

TABLE 3.--Chemical analyses of water from selected wells, 1977-84--Continued

TABLE 2.--Records of water levels at selected wells, 1977-84--Continued

WELL 25S/40E-33L1 ABOUT 2.25 MI WEST OF CHINA LAKE AND 2.25 MI SOUTHEAST OF INTERSECTION OF SNORT ACCESS AND BYPASS ROADS. DRILLED UNUSED WATER-TABLE WELL. DIAM 6 IN, DEPTH 171 FT, PERFORATED 70-90, 110-130 FT; OPEN END AT 171 FT. ALTITUDE OF LSD 2171.1 FT. RECORDS AVAILABLE 1954-55, 1959, 1961-62, 1964-72, 1974 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 0.75 FEET BELOW LAND SURFACE DATUM MAY 22, 1980.
 LOWEST WATER LEVEL 27.36 FEET BELOW LAND SURFACE DATUM MAR 09, 1954.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
NOV 30, 1977	2.66	DEC 02, 1978	1.87	DEC 06, 1979	1.86	NOV 17, 1981	1.91
JUN 21, 1978	1.49	MAY 31, 1979	1.08	MAY 22, 1980	0.75	JUN 09, 1982	1.56

WELL 25S/40E-33L2 ABOUT 2.25 MI WEST OF CHINA LAKE AND 2.25 MI SOUTHEAST OF INTERSECTION OF SNORT ACCESS AND BYPASS ROADS. DRILLED UNUSED WATER-TABLE WELL. DIAM 8 IN, DEPTH 21.2 FT, CASED TO 21.2 FT, PERFORATED 2-22 FT. ALTITUDE OF LSD 2171 FT. RECORDS AVAILABLE 1954-55, 1959, 1961-62, 1964-68, 1970-72, 1974 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 1.46 FEET BELOW LAND SURFACE DATUM MAY 22, 1980.
 LOWEST WATER LEVEL 3.04 FEET BELOW LAND SURFACE DATUM OCT 17, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
NOV 30, 1977	2.58	DEC 02, 1978	2.30	DEC 06, 1979	2.49	NOV 17, 1981	2.66
JUN 21, 1978	1.64	MAY 31, 1979	1.69	MAY 22, 1980	1.46	JUN 09, 1982	2.21

WELL 25S/40E-35P1 ABOUT 250 FT SOUTHWEST OF TOWER ROAD AND 2.5 MI NORTH OF GOVERNMENT RAILROAD. BORED OBSERVATION WATER-TABLE WELL. DIAM 1.25 IN, DEPTH 15.4 FT, PERFORATED 8.3-17.6 FT. ALTITUDE OF LSD 2158.8 FT. RECORDS AVAILABLE 1953-54, 1959, 1961 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 7.96 FEET BELOW LAND SURFACE DATUM APR 10, 1974.
 LOWEST WATER LEVEL 9.59 FEET BELOW LAND SURFACE DATUM DEC 17, 1953.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
NOV 30, 1977	8.65	DEC 15, 1979	8.95	DEC 17, 1980	8.93	NOV 19, 1981	8.97
DEC 03, 1978	8.67						

WELL 25S/41E-19L1 3.75 MI NORTH OF NORTH KNOX ROAD AND 200 FT WEST OF G-2 TOWER ROAD. DRILLED OBSERVATION WATER-TABLE WELL. DIAM 1.25 IN, DEPTH 23.5 FT, SCREENED 21.9-23.5 FT. ALTITUDE OF LSD 2157.8 FT. RECORDS AVAILABLE 1953-54, 1959, 1961-64, 1966 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 2.86 FEET BELOW LAND SURFACE DATUM APR 19, 1984.
 LOWEST WATER LEVEL 5.80 FEET BELOW LAND SURFACE DATUM OCT 31, 1961.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
NOV 29, 1977	4.91	DEC 15, 1979	4.29	NOV 19, 1981	4.29	APR 19, 1984	2.86
DEC 03, 1978	3.77	DEC 17, 1980	4.10				

WELL 25S/41E-28B1 ABOUT 3.6 MI NORTH OF MAGAZINE ROAD AND 0.05 MI WEST OF NORTH KNOX ROAD. DRILLED UNUSED WATER-TABLE WELL. DIAM 8 IN, DEPTH 161.8 FT, PERFORATED 127-161.8 FT. ALTITUDE OF LSD 2238.6 FT. RECORDS AVAILABLE 1954, 1959, 1961 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 67.47 FEET BELOW LAND SURFACE DATUM APR 19, 1984.
 LOWEST WATER LEVEL 68.84 FEET BELOW LAND SURFACE DATUM MAR 10, 1954.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
NOV 29, 1977	68.01	DEC 06, 1979	67.63	NOV 17, 1981	67.60	SEP 08, 1983	67.54
NOV 30, 1978	67.66	DEC 10, 1980	67.56	DEC 15, 1982	67.61	APR 19, 1984	67.47

WELL 25S/41E-31C1 DEPTH 14.0 FT IN 1953, 9.2 FT IN 1959, 8.9 FT IN 1963, 8.25 FT IN 1965.
 HIGHEST WATER LEVEL 3.80 FEET BELOW LAND SURFACE DATUM SEP 15, 1969.
 LOWEST WATER LEVEL WELL DRY FEB 08, 1954; SEP 08, 1964; MAR 31, 1965; DEC 03, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29, 1977	4.70	DEC 03, 1978	D

Well	Date	Percent sodium	Sodium ad-sorption ratio	Potassium, dissolved (mg/L as K)	Alkalinity, field (mg/L as CaCO ₃)	Sulfate, dissolved (mg/L as SO ₄)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO ₂)	Solids, sum of constituents, dissolved (mg/L)	Nitrogen, NO ₂ +NO ₃ , dissolved (mg/L as N)	Phosphorus, ortho, dissolved (mg/L as P)
24S/38E-16J2	82-06-15	65	8	20	680	190	190	1.0	30	1300	1.1	0.03
24S/38E-33J2	82-06-15	28	2	9.5	440	140	35	.7	37	710	.60	.02
25S/38E-13L1	82-06-15	42	2	7.3	250	94	61	.7	29	510	1.7	.01
25S/39E-4R1	78-07-31	54	4	13	316	110	100	1.0	35	690	--	--
	80-03-29	57	5	17	316	150	120	1.0	38	780	--	--
25S/39E-9J1	78-07-31	49	3	8.8	276	76	55	1.1	53	540	--	--
	79-05-04	53	4	8.5	276	90	76	.9	46	580	--	--
	80-03-29	52	3	10	256	--	--	1.1	57	540	--	--
25S/39E-12R1	78-07-31	61	5	12	264	100	110	1.0	34	650	--	--
	79-05-04	61	5	13	256	140	110	1.0	42	680	--	--
	80-03-29	63	6	19	260	140	150	.9	45	760	--	--
25S/39E-35N1	78-07-31	58	4	2.9	130	78	80	.7	31	430	--	--
	80-03-29	65	4	3.0	130	93	92	.6	38	460	--	--
25S/40E-8A1	78-06-20	77	11	33	310	140	310	1.3	56	1100	.05	--
	79-05-16	76	11	36	300	150	340	1.7	60	1200	.03	.06
	80-05-20	77	11	35	310	150	350	.3	16	1100	.08	.14
	82-06-09	76	11	31	320	180	300	1.5	65	1200	<.10	.05
25S/40E-11K1	82-06-09	96	59	21	630	140	260	3.6	78	1400	<.10	.78
25S/40E-18R1	78-06-21	93	170	260	3350	1400	540	3.8	21	7700	.29	--
	79-05-16	92	51	74	870	390	160	2.0	24	1800	<.10	--
	80-05-20	88	24	47	590	100	62	.4	38	940	.01	1.7
	82-06-09	79	10	29	360	110	44	1.5	31	650	<.10	.05
25S/40E-20F1	78-06-20	79	9	16	260	58	120	.7	5.5	580	.04	--
	79-05-16	72	6	2.9	240	38	68	.8	9.1	430	.01	.38
	80-05-20	64	5	12	280	48	51	.7	15	460	.07	.25
	82-06-09	57	4	12	290	60	48	.6	28	490	<.10	.15
25S/40E-33L1	78-06-21	100	4700	91	24500	4900	1800	21	60	48000	.29	--
	80-05-21	95	2200	1600	34000	8600	4300	22	.6	55000	1.3	10
	82-06-09	100	3400	86	--	4600	4300	20	19	45000	.10	17
25S/40E-33L2	78-06-21	93	33	24	310	110	550	.5	6.5	1400	.06	--
	79-05-31	93	31	22	300	100	490	.8	1.0	1300	.01	.01
	80-05-22	94	33	22	300	110	490	1.4	60	1400	.03	.01
	82-06-09	94	33	20	340	110	500	.7	8.5	1400	<.10	.02
25S/41E-21E1	78-07-31	85	23	13	76	590	1200	2.6	23	2900	--	--
26S/38E-35B1	82-06-15	92	9	.9	82	24	26	.4	15	190	4.1	.03
26S/39E-5F1	78-07-31	53	3	3.3	150	180	71	.9	28	560	--	--
	80-03-29	57	4	3.7	140	200	76	.8	35	590	--	--
26S/39E-11E1	78-07-31	48	3	3.5	160	36	84	.7	28	400	--	--
	79-05-04	54	3	2.2	164	49	97	.8	32	430	--	--
	80-03-29	52	3	3.2	170	44	96	.8	32	430	--	--
26S/39E-19K1	78-07-31	36	2	3.3	48	79	140	.7	20	410	--	--
	79-05-04	41	2	2.5	52	84	120	.7	32	410	--	--
	80-03-29	42	2	2.8	60	81	130	.6	32	410	--	--
26S/39E-19P1	78-07-31	53	3	2.2	76	86	46	.8	28	320	--	--
	79-05-04	51	2	2.7	80	110	55	.8	36	350	--	--
	80-03-29	51	3	2.9	64	84	120	.8	29	410	--	--
26S/39E-19Q1	78-07-31	49	3	3.2	68	79	97	1.0	23	380	--	--
	79-05-04	47	3	3.4	44	100	190	.9	28	520	--	--
	80-03-29	51	3	2.9	60	57	110	1.0	29	380	--	--
26S/39E-23J1	78-07-31	29	1	2.4	68	49	42	.7	27	230	--	--
	79-05-04	37	1	2.3	84	50	34	.7	34	250	--	--
26S/39E-24K1	79-05-04	60	4	3.6	140	190	71	1.0	38	580	--	--
26S/39E-24M1	78-07-31	44	1	2.4	84	34	29	.8	23	200	--	--
	79-05-04	47	2	2.4	80	41	29	.7	31	220	--	--
	80-03-29	56	2	3.6	72	38	36	.7	25	210	--	--

TABLE 3.--Chemical analyses of water from selected wells, 1977-84--Continued

Well	Date	Arsenic, total (µg/L as As)	Arsenic, dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Beryllium, dissolved (µg/L as Be)	Boron, dissolved (µg/L as B)	Cadmium, dissolved (µg/L as Cd)	Chromium, hexavalent, dis. (µg/L as Cr)	Cobalt, dissolved (µg/L as Co)	Copper, total recoverable (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total recoverable (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
24S/38E-16J2	82-06-15	11	--	--	--	7000	--	--	--	--	--	40	--
24S/38E-33J2	82-06-15	8	--	--	--	230	--	--	--	--	--	4	--
25S/38E-13L1	82-06-15	2	--	--	--	630	--	--	--	--	--	<3	--
25S/39E-4R1	78-07-31	--	--	--	--	2700	--	--	--	3	--	680	--
	80-03-29	--	--	--	--	460	--	--	--	50	--	1500	--
25S/39E-9J1	78-07-31	--	--	--	--	1400	--	--	--	3	--	250	--
	79-05-04	--	--	--	--	1500	--	--	--	39	--	140	--
	80-03-29	--	--	--	--	1300	--	--	--	190	--	3600	--
25S/39E-12R1	78-07-31	--	--	--	--	2900	--	--	--	18	--	40	--
	79-05-04	--	--	--	--	2700	--	--	--	16	--	20	--
	80-03-29	--	--	--	--	2100	--	--	--	30	--	120	--
25S/39E-35N1	78-07-31	--	--	--	--	1000	--	--	--	<2	--	280	--
	80-03-29	--	--	--	--	1300	--	--	--	40	--	30	--
25S/40E-8A1	78-06-20	--	--	--	--	4000	--	--	--	--	--	<10	--
	79-05-16	150	--	--	--	1800	--	--	--	--	--	30	--
	80-05-20	170	--	--	--	4800	--	--	--	--	--	70	--
	82-06-09	170	--	--	--	4000	--	--	--	--	--	10	--
25S/40E-11K1	82-06-09	230	--	--	--	11000	--	--	--	--	--	60	--
25S/40E-18R1	78-06-21	--	--	--	--	15000	--	--	--	--	--	270	--
	79-05-16	220	--	--	--	4600	--	--	--	--	--	150	--
	80-05-20	88	--	--	--	2000	--	--	--	--	--	40	--
	82-06-09	54	--	--	--	1100	--	--	--	--	--	570	--
25S/40E-20F1	78-06-20	--	--	--	--	3300	--	--	--	--	--	40	--
	79-05-16	44	--	--	--	2200	--	--	--	--	--	90	--
	80-05-20	79	--	--	--	1700	--	--	--	--	--	10	--
	82-06-09	42	--	--	--	1300	--	--	--	--	--	250	--
25S/40E-33L1	78-06-21	--	--	--	--	120000	--	--	--	--	--	180	--
	80-05-21	2000	--	--	--	150000	--	--	--	--	--	1700	--
	82-06-09	2900	--	--	--	120000	--	--	--	--	--	390	--
25S/40E-33L2	78-06-21	--	--	--	--	3100	--	--	--	--	--	50	--
	79-05-31	2	--	--	--	190	--	--	--	--	--	20	--
	80-05-22	3	--	--	--	3300	--	--	--	--	--	60	--
	82-06-09	7	--	--	--	3100	--	--	--	--	--	90	--
25S/41E-21E1	78-07-31	--	--	--	--	5200	--	--	--	390	--	1700	--
26S/38E-35B1	82-06-15	5	--	--	--	160	--	--	--	--	--	30	--
26S/39E-5F1	78-07-31	--	--	--	--	200	--	--	--	6	--	440	--
	80-03-29	--	--	--	--	710	--	--	--	<10	--	--	--
26S/39E-11E1	78-07-31	--	--	--	--	2300	--	--	--	2	--	120	--
	79-05-04	--	--	--	--	2100	--	--	--	16	--	240	--
	80-03-29	--	--	--	--	2100	--	--	--	10	--	420	--
26S/39E-19K1	78-07-31	--	--	--	--	140	--	--	--	2	--	220	--
	79-05-04	--	--	--	--	360	--	--	--	11	--	550	--
	80-03-29	--	--	--	--	320	--	--	--	10	--	50	--
26S/39E-19P1	78-07-31	--	--	--	--	200	--	--	--	<2	--	40	--
	79-05-04	--	--	--	--	250	--	--	--	22	--	270	--
	80-03-29	--	--	--	--	360	--	--	--	60	--	80	--
26S/39E-19Q1	78-07-31	--	--	--	--	380	--	--	--	<2	--	50	--
	79-05-04	--	--	--	--	340	--	--	--	13	--	1800	--
	80-03-29	--	--	--	--	360	--	--	--	<10	--	360	--
26S/39E-23J1	78-07-31	--	--	--	--	180	--	--	--	150	--	960	--
	79-05-04	--	--	--	--	250	--	--	--	22	--	80	--
26S/39E-24K1	79-05-04	--	--	--	--	640	--	--	--	<20	--	230	--
26S/39E-24M1	78-07-31	--	--	--	--	280	--	--	--	<2	--	60	--
	79-05-04	--	--	--	--	230	--	--	--	24	--	30	--
	80-03-29	--	--	--	--	250	--	--	--	<10	--	0	--

TABLE 2.--Records of water levels at selected wells, 1977-84--Continued

WELL 25S/40E-11K1 AT CHINA LAKE NAVAL WEAPONS CENTER. DRILLED UNUSED WATER-TABLE WELL. DIAM 3 IN, DEPTH 62.3 FT IN 1952. ALTITUDE OF LSD 2166.4 FT. RECORDS AVAILABLE 1952-54, 1959, 1961 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 4.80 FEET ABOVE LAND SURFACE DATUM FEB 08, 1972.
 LOWEST WATER LEVEL 1.48 FEET BELOW LAND SURFACE DATUM DEC 17, 1977.

WATER LEVELS IN FEET ABOVE OR BELOW(-) LAND SURFACE DATUM.

DATE	WATER LEVEL						
DEC 17, 1977	-1.48	DEC 15, 1979	1.48	NOV 19, 1981	1.49	DEC 15, 1982	2.72
DEC 03, 1978	1.50	DEC 17, 1980	1.44	JUN 09, 1982	1.49	APR 19, 1984	3.62

WELL 25S/40E-12Q1 AT CHINA LAKE NAVAL WEAPONS CENTER. DRILLED UNUSED WATER-TABLE WELL. DIAM 10 IN, DEPTH 14.5 FT IN 1952. ALTITUDE OF LSD 2160.6 FT. RECORDS AVAILABLE 1952-54, 1959, 1961-62, 1964-65, 1969, 1971 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 3.39 FEET BELOW LAND SURFACE DATUM MAY 13, 1954.
 LOWEST WATER LEVEL 5.15 FEET BELOW LAND SURFACE DATUM OCT 16, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
DEC 17, 1977	4.54	DEC 15, 1979	4.74	NOV 19, 1981	4.24	DEC 15, 1982	4.22
DEC 03, 1978	4.49	DEC 17, 1980	4.91				

WELL 25S/40E-18R1 AT CHINA LAKE NAVAL WEAPONS CENTER. DRILLED UNUSED WATER-TABLE WELL. DIAM 10 IN, DEPTH 31.3 FT. ALTITUDE OF LSD 2183 FT. RECORDS AVAILABLE 1952-54, 1959, 1961 TO CURRENT YEAR.
 HIGHEST WATER LEVEL 1.52 FEET BELOW LAND SURFACE DATUM MAY 13, 1952.
 LOWEST WATER LEVEL 3.74 FEET BELOW LAND SURFACE DATUM NOV 17, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
DEC 01, 1977	3.52	MAY 16, 1979	2.69	MAY 20, 1980	2.63	JUN 09, 1982	3.41
JUN 21, 1978	2.77	DEC 15, 1980	3.36	NOV 17, 1981	3.74	MAY 02, 1984	2.90
DEC 02	3.36						

WELL 25S/40E-19L1 ABOUT 2.2 MI NORTH OF SNORT ACCESS ROAD AND 2.25 MI WEST OF TOWER ROAD. DRILLED UNUSED WATER-TABLE WELL. DIAM 10 IN, DEPTH 10.7 FT. ALTITUDE OF LSD 2181.2 FT. RECORDS AVAILABLE 1952-54, 1959, 1961-65, 1967-78.
 HIGHEST WATER LEVEL 7.31 FEET BELOW LAND SURFACE DATUM MAY 13, 1952.
 LOWEST WATER LEVEL 9.85 FEET BELOW LAND SURFACE DATUM NOV 17, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
DEC 01, 1977	9.65	DEC 06, 1979	9.49	NOV 17, 1981	9.85	MAY 02, 1984	9.06
DEC 02, 1978	9.34						

WELL 25S/40E-20F1 ABOUT 2.25 MI NORTHEAST OF SNORT ACCESS ROAD AND 1.3 MI WEST OF TOWER ROAD. DRILLED UNUSED WATER-TABLE WELL. DIAM 12 IN, DEPTH 182.6 FT IN 1952. ALTITUDE OF LSD 2179.5 FT. RECORDS AVAILABLE 1952-54, 1959, 1961 TO CURRENT YEAR.

HIGHEST WATER LEVEL 0.83 FEET ABOVE LAND SURFACE DATUM MAY 13, 1952.
 LOWEST WATER LEVEL 1.29 FEET BELOW LAND SURFACE DATUM MAY 16, 1979.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
DEC 01, 1977	1.11	MAY 16, 1979	1.29	MAY 20, 1980	0.43	JUN 09, 1982	1.09
JUN 20, 1978	0.13	DEC 06	0.87	NOV 17, 1981	1.21	MAY 02, 1984	0.71
DEC 02	0.68						

WELL 25S/40E-27E1 ABOUT 250 FT WEST OF TOWER ROAD AND 2 MI NORTHWEST OF CHINA LAKE. DRILLED OBSERVATION WATER-TABLE WELL. DIAM 1.25 IN, DEPTH 18.7 FT IN 1953, PERFORATED 9.2-18.7 FT. ALTITUDE OF LSD 2168.7 FT. RECORDS AVAILABLE 1953-54, 1959, 1961-62, 1964 TO CURRENT YEAR.

HIGHEST WATER LEVEL 3.39 FEET BELOW LAND SURFACE DATUM JUL 08, 1953.
 LOWEST WATER LEVEL 4.78 FEET BELOW LAND SURFACE DATUM OCT 15, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM.

DATE	WATER LEVEL						
NOV 30, 1977	4.73	DEC 15, 1979	4.00	DEC 17, 1980	4.06	NOV 19, 1981	4.23
DEC 03, 1978	3.88						