* Analyses does not agree with card in OW files

Table 3.--Chemical analyses of water from wells and test holes in the McGregor Range area, Otero and Doña Ana Counties, New Mexico and El Paso County, Texas
(Chemical constituents in parts per million)

Location number	Depth of well or interval sampled (feet)	Date of collection	Silica (SiO_2)	Calcium (Ca)	Magnesium (Mg)	Sodium plus potassium (Na + K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Dissolved solids	Hardness as $CaCO_3$ Noncarbonate	Hardness as $CaCO_3$ Total	Percent sodium (% Na)	Specific conductance (micromhos at 25°C)	pH
									New Mexico									
23.6.35.100	423-450	Mar. 30,'53	-	-	-	-	41	1,410	6,710	-	-	-	-	-	7,950	-	19,000	6.5
24.7.34.144	400-447	July 13,'53	14	22	2.8	336 + 3.7	96	387	232	1.1	0.5	0.34	1,050	0	66	91	1,800	7.7
25.5.36.111	419-451	April 10,'53	8.8	48	8.7	111 + 8.2	72	63	200	.6	7.0	.08	504	-	156	59	915	7.4
25.6.4.110	489-514	Mar. 31,'53	24	1,250	282	824	36	1,210	3,390	.0	-	-	7,000	4,250	4,280	30	11,000	6.7
25.6.20.343	440	May 5, 57	39	132	33	131	91	50	438	.4	6.3	-	875	390	465	-	1,640	7.5
25.6.20.343									456								1,740	
25.6.28.444	339-421	April 17,'53	55	298	106	461 +24	92	779	940	.4	4.2	.25	2,690	1,100	1,180	45	4,150	7.5
*25.7.16.121	441	Oct. 7, 56	11	27	2.4	390	76	310	380	.9	2.0	-	1,160	15	78	-	2,350	7.6
25.7.16							75		308					40	102		1,960	7.6
25.8.32.333	745	Jan. 29,'57	53	403	80	2,530	240	859	4,060	4.7	-	-	8,980	1,140	1,330	80	14,500	6.8
26.6.23.442 a/	310-380	Jan. 4, '57	20	116	43	279	84	215	550	.6	3.6	-	1,420	398	466	-	2,310	7.5
26.6.34.130	332	Sept. 23,'35	-	70	17	133	98	38	290	-	5.2	-	602	-	245	-	-	-
26.7.1.241 b/	400-435	Oct. 7, '56	9.2	20	4.3	386	133	363	294	1.5	1.2	-	1,140	0	68	93	1,930	7.9
	400-435 1/	Oct. 8, '56	-	-	-	-	234	-	280	-	-	-	-	0	96	-	1,940	7.7
	435-465 2/	Oct. 18,'56	-	-	-	-	115	-	308	-	-	-	-	36	130	-	1,990	7.3
	435-465	Oct. 18,'56	14	31	5.5	367	115	85	502	2.4	1.8	-	1,070	6	100	89	1,980	7.7
	465-504	Oct. 23,'56	18	29	4.7	336	86	133	505	3.6	1.6	-	1,120	22	92	90	2,050	8.0
	504	Dec. 6, '56	44	9.9	5.5	401	223	99	445	1.6	1.2	-	1,170	0	47	95	2,030	7.7
26.7.32.122	435	May 1, '53	-	-	-	-	118	-	720	-	-	-	-	-	580	-	3,370	7.6
	435	May 3, '53	21	160	52	648 +12	86	901	710	.5	1.0	.24	2,550	542	613	69	3,890	7.6
	585-610	Mar. 19,'53	5.3	113	26	534 + 9.4	59	622	610	.3	.0	.22	1,950	340	389	74	3,210	7.3
	715-740	Mar. 20,'53	14	34	5.7	336 + 4.5	81	70	505	.7	.0	.35	1,010	42	108	86	1,930	7.4
	852-880	Mar. 22,'53	21	90	5.5	541 + 5.6	47	44	950	1.0	.0	.36	1,680	208	247	82	3,220	7.3
26.7.35.230	400	Aug. 10,'35	-	-	-	-	176	-	91	-	-	-	-	-	33	-	-	-
26.8.2.131 c/	547-597	Dec. 6, '56	10	119	40	458	126	688	450	1.1	1.2	-	1,370	358	462	68	2,890	7.6
	635-705	Dec. 12,'56	8.6	223	95	480	162	1,210	420	1.4	2.4	-	2,620	814	947	52	3,590	7.6
26.8.5.332 3/	451.6	1945	58	542	108	-	-	820	6,590	-	80	-	8,740	-	220	-	-	-
26.8.32.111	645-690	June 21,'53	8.7	119	17	880 + 9.3	53	163	1,450	.9	.5	.33	2,670	324	367	83	4,360	7.4
26.8.33.120	300	-	34	50	12	83	134	136	41	.6	54	-	485	64	174	-	715	8.1
									Texas									
1.80.1.111	506-525	Mar. 4, '53	22	149	37	212 +15	72	70	612	.5	4.0	.36	1,160	465	524	46	2,130	7.5
~~1.80.4.222~~	~~457-500~~	~~May 18, '53~~	~~16~~	~~108~~	~~20~~	~~207 +12~~	~~91~~	~~36~~	~~492~~	~~.3~~	~~5.9~~	~~.16~~	~~943~~	~~277~~	~~352~~	~~55~~	~~1,850~~	~~7.2~~
	520	June 10,'53	33	133	27	330 +11	60	11	795	.0	5.4	.09	1,380	394	443	61	2,700	7.5
1.80.6.222	444-484	May 20, '53	3.4	94	21	363 +13	101	107	660	.7	.2	.14	1,310	-	321	70	2,490	7.4
	555-595	May 21, '53	5.5	176	44	1,050	61	280	1,820	.5	.0	-	3,410	-	620	79	6,190	7.0
1.80.7.444 4/	602-662	April 1955	-	52	12	267 -	285	126	252	-	-	-	1,067	-	180	-	-	-
	726-746	April 1955	-	84	16	325 -	93	74	580	-	-	-	1,239	-	276	-	-	-
	836-857	April 1955	-	93	20	527 -	116	85	896	-	-	-	1,818	-	315	-	-	-
	860	May 1955	-	48	10	162 -	100	33	306	-	-	-	715	-	161	-	-	-
1.80.8.330 4/	540-560	June 1955	-	37	6	145 -	88	20	232	-	-	-	580	-	117	-	-	-
	377-845	July 1955	-	51	8	205 -	98	21	356	-	-	-	782	-	160	-	-	-
1.80.19.344	539-573	May 25, '53	29	30	9.6	103 11	176	80	88	.7	4.3	.32	447	-	114	64	756	7.9
	662-708	May 27, '53	28	24	6.9	93 9.4	152	61	79	.7	4.6	.30	384	-	88	67	656	7.9
	730-776	do.	7.2	17	3.9	105 8.8	142	61	83	.7	5.2	.13	370	-	58	77	651	7.8
	870-916	May 28, '53	22	38	11	154 12	98	38	258	.6	2.8	.16	603	-	140	68	1,100	7.3
	968-1032	May 29, '53	22	119	27	408 15	72	66	840	.3	.0	.18	1,530	-	408	68	3,030	7.1
1.80.23.444	-	April 3,'36	-	35	8.8	116	146	54	139	-	5.0	-	430	-	124	-	-	-
1.80.24.333	450	1953	32	27	7.4	91 + 6.4	151	53	89	.5	5.0	.16	586	0.0	98	-	641	7.6
	461-507	1953	25	36	8.3	124 + 7.8	133	67	158	.6	4.5	.25	498	15	124	-	885	7.9
	648-694	1953	26	162	51	508	57	48	1,130	.2	.0	-	1,970	567	614	-	3,760	7.2
	927-973	1953	25	148	47	1,170	96	137	2,040	.6	-	-	3,610	484	563	-	6,360	7.1

1/ After overnight recovery.
2/ First water bailed after overnight recovery.
3/ Reported chemical analysis El Paso Testing Lab.
4/ Reported chemical analysis Curtis Lab.

a/ Test hole T-5
b/ Test hole T-1
c/ Test hole T-2

Plunged w/ tank temp