11						
12						
13						
14	703,440	670,210	33,230	0	268,680	268,860
15						
16						
17						
18						
19						
20	457,800	431,810	25,990	0	213,440	213,440
21						
22						
23						
24						
25						
26						
27	627,910	593,490	34,420	0	284,820	284,820
28						
29						
30						

TABLE 1,3.1

Continued

WELL FIELD FLOW

DATE	GALLONS PER DAY					
NOV.	M-1	M-R	M-BLEED	N-1	N-R	N-BLEED
1						
2						
3	636,160	605,820	30,340	0	297,280	297,280
4						
5						
6						
7						
8						
9						
10	631,800	613,800	18,590	0	128,980	128,980
11						
12						
13						
14						
15						
16						
17	661,230	645,540	15,690			
18						
19						
20						
21						
22						
23						
24	685,580	677,640	7,940			
25						
26						
27						
28						
29						
30						

TABLE 1.3.1

Continued

WELL FIELD FLOW

DATE	GALLONS PER DAY					
DEC.	M-1	M-R	M-BLEED	N-1	N-R	N-BLEED
1	677,821	662,370	15,451			
2						
3						
4						
5						
6						
7						
8	665,009	635,940	29,069			
9						
10						
11						
12						
13						
14						
15	670,640	652,930	17,710			
16						
17						
18						
19						
20						
21						
22	677,980	660,110	17,870			
23						
24						
25						
26						
27						
28						
29	679,800	658,650	21.150			
30						

TABLE 1.5.2

NORTH SOLAR EVAPORATION POND

CHEMICAL CONSTITIUENTS

Date	10-14-80	10-27-80	10-31-80	11-21-80	12-3-80	12-16-80	12-29-80
Calcium (ppm)	42	108	62	30	37	42	34
Chloride (ppm)	1580	508	1100	605	590	665	620
Alkinity (as ppm $CaCO_3$)	680	512	576	520	500	520	520
Sodium (ppm)	1561	1440	948	620	1121	660	770
Sulfate (ppm)	390	328	-	356	359	368	325
Selenium (ppm)	0.206	0.093	0.21	0.144	0.154	0.165	0.103
Arsenic (ppm)	<0.005	0.008	0.016	<0.005	<.005	<.005	.007
Total Dissolved Solids (ppm)	3896	1673	2845	2049	2054	2070	2070
Radium (pci/l)	18.1 ± 2.6	736 ± 11	208 ± 8	192 ± 6			
Gross Alpha	99 ± 3	3832 ± 311	275 ± 10	385 ± 10	Analysis for these not complete at this time		
Gross Beta	408 ± 13	682 ± 124	277 ± 11	408 ± 11			
Uranium (ppm)	10.1	-	9.1	6.5	5.9	6.3	6.3

TABLE 1.5.3

SOUTH SOLAR EVAPORATION POND

CHEMICAL CONSTITIUENTS

Date	10-14-80	10-27-80	10-31-80	11-21-80	12-3-80	12-16-80	12-29-80
Calcium (ppm)	40	46	44	37	33		
Chloride (ppm)	106	107	110	440	450		
Alkinity (as ppm $CaCO_3$)	482	500	516	420	460		
Sodium (ppm)	342	1000	314	420	800	no water in pond	no water in pond
Sulfate (ppm)	326	320	-	299	319		
Selenium (ppm)	0.008	.178	0.42	0.137	0.149		
Arsenic (ppm)	<0.005	.010	.010	<0.005	<0.005		
Total Dissolved Solids (ppm)	1160	1165	1156	1590	1635		
Radium (pci/l)	188 ± 8	372 ± 8	137 ± 7	131 ± 5	Analysis not complete at this time		
Gross Alpha	213 ± 9	2275 ± 132	183 ± 8	295 ± 8			
Gross Beta	757 ± 16	483 ± 45	134 ± 7	277 ± 9			
Uranium (ppm)	3.8	-	3.5	5.1	4.9		

TABLE 1.5.4
NORTH SOLAR EVAPORATION POND

CHEMICAL CONSTITIUENTS

Date	7-8-80	7-23-80	8-7-80	8-21-80	9-3-80	9-16-80	9-29-80
Radium pci/L	417 ± 9	202 ± 5	313 ± 10	185 ± 5	165 ± 15	1245 ± 3.87	93.4 ± 8.11
Gross Alpha	4858 ± 554	6101 ± 428	5618 ± 594	5222 ± 577	4700 ± 200	6362 ± 467	5207 ± 403
Gross Beta	1512 ± 232	1582 ± 176	2970 ± 301	4408 ± 352	1800 ± 200	3231 ± 214	1161 ± 152

TABLE 1.5.5
SOUTH SOLAR EVAPORATION POND

CHEMICAL CONSTITIUENTS

Date	7-8-80	7-23-80	8-7-80	8-21-80	9-3-80	9-16-80	9-29-80
Radium	22 ± 2.2	3.65 ± 0.77	7.55 ± 0.70	18.3 ± 1.6	189 ± 15	351.8 ± 6.54	36.4 ± 15.7
Alpha	2098 ± 187	1879 ± 124	2363 ± 195	1866 ± 170	1500 ± 100	2051 ± 125	2023 ± 124
Beta	553 ± 68	1072 ± 63	1054 ± 94	907 ± 82	660 ± 40	497 ± 45	358 ± 40

APPENDIX A

TETON-NEDCO MONITOR
WELLS QUARTERLY ANALYSIS

WATER QUALITY
4th Quater Report 1980

(Chemical units in mg/L except as noted)

Well Name	570	304	309	313	319	320
Date Sampled	10-7-80	10-7-80	10-8-80	10-6-80	10-7-80	10-6-80
Alkalinity ppm as $CaCO_3$	192	192	180	162	156	162
pH (Units)	7.3	7.3	8.0	7.5	7.3	7.4
Conductivity (umhos/cm)	700	895	760	715	685	680
Ammonia (NH_3 as N)	ND	ND	ND	ND	ND	ND
Total NO_2/NO_3 (as N)	1.005	.102	0.1	ND	ND	ND
Bicarbonate (HCO_3)	234	234	220	198	190	198
Carbonate (CO_3)	0	0	0	0	0	0
Calcium (Ca)	114	131	100	90	88	87
Chloride (Cl)	6	4	18	4	3	4
Boron (B)	<.001	<.001	<.001	<.001	<.001	<.001
Fluoride (F)	.58	.55	.67	.45	.44	.46
Magnesium (Mg)	23	27	26	28	24	24
Potassium (K)	9.3	9.4	8.8	9.6	9.4	8.7
Sodium (Na)	33	34	42	37	35	36
Sulfate (SO_4)	314	359	247	267	253	250
Aluminum (Al)	<.05	<.05	.57	<.05	.23	<.05
Arsenic (As)	<.005	<.005	<.005	<.005	<.005	<.005
Barium (Ba)	<.1	<.1	<.1	<.1	<.1	.1
Cadmium (Cd)	<.01	<.01	<.01	<.01	<.01	<.01
Chromium (Cr)	<.05	<.05	<.05	<.05	<.05	<.05
Copper (Cu)	<.05	<.05	<.05	<.05	<.05	<.05
Iron (Fe)	1.40	.02	7.00	.83	.75	.63
Lead (Pb)	<.05	<.05	<.05	<.05	<.05	<.05
Manganese (Mn)	.051	<.05	.082	.072	.072	.072
Mercury (Hg)	<.25	<.25	<.25	<.25	<.25	<.25
Molybdenum (Mo)	<.05	<.05	<.05	<.10	<.05	<.05
Nickel (Ni)	<.05	<.05	<.05	<.05	<.05	<.05
Radium 226 (Ra) pCi/l	$1.9 \pm .8$	0.9 ± 0.6	25 ± 3	2.8 ± 1.0	377 ± 11	3.8 ± 1.1
Selenium (Se)	<.005	<.005	<.005	<.005	<.005	<.005
Thorium 230 (Th) pCi/l	1.0 ± 0.6	0.7 ± 0.6	2.2 ± 1.0	1.1 ± 0.7	16 ± 2	2.0 ± 0.9
Uranium (U)	<.1	<.1	.90	<.1	<.1	<.1
Vanadium (V)	<.10	<.10	<.10	<.10	<.10	<.10
Zinc (Zn)	<.05	<.05	<.05	<.05	<.05	<.05
TDS	684	752	611	560	568	538

WATER QUALITY
4th Quater Report 1980

(Chemical units in mg/L except as noted)

Well Name	NM1	305	575	576	MM1	MM2
Date Sampled	10-6-80	10-6-80	10-6-80	10-6-80	10-6-80	10-6-80
Alkalinity ppm as $CaCO_3$	176	182	158	183	184	180
pH (Units)	7.5	7.5	7.5	7.5	7.7	7.5
Conductivity (umhos/cm)	700	495	505	490	500	490
Ammonia (NH_3 as N)	ND	ND	ND	ND	ND	ND
Total NO_2/NO_3 (as N)	ND	ND	ND	ND	ND	.5
Bicarbonate (HCO_3)	215	222	193	222	224	220
Carbonate (CO_3)	0	0	0	0	0	0
Calcium (Ca)	90	61	57	59	58	59
Chloride (Cl)	3	6	9	7	7	7
Boron (B)	<.001	<.001	<.001	<.001	<.001	<.001
Fluoride (F)	.42	.46	.48	.48	.47	.48
Magnesium (Mg)	27	12	18	16	19	18
Potassium (K)	9.4	7.7	8.0	7.4	7.4	7.0
Sodium (Na)	37	28	27	26	28	28
Sulfate (SO_4)	268	103	104	102	105	97
Aluminum (Al)	<.05	<.05	<.05	<.05	.11	<.05
Arsenic (As)	<.005	<.005	<.005	<.005	<.005	.020
Barium (Ba)	<.1	<.1	<.1	<.1	<.1	<.1
Cadmium (Cd)	<.01	<.01	<.01	<.01	<.01	<.01
Chromium (Cr)	<.05	<.05	<.05	<.05	<.05	<.05
Copper (Cu)	<.05	<.05	<.05	<.05	<.05	<.05
Iron (Fe)	.61	.79	.23	.11	.44	.27
Lead (Pb)	<.05	<.05	<.05	<.05	<.05	<.05
Manganese (Mn)	.072	<.05	.072	<.05	<.05	<.05
Mercury (Hg)	<.25	<.25	<.25	<.25	<.25	<.25
Molybdenum (Mo)	<.05	<.05	.12	<.05	<.05	<.05
Nickel (Ni)	<.05	<.05	<.05	<.05	<.05	<.05
Radium 226 (Ra) pCi/l	1.0 ± 0.6	5.1 ± 1.3	3.9 ± 1.2	18.5 ± 2.5	7.6 ± 1.6	2.3 ± 0.9
Selenium (Se)	<.005	<.005	<.005	<.005	<.005	<.005
Thorium 230 (Th) pCi/l	$.7 \pm 0.6$	2.2 ± 1.0	3.1 ± 1.2	1.1 ± 0.7	2.5 ± 1.2	1.0 ± 0.6
Uranium (U)	<.1	<.1	<.1	<.1	<.1	<.1
Vanadium (V)	<.10	<.10	<.10	<.10	<.10	<.10
Zinc (Zn)	<.05	<.05	<.05	<.05	<.05	<.05
TDS	566	342	360	348	358	346

WATER QUALITY
4th Quater Report 1980

(Chemical units in mg/L except as noted)

Well Name	314					
Date Sampled	10-9-80					
Alkalinity ppm as $CaCO_3$	186					
pH (Units)	7.1					
Conductivity (umhos/cm)	425					
Ammonia (NH_3 as N)	ND					
Total NO_2/NO_3 (as N)	ND					
Bicarbonate (HCO_3)	227					
Carbonate (CO_3)	0					
Calcium (Ca)	37					
Chloride (Cl)	6					
Boron (B)	<.001					
Fluoride (F)	.52					
Magnesium (Mg)	20					
Potassium (K)	6.1					
Sodium (Na)	40					
Sulfate (SO_4)	59					
Aluminum (Al)	<.05					
Arsenic (As)	<.005					
Barium (Ba)	<.1					
Cadmium (Cd)	<.01					
Chromium (Cr)	<.05					
Copper (Cu)	<.05					
Iron (Fe)	.48					
Lead (Pb)	<.05					
Manganese (Mn)	.072					
Mercury (Hg)	<.25					
Molybdenum (Mo)	<.05					
Nickel (Ni)	<.05					
Radium 226 (Ra) pCi/l	3.1 ± 1.1					
Selenium (Se)	<.005					
Thorium 230 (Th) pCi/l	1.1 ± 0.6					
Uranium (U)	<.1					
Vanadium (V)	<.10					
Zinc (Zn)	<.05					
TDS	271					

APPENDIX B

TETON-NEDCO MONITOR WELLS
BIWEEKLY WATER ANALYSIS

Bi-Weekly Water Quality
4th Quarter Report 1980

Well Name PN5-L570
Aquifer IDAHO

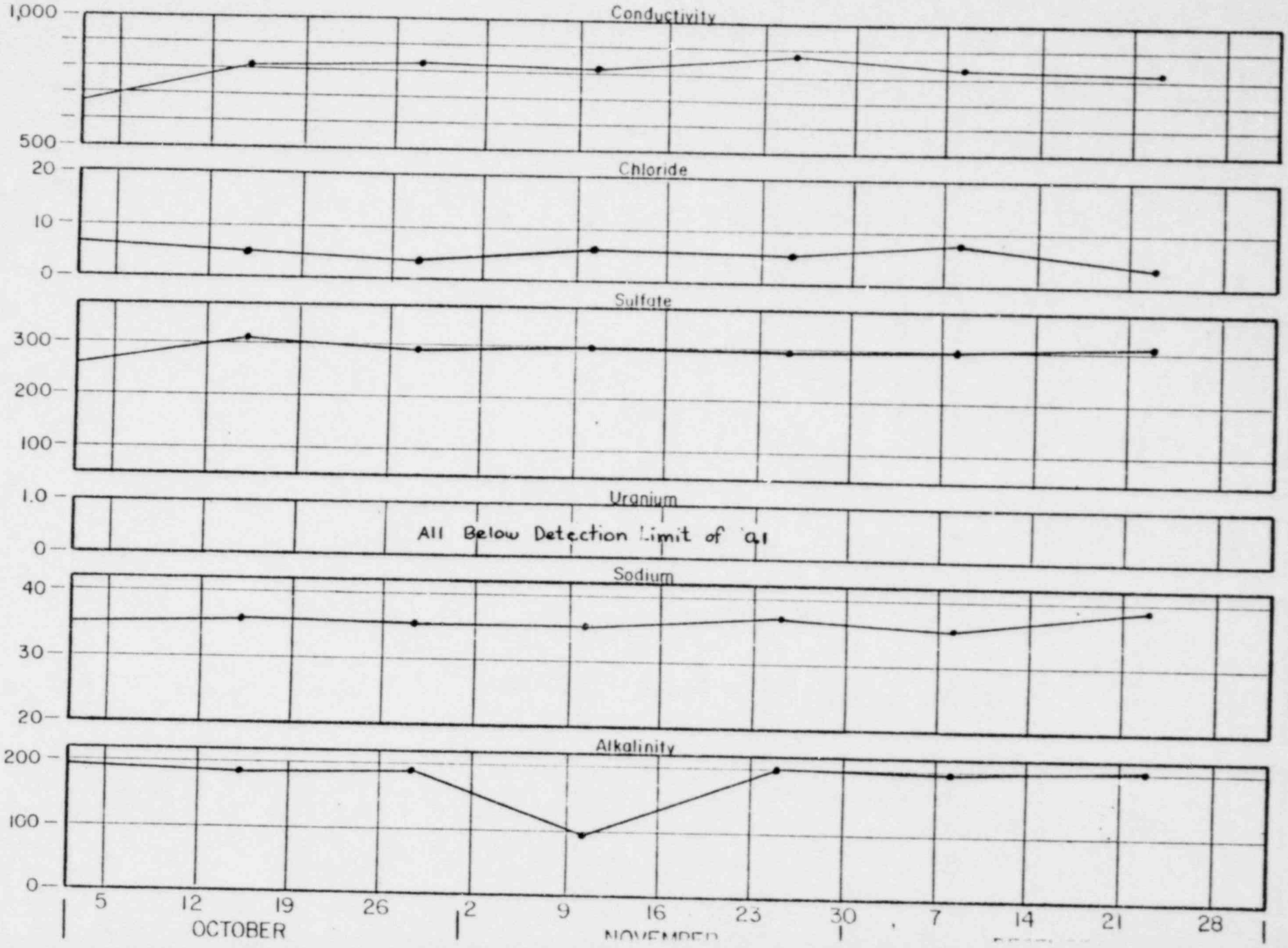
UCL	1,135	12	314	1	47	331
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-30-80	650	7	260	0.1	35	198
10-15-80	810	5	305	<.1	36	190
10-28-80	820	4	295	<.1	35	192
11-10-80	810	6	299	<.1	35	95
11-25-80	885	6	293	<.1	37	200
12-8-80	820	8	298	<.1	36	196
12-23-80	815	4	310	<.1	39	202

Well Name PN5-L304
Aquifer IDAHO

UCL	1,141	12	523	1	62	273
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	765	5	358	<.1	33	200
10-7-80	895	4	359	<.1	34	192
10-20-80	875	3	364	<.1	33	192
11-10-80	885	4	367	<.1	36	200
11-18-80	870	4	362	<.1	35	196
12-3-80	880	4	351	<.1	33	208
12-14-80	875	4	348	<.1	35	198
12-19-80	860	4	334	<.1	32	204

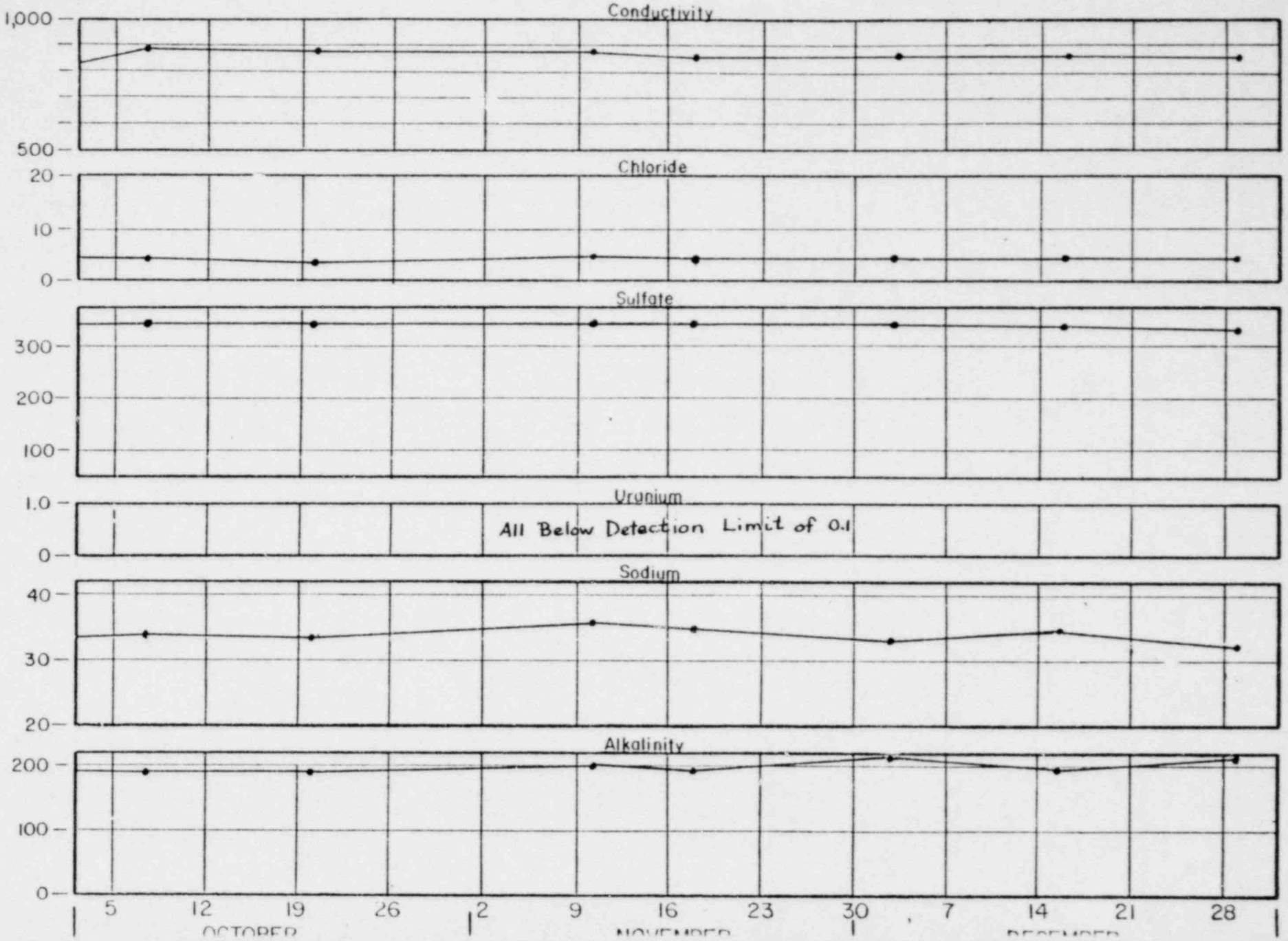
WATER QUALITY

Well name 570



WATER QUALITY

Well name 304



Bi-Weekly Water Quality

4th Quarter Report 1980

Well Name PN5-L309

Aquifer N

UCL	1,197	13	602	1	57	197
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	230	5	66	<.1	33	98
10-7-80	760	18	247	.90	42	180
10-21-80	715	8	265	.76	36	174
11-4-80	535	12	236	.70	42	52
11-17-80	720	6	251	.1	30	188
12-3-80	720	4	246	<.1	31	186
12-16-80	715	4	230	<.1	35	188
12-29-80	700	7	229	<.1	32	204

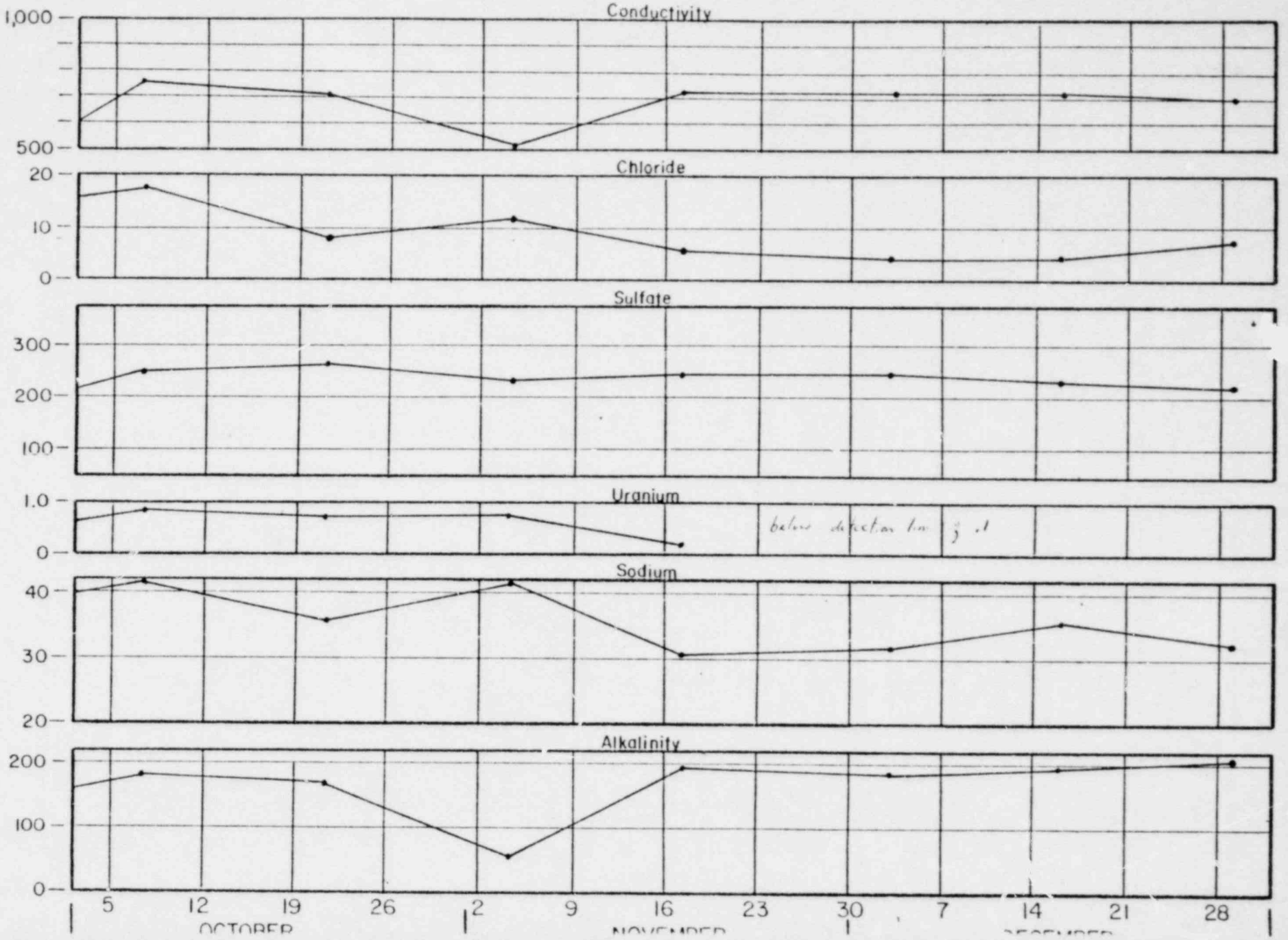
Well Name PN5-L313

Aquifer N

UCL	865	8	307	1	48	201
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-23-80	610	4	273	<.1	37	156
10-7-80	715	4	267	<.1	37	162
10-21-80	705	4	268	<.1	33	156
11-5-80	705	6	281	<.1	36	162
11-18-80	700	4	274	<.1	37	158
12-2-80	695	4	263	<.1	37	160
12-15-80	715	3	260	<.1	38	160
12-29-80	700	6	272	<.1	34	170

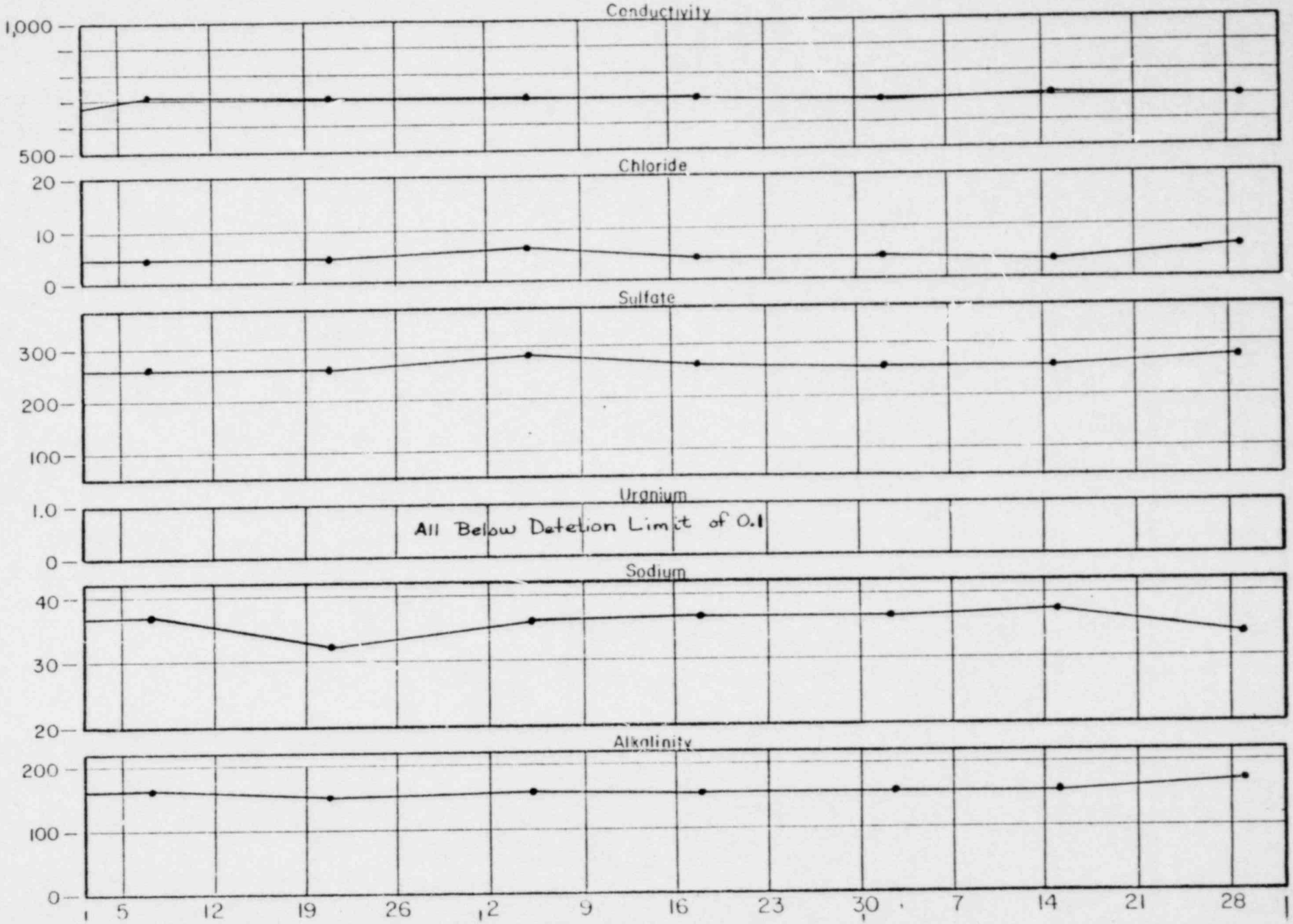
WATER QUALITY

Well name 309



WATER QUALITY

Well name 313



Bi-Weekly Water Quality

4th Quarter Report 1980

Well Name PN5-L319

Aquifer N

UCL	1,095	22	459	1	50	172
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	575	4	252	<.1	32	160
10-7-80	685	3	253	<.1	35	156
10-21-80	690	4	253	<.1	37	154
11-5-80	665	5	245	<.1	36	160
11-18-80	675	6	251	<.1	36	158
12-2-80	665	4	234	<.1	36	158
12-16-80	670	4	240	<.1	37	164
12-30-80	690	5	241	<.1	35	172

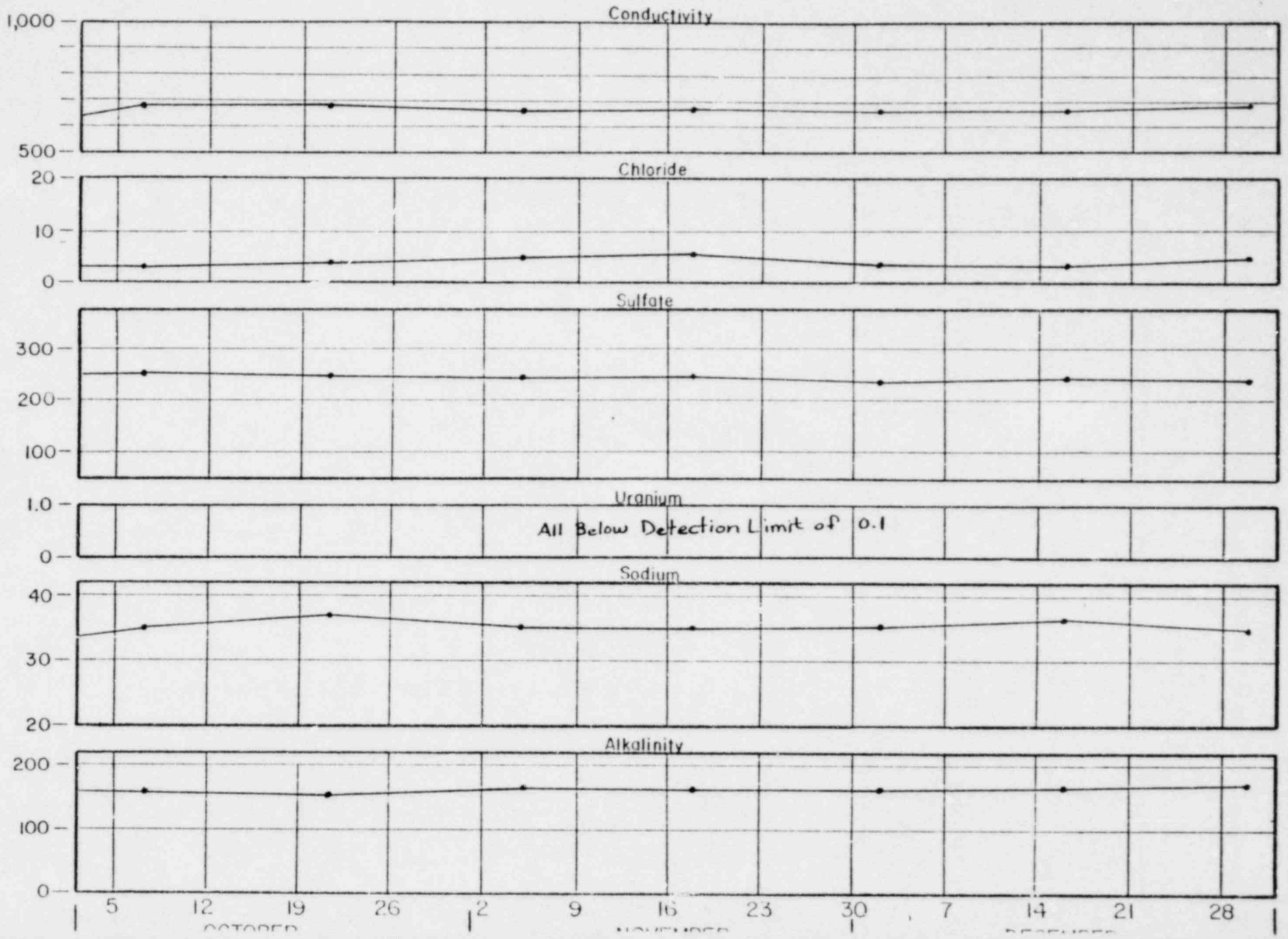
Well Name PN5-L320

Aquifer N

UCL	899	15	271	1	52	225
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	595	4	250	<.1	34	160
10-6-80	680	4	250	<.1	36	162
10-20-80	685	2	250	<.1	35	158
11-5-80	675	4	250	<.1	35	160
11-18-80	670	4	248	<.1	36	158
12-2-80	665	4	237	<.1	36	162
12-16-80	685	4	236	<.1	37	164
12-29-80	670	6	239	<.1	34	168

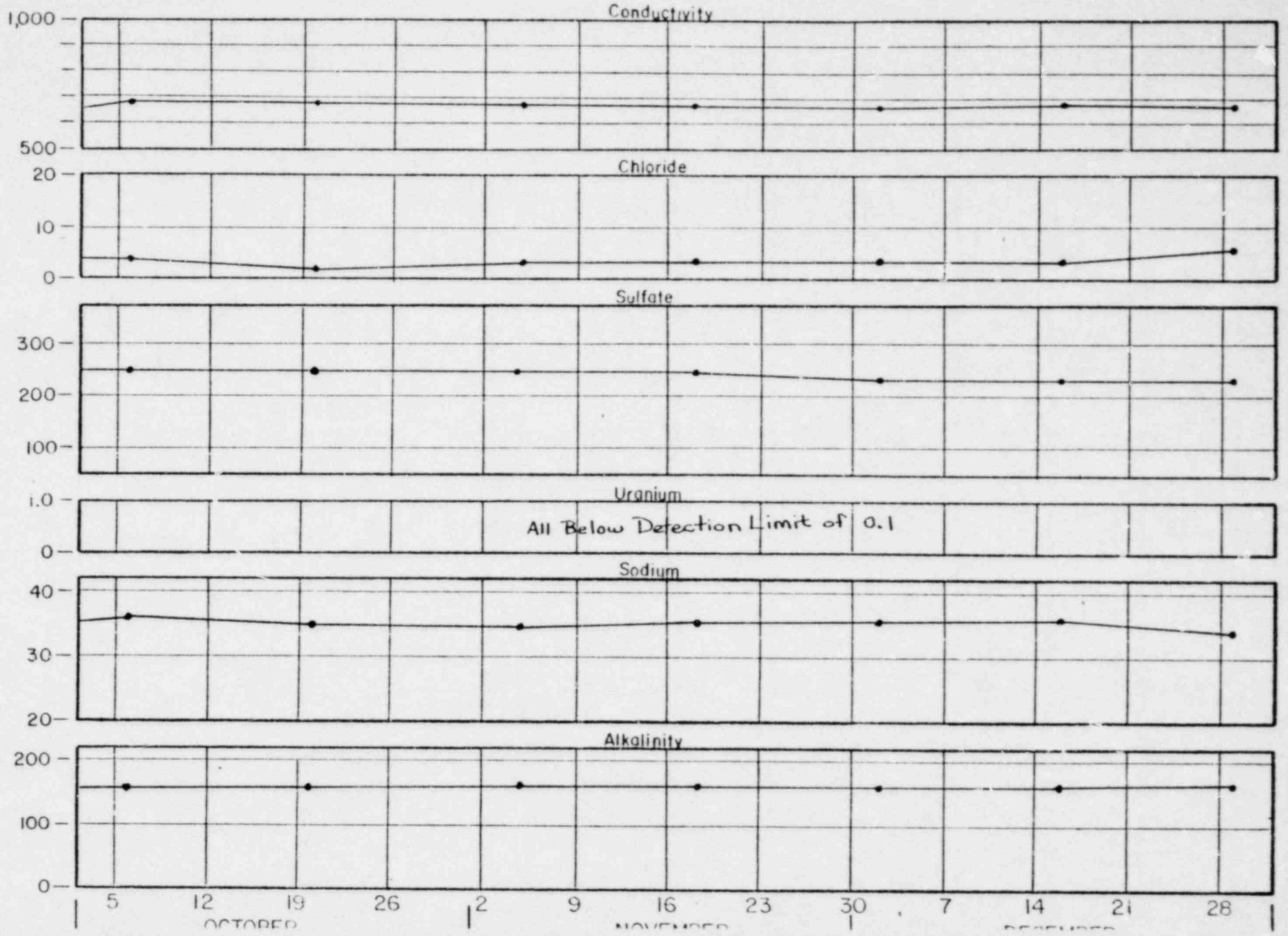
WATER QUALITY

Well name 319



WATER QUALITY

Well name 320



Bi-Weekly Water Quality

4th Quarter Report 1980

Well Name PN5-LNMI

Aquifer N

UCL	887	22	462	1	43	187
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	605	4	267	<.1	35	156
10-7-80	700	3	268	<.1	37	176
10-20-80	705	3	260	<.1	36	152
11-5-80	695	6	268	<.1	36	154
11-18-80	685	4	268	<.1	36	156
12-2-80	690	4	256	<.1	37	156
12-15-80	710	4	253	<.1	37	158
12-30-80	690	4	251	<.1	34	164

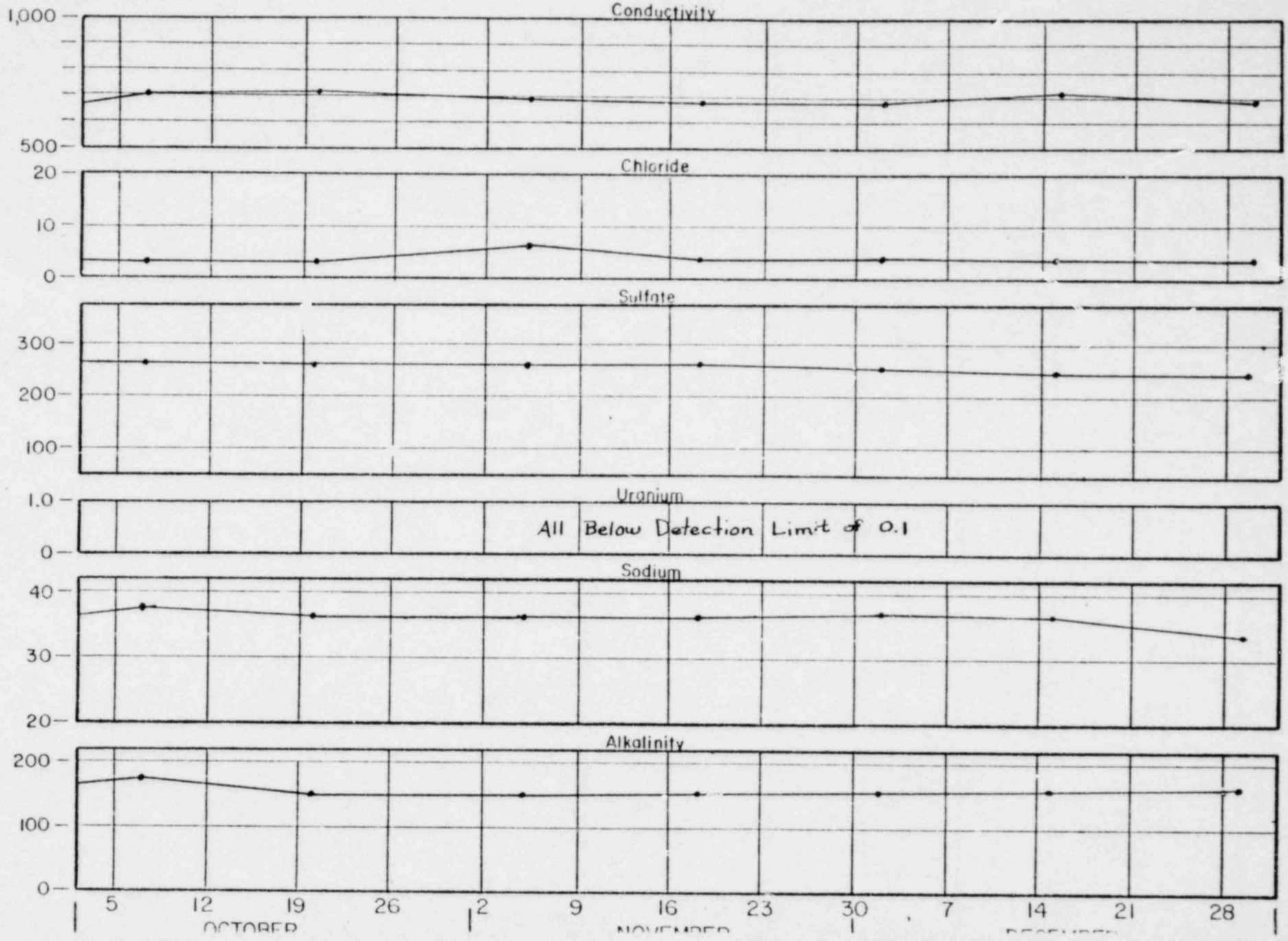
Well Name PN5-L305

Aquifer M

UCL	636	32	344	1	51	496
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	420	9	104	<.1	26	178
10-7-80	495	6	103	<.1	28	182
10-20-80	435	6	104	<.1	27	178
11-5-80	490	8	107	<.1	27	184
11-18-80	475	8	105	<.1	29	178
12-2-80	475	8	98	<.1	25	184
12-15-80	490	6	95	<.1	28	190
12-29-80	485	6	99	<.1	26	172

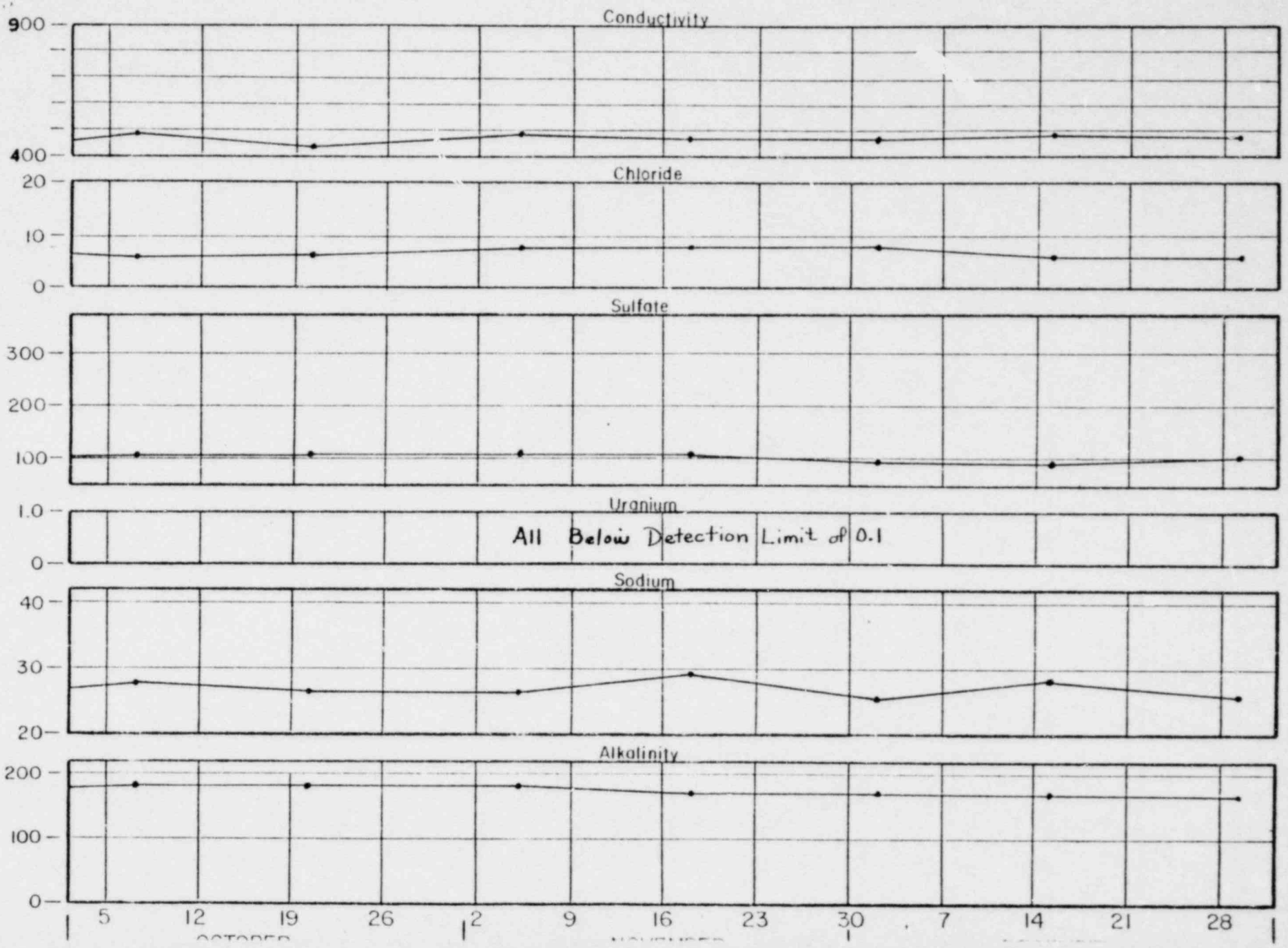
WATER QUALITY

Well name N-M-1



WATER QUALITY

Well name 305



Bi-Weekly Water Quality
4th Quarter Repor. 1980

Well Name PN5-L575
Aquifer M

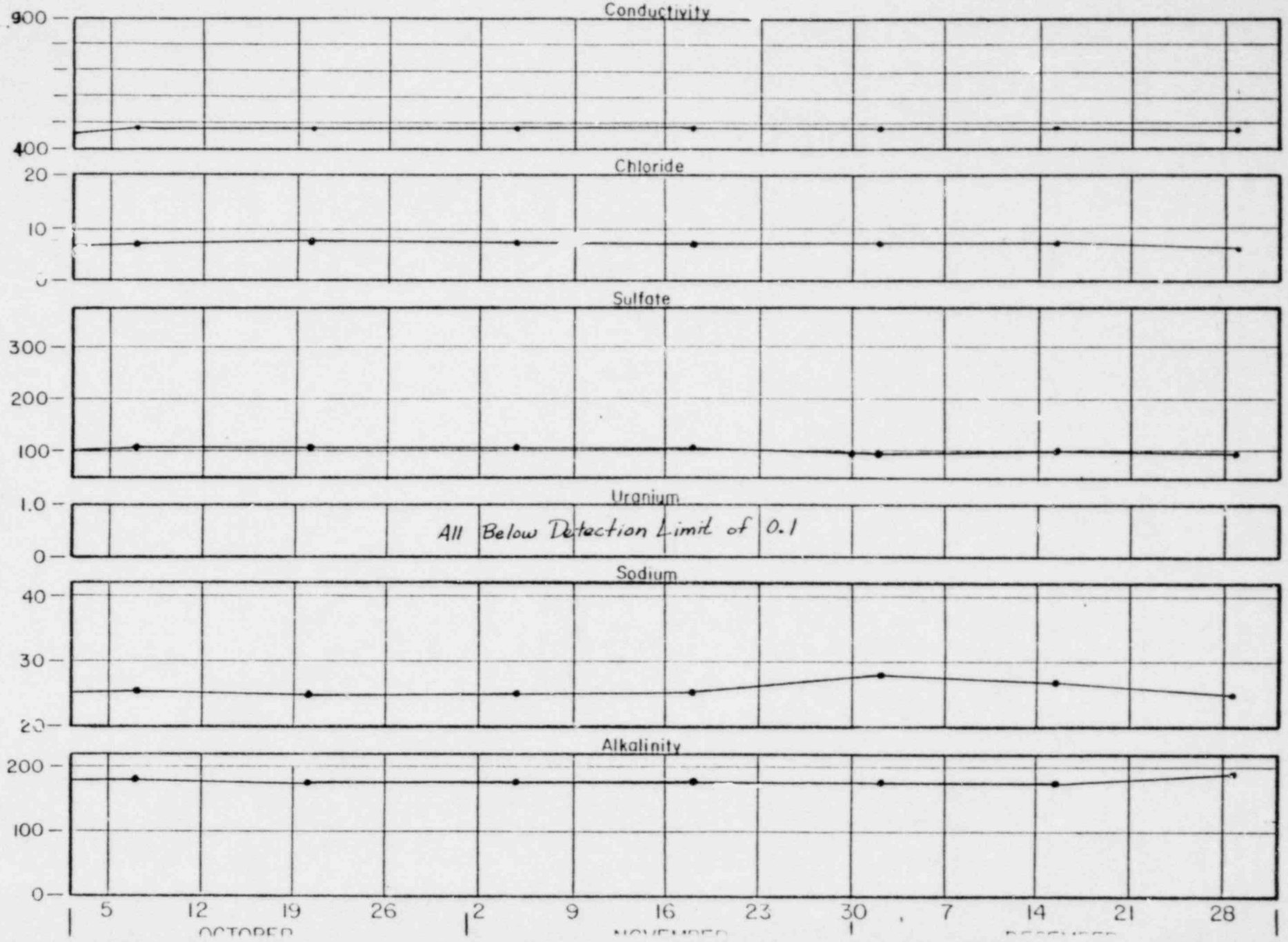
UCL	962	24	327	1	46	209
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	435	6	100	<.1	26	176
10-7-80	505	9	104	<.1	27	158
10-20-80	485	7	104	<.1	26	178
11-5-80	485	8	106	<.1	26	180
11-18-80	485	8	103	<.1	27	180
12-2-80	475	10	101	<.1	27	184
12-15-80	485	6	97	<.1	27	180
12-30-80	490	7	97	<.1	25	184

Well Name PN5-L576
Aquifer M

UCL	835	19	153	1	37	231
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	435	7	99	<.1	25	180
10-7-80	490	7	102	<.1	26	182
10-20-80	490	8	102	<.1	26	180
11-5-80	485	8	104	<.1	25	180
11-18-80	490	8	102	<.1	26	184
12-2-80	480	8	98	<.1	28	184
12-15-80	490	8	99	<.1	27	182
12-29-80	485	6	98	<.1	25	194

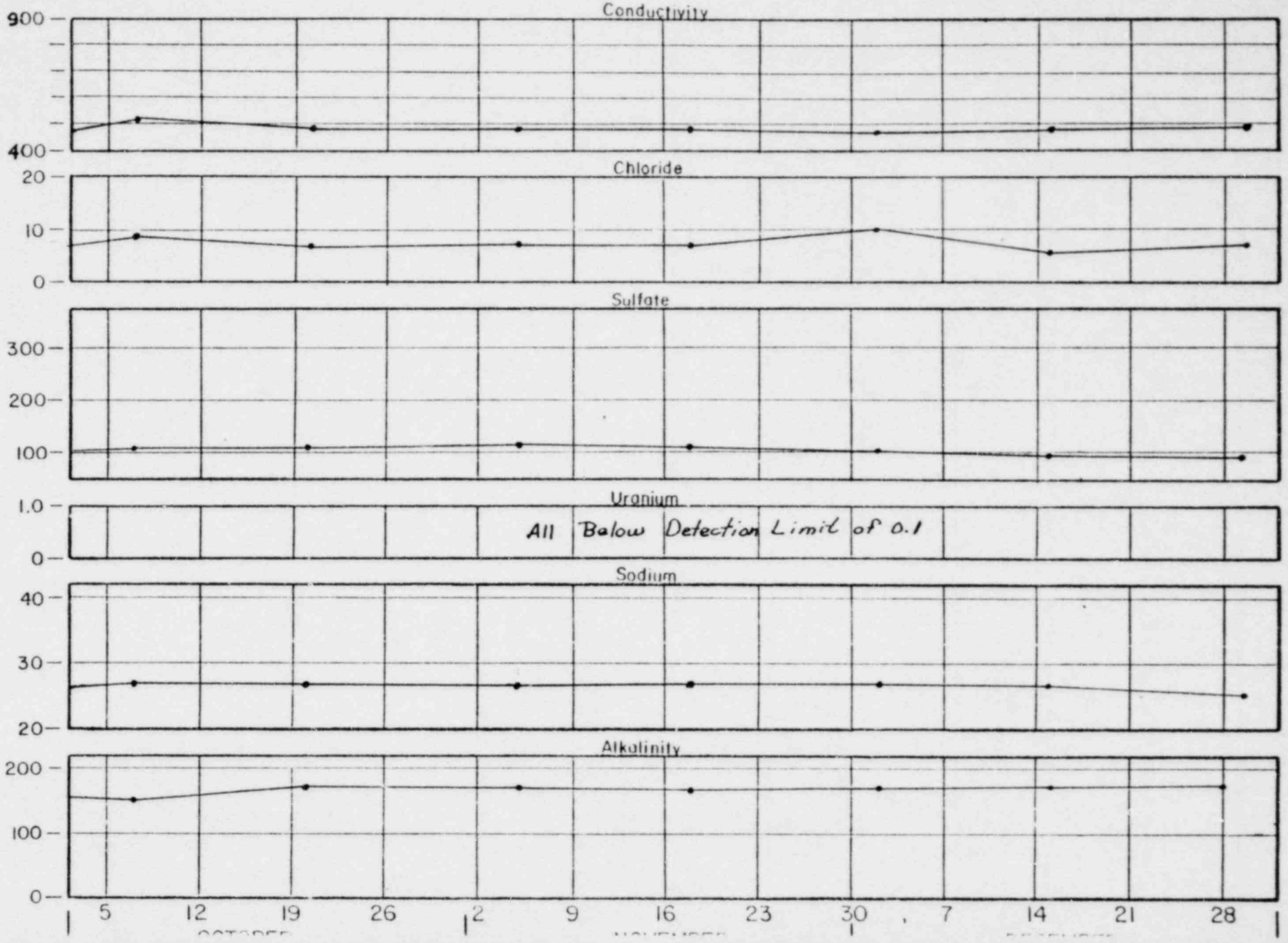
WATER QUALITY

Well name 576



WATER QUALITY

Well name 575



Bi-Weekly Water Quality
4th Quarter Report 1980

Well Name PN5-LMM1

Aquifer M

UCL	727	10	140	1	28	250
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-24-80	425	6	101	<.1	26	174
10-7-80	500	7	105	<.1	28	184
10-20-80	495	7	105	<.1	27	178
11-5-80	490	8	102	<.1	26	178
11-18-80	490	6	102	<.1	28	176
12-2-80	475	8	102	<.1	36	182
12-15-80	490	5	102	<.1	27	178
12-29-80	485	7	100	<.1	26	186

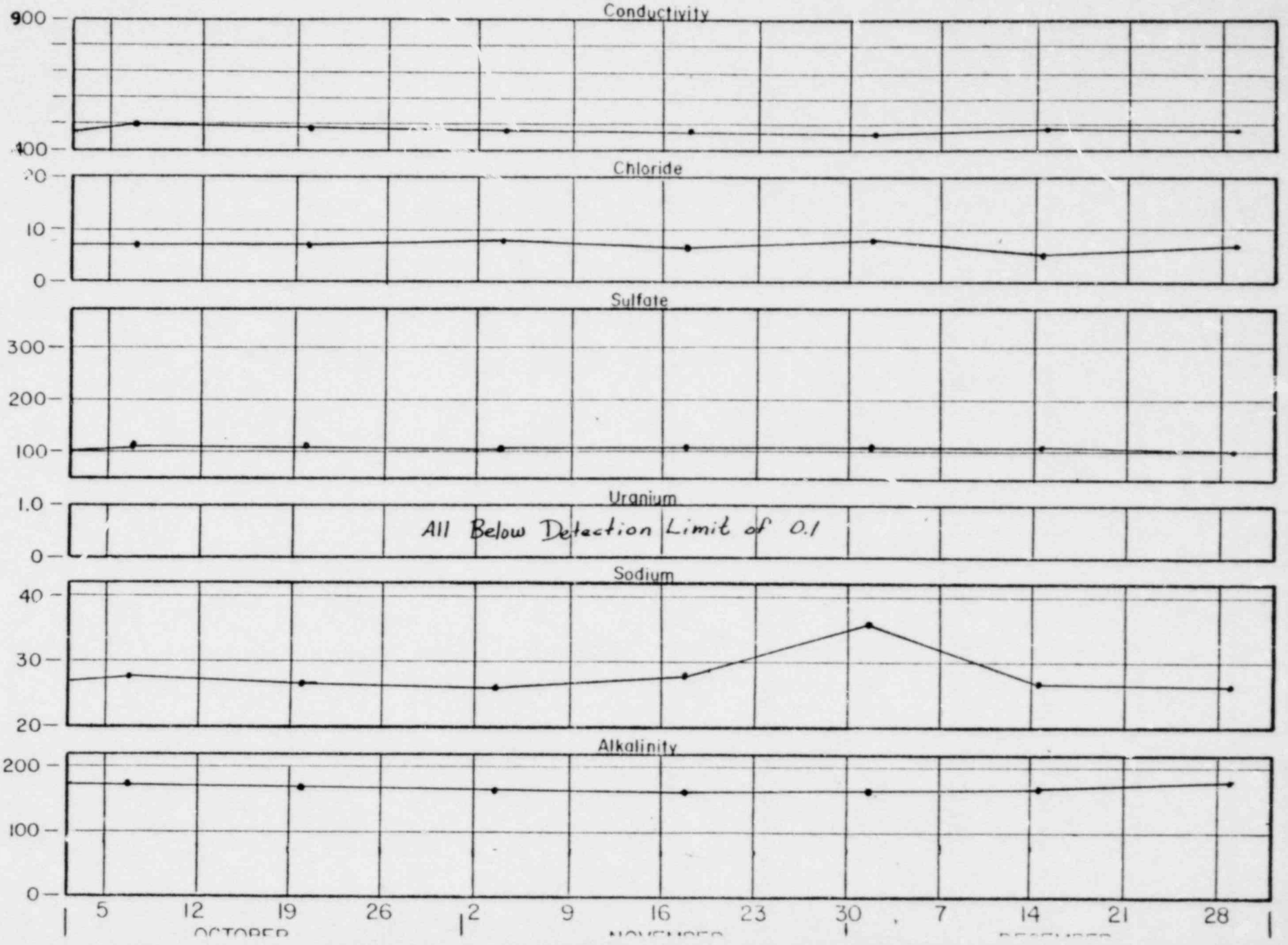
Well Name PN5-MM2

Aquifer M

UCL	585	12	105	1	31	181
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-23-80	415	5	95	<.1	26	184
10-7-80	490	7	97	<.1	28	180
10-21-80	480	8	98	<.1	20	180
11-5-80	480	6	101	<.1	26	180
11-18-80	475	8	97	<.1	27	180
12-2-80	475	7	93	<.1	26	182
12-15-80	485	6	97	<.1	28	178
12-29-80	475	6	96	<.1	26	184

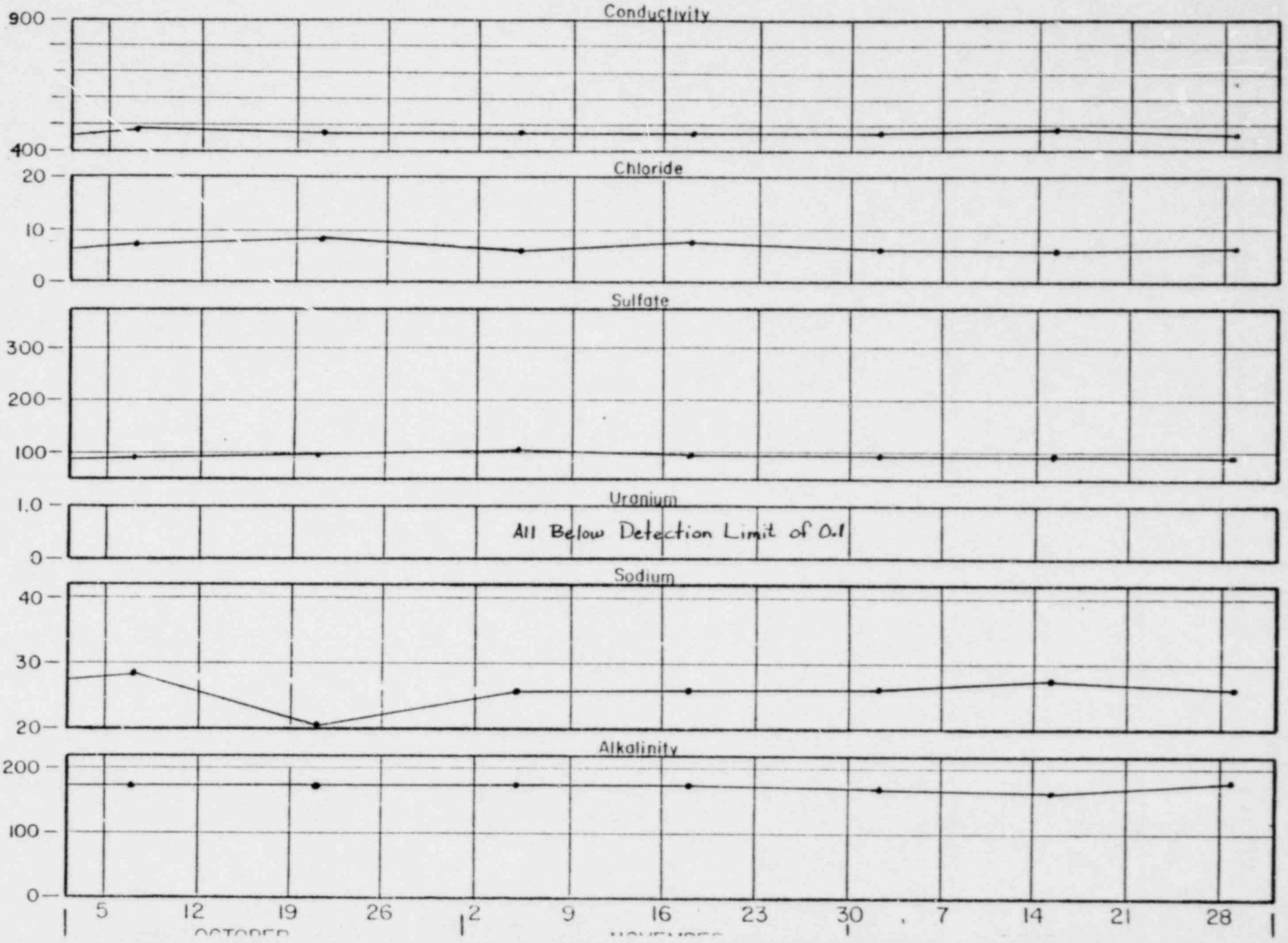
WATER QUALITY

Well name MM-1



WATER QUALITY

Well name M-M-2



Bi-Weekly Water Quality
4th Quarter Report 1980

Well Name PN5-L314
Aquifer BASAL

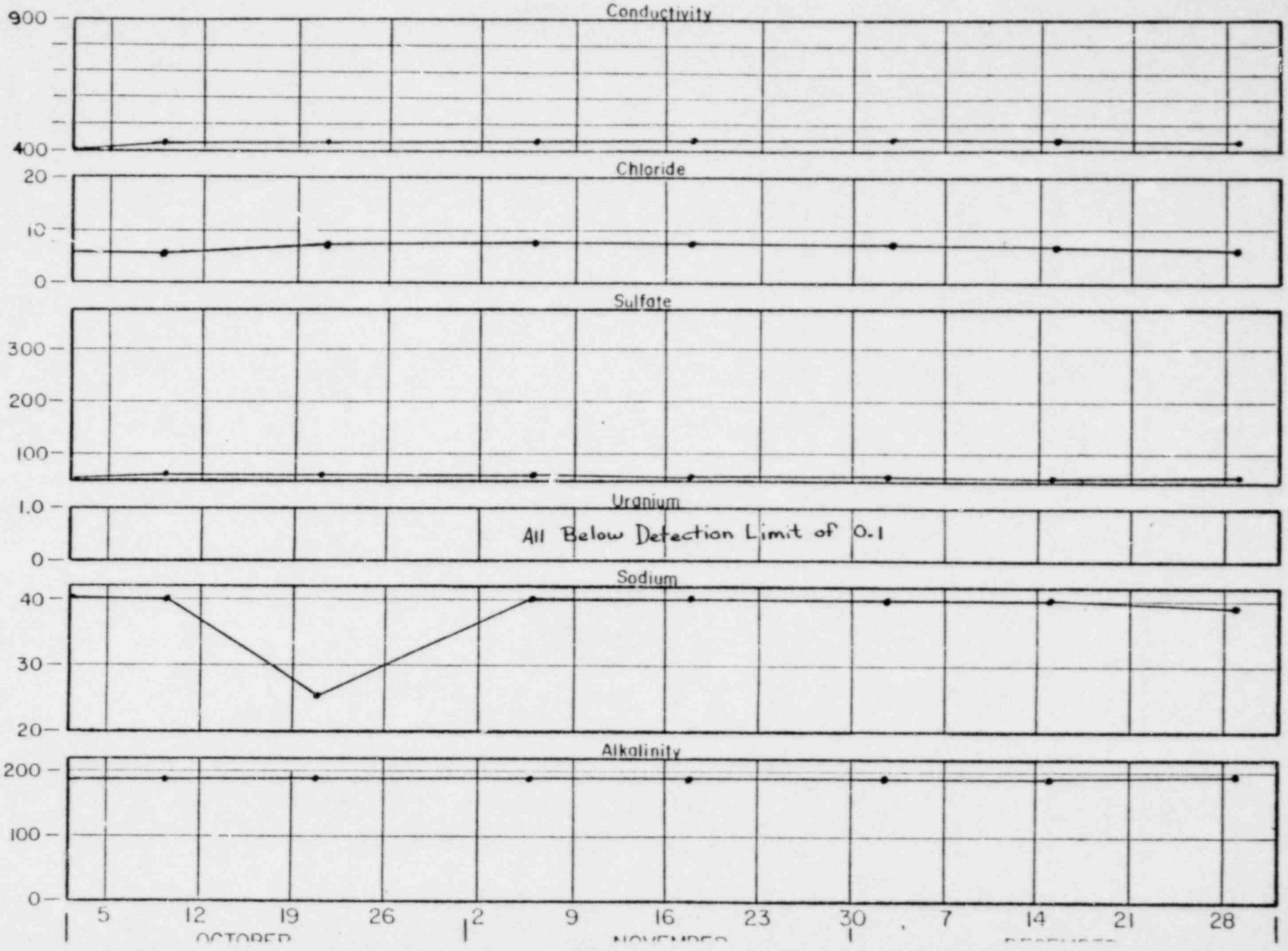
UCL	590	8.7	158	1	39	203
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)
9-23-80	375	7	54	<.1	41	190
10-9-80	425	6	59	<.1	40	186
10-21-80	430	8	60	<.1	25	188
11-6-80	430	8	61	<.1	41	190
11-18-80	420	8	59	<.1	42	188
12-3-80	440	8	61	<.1	40	194
12-15-80	425	7	56	<.1	42	188
12-29-80	425	7	59	<.1	39	196

Well Name _____
Aquifer _____

UCL						
Sample Date	Conductivity umhos/cm	Cl^- (ppm)	$SO_4^=$ (ppm)	U (ppm)	Na^+ (ppm)	Alkalinity (as ppm $CaCO_3$)

WATER QUALITY

Well name 314



APPENDIX C

TETON-NEDCO MONITOR WELLS

WEEKLY WATER LEVELS

Weekly Water Levels
4th Quarter Report

Well Name 304
Aquifer Idaho
MP Elev 5201.0
Baseline Elev 5170.98

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	11:50	30.34	5170.66
10-6-80	18:00	30.32	5170.77
10-15-80	10:00	30.59	5170.41
10-22-80	8:50	30.72	5170.28
10-29-80	10:35	31.08	5169.92
11-4-80	9:00	30.86	5170.14
11-10-80	11:30	30.83	5170.17
11-17-80	11:00	30.72	5170.28
11-24-80	14:00	31.01	5169.99
12-1-80	14:20	31.15	5169.85
12-8-80	14:20	30.60	5170.40
12-15-80	10:05	31.00	5170.00
12-22-80	11:20	30.93	5170.07
12-29-80	15:05	31.27	5169.73

Well Name 570
Aquifer Idaho
MP Elev 5207.0
Baseline 5173.85

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	13:55	36.13	5170.87
10-6-80	9:40	36.62	5170.38
10-13-80	pump	down	well
10-21-80	8:45	37.95	5169.05
10-28-80	10:45	37.25	5169.75
11-3-80	sounder	blocked	
11-10-80	11:55	37.15	5169.85
11-17-80	pump	down	well
11-24-80	15:00	42.53	5164.47
12-2-80	13:30	37.03	5169.97
12-8-80	14:10	37.04	5169.96
12-15-80	13:30	37.51	5169.49
12-22-80	pump	down	well
12-29-80	10:45	37.03	5169.97

Weekly Water Levels
4th Quarter Report

Well Name N-M-1
Aquifer N
MP Elev 5224.40
Baseline Elev —

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	9:50	119.52	5104.88
10-6-80	11:25	120.05	5104.36
10-15-80	11:00	128.30	5096.10
10-20-80	11:30	128.24	5095.82
10-28-80	15:00	130.01	5094.39
11-3-80	11:45	132.48	5091.92
11-10-80	9:15	108.11	5116.29
11-17-80	11:45	101.87	5122.53
11-24-80	11:25	97.97	5126.43
12-1-80	13:00	92.47	5131.93
12-8-80	15:30	93.45	5130.95
12-15-80	9:35	93.51	5130.89
12-22-80	14:35	86.78	5137.62
12-29-80	10:00	92.08	5132.32

Well Name 309
Aquifer N
MP Elev 5203.78
Baseline 5151.46

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	11:45	96.52	5107.26
10-7-80	18:00	100.50	5103.28
10-15-80	10:00	106.90	5096.88
10-20-80	10:40	105.59	5098.19
10-29-80	10:40	108.02	5095.76
11-4-80	9:00	113.02	5090.68
11-11-80	Air Lifting well		
11-17-80	10:55	76.11	5127.67
11-24-80	14:30	74.57	5127.21
12-1-80	14:20	72.38	5131.40
12-8-80	14:20	72.08	5131.70
12-15-80	10:05	69.05	5134.73
12-22-80	11:05	69.74	5134.04
12-29-80	15:00	69.54	5134.24

Weekly Water Levels
4th Quarter Report

Well Name 313
Aquifer N
MP Elev 5207.50
Baseline Elev 5135.70

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	14:15	100.61	5106.86
10-6-80	11:18	103.92	5103.58
10-15-80	10:00	110.32	5097.18
10-20-80	11:40	109.95	5097.55
10-28-80	14:50	114.79	5092.71
11-3-80	11:15	117.35	5090.15
11-10-80	9:00	92.75	5117.75
11-17-80	11:15	83.79	5123.71
11-24-80	11:20	79.48	5128.05
12-1-80	12:55	76.77	5130.73
12-8-80	13:10	75.59	5131.91
12-15-80	10:00	75.49	5132.01
12-22-80	14:55	73.77	5133.73
12-29-80	11:50	74.46	5133.04

Well Name 319
Aquifer N
MP Elev 5212.2
Baseline 5135.18

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	10:00	112.01	5100.19
10-6-80	11:30	110.61	5101.51
10-15-80	10:00	123.05	5089.15
10-20-80	11:20	117.42	5094.78
10-28-80	11:30	122.12	5090.08
11-4-80	8:30	122.49	5089.71
11-10-80	10:25	95.52	5116.68
11-17-80	11:40	87.73	5124.77
11-24-80	15:00	83.89	5128.31
12-1-80	13:15	81.05	5131.15
12-8-80	13:20	82.57	5129.63
12-15-80	9:30	79.80	5132.40
12-22-80	14:30	77.45	5134.75
12-29-80	8:30	79.53	5132.67

Weekly Water Levels
4th Quarter Report

Well Name 320
Aquifer N
MP Elev 5198.30
Baseline Elev 5135.45

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	10:15	96.61	5102.29
10-6-80	11:20	96.72	5101.59
10-15-80	9:15	103.29	5095.01
10-20-80	9:00	105.37	5092.93
10-28-80	11:25	109.91	5088.39
11-4-80	8:40	112.87	5085.43
11-10-80	10:50	82.29	5116.01
11-17-80	11:50	73.54	5124.76
11-24-80	15:00	69.37	5128.93
12-2-80	11:00	67.00	5131.30
12-8-80	15:15	70.95	5127.35
12-15-80	9:25	66.22	5132.08
12-22-80	14:15	64.68	5133.62
12-29-80	10:35	64.57	5133.72

Well Name 305
Aquifer M
MP Elev 5218.9
Baseline 5137.25

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	11:35	87.54	5131.06
10-6-80	9:10	64.07	5154.83
10-15-80	9:30	93.96	5118.90
10-20-80	9:30	102.98	5115.96
10-28-80	11:10	96.52	5122.38
11-3-80	11:10	92.75	5126.15
11-10-80	10:25	96.76	5122.14
11-17-80	10:20	94.51	5124.39
11-24-80	13:20	94.21	5124.64
12-1-80	13:30	92.58	5126.32
12-8-80	11:30	94.14	5124.76
12-15-80	8:09	90.76	5128.14
12-22-80	11:05	90.68	5128.22
12-29-80	10:10	90.26	5128.64

Weekly Water Levels
4th Quarter Report

Well Name 307
Aquifer M
MP Elev 5201.1
Baseline Elev 5138.81

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	13:40	73.02	5128.08
10-6-80	9:30	109.74	5091.36
10-15-80	10:00	75.29	5125.81
10-20-80	11:10	101.77	5099.33
10-29-80	10:00	77.58	5123.52
11-4-80	9:00	76.34	5124.76
11-10-80	12:00	78.63	5122.47
11-17-80	11:25	76.16	5124.94
11-24-80	14:45	74.77	5126.33
12-1-80	13:40	71.99	5129.11
12-8-80	14:05	73.13	5127.97
12-15-80	13:20	71.76	5129.34
12-22-80	14:15	69.73	5131.37
12-29-80	10:45	69.08	5132.02

Well Name 575
Aquifer M
MP Elev 5213.2
Baseline 5137.65

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	9:55	89.23	5123.97
10-6-80	11:20	88.91	5124.29
10-15-80	11:05	89.13	5124.07
10-20-80	11:35	107.70	5105.50
10-28-80	15:00	101.89	5111.31
11-3-80	11:45	91.42	5121.78
11-10-80	9:10	90.12	5123.08
11-17-80	11:50	89.11	5124.09
11-24-80	11:25	79.15	5134.05
12-1-80	13:05	86.69	5126.51
12-8-80	9:00	87.44	5125.76
12-15-80	9:40	86.05	5127.15
12-22-80	11:30	84.01	5129.19
12-29-80	9:00	84.13	5129.07

Weekly Water Levels
4th Quarter Report

Well Name 57b
Aquifer M
MP Elev 5196.30
Baseline Elev 5137.93

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	10:10	72.74	5123.56
10-6-80	9:25	71.79	5124.51
10-15-80	9:15	73.10	5123.20
10-20-80	12:00	72.52	5123.78
10-28-80	11:25	73.36	5122.94
11-4-80	8:45	74.36	5121.94
11-10-80	10:50	76.85	5120.45
11-17-80	11:45	73.31	5122.99
11-24-80	15:00	72.28	5121.02
12-2-80	11:00	72.16	5124.14
12-8-80	15:10	71.48	5124.82
12-15-80	9:25	69.87	5126.43
12-22-80	15:00	70.94	5125.36
12-29-80	10:35	71.55	5124.76

Well Name M-M-1
Aquifer M
MP Elev 5201.0
Baseline

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	11:40	74.07	5126.93
10-6-80	9:15	75.47	5125.53
10-15-80	10:00	88.70	5112.30
10-20-80	9:25	88.73	5112.27
10-28-80	11:15	77.41	5123.59
11-5-80	14:10	75.97	5125.03
11-10-80	10:30	86.30	5114.70
11-17-80	10:25	77.84	5123.16
11-24-80	13:25	75.27	5125.73
12-1-80	13:35	72.18	5128.82
12-8-80	11:30	73.46	5147.54
12-15-80	9:15	71.13	5129.87
12-22-80	11:00	70.65	5130.35
12-29-80	10:10	70.64	5130.36

Weekly Water Levels
4th Quarter Report

Well Name M-M-2
Aquifer M
MP Elev 5212.20
Baseline Elev

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	14:20	87.82	5124.38
10-6-80	11:15	88.99	5123.21
10-15-80	9:35	74.37	5137.83
10-20-80	11:40	104.05	5108.15
10-28-80	14:45	91.73	5120.47
11-5-80	9:10	90.84	5121.36
11-10-80	9:00	88.88	5123.32
11-17-80	11:50	90.73	5121.47
11-24-80	11:15	87.93	5124.27
12-2-80	12:05	88.50	5123.70
12-8-80	13.05	87.90	5124.30
12-15-80	9:45	86.23	5125.97
12-22-80	14:55	85.43	5126.78
12-29-80	12:05	83.99	5128.21

Well Name 314
Aquifer Basal
MP Elev 5201.2
Baseline 5102.25

TIME		SWL	
Date	Hour	Depth	Elev.
9-29-80	13:30	106.02	5095.18
10-6-80	18:00	106.71	5094.49
10-15-80	10:00	107.50	5093.70
10-20-80	10:40	107.59	5093.61
10-29-80	11:00	107.97	5093.23
11-4-80	8:50	107.14	5094.05
11-10-80	11:40	112.94	5088.26
11-17-80	11:00	107.30	5093.90
11-24-80	14:20	113.04	5088.16
12-1-80	14:45	107.37	5093.83
12-8-80	14:30	106.50	5094.70
12-15-80	10:00	106.42	5094.78
12-22-80	11:25	112.78	5088.42
12-29-80	15:20	107.07	5094.13

BAROMETRIC PRESSURE TRENDS

Day of Month	Pressure for Month of October	Pressure for Month of November	Pressure for Month of December	
1			29.90	
2			29.75	
3		30.09		
4		30.12		
5				
6	30.18			
7	30.12			
8			29.91	
9				
10		29.80		
11		29.89		
12				
13	29.78			
14				
15	29.53		30.03	
16				
17		30.02		
18				
19				
20	30.03			
21	29.92			
22	29.80		29.93	
23				
24		29.96		
25				
26				
27				
28	30.20			
29	30.10		30.12	
30				
31				

(Pressures were taken at 12:00 noon)