TABLE 3

ANALYSES OF SAMPLES FROM PRIVATELY OWNED WELLS WITHIN TUCUMCARI IRRIGATION PROJECT, NEW MEXICO

(Parts per million except Specific Conductance.)

Well number	Date of collection	Depth (feet)	Specific conductance (micromhos at 25°C)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na+K)	Carbonate (CO_3)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids	Total hardness as $CaCO_3$	Percent sodium
10.31. 2.10	9-27-48	-	1,220	-	-	-	20	412	203	42	-	-	-	-	-
3. 7	7-30-48	-	1,090	10	10	260	22	588	80	19	0.4	1.9	693	66	90
12.15	7-30-48	-	1,820	117	59	227	0	257	561	143	.9	11	1,270a	534	48
13. 2	10- 8-48	12	1,330	-	-	-	0	604	-	46	-	-	-	-	-
13.15	10-12-48	95	2,500	52	68	448	0	516	741	134	-	0	1,700	409	70
10.32. 9. 8	10- 8-48	-	1,320	22	14	284	12	584	161	42	-	6.2	829	112	85
16.15	10- 8-48	-	2,900	-	-	-	18	650	-	231	-	-	-	-	-
17. 2	10- 8-48	-	2,090	-	-	-	26	495	444	132	-	-	-	-	-
17.14	10- 8-48	-	1,760	2.0	3.7	431	49	636	267	53	-	1.2	1,120	20	98
19. 2	10-12-48	-	1,920	-	-	-	24	574	-	72	-	-	-	-	-
28.15	10-12-48	50	2,040	-	-	-	14	488	380	169	-	-	-	-	-
10.33. 32. 9	10-12-48	12	1,470	12	8.3	332	18	522	233	60	-	.6	921	64	92
11.30. 3.16	10-11-48	-	871	25	29	136	0	372	125	26	-	6.5	531	182	62
5. 4	7-14-48	-	2,160	77	87	314	24	450	565	106	-	106	1,500	550	55
8. 8	7-14-48	-	1,150	-	-	-	17	399	196	32	-	-	-	-	-
8. 9	10-11-48	19	-	14	14	274	24	504	183	22	-	17	796	92	87
10. 8	9-28-48	163	688	27	33	83	16	522	56	21	-	7.4	402	203	47
11. 4	-	160	1,110	-	-	-	7.9	356	-	59	-	-	-	-	-
12.15	9-27-48	70	1,280	16	31	329	0	272	424	136	-	33	1,100	168	81
15. 7	10-11-48	-	1,250	-	-	-	0	220	430	43	-	-	-	-	-
16.12	7-15-48	-	853	-	-	-	0	286	112	62	-	-	-	-	-
17.16	7-15-48	-	2,260	-	-	-	0	463	573	197	-	-	-	-	-
19. 2	7-15-48	-	644	29	25	84	0	327	68	12	1.2	2.8	385	176	51
19. 6	6- 8-48	20	878	-	-	-	19	260	207	31	-	-	-	-	-
20. 9	7-29-48	-	2,530	91	120	330	0	356	672	292	2.8	33	1,720b	720	50
20.11	10-13-48	-	1,630	-	-	-	0	278	-	144	-	-	-	-	-
21. 9	7-29-48	-	1,450	-	-	-	11	178	-	73	-	-	-	-	-
21.15	7-15-48	-	1,000	18	22	195	25	357	139	53	1.5	1.6	631	136	76
26. 1	7-30-48	-	552	26	26	72	0	305	57	11	-	4.9	347	172	48
29. 2-1	7-15-48	-	1,410	65	64	183	7.9	216	512	55	3.3	16	1,010	425	48
29. 2-2	7-15-48	-	1,160	82	71	70	0	266	288	71	1.4	33	747	496	23
11.31. 1. 9	7-15-48	207	2,130	3.0	2.4	518	49	504	594	92	1.9	.7	1,410	18	98
6.12	7-30-48	-	737	-	-	-	0	314	-	80	-	-	-	-	-
8. 6	7-30-48	-	1,190	-	-	-	0	484	-	24	-	-	-	-	-
8. 8	7-30-48	-	457	-	-	-	0	245	18	6	-	-	-	-	-
14. 7	7-14-48	-	4,890	13	6.3	1,200	75	824	1,100	510	.9	2.9	3,310	58	98
14.15	9-27-48	-	4,310	-	-	-	59	828	-	330	-	-	-	-	-
19. 8	9-27-48	-	1,680	29	43	307	7.9	572	249	116	-	16	1,050	250	73
20.12	10-12-48	170	5,530	9.5	4.5	1,370	49	824	1,760	300	-	2.9	3,900	42	99
22. 2	10-13-48	-	1,270	82	54	304	0	88	555	31	-	.1	1,070	426	61
23.14	10-13-48	108	3,850	-	-	-	47	932	-	144	-	-	-	-	-
23.15	10-13-48	103	3,970	5.0	5.0	970	59	852	968	238	-	1.8	2,670	33	98
24. 5	7-30-48	-	2,150	-	-	-	35	698	403	88	-	-	-	-	-
26. 7	9-27-48	-	4,020	-	-	-	43	704	-	338	-	-	-	-	-
27. 2	10-12-48	13	1,150	38	9.2	234	0	592	79	34	-	32	718	133	79
35.12	7-30-48	-	1,250	-	-	-	47	488	-	60	-	-	-	-	-
36. 6	10- 1-48	130	5,330	-	-	-	43	752	961	770	-	-	-	-	-
11.32. 4. 9	7-28-48	-	1,630	-	-	-	87	494	-	77	-	-	-	-	-
5. 1	7-28-48	172	2,470	-	-	-	59	656	618	48	-	-	-	-	-
7. 4	7-15-48	190	2,570	-	-	-	0	556	-	152	-	-	-	-	-
8. 6	7-16-48	-	4,180	8.0	4.8	1,060	81	816	1,450	26	0	.8	3,030	40	98
11. 6	10-13-48	-	2,550	7.5	6.3	564	9.8	340	501	308	-	23	1,590	44	96
11.11	7-28-48	145	1,870	-	-	-	59	532	-	107	-	-	-	-	-
13. 7	7-28-48	-	3,250	-	-	-	31	548	-	252	-	-	-	-	-
15.12	10-13-48	-	3,290	332	141	342	0	356	1,670	80	-	9.8	2,750	1,410	35
17.16	7-16-48	-	2,740	-	-	-	59	648	695	84	-	-	-	-	-
19.12	10- 8-48	-	2,750	-	-	-	35	540	830	80	-	-	-	-	-
20. 5	7-16-58	-	5,270	-	-	-	30	876	2,060	67	-	-	-	-	-
21.14	10-13-48	-	1,880	2.5	1.3	453	61	528	348	71	-	.5	1,200	12	99
22. 2	10-13-48	-	1,530	-	-	-	28	278	-	86	-	-	-	-	-
23.12	7-29-48	-	2,260	-	-	-	49	502	-	109	-	-	-	-	-
24. 2	7- 6-48	80	1,550	-	-	-	37	200	368	92	-	-	-	-	-
28.11	10- 8-48	-	3,530	-	-	-	45	658	1,210	414	-	-	-	-	-
34.12	10- 8-48	-	1,180	1.5	.5	285	51	420	121	50	-	.3	716	6	99
12.30. 32. 4	7-14-48	-	1,530	-	-	-	0	328	-	120	-	29	-	-	-
33. 6	7-14-48	30	1,370	81	32	187	22	198	363	108	.6	13	904	334	55
32. 9	7-14-48	-	1,580	-	-	-	20	272	-	130	-	12	-	-	-
34. 3	10-11-48	-	3,190	64	88	577	12	396	1,060	212	-	36	2,240	522	71
34.14	7-29-48	-	2,320	-	-	-	0	342	745	158	-	-	-	-	-
35. 8	7-29-48	-	3,970	-	-	-	0	824	-	236	-	-	-	-	-

a. Contains .3 ppm Boron. b. Contains .1 ppm Boron. c. Contains .5 ppm Boron. d. Contains .1 ppm Boron. e. Contains .8 ppm Boron. f. Contains .6 ppm Boron.
g. Contains 1.3 ppm Boron. h. Contains .99 ppm Boron. i. Contains .68 ppm Boron.