

TEXAS WATER COMMISSION

Joe D. Carter, Chairman
O. F. Dent, Commissioner
H. A. Beckwith, Commissioner

BULLETIN 6213

ANNUAL WATER-LEVEL MEASUREMENTS

IN OBSERVATION WELLS

NORTHERN HIGH PLAINS, TEXAS

1961 AND 1962

Compiled by

The Staff of the
Well Observation Section
of the
Ground Water Division

July 1962

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A N N U A L W A T E R - L E V E L M E A S U R E M E N T S
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INTRODUCTION

This report is prepared so that the water levels and the changes in these levels for the 1961-62 period in the Northern High Plains of Texas can be made known and the data utilized by those interested in the ground water of the area.

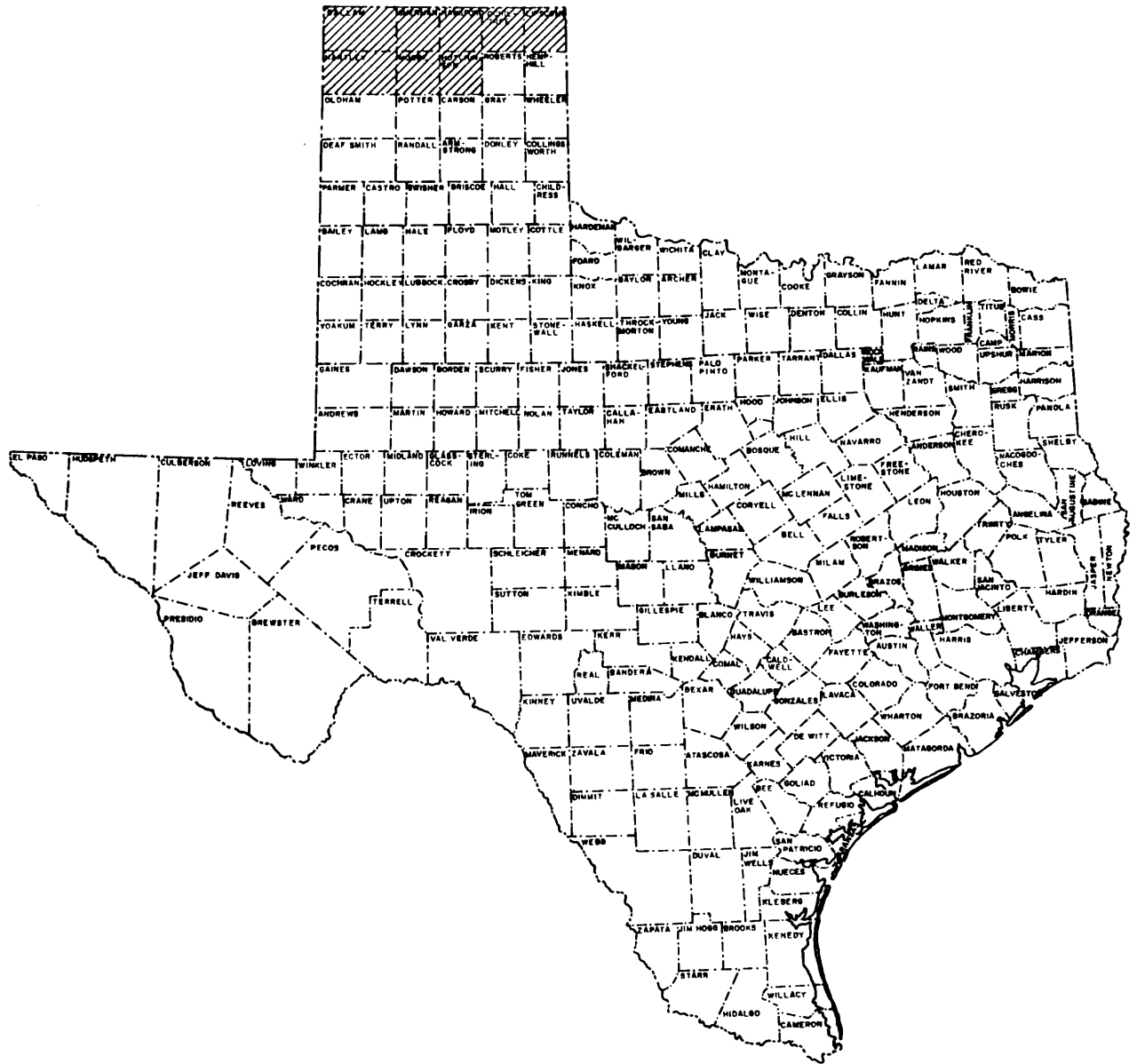
The data presented in this report includes, by counties, a tabulation of the annual 1961 and 1962 water-level measurements and a map showing the location of the observation wells. The area includes eight counties of which six, Hansford, Hartley, Hutchinson, Moore, Ochiltree, and Sherman, are in the Northern High Plains Ground Water Conservation District Number 2. Dallam County, of which a portion is in the Dallam County Underground Water Conservation District Number 1, and Lipscomb County are included to complete the North High Plains water-level program. A map outlining the area is shown on page 3. The following table shows the number of wells measured in 1962 in each of the eight counties:

County	Number of Observation Wells	County	Number of Observation Wells
Dallam	69	Lipscomb	4
Hansford	59	Moore	68
Hartley	31	Ochiltree	28
Hutchinson	35	Sherman	69

Water-level measurements in the area are made primarily during the winter months of January and February, with some measurements being made in December and

and March. This period of the year is selected so that the measurements will indicate more nearly the static water levels after recovery from the previous irrigation season. The 1961 measurements were made by personnel of the North Plains Ground Water Conservation District Number 2, the U. S. Geological Survey, and the Texas Water Commission. In 1962, the water-level measurements in 376 observation wells were made by Mr. Delbert Timmons of the North Plains Water District and personnel of the Texas Water Commission.

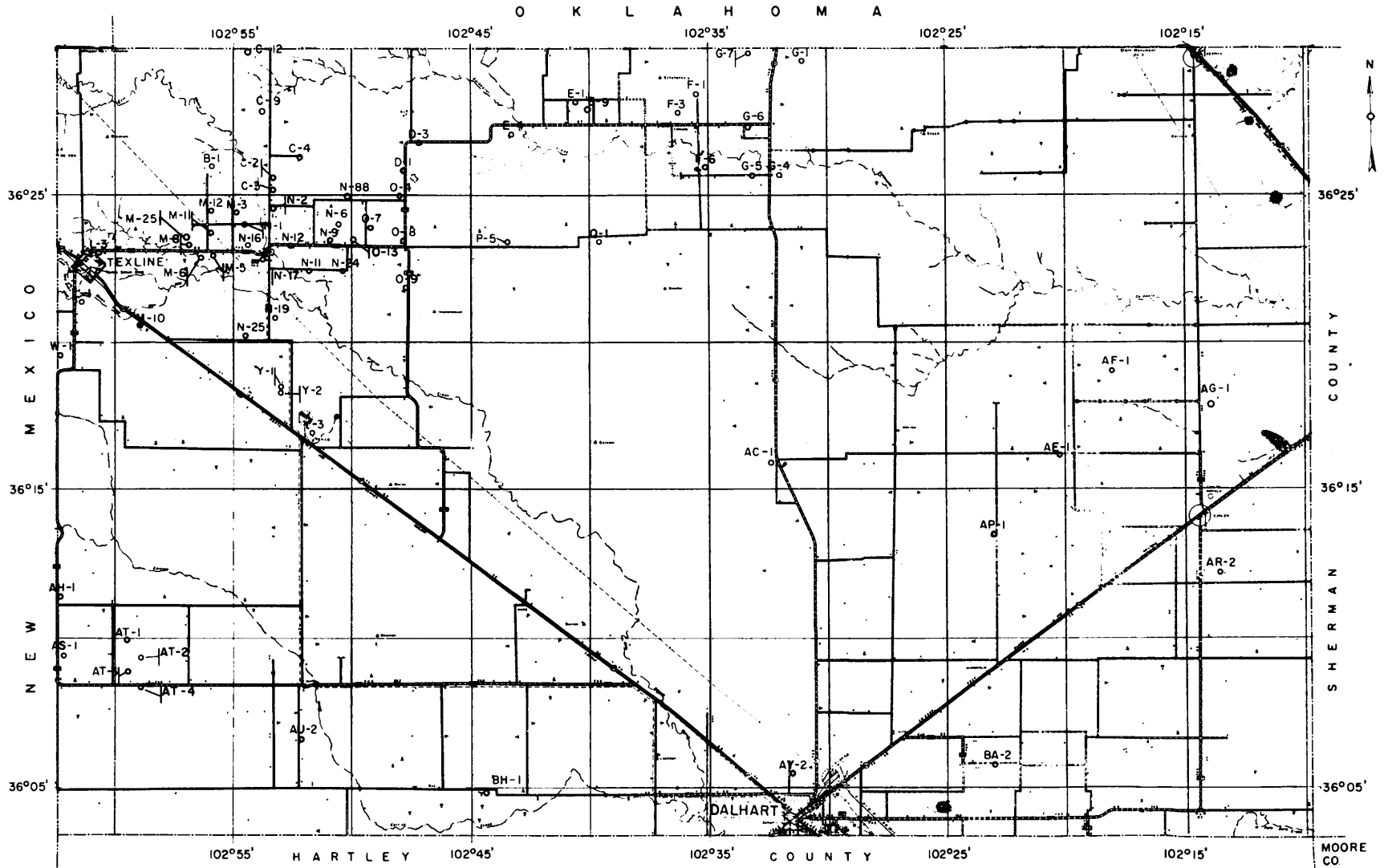
In the following tables, two well numbers are shown for those that are within the North Plains Ground Water Conservation District Number 2. One of these numbers is that assigned by the District, and the other corresponds with well numbers shown in previous Texas Water Commission bulletins.



MAP OF TEXAS SHOWING LOCATION OF AREA COVERED BY THIS REPORT

WATER-LEVEL MEASUREMENTS IN DALLAM COUNTY

Well Number Bulletin 6103	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
	1961		1962		
	Date	Water level	Date	Water level	
B-1	1/6	103.36	1/19	102.25	+1.11
C-2	1/6	50.46	1/19	49.65	+0.81
C-3	1/6	62.54	1/19	62.71	-0.17
C-4	1/6	81.44	1/19	78.52	+2.92
C-9	1/6	121.30	1/19	118.25	+3.05
C-12	1/6	147.50	1/19	145.21	+2.29
D-1	1/7	4.54	1/17	2.55	+1.99
D-3	1/7	20.52	1/17	20.24	+0.28
E-1	1/7	64.43	1/17	60.05	+4.38
E-4	1/7	28.32	1/17	26.70	+1.62
E-9	1/7	66.70	1/17	61.93	+4.77
F-1	1/7	33.88	1/17	33.29	+0.59
F-3	1/7	52.47	1/17	51.95	+0.52
F-6	1/7	11.02	1/17	12.00	-0.98
G-1	--	--	1/17	75.32	--
G-4	1/7	52.88	1/17	53.22	-0.34
G-5	1/7	63.62	1/17	63.25	+0.37
G-6	1/7	56.83	1/17	55.28	+1.55
G-7	1/7	56.68	1/17	55.54	+1.14
K-1	1/7	257.27	1/23	257.44	-0.17
L-1	--	--	1/16	81.33	--
L-3	1/5	79.10	1/19	76.63	+2.47
M-3	1/6	73.50	1/19	76.16	-2.66
M-5	1/6	56.95	1/19	57.54	-0.59
M-6	1/6	59.11	1/19	58.82	+0.29
M-8	1/6	55.09	1/19	55.10	-0.01
M-10	1/5	56.24	1/16	57.45	-1.21
M-11	1/6	75.38	1/19	76.84	-1.46
M-12	1/6	63.57	1/19	65.85	-2.28
M-25	1/6	56.59	--	--	--
N-1	1/6	72.52	1/19	70.10	+2.42
N-2	1/6	72.93	1/23	73.81	-0.88
N-6	--	--	1/23	42.04	--
N-9	1/6	53.91	1/23	52.74	+1.17
N-11	1/6	58.60	1/23	--	--
N-12	1/6	72.61	1/23	71.69	+0.93
N-16	1/6	59.54	1/23	59.60	-0.06
N-17	1/6	61.62	1/23	61.12	+0.50
N-19	1/6	22.68	1/16	21.46	+1.22
N-24	1/6	39.56	1/23	38.79	+0.77
N-25	1/6	40.93	1/16	40.70	+0.23
N-88	1/6	44.13	1/23	45.15	-1.02
O-4	1/7	11.15	1/23	9.94	+1.21
O-7	1/6	29.17	1/23	28.92	+0.25
O-8	1/7	49.03	1/17	49.48	-0.45
O-9	1/7	18.46	1/17	19.75	-1.29
O-13	1/6	39.88	1/23	39.50	+0.38
P-5	1/7	13.63	1/17	12.57	+1.06
Q-1	1/7	127.13	1/17	--	--
W-1	1/6	87.84	1/16	--	--
Y-1	1/6	36.68	1/16	37.08	-0.40
Y-2	1/6	38.17	1/16	38.88	-0.71
Y-3	1/6	136.34	1/16	130.93	+5.41
AC-1	1/7	377.67	--	--	--
AE-1	1/7	331.51	1/23	331.27	+0.24
AF-1	1/7	295.39	1/23	295.35	+0.04
AG-1	1/7	266.98	1/23	266.60	+0.38
AH-1	1/6	126.05	1/16	--	--
AP-1	1/7	349.67	1/16	--	--
AR-2	1/7	285.71	1/23	286.66	-0.95
AS-1	1/6	111.71	1/16	111.50	+0.21
AT-1	1/6	99.28	1/16	98.55	+0.73
AT-2	1/6	92.87	1/16	93.14	-0.27
AT-3	1/6	107.70	1/16	--	--
AT-4	1/6	83.21	1/16	83.12	+0.09
AU-2	1/6	142.04	1/16	142.15	-0.11
AY-2	1/4	249.86	1/16	255.60	-5.74
BA-2	1/7	302.32	1/23	--	--
BH-1	1/6	202.54	1/16	204.60	-2.06



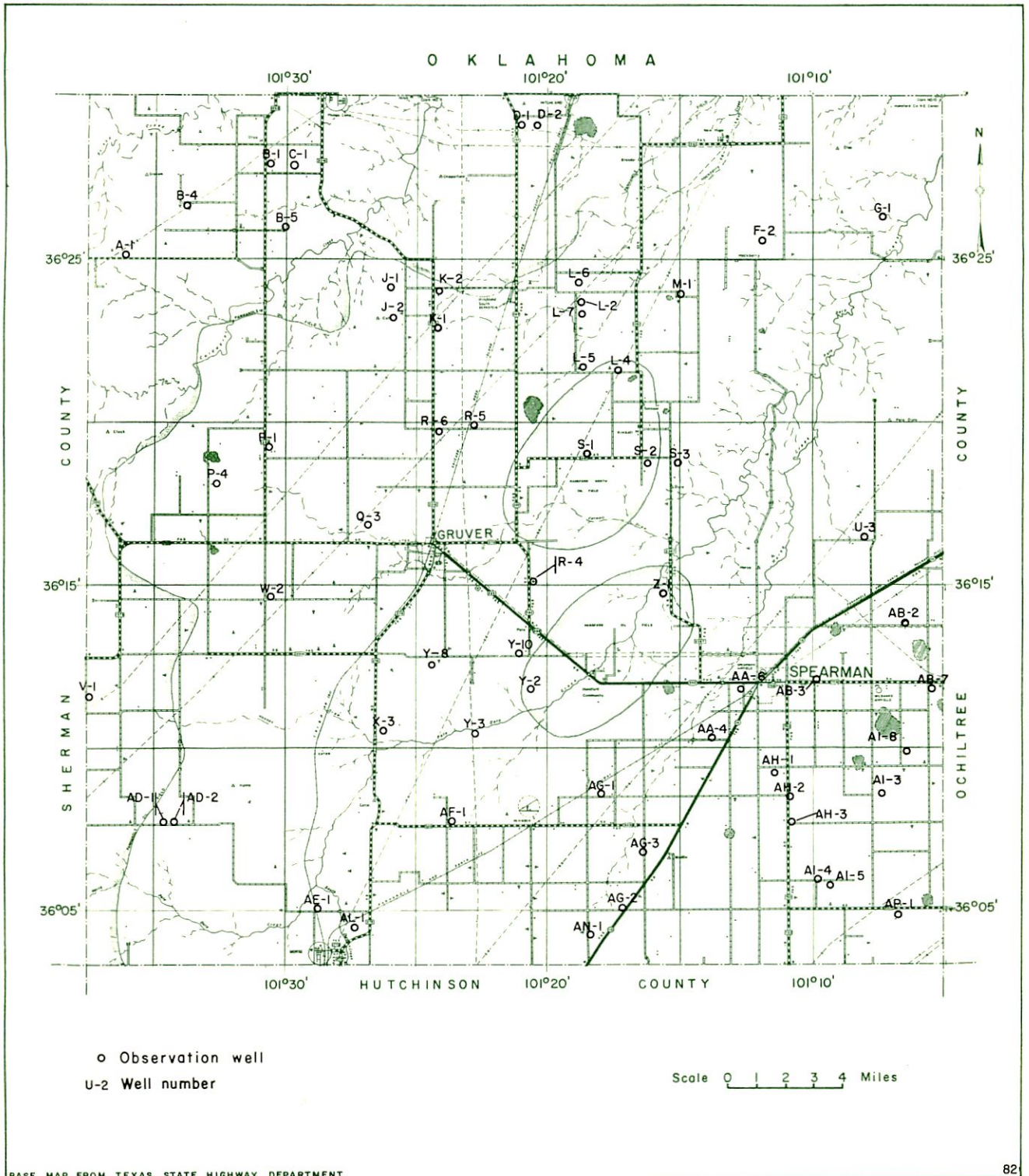
○ Observation well
 AT-3 Well number

Scale 0 1 2 3 4 Miles

LOCATIONS OF OBSERVATION WELLS IN DALLAM COUNTY

WATER-LEVEL MEASUREMENTS IN HANSFORD COUNTY

Well Number Bulletin 6103	District Well No.	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
		1961		1962		
		Date	Water level	Date	Water level	
A-1	140	1/12	137.60	1/24	136.06	+1.54
B-1	136	1/12	189.40	1/24	189.92	-0.52
B-4	221	1/12	210.10	1/24	210.43	-0.33
B-5	284	1/12	185.10	1/24	185.70	-0.60
C-1	135	1/12	194.55	1/24	195.26	-0.71
D-1	68	1/10	191.00	2/15	191.82	-0.82
D-2	69	1/10	189.00	1/24	189.70	-0.70
F-2	61	1/10	190.25	1/23	190.50	-0.25
G-1	244	1/10	48.27	1/23	48.40	-0.13
J-1	133	1/10	220.30	1/24	219.75	+0.55
J-2	203	1/10	222.40	1/23	223.10	-0.70
K-1	130	1/10	224.53	2/15	225.00	-0.47
K-2	132	1/10	213.45	1/24	214.24	-0.79
L-2	78	1/10	207.70	2/15	208.64	-0.94
L-4	83	1/10	214.05	2/15	214.24	-0.19
L-5	84	1/10	216.03	1/23	217.84	-1.81
L-6	75	1/10	204.70	1/23	206.35	-1.65
L-7	272	1/10	203.40	1/23	205.09	-1.69
M-1	74	1/10	186.80	2/15	189.32	-2.52
P-1	208	1/12	179.70	1/19	180.01	-0.31
P-4	118	1/12	181.50	1/19	182.30	-0.80
Q-3	151	1/9	164.90	1/24	166.02	-1.12
R-4	100	1/9	204.55	1/19	204.58	-0.03
R-5	124	1/11	227.00	1/23	228.35	-1.35
R-6	288	1/12	203.20	1/24	204.82	-0.62
S-1	91	1/10	220.40	1/23	221.49	-1.09
S-2	95	1/10	225.90	1/23	226.66	-0.76
S-3	94	1/10	219.55	1/23	220.37	-0.82
U-3	87	1/6	246.70	1/24	247.22	-0.52
V-1	142	1/12	154.20	1/16	155.71	-1.51
W-2	262	1/12	155.10	1/16	155.25	-0.15
X-3	215	1/9	59.40	1/23	60.84	-1.44
Y-2	107	1/6	58.50	1/16	59.87	-1.37
Y-3	108	1/6	25.50	1/23	25.24	+0.26
Y-8	110	1/9	186.00	1/16	186.87	-0.87
Y-10	289	1/6	193.90	1/16	194.31	-0.41
Z-1	102	1/6	75.00	1/23	76.20	-1.20
AA-4	200	1/11	265.35	1/17	266.09	-0.74
AA-6	152	1/6	259.60	2/19	260.69	-1.09
AB-2	40	1/6	276.50	1/16	277.41	-0.91
AB-3	1	1/11	268.35	2/19	271.75	-3.40
AB-7	38	1/11	286.85	1/16	287.66	-0.81
AD-1	259	1/12	158.68	1/16	158.48	+0.20
AD-2	260	1/12	156.50	1/16	156.61	-0.11
AE-1	146	1/12	47.90	1/16	48.49	-0.59
AF-1	238	1/10	205.85	1/23	205.73	+0.12
AG-1	17	1/11	281.15	1/17	283.44	-2.29
AG-2	20	1/11	311.30	1/17	312.00	-0.70
AG-3	268	1/11	298.80	1/17	299.12	-0.32
AH-1	13	1/11	291.90	1/7	292.35	-0.45
AH-2	226	1/11	294.70	2/19	294.27	+0.43
AH-3	227	1/11	298.35	2/19	298.45	-0.10
AI-3	222	1/11	308.40	1/17	309.86	-1.46
AI-4	28	1/11	333.10	1/17	332.32	-0.22
AI-5	273	1/11	337.10	1/17	337.73	-0.63
AI-8	35	1/11	300.15	2/19	300.77	-0.62
AL-1	147	1/11	52.80	1/16	53.46	-0.66
AN-1	25	1/11	295.90	1/17	297.99	-2.09
AP-1	14	1/11	342.40	1/17	343.49	-1.09

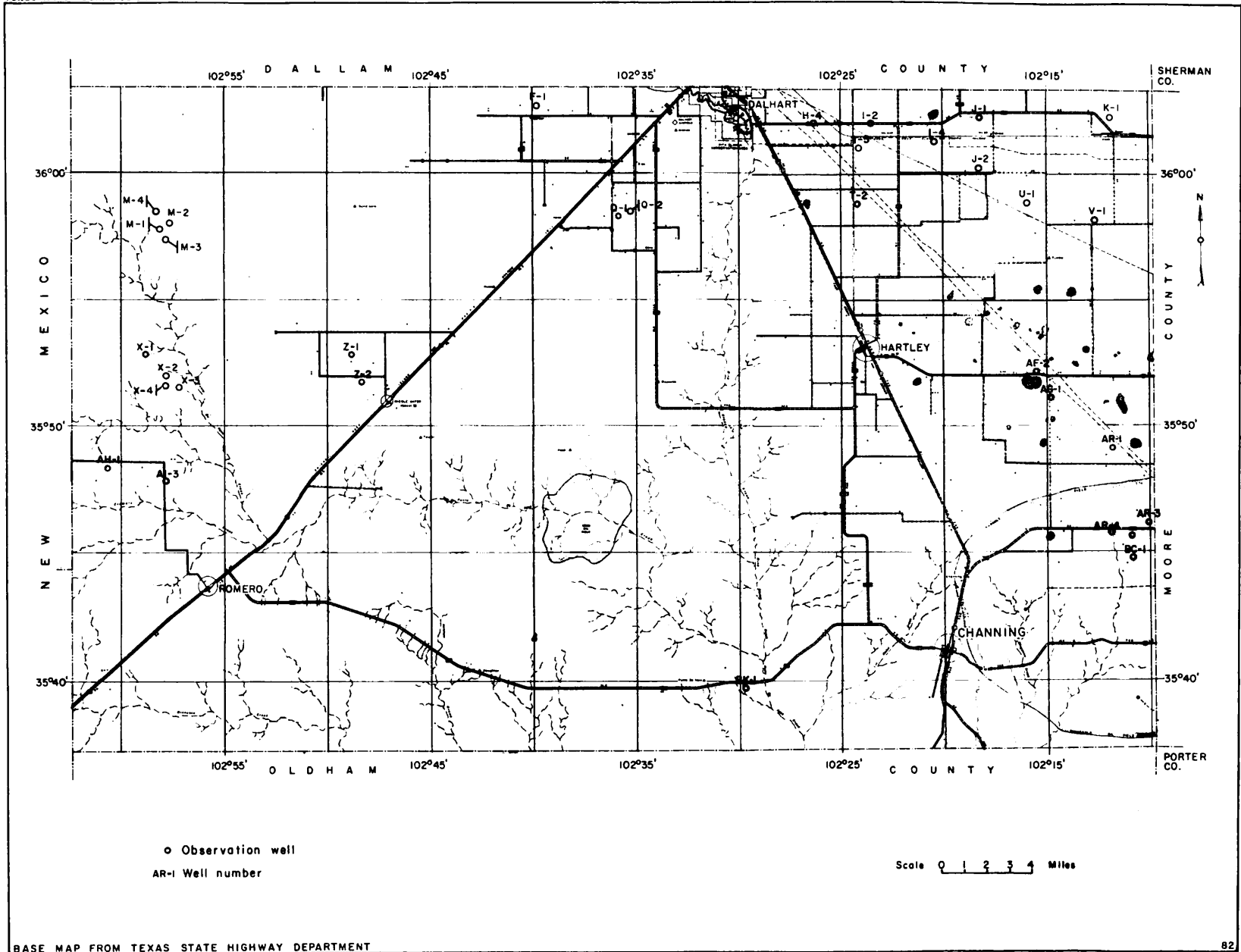


LOCATIONS OF OBSERVATION WELLS IN HANSFORD COUNTY

WATER-LEVEL MEASUREMENTS IN HARTLEY COUNTY

Well Number Bulletin 6103	District Well No.	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
		1961		1962		
		Date	Water level	Date	Water level	
F-1	239	1/24	153.02	2/8	152.85	+0.17
H-4	227	1/20	300.63	2/8	300.85	-0.22
I-2	14	1/20	314.06	2/8	314.55	-0.49
I-4	218	1/20	321.75	2/8	321.65	+0.10
I-5	217	1/24	304.23	2/8	304.20	+0.03
J-1	202	1/20	300.34	2/8	300.52	-0.18
J-2	252	1/20	307.82	2/8	307.88	-0.06
K-1	242	1/20	282.38	2/8	283.03	-0.65
M-1	220	2/1	116.20	2/9	119.87	-3.67
M-2	221	2/1	123.07	2/9	126.05	-2.98
M-3	231	2/1	117.20	2/9	119.32	-2.12
M-4	232	2/1	122.50	2/9	125.00	-2.50
Q-1	219	1/24	183.36	2/8	183.44	-0.08
Q-2	228	1/24	185.43	2/8	184.83	+0.60
T-2	215	1/16	331.80	2/8	331.84	-0.04
U-1	27	1/20	308.06	2/7	307.96	+0.10
V-1	241	1/20	300.70	2/7	301.18	-0.48
X-1	1	1/26	134.55	2/9	137.37	-2.82
X-2	4	1/24	148.36	2/9	153.22	-4.86
X-3	2	1/26	136.24	2/9	138.35	-2.11
X-4	3	1/26	147.87	2/9	154.32	-6.45
Z-1	11	1/24	201.85	2/9	201.52	+0.33
Z-2	12	1/24	199.58	2/9	200.13	-0.55
AF-2	237	1/16	327.97	2/7	327.53	+0.44
AG-1	201	1/16	321.13	2/7	321.07	+0.06
AH-1	5	1/26	186.48	2/9	188.42	-1.94
AI-3	10A	1/26	133.81	2/9	134.75	-0.94
AR-1	29	1/16	313.94	2/7	314.10	-0.16
AR-3	33	1/18	303.76	2/7	304.10	-0.34
AR-4	206	1/18	296.00	2/7	296.04	-0.04
BC-1	203	1/18	289.25	2/7	288.76	+0.49
BK-1	36	1/26	34.32	2/9	33.90	+0.42

Texas Water Commission

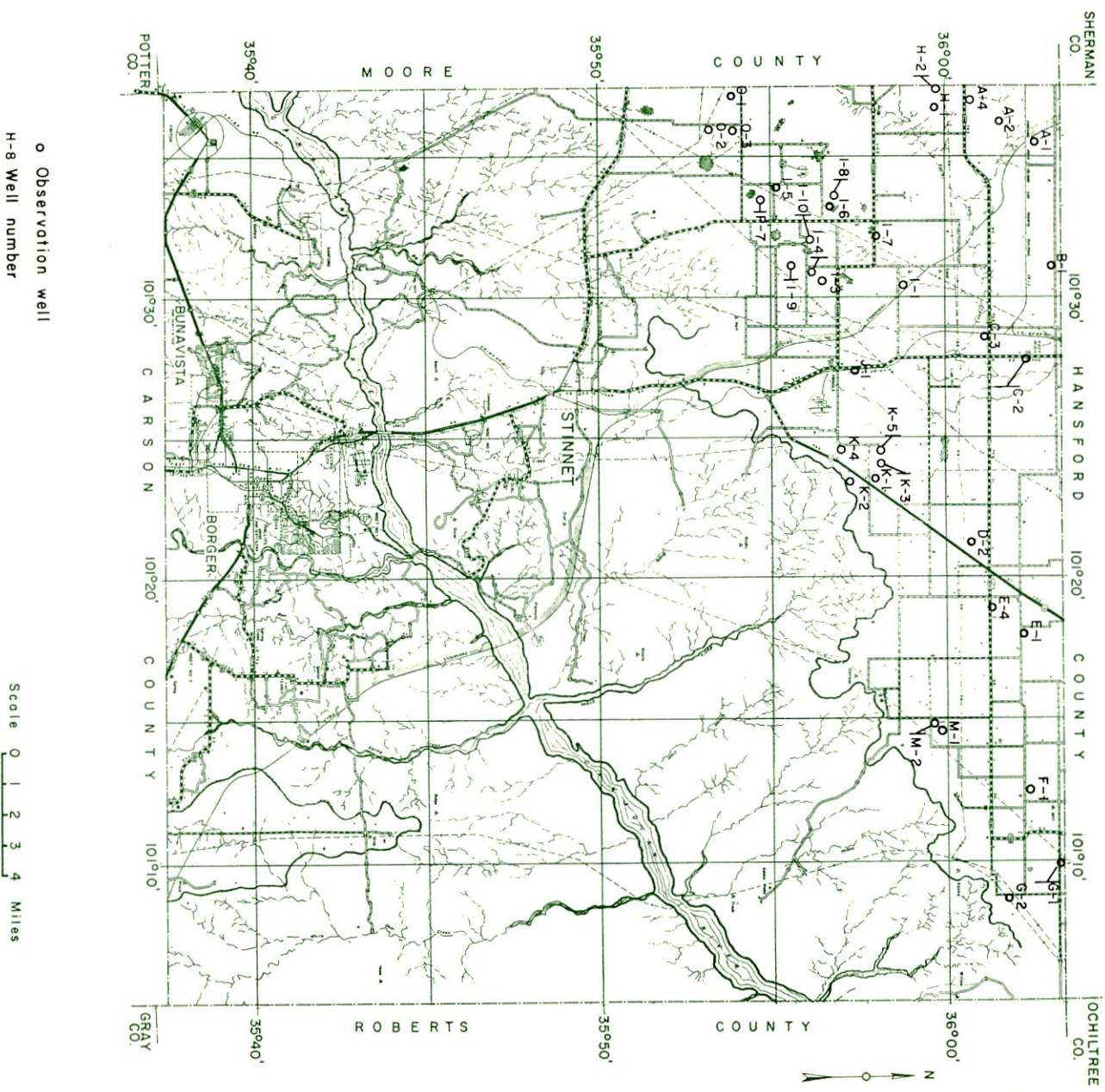


BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

LOCATIONS OF OBSERVATION WELLS IN HARTLEY COUNTY

WATER-LEVEL MEASUREMENTS IN HUTCHINSON COUNTY

Well Number Bulletin 6103	District Well No.	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
		1961		1962		
		Date	Water level	Date	Water level	
A-1	14	1/4	144.85	1/16	146.88	-2.03
A-2	16	1/5	150.51	1/16	151.33	-0.82
A-4	278	7/5	158.90	1/17	159.68	-0.78
B-1	207A	1/4	153.51	1/16	155.64	-2.13
C-2	7	1/4	91.24	1/16	91.87	-0.63
C-3	8	1/4	111.33	1/24	111.06	+0.27
D-2	1	1/4	276.63	1/24	276.98	-0.35
E-1	41	1/4	292.04	1/17	293.23	-1.19
E-4	233	1/4	283.16	1/17	284.91	-1.75
F-1	46	1/4	340.26	1/17	341.70	-1.44
G-1	48	1/4	344.33	1/17	345.41	-1.08
G-2	49A	1/4	363.18	1/17	363.18	-0.72
H-1	240	1/5	164.48	1/16	165.48	-1.00
H-2	267	3/11	165.05	1/16	166.70	-1.65
I-1	204	1/4	198.54	1/24	200.00	-1.46
I-3	215	1/5	237.95	1/26	239.36	-1.41
I-4	33	1/5	242.99	1/26	245.14	-2.15
I-5	214A	1/5	240.99	1/26	243.47	-2.48
I-6	220	1/5	216.53	1/26	218.34	-1.81
I-7	210	1/5	208.97	1/24	209.85	-0.88
I-8	219	2/22	212.07	1/26	214.32	-2.25
I-9	227	1/5	249.68	1/26	251.85	-2.17
I-10	235	2/16	242.50	1/26	244.68	-2.18
J-1	34	1/5	215.93	1/26	215.96	-0.03
K-1	9	1/4	266.77	1/24	266.10	+0.67
K-2	13	1/4	267.99	1/24	268.11	-0.12
K-3	224	2/22	265.40	1/24	266.02	-0.62
K-4	238	4/3	270.42	1/24	270.70	-0.28
K-5	262	2/22	253.74	1/24	254.39	-0.65
M-1	51	--	--	1/17	331.90	--
M-2	52	1/4	329.00	1/17	330.41	-1.41
O-1	226	1/5	228.25	1/15	229.99	-1.74
O-2	213	1/5	242.42	1/5	244.55	-2.13
O-3	242	1/6	243.70	1/15	245.02	-1.32
P-7	230	2/16	244.90	1/26	246.47	-1.57



BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

LOCATIONS OF OBSERVATION WELLS IN HUTCHINSON COUNTY

WATER-LEVEL MEASUREMENTS IN LIPSCOMB COUNTY

Well Number Bulletin 6103	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
	1961		1962		
	Date	Water level	Date	Water level	
A-1	1/9	211.99	1/24	210.01	+1.98
B-1	1/9	201.68	1/24	201.58	+0.10
I-1	1/9	190.74	1/24	190.96	-0.22
J-1	1/9	174.60	1/24	174.42	+0.18

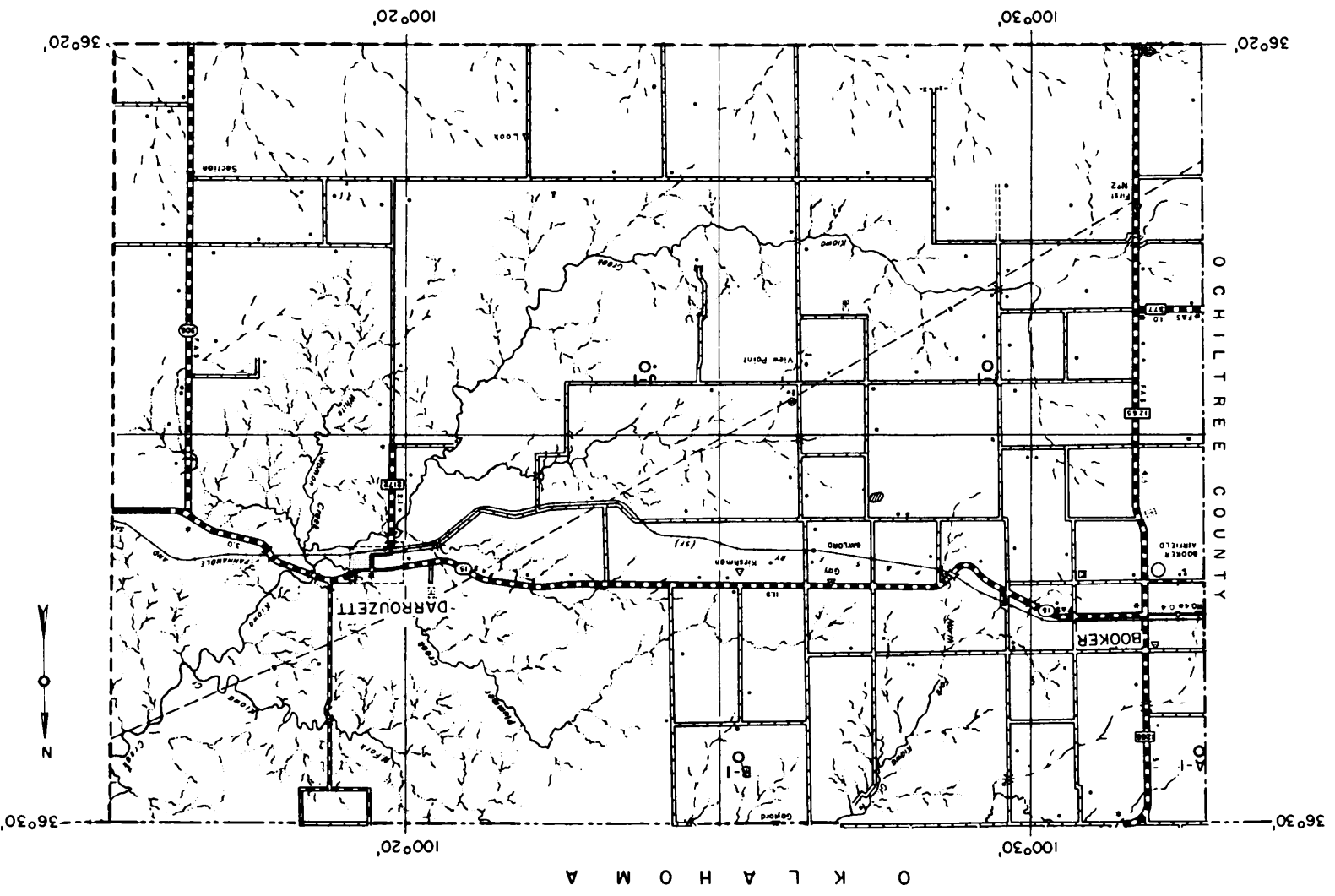
LOCATIONS OF OBSERVATION WELLS IN LIPSCOMB COUNTY

BASE MAP FROM TEXAS HIGHWAY DEPARTMENT (ONLY PORTION OF LIPSCOMB CO. SHOWN)

82

O Observation well
B-1 Well number

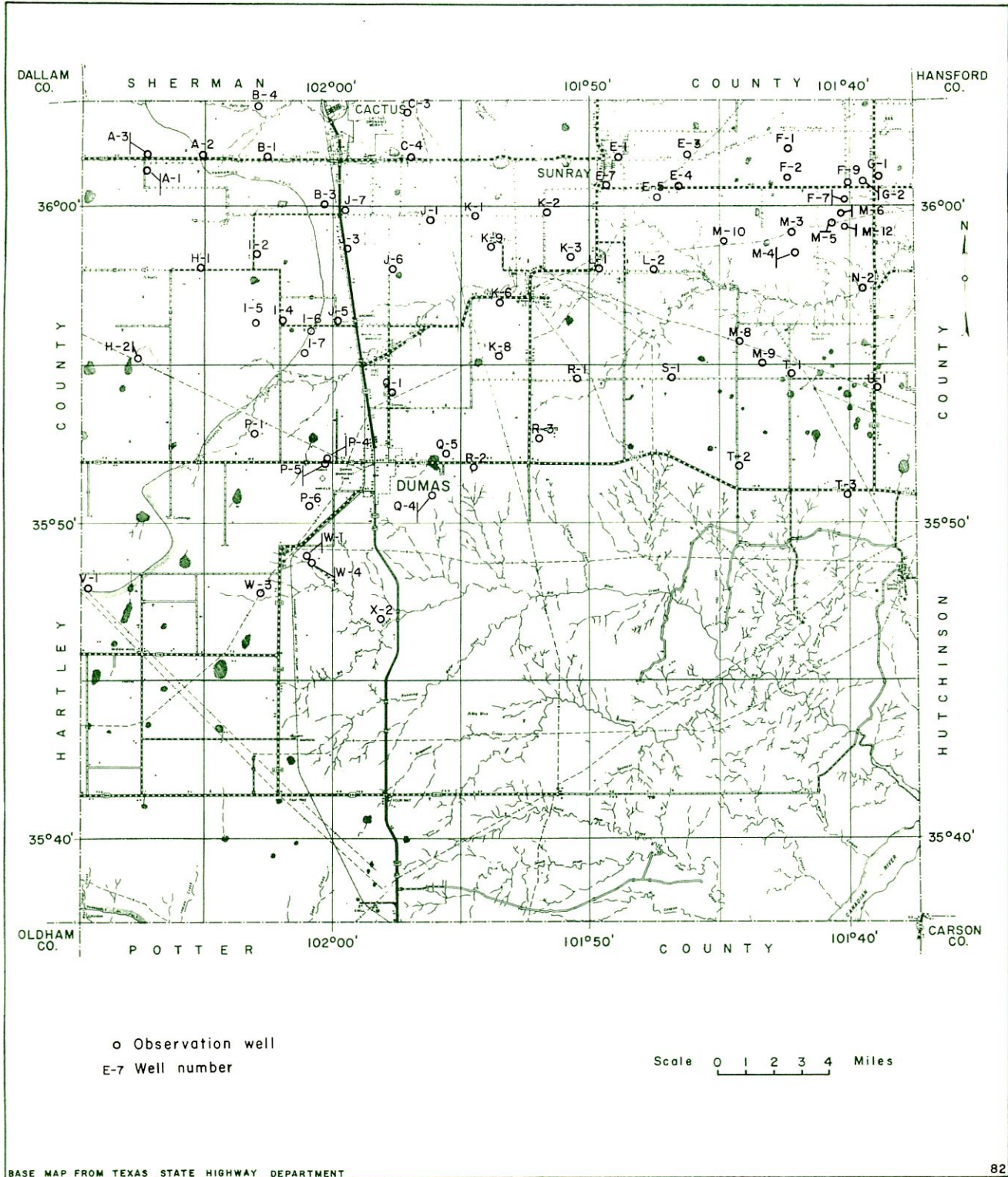
Scale 0 1 2 3 4 Miles



Texas Water Commission

WATER-LEVEL MEASUREMENTS IN MOORE COUNTY

Well Number Bulletin 6103	District Well No.	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
		1961		1962		
		Date	Water level	Date	Water level	
A-1	257	1/12	249.25	1/30	249.95	-0.70
A-2	16	1/12	230.32	1/30	230.96	-0.64
A-3	312	1/12	248.80	1/30	249.58	-0.78
B-1	216	1/12	215.32	1/30	216.10	-0.78
B-3	267	1/12	221.90	1/30	222.85	-0.95
B-4	321	2/14	212.05	2/8	212.67	-0.62
C-3	24	1/12	204.38	2/3	203.96	+0.42
C-4	27	1/12	202.88	2/3	203.64	-0.76
E-1	42	--	--	2/3	182.24	--
E-3	181	1/10	195.30	1/31	197.08	-1.78
E-4	47	1/10	206.85	1/31	209.20	-2.35
E-5	46	1/10	204.31	1/31	207.57	-3.26
E-7	39	1/10	191.33	1/21	192.56	-1.23
F-1	69	1/10	169.44	1/31	170.61	-1.17
F-2	68	1/10	182.75	1/31	184.78	-2.03
F-7	72	1/6	176.38	1/31	177.25	-0.87
F-9	372	1/6	168.94	1/31	170.73	-1.79
G-1	221	1/6	161.50	1/31	162.60	-1.10
G-2	184	2/22	165.40	1/31	167.18	-1.78
H-1	83	1/12	261.88	1/30	262.30	-0.42
H-2	343	1/13	267.78	1/29	268.00	-0.22
I-2	9	1/12	231.00	1/30	231.46	-0.46
I-4	252	1/13	241.59	1/29	242.22	-0.63
I-5	255	1/13	242.80	1/29	244.87	-2.07
I-6	315	2/24	232.96	2/8	233.30	-0.34
I-7	330	2/24	227.05	2/8	227.52	-0.47
J-1	228	1/11	210.69	2/8	212.33	-1.64
J-3	10	1/12	224.02	2/8	225.12	-1.10
J-5	201	1/11	215.27	1/29	215.90	-0.63
J-6	262	1/10	215.12	2/8	216.88	-1.76
J-7	12	1/12	218.92	1/30	220.40	-1.48
K-1	32	1/10	204.84	2/3	206.45	-1.61
K-2	33	1/18	200.77	2/3	202.29	-1.52
K-3	101	1/10	197.32	2/3	199.32	-2.00
K-6	260	1/10	197.75	2/3	198.02	-0.27
K-8	301	1/10	205.81	2/2	206.95	-1.14
K-9	124	1/10	217.17	2/3	219.75	-2.58
L-1	98	1/10	194.70	2/3	196.40	-1.70
L-2	52	1/10	180.49	2/2	181.75	-1.26
M-3	65	1/9	193.58	1/31	194.94	-1.36
M-4	64	1/9	190.03	1/31	191.65	-1.62
M-5	74	3/2	182.50	1/31	184.91	-2.41
M-6	73	1/6	178.35	1/31	179.00	-0.65
M-8	205	1/9	164.48	2/2	165.62	-1.14
M-9	271	1/9	185.47	2/2	186.20	-0.73
M-10	54	1/9	188.86	2/2	190.25	-1.39
M-12	290	1/6	176.57	1/31	177.60	-1.03
N-2	75	1/6	114.54	1/31	115.05	-0.51
P-1	147	1/13	247.73	1/29	248.20	-0.47
P-4	146	1/18	257.34	1/29	256.36	+0.98
P-5	145	1/18	262.55	1/29	261.93	+0.62
P-6	153	1/18	274.03	2/7	274.34	-0.31
Q-1	137	1/10	240.19	2/3	240.80	-0.61
Q-4	223	1/9	247.44	2/2	246.75	+0.69
Q-5	142	1/9	241.01	2/2	241.12	-0.11
R-1	263	1/10	202.80	2/2	203.30	-0.50
R-2	143A	1/18	252.40	2/2	254.62	-2.22
R-3	202	1/19	236.60	2/2	236.73	-0.13
S-1	84	1/10	181.70	2/2	183.18	-1.48
T-1	215	1/9	183.90	2/2	185.62	-1.72
T-2	87	1/9	202.30	2/2	202.88	-0.58
T-3	214	1/6	228.13	2/2	228.94	-0.81
U-1	76	2/6	207.05	2/2	209.78	-2.73
V-1	285	1/13	312.27	2/7	313.43	-1.16
W-1	154	1/18	269.20	2/7	268.82	+0.38
W-3	233	1/31	286.93	2/7	287.21	-0.28
W-4	322	1/18	251.04	2/7	250.72	+0.32
X-2	155	1/18	101.09	--	101.62	-0.53



LOCATIONS OF OBSERVATION WELLS IN MOORE COUNTY

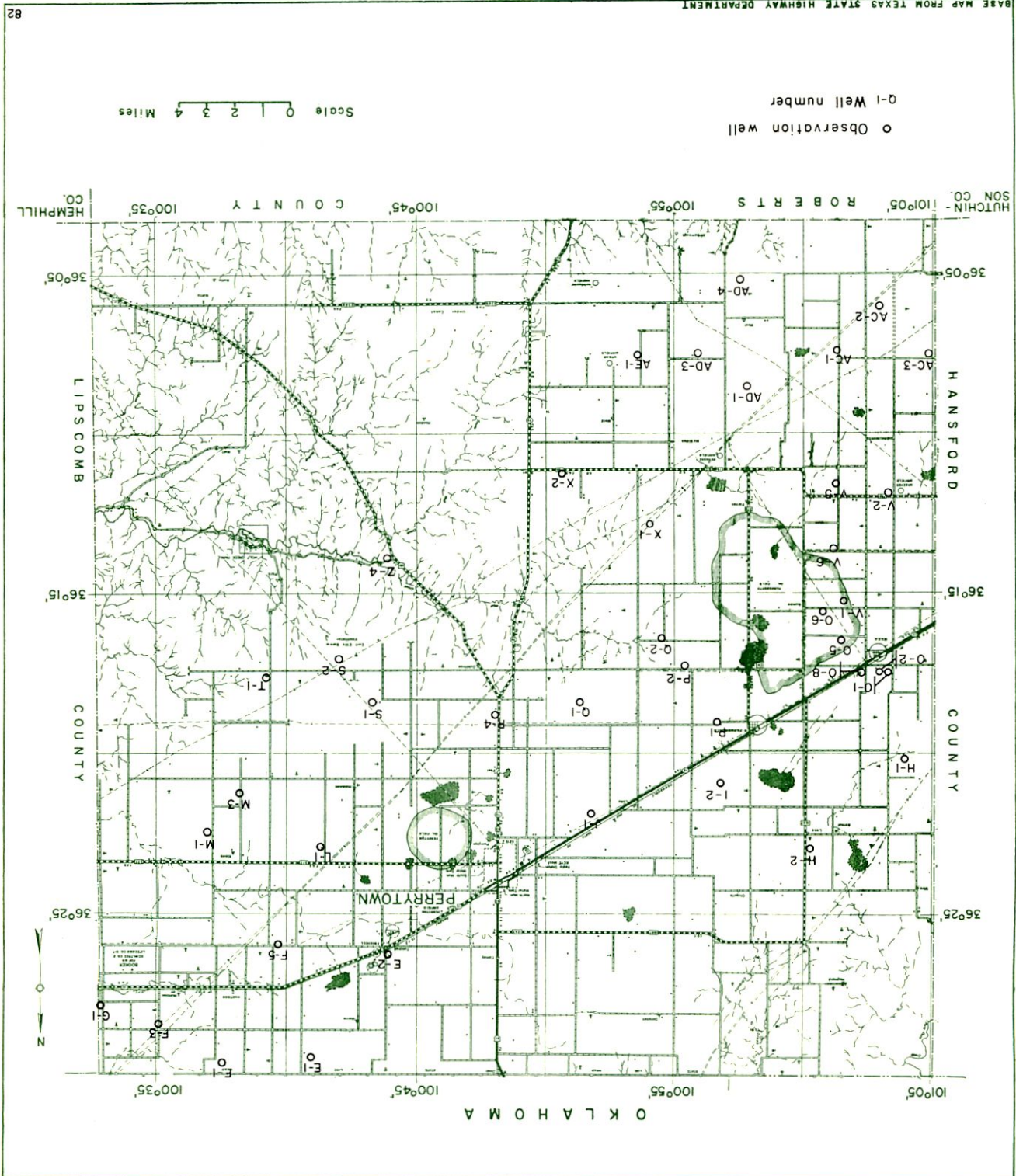
WATER-LEVEL MEASUREMENTS IN OCHILTREE COUNTY

Well Number Bulletin 6103	District Well No.	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
		1961		1962*		
		Date	Water level	Date	Water level	
E-1	31	1/4	233.00	12/18	232.62	+0.38
E-2	42	1/4	237.45	12/19	237.60	-0.15
F-1	39	1/4	215.70	12/28	215.69	+0.01
F-3	30	1/4	210.20	12/18	211.75	-1.55
F-5	204	1/4	234.75	12/18	234.03	+0.72
G-1	53	1/4	206.70	12/18	206.54	+0.16
H-1	4	1/6	225.20	12/27	225.72	-0.52
H-2	244	1/6	242.85	12/26	243.00	-0.15
I-2	1	1/6	248.55	12/26	250.13	-1.58
J-1	3	1/5	249.75	12/18	250.93	-1.18
L-1	212	1/4	244.50	12/29	243.11	+1.39
M-1	11	2/25	233.85	12/28	235.63	-1.78
M-3	211	1/4	234.10	12/25	233.05	+1.05
O-1	213	1/6	249.70	12/27	250.60	-0.90
O-2	214	--	--	12/27	250.25	--
O-5	203	1/5	243.90	12/26	244.57	-0.67
O-6	32	1/5	247.90	12/26	248.67	-0.77
O-8	243	2/13	243.72	12/27	244.47	-0.75
P-1	223	1/6	243.22	12/27	244.20	-0.98
P-2	200	3/24	240.35	12/27	241.52	-1.17
Q-1	202	1/5	254.20	12/27	254.43	-0.23
Q-2	49	1/9	244.80	12/27	244.48	+0.32
R-4	221	1/5	262.70	12/29	262.83	-0.13
S-1	54	1/5	202.25	12/29	204.05	-1.80
S-2	216	--	--	12/28	235.80	--
T-1	38	1/5	258.50	12/28	261.64	-3.14
V-1	222	1/5	262.20	12/26	263.12	-0.92
V-2	9	--	--	12/26	293.13	--
V-5	230	1/5	286.00	12/22	286.80	-0.80
V-6	56	3/23	260.73	12/22	261.20	-0.47
X-1	22	1/9	275.20	12/27	275.87	-0.67
X-2	45	1/5	304.35	12/19	305.30	-0.95
Z-4	14	4/18	79.20	12/19	79.35	-0.15
AC-1	51	1/5	341.75	12/19	342.28	-0.53
AC-2	18	--	--	12/18	348.22	--
AC-3	248	--	318.20	12/19	319.40	-1.20
AD-1	227	--	--	12/22	327.63	--
AD-3	2	--	--	12/19	346.75	--
AD-4	44	--	--	12/22	382.56	--
AE-1	27	1/9	357.80	12/19	357.93	-0.13

*The 1962 measurements were actually made in December 1961.

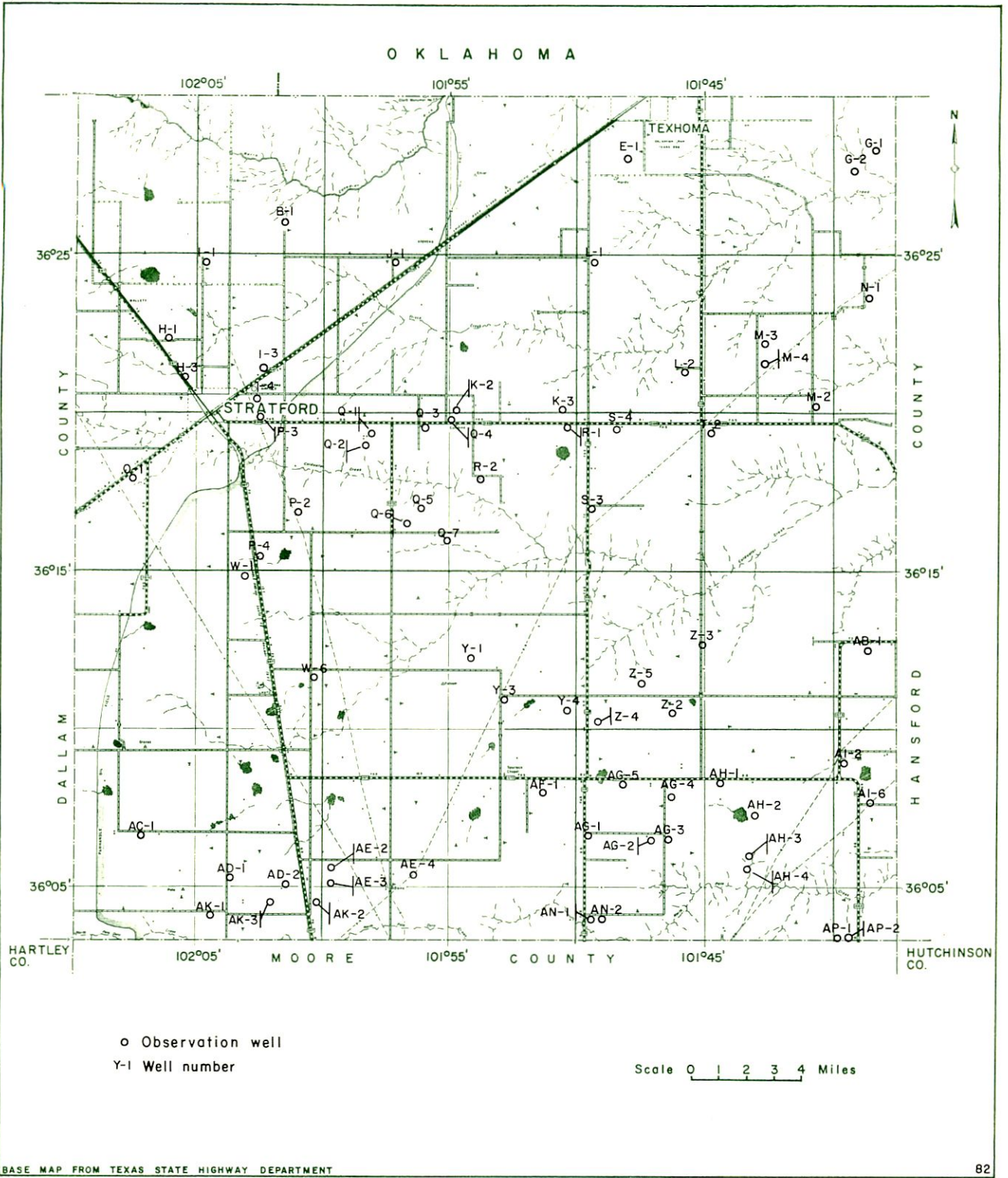
LOCATIONS OF OBSERVATION WELLS IN OCHILTREE COUNTY

BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT



WATER-LEVEL MEASUREMENTS IN SHERMAN COUNTY

Well Number Bulletin 6103	District Well No.	Water level, in feet, below land surface datum				Decline (-) or Rise (+) in water level from 1961 to 1962
		1961		1962		
		Date	Water level	Date	Water level	
B-1	2	1/13	175.90	2/12	176.31	-0.41
E-1	87	1/13	--	2/13	231.17	--
G-1	112	1/13	75.05	2/13	75.19	-0.14
K-2	111	1/13	82.40	1/23	83.08	-0.68
H-1	221	1/19	216.80	1/24	216.30	+0.50
H-3	1	1/19	215.40	2/12	215.32	+0.08
I-1	3	1/13	207.40	2/12	207.80	-0.40
I-3	78	1/13	178.00	1/23	178.98	-0.98
I-4	50	1/19	199.35	2/12	199.91	-0.56
J-1	37	1/13	139.20	1/23	139.75	-0.55
K-2	202	2/3	186.30	2/13	187.92	-1.62
K-3	270	1/17	189.80	1/23	190.34	-0.54
L-1	259	1/13	227.22	1/23	230.25	-3.03
L-2	21	1/13	184.20	1/23	184.45	-0.25
M-2	92	1/17	156.50	1/23	158.86	-2.36
M-3	250	1/13	176.55	1/2	176.11	+0.44
M-4	303	1/17	178.45	1/23	179.17	-0.72
N-1	33	1/12	166.10	1/23	166.37	-0.27
O-1	214	1/13	207.80	1/24	210.10	-2.30
P-2	207	1/13	184.20	2/12	184.76	-0.56
P-3	4	1/19	203.90	2/12	204.38	-0.48
P-4	273	1/19	187.15	2/15	188.20	-1.05
Q-1	5	1/17	185.15	1/22	186.23	-1.08
Q-2	210	1/17	181.85	1/23	183.00	-1.15
Q-3	114	2/3	181.80	2/23	183.33	-1.53
Q-4	201	2/3	184.55	1/23	186.05	-1.50
Q-5	218	2/3	171.65	2/12	172.38	-0.73
Q-6	108	2/3	179.10	2/23	180.48	-1.38
Q-7	213	1/17	168.30	1/23	169.98	-1.68
R-1	252	1/17	188.05	2/13	188.42	-0.37
R-2	241	2/3	173.25	1/23	174.64	-1.39
S-3	39	1/17	176.35	1/23	177.43	-1.08
S-4	272	1/17	194.80	1/23	196.11	-1.31
T-2	84	1/17	197.10	1/23	198.11	-1.01
W-1	222	1/19	194.10	1/24	195.06	-0.96
W-6	93	1/16	179.00	1/24	179.70	-0.70
Y-1	217	1/16	169.00	1/29	170.15	-1.15
Y-3	42	1/16	157.41	1/24	159.31	-1.90
Y-4	26	1/20	183.00	1/24	183.55	-0.55
Z-2	63	2/3	179.45	1/24	181.54	-2.09
Z-3	287	1/18	168.10	1/24	169.24	-1.14
Z-4	27	1/20	194.90	1/24	195.63	-0.73
Z-5	72	1/19	186.40	1/24	188.54	-2.14
AB-1	60	1/18	151.00	1/24	152.27	-1.27
AC-1	34	1/19	220.65	3/5	221.33	-0.68
AD-1	48	1/19	207.50	1/24	207.66	-0.16
AD-2	46	1/31	195.27	2/12	196.70	-1.43
AE-2	38	1/16	196.45	1/24	197.08	-0.63
AE-3	236	1/16	199.95	1/24	200.68	-0.73
AE-4	9	1/16	192.40	1/24	192.88	-0.48
AF-1	82	1/20	213.60	1/24	214.60	-1.00
AG-1	52	2/3	197.50	2/13	198.73	-1.23
AG-2	53	1/18	178.85	1/24	180.57	-1.72
AG-3	225	2/3	170.60	1/24	173.93	-3.33
AG-4	276	2/3	180.15	1/24	183.05	-2.90
AG-5	65	1/20	195.20	1/24	197.72	-2.52
AH-1	55	2/3	159.30	1/24	161.89	-2.59
AH-2	91	1/18	158.45	1/24	160.70	-2.25
AH-3	230	1/18	155.35	2/13	156.90	-1.55
AH-4	206	2/3	157.70	1/24	159.48	-1.78
AI-2	32	1/18	145.00	1/29	146.64	-1.64
AI-6	257	1/12	149.85	2/13	150.26	-0.41
AK-1	226	1/19	224.10	1/24	225.20	-1.10
AK-2	304	1/31	206.95	2/12	209.03	-2.08
AK-3	265	1/31	204.75	2/20	205.75	-1.00
AN-1	13	2/22	172.35	2/13	174.44	-2.09
AN-2	14	2/22	173.20	2/13	175.95	-2.75
AP-1	94	1/18	150.80	1/24	152.19	-1.39
AP-2	95	1/18	147.20	1/24	148.10	-0.90



LOCATIONS OF OBSERVATION WELLS IN SHERMAN COUNTY