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EMERGENCY WATER SUPPLIES IN THE WICHITA, KANSAS, AREA

By

C. W. Lane, E. L. Reavis, and G. J. Stramel

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(This pamphlet contains tables 1 and 2)

Table 1.—*Public water-supply systems*

Raw water pumping capacity: Capacity given in table is a total for all wells and pumping equipment and in many cases exceeds the capacity of transmission lines.
Raw water storage: N, none.
Water treatment: Type of treatment plant; H, softening; I, iron and manganese removal; P, purification. Treatment device; A, aeration; Al, alum; C, chlorination; Cg, polyphosphate; F, filter; Is, iron salts; L, lime; M, mixing; Nh, ammoniation; R, recarbonation; S, sedimentation; Sa, soda ash; T, taste and odor control.
Capacity of treatment plant: N, no treatment plant; where chlorination and polyphosphate addition are the only treatment these reagents are commonly added automatically at the well pump.
Finished water storage: N, none.
Emergency power source: D, diesel engine; DE, diesel electric; E, portable motor generator; G, gasoline engine; N, none; Ng, natural gas.

(Note: Data obtained from publications of the Kansas State Board of Health, unpublished data from the Wichita-Sedgwick County Department of Health, and from interviews with city officials.)

City	Source of water	Raw water pumping capacity (mgd)	Raw water storage (millions of gallons)		Water treatment	Capacity of treatment plant (mgd)	Finished water storage (millions of gallons)		Service pumping capacity (mgd)	Emergency power source	Remarks
			Ground	Elevated			Ground	Elevated			
BUTLER COUNTY											
Augusta	2 Lakes	2.0	800	N	P-Al, Is, L, C, M, S, M, F, C	2.0	1.0	0.05	2.0	N	See Augusta-Eldorado Water Assoc.
Douglas	12 Wells	.57	N	N	C	N	N	.325	.57	N	
Eldorado	2 Lakes	5.0	N	N	P-A, Al, Nh, C, M, S, L, S, F, C	3.0	.500	.375	5.0	DE	Emergency power will deliver 23 mgd. See Augusta-Eldorado Water Assoc.
Leon	3 Wells	.09	N	N	C	N	N	.05	.09	N	
Potwin	3 Wells	.30	N	N	C	N	N	.05	.30	N	
Towanda	3 Wells	.36	N	N	C	N	N	.075	.15	N	
Augusta-Eldorado Water Assoc.	8 Wells	11.5	1.3	N	C	N	--------	--------	5.0	D	Well field is maintained as a drought emergency measure. Water is delivered to the individual cities for treatment and distribution.
COWLEY COUNTY											
Atlanta	2 Wells	0.14	N	N	C	N	N	0.035	0.14	N	
Arkansas City.	8 Wells	8.0	N	N	C	N	2.50	.25	8.0	N	
Burden	1 Spring	.43	N	N	C	N	N	.05	.43	G	Emergency power could provide 0.144 mgd.
Dexter	1 Well	.14	N	N	C	N	.10	N	.14	N	Storage tank atop hill and provides gravity distribution.
Geuda Springs.	2 Wells	.07	N	N	C	N	N	.025	.07	N	
Udall	2 Wells	.39	N	N	C	N	N	.05	.23	N	
Winfield	10 Wells	13.2	N	N	C, Cg	N	1.04	1.75	6.05	G	Emergency power could provide 1.15 mgd.

					HARPER COUNTY						
Anthony	5 Wells	2.75	N	N	C	N	2.61	0.15	2.88	E	Trailer mounted generator and motor available for emergency use.
Harper	3 Wells	1.87	N	N	C	N	N	.15	1.87	N	
					HARVEY COUNTY						
Burrton	2 Wells	0.57	N	N	C	N	N	0.055	0.57	N	
Halstead	2 Wells	1.37	N	N	C	N	N	.05	1.37	G	Auxilliary 25 horsepower gasoline engine maintained on one well.
Hesston	1 Well	.72	0.10	N	C, Cg	N	N	.05	.72	N	
Newton	10 Wells	9.0	1.0	N	C	N	3.6	.70	5.70	N	
Sedgwick	2 Wells	.94	N	N	C	N	N	.06	.94	Ng	Auxilliary natural gas engine maintained on one well.
Walton	2 Wells	.05	N	N	C	N	N	.04	.05	N	
					KINGMAN COUNTY						
Kingman	3 Wells and 3 Springs.	1.44	0.55	N	C, Cg	N	N	0.07	3.5	E	Portable motor-generator available for one pump.
Norwich	2 Wells	.43	N	N	C	N	N	.05	.43	N	
					MARION COUNTY						
Burns	3 Wells	0.18	N	N	C	N	N	0.05	0.18	N	
Florence	1 Spring	.086	N	N	C	N	N	.08	.086	G	
Hillsboro	9 Wells	1.0	0.8	N	C	N	N	.07	.13	N	
Marion	1 Well	.86	.23	N	P-A, C, M, Al, M, C, S, T, S, F, Nh, C	1.0	N	.07	1.0	N	Water from well is delivered to city by surface flow in creek, stored in impoundment reservoir, and pumped from reservoir for treatment.
Peabody	5 Wells	.65	N	N	C	N	N	.08	.43	G	Two wells equipped with belt drive for tractor.
					MCPHERSON COUNTY						
Canton	2 Wells	0.86	N	N	C	N	N	0.16	0.86	N	
Galva	3 Wells	.27	N	N	C	N	N	.05	.27	G	One well equipped with belt drive for tractor.
Inman	2 Wells	.59	N	N	C	N	N	.04	.59	N	
McPherson	7 Wells	10.37	N	N	C	N	N	.75	8.50	DE	1,000 kw diesel powered generator available for emergency power.
Moundridge	2 Wells	.84	N	N	C	N	N	.13	.84	G	Wells equipped with gasoline engines for emergency power.

Table 1.—*Public water-supply systems*—Continued

City	Source of water	Raw water pumping capacity (mgd)	Raw water storage (millions of gallons)		Water treatment	Capacity of treatment plant (mgd)	Finished water storage (millions of gallons)		Service pumping capacity (mgd)	Emergency power source	Remarks
			Ground	Elevated			Ground	Elevated			
RENO COUNTY											
Arlington	2 Wells	0.76	N	N	C	N	N	0.05	0.76	N	
Buhler	2 Wells	.79	N	N	H-A, C, Al, L, Sa, M, S, F, R	0.30	0.20	.05	.43	N	
Haven	3 Wells	1.0	N	N	C	N	N	.06	1.0	N	
Hutchinson	12 Wells	20.0	N	N	C	N	N	1.0	20.0	G	A gasoline engine which can pump 2.9 mgd is available for emergency power source.
Nickerson	2 Wells	1.3	N	N	C (partial)	N	N	.05	1.3	N	
Pretty Prairie.	3 Wells	.79	N	N	C (partial)	N	N	.05	.79	N	
SEDGWICK COUNTY											
Belle Aire Improvement Dist.	4 Wells	1.4	N	N	C, Cg	N	N	0.07	1.4	N	
Cheney	5 Wells	.97	N	N	C	N	N	.04	.97	G	One well equipped with gasoline engine for emergency use.
Clearwater	4 Wells	.97	N	N	C	N	N	.06	.97	N	
Country Acres Improvement District.	2 Wells	1.2	N	N	C	N	N	.05	1.2	N	
Derby (El Paso).	5 Wells	2.4	N	N	C, Cg	N	0.50	.10	1.7	N	
Glenville Improvement District.	2 Wells	1.2	N	N	I-C, S, F	0.63	.02	.10	.72	N	
Goddard	2 Wells	.14	N	N	C	N	N	.05	.14	N	
Haysville	3 Wells	1.8	N	N	H, I-Al, L, Sa, M, R, S, R, C, F	1.4	.62	.10	.94	N	
Jayhawk Improvement District.	3 Wells	1.1	N	N	C, Cg	N	N	N	1.1	N	
Mt. Hope	4 Wells	.94	N	N	C	N	N	.05	.94	N	One pump equipped with power takeoff for direct drive by auxilliary engine.
Oaklawn Improvement District.	12 Wells	1.7	N	N	C, Cg	N	N	.05	1.7	N	

Park City Improvement Dist.	4 Wells	1.0	N	N	C, Cg	N	.40	.05	1.4	N	
Purcells 1st Improvement District.	2 Wells	.72	N	N	C, Cg	N	N	.05	.72	N	
Sunflower Improvement District.	2 Wells	.58	N	N	C, Cg	N	N	N	.58	N	
Valley Center	3 Wells	1.5	N	N	C, Cg	N	N	.28	1.5	E	300 kw generator for emergency use.
Westlink Improvement Dist.	4 Wells	1.8	N	N	C	N	N	.10	1.8	N	
Wichita	55 Wells (Equus beds field).	55.0	35.0	N	H-A, Is, L, N, C, M, S, C, F, Cg	112.0	14.8	2.30	95.0	D, Ng, E	Raw water storage includes a 3 million gallon surface tank and the capacity of the transmission lines and treatment basins. Emergency power sources could distribute about 30 mgd. No emergency power for wells is available.
	6 Wells (Bentley reserve field).	10.0		N							
	27 Wells (Local well field).	30.0	N	N							

SUMNER COUNTY

Argonia	4 Wells	0.57	N	N	C	N	N	0.10	0.57	N	
Belle Plain	3 Wells	1.2	N	N	C, Cg	N	N	.06	1.2	G	One well equipped with gasoline engine for emergency power.
Caldwell	12 Wells	.86	N	N	C	N	N	.19	.86	N	
Conway Springs.	9 Wells	.26	N	N	C	N	N	.07	.26	Ng	Seven wells equipped with natural gas engines for emergency use.
Mulvane	4 Wells	4.0	N	N	C	N	?	.06	1.4	N	
Oxford	2 Wells	1.2	N	N	C	N	N	.15	1.2	G	One well equipped with gasoline engine for emergency use.
South Haven	2 Wells	.43	N	N	C	N	N	.05	.43	N	
Wellington	23 Wells 1 Lake	3.8	N	0.50	H-Al, L, M, C, S, Al, L, M, S, F, C	3.8	2.74	2.3	2.0	N	Water from reservoir and river is normally used. Wells are for standby and when reservoir is inadequate.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*

Use of water: Ir, irrigation; Ind, industrial; Ps, public supply; R, recreation.

Type of pump and size: C, centrifugal; J, jet; N, none; T, turbine. Number following pump type indicates size of pump column or discharge line.

Power source: E, electric motor; B, butane engine; D, diesel engine; G, gasoline engine; N, none; Ng, natural gas engine; P, propane engine; S, steam engine.

Possibility of contamination: V, little possibility; M, moderate possibility; G, large possibility. Estimates of the possibility of contamination of individual wells is based on the well location, local geology, depth of well, depth to water, and type of pumping equipment.

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source		Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
										Regular	Auxiliary			
						BUTLER COUNTY								
24-4E-29abb	City of Potwin	Ps	--------	92	10	125	60	T	------	E	N	5	V	Wells 24-4E-29abb and 29abc are shown by a single well symbol in figure 1.
29abc	do	Ps	--------	75	------	10	40	T	------	E	N	3	V	
29bb1	Vickers Petroleum Co.	Ind	--------	20	------	------	------	T	------	E	N	5	G	Total rate of discharge of 5 wells in 24-4E-29bb is about 500 gpm. All 5 wells are shown by a single well symbol in figure 1.
29bb2	do	Ind	--------	24	------	------	------	T	------	E	N	5	G	
29bb3	do	Ind	--------	30	------	------	------	T	------	E	N	5	G	
29bb4	do	Ind	--------	30	------	------	------	T	------	E	N	5	G	
29bb5	do	Ind	--------	50	------	------	------	T	------	E	N	5	M	
29bc	do	Ind	4	120	12	400	110	T-3	------	E	N	10	V	All wells similarly constructed; rate of discharge is total for 4 wells. All wells are shown by a single well symbol in figure 1.
29bd1	do	Ind	--------	129	15	------	31	T-6	------	E	N	------	V	Total rate of discharge of the 4 wells in 29-4E-29bd is about 300 gpm. All 4 wells are shown by a single well symbol in figure 1.
29bd2	do	Ind	--------	152	12	------	32	T-6	------	E	N	------	V	
29bd3	do	Ind	--------	85	12	------	20	T-6	------	E	N	------	V	
29bd4	do	Ind	--------	80	8	------	31	T-6	------	E	N	------	V	
30ac	City of Potwin	Ps	--------	84	10	80	46	T	------	E	N	5	V	
30ad	Vickers Petroleum Co.	Ind	2	50	------	300	------	T	------	E	N	5	V	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
3E-24aa	C. R. Joseph	Ir	--------	150	8	1,500	25	T-6	------	------	------	------	V	
24dd	do	Ir	2	125	12	1,500	25	T-6	------	------	------	------	V	Do.

26-4E-8dbb	City of Towanda	Ps			6	150	90	T		E	N	15	V	
8ddb	do	Ps			6	50	90	T		E	N	5	V	Wells 26-4E-8ddb and 8ddc are shown by a single well symbol in figure 1.
8ddc	do	Ps			6	50	90	T		E	N	5	V	
27-6E-22bac	City of Leon	Ps		50	6		25	T		E	N		V	Total rate of discharge of 3 wells is about 60 gpm.
22bad	do	Ps		50	6		25	T		E	N		V	Wells 27-4E-22bac and 22bad are shown by a single well symbol in figure 1.
22bda	do	Ps		100	6		25	T		E	N		V	
29-4E-15ccc	City of Douglas	Ps		145	10		60	T	135	E	N	3	V	Total rate of discharge of 9 wells is about 400 gpm.
21aaa	do	Ps		145	10		45	N					V	Stand-by well, no pump installed. Wells 29-4E-21aaa, 21aab, and 21aad are shown by a single well symbol in figure 1.
21aab	do	Ps		140	10		45	T	130	E	N	5	V	
21aad	do	Ps		165	10		45	N					V	Stand-by well, no pump installed.
21aba	do	Ps		140	10		40	T	130	E	N	5	V	
21add	do	Ps		165	10		45	N					V	Do.
29aad1	do	Ps		145	10		35	T	135	E	N	3	V	
29aad2	do	Ps		145	10		35	T	135	E	N	3	V	
29ada1	do	Ps		145	10		35	T	135	E	N	3	V	The 4 wells in 29-4E-29ad are shown by a single well symbol in figure 1.
29ada2	do	Ps		145	10		35	T	135	E	N	3	V	
29add1	do	Ps		195	10		35	T	185	E	N	3	V	
29add2	do	Ps		195	10		35	T	185	E	N	3	V	
COWLEY COUNTY														
30-6E-28acc1	City of Atlanta	Ps		22	360	50	10	C		E	N		G	Wells 30-6E-28acc1 and 28acc2 are shown by a single well symbol in figure 1.
28acc2	do	Ps		18		50	3	T		E	N		G	
28dbb	do	Ps	Spring			130		C		E	N		G	Spring and pumping equipment are enclosed.
31-6E-28caa	City of Burden	Ps	Spring			50		C		E	G	5	G	Spring and pumping equipment are enclosed. Two electric-powered and one gas-powered pumps are available. During dry years flow drops to about 10 gpm.
32-3E-7ddd1	City of Oxford	Ps		36	18	500	12	T		E	N		V	Wells 32-3E-7ddd1 and 7ddd2 are shown by a single well symbol in figure 1.
7ddd2	do	Ps		38	24	300	18	T		G			V	
18dba	City of Winfield	Ps		40	10	800	11	T	38	E	N		V	City well 6. Wells 32-3E-18dba and 18dbb are shown by a single well symbol in figure 1.
18dbb	do	Ps		39	10	300	16	T		E	N		V	City well 16.
18dca	do	Ps		43	8	500	10	T	41	E	N		V	City well 5. Wells 32-3E-18dca and 18dcc are shown by a single well symbol in figure 1.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						COWLEY COUNTY—Continued								
32-3E-18dcc	City of Winfield	Ps	2	44	18	1,000	11	C	------	E	N	------	V	City well 2. Two similar wells on one pump.
18ddb	do	Ps	--------	36	10	600	10	T	------	E	N	------	V	Wells 32-3E-18ddb and 18ddc are shown by a single well symbol in figure 1.
18ddc	do	Ps	2	38	18	1,000	11	C	------	E	N	------	V	City well 1. Two similar wells on one pump.
19bab	do	Ps	2	46	18	1,000	9	C	------	E	N	------	M	City well 3. Two similar wells on one pump.
25bdc	do	Ps	--------	113	10	976	70	T	104	E	N	------	V	City well 7. Used as stand-by well. Quality of water is poor.
33-6E-13bcd	City of Dexter	Ps	--------	36	36	100	26	T and C	------	E	N	7.5 and 15	M	Centrifugal and turbine pump installed in well.
4E-18ddc	Cities of Winfield and Arkansas City.	Ind	--------	44	8	165	19	T	------	E	N	------	V	
19aab	do	Ind	--------	44	8	110	22	T	------	E	N	------	V	Wells 33-4E-19aab and 19aac are shown by a single well symbol in figure 1.
19aac	do	Ind	--------	41	8	125	20	T	------	E	N	------	V	
19adb1	do	Ind	--------	44	8	97	18	T	------	E	N	------	V	Wells 33-4E-19adb1, 19adb2, and 19adc are shown by a single well symbol in figure 1.
19adb2	do	Ind	--------	41	8	188	19	T	------	E	N	------	V	
19adc	do	Ind	--------	41	8	157	16	T	------	E	N	------	V	
3E-5bbc	City of Winfield	Ps	--------	41	10	500	11	T	40	E	N	------	V	City well 9.
5cac	do	Ps	--------	44	10	500	11	T	42	E	N	------	V	City well 12.
6ca	D. D. and C. W. Knapp	Ir	--------	38	7	980	------	C-5	------	D	------	44	G	
6da	do	Ir	--------	38	7	980	------	C-5	------	D	------	44	G	
6dc	do	Ir	--------	38	7	980	------	C-5	------	D	------	44	G	
25bc	Walter A. Hunt	Ir	2	46	16	1,800	28	T-6	------	G	------	------	V	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
25cd1	do	Ir	--------	48	16	225	------	C-4	------	------	------	------	M	Wells 33-3E-25cd1 and 25cd2 are shown by a single well symbol in figure 1.
25cd2	do	Ir	--------	48	16	700	26	T-5	------	G	------	35	V	
25da	Howard G. Birdzell	Ir	--------	50	48	400	35	T	------	------	------	------	V	
29d	H. R. Moldenhauer	Ir	--------	30	6	750	19	C	------	G	------	60	G	
34-4E-20b	Herman Goff	Ir	--------	28	72	650	------	C-6	------	G	------	------	G	
35cc	Joe W. Atkins	Ir	--------	40	14	2,000	16	T-6	------	P	------	------	G	

34-3E-4cd	Wallace P. Boggs	Ir	4	40	6	700	14	C-4	------	G	------	60	M	All wells are similarly constructed and are shown by a single well symbol in figure 1.
4d	Max Quinn	Ir	--------	39	16	1,250	16	C-6	------	G	------	72	M	
7cba1	City of Geuda Springs	Ps	--------	50	8	------	35	T	------	E	N	7.5	V	Wells 34-3E-7cba1 and 7cba2 are shown by a single well symbol in figure 1.
7cba2	do	Ps	--------	45	144	------	35	T	------	E	N	7.5	M	
26bad1	City of Arkansas City	Ps	--------	37	18	500	13	T	41	E	N	15	G	City well 3. Wells 34-3E-26bad1 and 26bad2 are shown by a single well symbol in figure 1.
26bad2	do	Ps	--------	40	18	500	9	T	35	E	N	15	G	City well 4.
26bda1	do	Ps	--------	39	18	500	11	T	36	E	N	15	G	City well 1. Wells 34-3E-26bda1 and 26bda2 are shown by a single well symbol in figure 1.
26bda2	do	Ps	--------	37	18	500	9	T	35	E	N	15	G	City well 2.
26cd	Garland L. Campbell	Ir	--------	39	14	750	12	------	------	------	------	------	M	
26dbc	City of Arkansas City	Ps	--------	40	18	750	12	T	32	E	N	15	G	City well 7. Wells 34-3E-26dbc, 26dcc, 26dcb, and 26dcd are shown by a single well symbol in figure 1.
26dcc	do	Ps	--------	40	18	750	12	T	------	E	N	20	G	City well 6.
26dcb	do	Ps	--------	40	18	750	12	T	32	E	N	20	G	City well 8.
26dcd	do	Ps	--------	39	18	750	12	T	30	E	N	20	G	City well 5.
35-4E-5bb1	Anderson-Pritchard Oil Co.	Ind	--------	30	6	250	18	T	------	E	N	40	G	Wells 35-4E-5bb1 and 5bb2 are shown by a single well symbol in figure 1.
5bb2	do	Ind	--------	30	6	540	22	T	------	E	N	40	G	
6bb	Maurer-Neuer Inc	Ind	3	------	------	1,200	------	T	------	E	------	------	G	Rate of discharge is total for 3 wells.
6b	Bolton Corp	Ind	--------	50	12	200	------	T-8	------	E	N	25	G	Wells 35-4E-6bb and 6b are shown by a single well symbol in figure 1.

HARPER COUNTY

31-7W-18b	Jesse Hamilton	Ir	--------	83	16	250	38	T	------	------	------	------	------	
31-8W-5ca1	Magnolia Petroleum Co.	Ind	--------	107	24	150	74	T	------	E	N	7.5	V	Wells 31-8W-5ca1, 5ca2, and 5ca3 are shown by a single well symbol in figure 1.
5ca2	do	Ind	--------	107	24	130	74	T	------	E	N	15	V	
5ca3	do	Ind	--------	103	24	200	72	T	------	E	N	15	V	
31-9W-1cc	Phillips Pipeline Co	Ind	--------	110	8	200	------	------	------	E	N	5	V	
32-6W-9aa1	Amra H. Hostefler	Ir	--------	67	16	400	47	T	------	D	N	50	V	Wells 32-6W-9aa1 and 9aa2 are shown by a single well symbol in figure 1.
9aa2	Ruth Hostefler	Ir	--------	65	16	500	------	T-6	------	P	N	56	V	
32-7W-2cac	City of Harper	Ps	--------	54	18	150	------	T	50	E	N	50	V	
2dcb	do	Ps	--------	80	18	450	------	T	75	E	N	75	V	
11add	do	Ps	--------	83	18	700	37	T	80	E	N	40	V	
12ca	Irvin A. Unruh	Ir	--------	103	6	500	23	T-6	------	Ng	N	65	V	
32-7W-12cca	City of Anthony	Ps	--------	85	18	500	------	T	80	E	E	25	V	Wells 32-7W-12cca, 12ccc, and 12ccd, are shown by a single well symbol in figure 1.
12ccc	do	Ps	--------	93	18	500	------	T	85	E	E	25	V	
12ccd	do	Ps	--------	72	18	300	------	T	65	E	E	25	V	

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						HARPER COUNTY—Continued								
32-8W-13da	C. L. Noffzign	Ir	--------	80	18	1,000	------	T-6	------	B	N	------	V	
33-7W-34ccb	City of Anthony	Ps	--------	40	12	300	------	T	35	E	E	25	G	Wells 33-7W-34ccb and 34ccd are shown by a single well symbol in figure 1.
34ccd	do	Ps	--------	40	12	300	------	T	35	E	E	25	G	Water used for cooling in municipal power plant.
						HARVEY COUNTY								
22-2E-31ba	City of Walton	Ps	--------	32	6	16.5	18	T	28	E	N	2.5	M	
31bba	do	Ps	--------	32	6	16.5	18	T	28	E	N	2.5	M	
2W-5c	Earl W. Bartel	Ir	--------	120	18	1,000	45	T-8	------	B	N	70	V	
15aa	City of Hesston	Ps	--------	130	18	566	28	T	95	E	N	40	V	
22a	Leslie Hubin	Ir	--------	138	12	600	14	T-6	------	B	N	50	V	
22ba	Eldo R. Schrag	Ir	--------	138	24	700	7	T-8	------	G	N	50	V	
3W-2cd	Samuel Regier	Ir	--------	70	14	1,135	20	T	------	B	N	60	V	
5ad	Arnold B. Schmidt	Ir	--------	174	36	1,000	35	T-8	------	G	N	80	V	
9ba	J. R. Voth	Ir	--------	180	18	600	23	T-8	------	B	N	36	V	
11c	Reuben Regier	Ir	--------	130	33	1,500	------	T-8	------	G	N	65	V	
12a	W. W. Albrecht	Ir	--------	72	18	900	20	C-4	------	------	N	30	M	
12bc	Tilman Kaufman	Ir	--------	70	10	400	15	C-3	------	G	N	30	M	
17aa	Edwin R. Schmidt	Ir	--------	160	30	1,700	------	--------	------	G	N	50	V	
23-1W-19a	Marvin DeBois	Ir	--------	120	16	1,200	36	T-8	------	P	N	75	V	
28aa	Alden E. Branine	Ir	--------	200	19	750	32	T	------	G	N	------	V	
30bb	Pearl Nieto	Ir	--------	155	14	400	75	-------	------	------	------	------	V	
32bac	City of Newton	Ps	--------	------	24	500	------	T	------	E	N	25	V	City well 9. Wells 23-1W-32bac, 32bca, 32bdb, 32bdc1, and 32bdc2 are shown by a single well symbol in figure 1.
32bca	do	Ps	--------	104	12	430	36	T-6	103	E	N	15	V	City well 1.
32bdb	do	Ps	--------	104	12	425	36	T-6	103	E	N	15	V	City well 2.
32bdc1	do	Ps	--------	134	12	325	52	T-6	------	E	N	------	V	City well 3.
32bdc2	do	Ps	--------	127	12	450	51	T-6	------	E	N	15	V	City well 4.
32cba	do	Ps	--------	142	12	600	45	T-8	104	E	N	20	V	City well 5. Wells 23-1W-32cba, 32cbc and 32ccb, are shown by a single well symbol in figure 1.
32cbc	do	Ps	--------	154	12	625	51	T-8	104	E	N	20	V	City well 6.
32ccb	do	Ps	--------	159	12	640	54	T-8	104	E	N	20	V	City well 7.

2W-4adc	A. G. Dych	Ir	--------	110	18	2,000	40	T-8	------	-----	------	------	V	
17c	Clarence A. Schirer	Ir	--------	162	16	100	------	T	------	B	N	------	V	
22ba	Ester Mueller	Ir	--------	103	16	960	16	T	------	B	N	80	V	
22c	Harvey L. Hensley	Ir	2	48 and 52	15	1,000	------	C	------	-----	------	------	M	Both wells similarly constructed except for depth; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
26bc	A. C. Dettweiler	Ir	--------	85	16	1,200	------	T-6	------	G	N	48	V	
26d	Cecil W. Keller	Ir	--------	60	17	300	20	T-5	------	G	N	26	V	
29bbb	City of Wichita	Ps	--------	222	18	550	38	T-15	124	E	N	50	V	City well 1.
29c1	M. H. Unruh	Ir	--------	234	18	800	------	T-6	------	B	N	100	V	Wells 23-2W-29c1 and 29c2 are shown by a single well symbol in figure 1.
29c2	------do	Ir	--------	100	16	700	------	T-6	------	-----	------	------	V	
29cbb	City of Wichita	Ps	--------	231	18	870	40	T-12	137	E	N	30	V	City well 2.
29cdd	------do	Ps	--------	238	18	890	45	T-15	154	E	N	50	V	City well 4.
30ddd	------do	Ps	--------	234	18	450	45	T-12	195	E	N	30	V	City well 3.
31d	Daniel C. Buller	Ir	--------	200	18	2,000	------	T-8	------	G	N	65	V	
32cbb	City of Wichita	Ps	--------	237	18	880	42	T-15	184	E	N	50	V	City well 5.
32ccc	------do	Ps	--------	250	18	1,090	46	T-15	144	E	N	50	V	City well 6.
33cb	Clayton P. Dreese	Ir	--------	140	8	1,000	------	T-6	------	B	N	------	V	
34a	P. C. Bean	Ir	--------	-----	12	1,200	65	T	------	-----	------	------	V	
36b	Walter C. Hilke	Ir	--------	98	18	1,000	22	T-8	------	G	N	58	V	
3W-14c1	Marvin C. Darling	Ir	--------	33	4	-------	13	C-2.5	------	G	N	30	M	The 4 wells in 23-3W-14c have a combined rate of discharge of 2,000 gpm and are shown by a single well symbol in figure 1.
14c2	------do	Ir	--------	33	14	-------	13	C-2.5	------	G	N	30	M	
14c3	------do	Ir	--------	30	16	-------	13	C-2.5	------	G	N	30	M	
14c4	------do	Ir	--------	30	18	-------	13	T-8	------	G	N	100	M	
14bd	Albert A. Goering	Ir	--------	150	12	1,000	30	T-8	------	-----	N	50	V	
19a	Harry Nichtengale	Ir	--------	100	33	1,000	18	T-8	------	-----	N	50	V	
29dda	City of Burrton	Ps	--------	55	24	250	------	T	50	E	N	15	V	
29ddb	------do	Ps	--------	50	24	150	------	T	47	E	N	15	V	
31ba	Joe G. Schrag	Ir	--------	60	18	1,500	13	T-8	------	-----	------	60	V	
35a	Victor E. Chesky	Ir	--------	150	-------	1,700	40	-------	------	-----	------	------	V	
36b	Leo Koehn	Ir	--------	175	36	1,200	------	T-8	------	G	N	65	V	
24-1W-6aaa	City of Newton	Ps	--------	164	12	575	58	T-6	118	E	N	20	V	City well 11.
6add	------do	Ps	--------	188	12	840	66	T-8	129	E	N	30	V	City well 12.
8dd	Reubin J. Koehn	Ir	--------	60	6	500	20	T-6	------	-----	------	------	V	
17b	Sarah J. Miles	Ir	--------	150	16	1,000	60	T-8	------	G	N	60	V	
17cb	Walter E. Niles	Ir	--------	143	16	1,100	19	T	------	B	N	100	V	
18c	Clarence Zarnowski	Ir	--------	140	16	574	25	T	------	B	N	80	V	
33dca	City of Sedgwick	Ps	--------	105	-------	400	------	T-6	95	E	N	25	V	
34bbb	------do	Ps	--------	50	-------	250	------	T-4	45	E	N	15	V	
2W-2add	City of Halstead	Ps	--------	144	18	500	25	T	50	E	G	30	V	
2baa	------do	Ps	--------	147	18	450	25	T	50	E	N	25	V	
2c	Roy V. Masterson	Ir	--------	40	6	600	------	C-4	------	B	N	50	V	
3b	Thomas L. Foster	Ir	--------	80	16	1,000	20	T-8	------	B	N	36	V	
6add	City of Wichita	Ps	--------	252	18	890	45	T-15	164	E	N	50	V	City well 7.
8baa	------do	Ps	--------	237	18	950	39	T-15	124	E	N	50	V	City well 10.
8bbb	------do	Ps	--------	220	18	1,130	36	T-15	89	E	N	40	V	City well 8.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						HARVEY COUNTY—Continued								
24-2W-8bcc	City of Wichita	Ps		227	18	850	32	T-15	89	E	N	50	V	City well 9.
8dbb	do	Ps		248	18	760	40	T-15	99	E	N	40	V	City well 11.
9add	do	Ps		193	18	650	35	T-15	110	E	N	50	V	City well 16.
9cbb	do	Ps		236	18	980	40	T-15	124	E	N	50	V	City well 12.
9ddd	do	Ps		193	18	820	35	T-15	109	E	N	40	V	City well 17.
10c	Abe Schmidt	Ir				1,000								
14ad1	Robert Hensley	Ir				632		C-4		B			V	Wells 24-2W-14ad1 and 14ad2 are shown by a single well symbol in figure 1.
14ad2	do	Ir		49	6	600	24	C-4		G	N	30	V	
16bbb	City of Wichita	Ps		204	18	960	38	T-15	124	E	N	60	V	City well 14.
16cbb	do	Ps		244	18	1,770	35	T-15	79	E	N	60	V	City well 15.
16daa	do	Ps		185	18	970	30	T-15	84	E	N	40	V	City well 18.
17abb	do	Ps		245	18	930	40	T-15	84	E	N	40	V	City well 13.
17c	James C. Young	Ir		150	16	1,000	35	T-8		B	N	75	V	
22bcc	City of Wichita	Ps		195	18	600	27	T-12	94	E	N	20	V	City well 26.
22cdd	do	Ps		158	18	630	29	T-15	84	E	N	40	V	City well 19.
24b1	Robert Hensley	Ir		70	6	1,000	20			B	N		V	Wells 24-2W-24b1 and 24b2 are shown by a single well symbol in figure 1.
24b2	do	Ir		55	6	750	25	C-4		G	N	30	V	
25b	W. F. Young	Ir		50	6	750	20						V	
25c	Otis Koehn	Ir		86	12	1,000		T-6		B	N	50	V	
26ccc	City of Wichita	Ps		80	18	500	24	T-12	70	E	N	25	V	City well 21.
26dcc	do	Ps		188	18	900	25	T-12	124	E	N	40	V	City well 22.
27aaa	do	Ps		145	18	670	29	T-15	80	E	N	25	V	City well 20.
28daa	do	Ps		256	18	1,660	28	T-15	160	E	N	75	V	City well 48.
28dcc	do	Ps		250	18	1,680	30	T-15	160	E	N	60	V	City well 50.
28ddd	do	Ps		249	18	1,650	28	T-15	160	E	N	60	V	City well 49.
35add	do	Ps		204	18	730	27	T-15	104	E	N	40	V	City well 23.
35ddd	do	Ps		97	18	720	25	T-15	79	E	N	30	V	City well 24.
36dcc	do	Ps		189	18	720	27	T-15	84	E	N	30	V	City well 25.
3W-3a	Dave Little	Ir		32	10	500	13	C-4		G	N	20	M	
4da	Peter T. Klassen	Ir		45	12	1,200	15	C-6		G	N	50	M	
11aaa	City of Wichita	Ps		236	18	1,150	38	T-15	180	E	N	60	V	City well 41.
11add	do	Ps		259	18	1,200	39	T-15	180	E	N	50	V	City well 42.
11dcc	do	Ps		143	18	1,440	15	T-15	119	E	N	60	V	City well 44.
11ddd	do	Ps		241	18	1,380	22	T-15	120	E	N	50	V	City well 43.
17bb	C. A. Boyle	Ir	2	24	4	750		C					M	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.

21ac---	J. C. Elliot----------	Ir	--------	50	6	200	10	C	------	E	N	2	M	
22c----	Fowler B. Poling ----	R	5	27	15	5,000	------	T-6	------	G	N	100	G	All wells are similarly constructed; rate of discharge is total for 5 wells. Wells are shown by a single well symbol in figure 1.
23daa--	City of Wichita ------	Ps	--------	167	18	1,110	19	T-15	98	E	N	30	V	City well 45.
23ddd--	------do----------	Ps	--------	109	18	760	16	T-15	78	E	N	25	V	City well 46.
24c----	Frederick Bumm ----	Ir	--------	50	17	1,500	15	C	------	Ng	N	------	M	
24dcc--	City of Wichita ------	Ps	--------	146	18	1,130	20	T-15	118	E	N	40	V	City well 47.
29ad---	Earl H. and Lyle Campbell.	Ir	--------	35	8	900	15	C-4	------	E	N	10	M	
32ba---	C. E. Frentz --------	Ir	--------	50	8	750	9	C-5	------	B	N	------	M	
35d----	Howard Blubaugh ----	Ir	3	40	6	600	11	C	------	G	N	113	M	All wells are similarly constructed; rate of discharge is total for 3 wells. Wells are shown by a single well symbol in figure 1.

MARION COUNTY

19-4E-10aaa--	City of Marion-------	Ps	--------	80	10	600	18	T	75	B	N	30	V	
3E-30cc---	City of Hillsboro-----	Ps	--------	90	10	29	74	T-4	82	E	N	5	V	City well 6.
30cd---	------do----------	Ps	--------	90	10	37	74	T-4	82	E	N	5	V	City well 1.
30dc---	------do----------	Ps	--------	90	10	28	74	T-4	82	E	N	5	V	City well 2.
30dd---	------do----------	Ps	--------	90	10	27	74	T-4	82	E	N	5	V	City well 4.
31ba---	------do----------	Ps	--------	90	10	34	74	T-4	82	E	N	5	V	City well 5.
20-4E-36ddc--	City of Florence -----	Ps	Spring	-----	-------	60	------	C	------	E	G	15	G	Spring house contains two pumps rated at 30 gpm each.
2E-3bcd---	City of Hillsboro-----	Ps	--------	94	10	80	35	T-4	82	E	N	15	V	City well 11.
4aa----	------do----------	Ps	--------	94	10	59	35	T-4	82	E	N	15	V	City well 8.
4da----	------do----------	Ps	--------	94	10	160	35	T-4	82	E	N	15	V	City well 9.
4dd----	------do----------	Ps	--------	94	10	160	35	T-4	82	E	N	15	V	City well 10.
21-3E-33dcc--	City of Peabody------	Ps	--------	110	8	100	------	T	80	E	G	10	V	City well 5E. City has 2 pumps equipped with belt drives for tractor for emergency use.
22-5E-33cad--	City of Burns--------	Ps	--------	150	6	50	90	T	------	E	N	7	V	City well 3.
33cdc--	------do----------	Ps	--------	150	6	35	90	T	------	E	N	10	V	City well 5. Wells 22-5E-33cdc and 33cdd are shown by a single well symbol in figure 1.
33cdd--	------do----------	Ps	--------	160	6	30	90	T	------	E	N	7	V	City well 4.
3E-4abd---	City of Peabody------	Ps	--------	65	8	100	------	T	60	E	G	10	V	City well 7. Wells 22-3E-4abd, 4aca, 4acc1, and 4acc2 are shown by a single well symbol in figure 1.
4aca---	------do----------	Ps	--------	70	8	50	------	T	60	E	N	10	V	City well 3R.
4acc1--	------do----------	Ps	--------	75	8	50	------	T	60	E	N	10	V	City well 4SW.
4acc2--	------do----------	Ps	--------	50	8	150	------	T	40	E	N	10	V	City well 6SP.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						KINGMAN COUNTY								
27-5W-33abb	Drillers Gas Co	Ind	--------	65	12	350	------	T	------	E	N	------	V	
6W-6ccd	Kenneth Kautzer	Ir	8	30	5	260	10	C	------	G	N	------	G	All wells are similarly constructed; rate of discharge is total for 8 wells. Wells are shown by a single well symbol in figure 1.
7W-3ad	Merle W. Young	Ir	--------	57	16	170	------	T-6	------	E	N	7.5	V	
30cba	City of Kingman	Ps	--------	49	48	326	21	T	45	E	E	25	V	Portable electric generator for one well. Wells 27-7W-30cba and 30cbb are shown by a single well symbol in figure 1.
30cbb	do	Ps	--------	49	48	205	14	T	45	E	N	15	V	
8W-15db	Cleo Sallee	Ir	--------	50	14	600	11	T	------	G	N	25	V	
25d	Richard Funke	Ir	--------	55	24	300	18	T-5	------	Ng	N	40	V	
28-7W-6dab	City of Kingman	Ps	--------	44	12	300	6	T	------	E	N	------	M	
29cd	Leslie Brown	Ir	--------	80	16	340	28	T-6	------	B	N	40	V	
30ddd	Harold Schmidt	Ir	--------	65	5	400	------	C	------	G	N	------	M	
8W-2ccc	City of Kingman	Ps	3 Springs	-----	-------	285	------	-------	------	-----	------	------	G	A group of 3 contact springs connected to common transmission line. Rate of discharge is average flow for 3 springs.
6ccc	Kansas Power and Light Co.	Ind	2	82	8	200	35	T	------	E	N	------	V	Both wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
29-7W-6aca	R. D. Turner	Ir	--------	85	16	400	55	T-5	------	B	N	75	V	
9baa	Lawrence Woodson	Ir	--------	132	16	500	50	T-8	------	B	N	65	V	
30-5W-3cdd1	City of Norwich	Ps	--------	92	12	150	24	T	------	E	N	------	V	Wells 30-5W-3cdd1 and 3cdd2 are shown by a single well symbol in figure 1.
3cdd2	do	Ps	--------	92	12	150	24	T	------	E	N	------	V	
12cca	D. I. Lowery	Ir	--------	63	16	475	20	T-8	------	G	N	50	V	
14aac	Earl J. Fieser	Ir	--------	110	16	440	30	T-6	------	G	N	50	V	
6W-6b	Thurlow W. Clark	Ir	--------	50	16	300	17	T-5	------	B	N	50	M	
9ad	Frank Kraus	Ir	--------	-----	-------	40	19	-------	------	-----	------	------	M	
9dac	Russell G. Childs	Ir	--------	51	16	290	15	T-6	------	G	N	40	M	Well 30-6W-9dac and the 5 wells in 30-6W-9d are shown by a single well symbol in figure 1.
9d	do	Ir	5	51	16	285	15	T	------	G	N	40	M	

14b	Henry A. Bloesser	Ir	--------	45	16	500	16	T-6	------	B	N	35	M	
7W-9bd	Ben Garibay	Ir	--------	35	12	150	16	T-4	------	B	N	15	M	
15bb	Phillips Petroleum Co.	Ind	2	50	7	500	------	J-7	------	E	N	10	G	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.

MCPHERSON COUNTY

19-1W-32acb	City of Canton	Ps	--------	117	15	342	------	T	------	E	N	30	V	
32adb	------do	Ps	--------	96	15	256	------	T	------	E	N	30	V	
32d	Albert E. Koehn	Ir	--------	115	16	1,000	49	T-8	------	G	N	70	V	
2W-22cba	City of Galva	Ps	--------	42	12	65	------	T	35	E	N	7.5	V	
22ccc	------do	Ps	--------	42	12	40	18	T	35	E	N	5.5	V	Wells 19-2W-22ccc and 22ccd are shown by a single well symbol in figure 1.
22ccd	------do	Ps	--------	42	12	85	18	T	35	E	N	7.5	V	
3W-19cd1	Bay Refining Corp	Ind	--------	147	16	70	70	T	------	E	N	------	V	Wells 19-3W-19cd1 and 19cd2 are shown by a single well symbol in figure 1.
19cd2	------do	Ind	--------	130	16	70	70	T	------	E	N	------	V	
29aba	City of McPherson	Ps	--------	150	26	517	63	T	------	E	E	40	V	1,000 kw diesel-powered generator for emergency use.
29aca	------do	Ps	--------	151	26	724	87	T	------	E	E	100	V	
29dba1	------do	Ps	--------	132	26	276	74	T	------	E	E	10	V	Wells 19-3W-29dba1, 29dba2, and 29dbd, are shown by a single well symbol in figure 1.
29dba2	------do	Ps	--------	161	26	936	64	T	------	E	E	100	V	
29dbd	------do	Ps	--------	158	26	1,338	72	T	------	E	E	125	V	
29dcd	------do	Ps	--------	146	26	1,750	71	T	------	E	E	150	V	
31aaa	------do	Ps	--------	151	26	1,244	61	T	------	E	E	125	V	
31ab	William H. Janssen	Ir	2	143	18	1,200	67	T-8	------	Ng	N	50	V	Wells are similarly constructed and are shown by a single well symbol in figure 1.
4W-35bb	Marvin F. Boyce	Ir	--------	131	18	1,000	68	T-8	------	G	N	36	V	
20-1W-5bb	Charles A. Tinsley	Ir	--------	106	16	600	40	T-6	------	G	N	150	V	
8b	Gus. Koehn	Ir	--------	101	17	1,000	30	T-8	------	G	N	60	V	
10ab	Frank E. Koehn	Ir	--------	70	16	600	20	T-6	------	------	------	------	V	
27cc	Aldea J. Schroeder	Ir	--------	48	6	500	20	T	------	G	N	25	V	
3W-5a1	National Coop. Refinery Assoc.	Ind	--------	160	30	1,000	73	T	------	E	N	75	V	Wells 20-3W-5a1 and 5a2 are shown by a single well symbol in figure 1.
5a2	------do	Ind	--------	170	30	1,000	73	T	------	E	N	100	V	
6c	William H. Jansen	Ir	--------	150	18	1,200	------	T	------	P	N	60	V	
22d	Herman Schrag	Ir	--------	72	18	500	32	T	------	D	N	50	V	
30bb	Martin R. Seidel	Ir	--------	100	18	1,000	40	T-8	------	G	N	50	V	
4W-15bc	Winston Walker	Ir	--------	94	16	670	40	T-6	------	------	------	------	V	
23dc	C. R. I. & P. R.R	Ind	--------	75	12	20	------	T	65	E	N	7.5	V	
25da	B. L. Nikkel	Ir	--------	142	36	1,000	20	T-8	------	B	N	50	V	
25d	E. C. Crary	Ir	--------	121	16	1,200	36	T	------	P	N	50	V	
27aa	Milton Wiens	Ir	--------	102	18	2,000	72	T-8	------	G	N	60	V	
35b	Aran T. Penner	Ir	--------	------	------	150	------	T-4	------	G	N	36	V	Wells 20-4W-35b and 35bb are shown by a single well symbol in figure 1.
35bb	Ben N. Penner	Ir	--------	142	18	2,000	30	T-8	------	P	N	50	V	
35da	Abe E. Nikkel	Ir	--------	150	18	1,500	41	T-8	------	G	N	60	V	

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						MCPHERSON COUNTY—Continued								
20-5W-32ab	Leonard Carlson	Ir	--------	180	12	500	120	T-6	------	------	-----	------	V	
21-2W-20ca	David C. Goering	Ir	--------	130	21	1,200	50	T-8	------	G	N	40	V	
28cb	Virgil Kaufman	Ir	--------	102	18	700	32	T-6	------	G	N	35	V	
29baa	City of Moundridge	Ps	--------	124	24	280	41	T	70	E	G	25	V	One well equipped with gasoline engine for emergency use.
29bba	do	Ps	--------	140	24	300	41	T	120	E	G	25	V	
32dd	Dale J. Jantzen	Ir	--------	140	18	1,500	42	T-8	------	P	N	35	V	
3W-6c	E. P. Heidebrecht	Ir	--------	144	18	1,600	------	T-8	------	P	N	35	V	
8d	Marvin J. Neufeldt	Ir	--------	203	18	2,000	30	T-6	------	P	N	60	V	
15cb	Howard L. Kaufman	Ir	--------	134	16	1,000	28	T-6	------	P	N	60	V	
33bc	Alvin J. Schrocker	Ir	--------	175	18	1,000	45	T-8	------	P	N	30	V	
4W-2dc	Maurine A. O'Bannon	Ir	--------	160	18	2,000	30	T-8	------	P	N	45	V	
3ab	Dave Ensz	Ir	--------	140	17	1,000	65	T-8	------	G	N	40	V	
11dcd	City of Inman	Ps	--------	80	18	185	15	T	------	E	N	15	V	
11ddc	do	Ps	--------	80	18	225	15	T	------	E	N	25	V	
13bb	Clarence E. Froese	Ir	--------	100	36	1,000	23	T-6	------	G	N	50	V	
36cb	Harry F. Siemens	Ir	--------	148	18	1,000	------	T-8	------	G	N	40	V	
						RENO COUNTY								
22-4W-12cd	Richard Dick	Ir	--------	133	18	780	28	T-8	------	G	N	60	V	
12ddd1	City of Buhler	Ps	--------	102	12	275	8	T	------	E	N	25	V	Wells 22-4W-12ddd1 and 12ddd2 are shown by a single well symbol in figure 1.
12ddd2	do	Ps	--------	82	12	275	8	T	------	E	N	25	V	
13dc	Arthur K. Dick	Ir	--------	132	17	800	27	T-8	------	G	N	40	V	
5W-31aa	Glen B. Ely	Ir	--------	33	12	500	16	C	------	E	N	10	M	
31c	do	Ir	--------	40	14	325	14	C	------	E	N	10	M	
33db	Kansas Power and Light Co.	Ind	2	60	8	18	------	-------	------	E	N	2	V	Both wells are shown by a single well symbol in figure 1.
35cb	Praire Dune Country Club.	Ir	6	100	8	720	------	T	------	E	N	2.5	V	All wells are similarly constructed; rate of discharge is total for 6 wells. Wells are shown by a single well symbol in figure 1.
6W-17c	Chester Kollshoff	Ir	3	40	12	485	7	C-5	------	G	N	50	M	All wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.

17d	Stanley Winchester	Ir	--------	40	12	400	9	C	------	G	N	15	M	
18a	Fred A. Strickler	Ir	3	39	8	470	8	C	------	E	N	------	M	All wells are similarly constructed and are shown by a single well symbol in figure 1.
21dd	Jessie M. Braden	Ir	--------	70	36	1,400	16	C-6	------	G	N	54	M	
31a	Robert E. Kratz	Ir	8	42	6	1,200	------	C-5	------	------	------	------	G	All wells are similarly constructed; rate of discharge is total for 8 wells. Wells are shown by a single well symbol in figure 1.
32aa	Philip M. Clark	Ir	--------	27	12	200	------	C	------	G	N	15	G	
32dc	Robert Krantz	Ir	2	39	12	2,400	10	C-5	------	G	N	48	G	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
7W-5cbd	Florence M. Ramsey	Ir	2	40	16	900	------	C-5	------	G	N	40	G	Do.
12a	O. J. Gould	Ir	--------	35	6	500	7	C	------	G	N	30	M	
12cb	Dwight E. Snyder	Ir	--------	40	16	330	8	C	------	G	N	30	G	
15bbb1	City of Nickerson	Ps	--------	50	12	450	8	T	45	E	N	25	V	Wells 22-7W-15bbb1 and 15bbb2 are shown by a single well symbol in figure 1.
15bbb2	------do	Ps	--------	50	12	450	8	T	45	E	N	25	V	
23-5W-3bc	Wagoner Nurseries	Ir	3	40	8	300	------	------	------	------	------	------	M	All wells are shown by a single well symbol in figure 1.
4c	Kansas Power and Light Co.	Ind	3	55	25	1,200	25	T	------	E	N	75	V	Do.
7acc	City of Hutchinson	Ps	--------	------	24	1,000	14	T-8	------	E	N	50	V	City well 12.
8aa	Central Fiber Products Co.	Ind	4	60	18	4,200	------	T-12	------	E	N	------	V	All wells are similarly constructed; rate of discharge is total for 4 wells. Wells are shown by a single well symbol in figure 1.
9ca	Kansas Power and Light Co.	Ind	--------	68	24	1,200	29	T	------	E	N	125	V	
17baa	City of Hutchinson	Ps	--------	59	24	1,100	18	T-10	------	E	N	125	V	City well 8.
17bbb	------do	Ps	--------	50	24	750	20	T-8	------	E	N	30	V	City well 3.
17ca	Carey Salt Co	Ind	5	55	24	5,000	------	T	------	E	N	25	V	All wells are similarly constructed; rate of discharge is total for 5 wells. Wells are shown by a single well symbol in figure 1.
18cbb	City of Hutchinson	Ps	--------	80	24	1,000	20	T-8	------	E	N	50	V	City well 2.
18dc	Kansas Industrial Refinery.	Ind	2	41	12	700	------	C-6	------	E	N	25	V	Both wells are shown by a single well symbol in figure 1.
19b	Barton Salt Co	Ind	3	57	12	4,600	------	T	------	E,S	N	25	V	All wells are similarly constructed; rate of discharge is total for 3 wells. Wells are shown by a single well symbol in figure 1.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						RENO COUNTY—Continued								
23-5W-21ba	James D. Pattinson	Ir	--------	40	12	275	18	C-4	------	G	N	30	M	
22a	U. Fotopolus	Ir	4	35	6	600	24	C	------	G	N	25	G	All wells are shown by a single well symbol in figure 1.
31ba	C. W. Kelley	Ir	--------	40	18	800	7	C-4	------	D	N	55	G	
6W-1a	Ideal Laundry	Ind	--------	35	12	200	18	C-3	------	E	N	3	V	
1bdd	City of Hutchinson	Ps	--------	65	24	1,100	13	T-10	------	E	N	125	V	City well 7.
1ddd	do	Ps	--------	54	24	1,500	14	T-10	------	E	N	100	V	City well 9.
2ddd	do	Ps	--------	-----	24	2,000	18	T-10	------	E	N	100	V	City well 11.
5ab	Robert Krantz	Ir	--------	39	12	1,200	10	C-5	------	G	N	48	G	
5da	Hubert Morgan	Ir	4	72	12	1,900	8	C-6	------	G	N	25	G	All wells are similarly constructed; rate of discharge is total for 4 wells. All wells are shown by a single well symbol in figure 1.
9b	Nelson Morgan	Ir	--------	46	12	770	9	C	------	G	N	85	G	
9cb	C. W. Kelley	Ir	--------	40	16	550	10	C-4	------	E	N	20	G	
12	Kansas Laundry	Ind	--------	45	14	108	------	C	------	E	N	5	V	Well not shown in figure 1.
12bbb	City of Hutchinson	Ps	--------	60	24	1,500	15	T-8	------	E	N	------	V	City well 4.
12caa	do	Ps	--------	58	24	1,000	14	T-8	------	E	N	40	V	City well 6.
12ccc	do	Ps	--------	65	24	1,000	12	T-10	------	E	N	75	V	City well 5.
12dcc	do	Ps	--------	75	24	1,000	13	T-8	------	E	N	50	V	City well 1.
13ab1	Western Food Products Co.	Ind	5	70	8	500	------	C	------	E	N	5	V	All wells are similarly constructed. The 12 wells in 23-6W-13ab are shown by a single well symbol in figure 1.
13ab2	Carey Ice and Cold Storage.	Ind	5	80	22	800	------	C-4	------	E	N	10	V	All wells are similarly constructed.
13ab3	Fox Theatre	Ind	--------	66	18	160	------	T	------	E	N	7.5	V	
13ab4	Wiley Bldg. Co	Ind	--------	56	12	450	22	T-6	------	E	N	15	V	
13ac	Midland Theatre	Ind	--------	66	18	140	------	T	------	E	N	7.5	V	
13ba1	Strand Theatre	Ind	--------	60	12	100	------	T	------	E	N	5	V	Wells 23-6W-13ba1 and 13ba2 are shown by a single well symbol in figure 1.
13ba2	Wolcot Bldg	Ind	--------	54	16	200	------	T-6	------	E	N	7.5	V	
13b	Kansas Power and Light Co.	Ind	5	70	24	2,500	------	C	------	E	N	------	V	All wells are similarly constructed; rate of discharge is total for 5 wells. Wells 23-6W-13b and 13bbb are shown by a single well symbol in figure 1.

13bbb	City of Hutchinson	Ps	--------	74	24	1,000	15	T-8	------	E	N	50	V	City well 10.
14da	Kraus Plow Co	Ind	--------	35	10	112	10	C	------	E	N	5	M	
15ba	Homer C. Jennings	Ir	--------	39	12	200	------	C	------	E	N	7.5	G	
23b	Morton Salt Co	Ind	3	72	24	3,900	10	T-12 and 6	------	E	N	75 and 40	V	All wells are similarly constructed; rate of discharge is total for 3 wells. Wells are shown by a single well symbol in figure 1.
24ba	Coca Cola Bottling Co.	Ind	--------	46	10	100	19	C-3	------	E	N	5	G	
31dc	Bill H. Clark	Ir	--------	95	18	600	31	T-6	------	E	N	15	V	
7W-35da	Edward D. Nisby	Ir	--------	104	12	400	43	T-6	------	D	N	30	V	
24-4W-3bb	Edna W. Bailey	Ir	--------	50	8	600	14	C-4	------	G	N	25	M	
4c	John and Arlie Lake	Ir	2	42	6	574	9	C	------	G	N	50	M	Both wells are similarly constructed and are shown by a single well symbol in figure 1.
11d	J. H. Stalcup	Ir	--------	34	12	900	------	C-6	------	G	N	50	M	
12a	E. L. Stalcup	Ir	--------	40	22	500	10	C	------	G	N	30	G	
14a	------do	Ir	--------	34	12	900	------	C-6	------	G	N	50	M	
24d	W. L. Hoskinson	Ir	4	50	12	-------	10	C-5	------	G	N	55	G	All wells are similarly constructed and are shown by a single well symbol in figure 1.
26a	E. F. Johnson	Ir	2	55	10	820	8	C-5	------	G	N	50	G	Both wells are similarly constructed and are shown by a single well symbol in figure 1.
26b	E. E. Johnson	Ir	2	50	10	100	6	C-5	------	G	N	55	G	Do.
5W-10c	R. D. Yoder	Ir	--------	184	8	600	22	T	------	E	N	25	V	
14dd	D. J. Coffman	Ir	--------	79	16	1,000	61	T-6	------	G	N	50	V	
16cac	R. J. Schrock	Ir	--------	94	17	330	55	T-6	------	G	N	65	V	
16da	Roy Stutzman	Ir	--------	103	16	800	51	T-6	------	G	N	85	V	
24ca	Alpha J. Kauffman	Ir	--------	57	16	670	18	T	------	Ng	N	50	V	
6W-6a	Harman C. Yoder	Ir	--------	------	-------	800	36	-------	------	------	------	------	------	
7bb	John D. Miller	Ir	--------	75	14	225	20	T-6	------	G	N	40	V	
7cca	Ora C. Nisly	Ir	--------	69	18	530	24	T-6	------	G	N	65	V	
14ba	Tuloma Gas Producing Co.	Ind	2	------	-------	1,000	------	-------	------	------	------	------	------	Both wells are shown by a single well symbol in figure 1.
14d	Fred E. McMurig	Ir	4	40	12	500	35	C	------	G	N	58	G	All wells are shown by a single well symbol in figure 1.
7W-1bb	Melvin Nisly	Ir	--------	90	18	-------	38	T-6	------	G	N	40	V	
1ca	Edwin L. Miller	Ir	--------	70	14	510	38	T-6	------	E	N	35	V	
9dc	W. R. McCoy	Ir	--------	50	10	95	28	T	------	E	N	5	V	
13cc	Mahlon Wagler	Ir	--------	70	12	300	------	T-6	------	G	N	30	V	
14d	Harry L. Miller	Ir	--------	62	12	300	26	T-4	------	G	N	30	V	
21d	H. Hensley Hill	Ir	--------	59	22	600	28	T	------	D	N	50	V	
22a	Alfred J. Miller	Ir	--------	80	18	420	29	T-6	------	G	N	50	V	
22cc	Henry S. Brown	Ir	--------	60	16	400	16	T	------	E	N	15	V	
23a	Raymond Wagler	Ir	--------	80	24	1,000	25	T-8	------	D	N	40	V	
31cc	Lester Ewy	Ir	--------	68	17	800	31	T-8	------	G	N	50	V	
31d	Jorker Durm	Ir	--------	61	18	900	28	T-6	------	D	N	60	V	
8W-34ca	Grant W. Trembly	Ir	--------	45	12	250	25	C-4	------	G	N	35	G	

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						RENO COUNTY—Continued								
25-4W-5cab	City of Haven	Ps	-------	55	12	250	28	T	50	E	N	25	V	City well 1. Wells 25-4W-5cab and 5cac are shown by a single well symbol in figure 1.
5cac	do	Ps	-------	55	12	250	------	T	50	E	N	15	V	City well 2.
5cd	Panhandle Eastern Pipeline Co.	Ind	-------	60	12	200	26	T	------	E	N	20	V	Wells 25-4W-5cd and 5cdc are shown by a single well symbol in figure 1.
5cdc	City of Haven	Ps	-------	48	10	200	25	T	40	E	N	25	V	
6bd	Panhandle Eastern Pipeline Co.	Ind	2	60	12	400	26	T	------	------	-----	20	V	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
6W-31cd	Robert F. Krehbiel	Ir	4	35	6	450	11	C-4	------	E	N	10	G	All wells are similarly constructed; rate of discharge is total for 4 wells. Wells are shown by a single well symbol in figure 1.
34cd	Herbert Krehbiel	Ir	4	20	6	175	5	C-3	------	E	N	5	G	Do.
7W-6b	Perry Lowery	Ir	-------	80	12	150	30	C-6	------	E	N	7.5	M	
35da	Walter N. Murphy	Ir	-------	68	16	650	24	T-8	------	G	N	50	V	
8W-9ba	O. P. Linsheid	Ir	-------	72	16	845	10	T-6	------	G	N	60	V	
10abc1	City of Arlington	Ps	-------	45	16	330	14	T	40	E	N	15	V	Wells 25-8W-10abc1 and 10abc2 are shown by a single well symbol in figure 1.
10abc2	do	Ps	-------	45	12	200	14	T	40	E	N	5	V	
19aa	E. B. Blew	Ir	2	21	12	400	4	C-4	------	G	N	25	G	Both wells are similarly constructed and are shown by a single well symbol in figure 1.
9W-1dd	Clarence Thayer	Ir	-------	70	18	1,100	14	C-6	------	G	N	50	G	
26-5W-13c	J. H. Coffman	Ir	-------	40	12	500	12	C	------	G	N	50	G	
6W-14c	Phil J. Stucky	Ir	-------	35	6	600	12	C-5	------	G	N	50	M	
15cb	Ed. H. Graber	Ir	-------	48	17	600	26	T-6	------	G	N	85	V	
18a	Wayne Albright	Ir	-------	102	17	800	25	T-8	------	G	N	80	V	
18cdb1	City of Pretty Prairie	Ps	-------	40	-------	125	------	T	35	E	N	10	V	Wells 26-6W-18cdb1, 18cdb2, and 18cdb3 are shown by a single well symbol in figure 1.
18cdb2	do	Ps	-------	40	-------	125	------	T	35	E	N	10	V	
18cdb3	do	Ps	-------	70	18	300	33	T-8	50	E	N	20	V	
27b	Herman Schrag	Ir	-------	-----	-------	1,350	------	T-6	------	------	-----	------	V	
30bb	Hugo Walters	Ir	-------	70	16	440	25	T-6	------	G	N	45	V	

7W-13ad	W. W. Graber	Ir	--------	70	16	1,500	20	T-6	------	G	N	60	V	
13d	------do	Ir	2	70	16	810	48	T-8	------	G	N	60	V	Both wells are similarly constructed and are shown by a single well symbol in figure 1.
21dd	Henry S. Stucky	Ir	--------	55	12	200	27	T-4	------	E	N	15	V	
23a	J. J. Kaufman	Ir	--------	88	17	700	27	T-8	------	G	N	85	V	
24b	Carl E. Brown	Ir	--------	94	17	640	60	T-6	------	P	N	50	V	
8W-26cb	Wayne Patterson	Ir	5	27	6	66	8	C	------	E	N	7.5	G	All wells are similarly constructed and are shown by a single well symbol in figure 1.
						SEDGWICK COUNTY								
25-1W-6ccc	City of Wichita	Ps	--------	150	18	580	25	T-15	84	E	N	30	V	City well 34.
7baa	------do	Ps	--------	130	18	680	25	T-15	64	E	N	30	V	City well 35.
7cbb	------do	Ps	--------	184	18	1,040	23	T-15	140	E	N	50	V	City well 36.
15ca	Alma DeVore	Ir	--------	100	16	1,500	20	T-8	------	B	N	140	V	
16d	Floyd DeVore	Ir	--------	50	16	700	13	C	------	P	N	40	M	
17ad	Jacob G. Dick	Ir	--------	100	16	1,000	13	T	------	G	N	100	V	
17cbb	City of Wichita	Ps	--------	154	18	1,260	18	T-15	119	E	N	60	V	City well 39.
17ccc	------do	Ps	--------	127	18	950	18	T-15	110	E	N	60	V	City well 40.
18aaa	------do	Ps	--------	128	18	960	19	T-15	109	E	N	50	V	City well 38.
18abb	------do	Ps	--------	170	18	900	23	T-15	160	E	N	50	V	City well 37.
25ac	Roy C. Wilson	Ir	--------	56	8	500	18	C	------	P	N	45	G	
25dc	------do	Ir	--------	56	12	500	18	C	------	P	N	45	G	
25db	------do	Ir	--------	56	12	500	18	C	------	P	N	45	G	
25ba	A. D. Updegraff	Ir	--------	54	7	645	16	C-4	------	------	------	------	G	The 4 wells in 25-1W-25b are shown by a single well symbol in figure 1. A well is located in the center of each 40 acres.
25bb	------do	Ir	--------	54	7	645	16	C-4	------	------	------	------	G	
25bc	------do	Ir	--------	54	7	645	16	C-4	------	------	------	------	G	
25bd	------do	Ir	--------	54	7	645	16	C-4	------	------	------	------	G	
25ca	------do	Ir	--------	54	7	645	16	C-4	------	------	------	------	G	Wells 25-1W-25ca and 25cd are shown by a single well symbol in figure 1.
25cd	------do	Ir	--------	54	7	645	16	C-4	------	------	------	------	G	
26da	------do	Ir	--------	54	36	1,460	16	T-8	------	------	------	------	M	
26dd	------do	Ir	--------	54	36	1,460	17	T-8	------	------	------	------	M	
27bc	T. C. Darter	Ir	--------	80	18	1,000	15	T	------	G	N	75	V	
30bdb	Homer Jacob	Ir	--------	45	18	750	11	T-8	------	------	------	50	V	
36aca	City of Valley Center	Ps	3	50	-------	1,000	17	T	48	E	E	25	V	All wells are similarly constructed; rate of discharge is total for 3 wells. Wells are shown by a single well symbol in figure 1. Generator is available for emergency use on 1 well.
2W-1add	City of Wichita	Ps	--------	170	18	440	23	T-12	84	E	N	20	V	City well 33.
1cd	John R. Clark	Ir	--------	40	13	550	11	C-4	------	------	------	------	G	
2ab	Mary Young	Ir	--------	25	6	500	------	C	------	G	N	20	G	
2baa	City of Wichita	Ps	--------	220	18	330	25	T-12	95	E	N	20	V	City well 28.
2bbb	------do	Ps	--------	215	18	830	26	T-15	94	E	N	40	V	City well 27.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source		Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
										Regular	Auxiliary			
						SEDGWICK COUNTY—Continued								
25-2W-4a	R. J. Arrowsmith	Ir	--------	45	8	2,000	15	------	------	-----	------	------	-----	
4bb	Harold Collins	Ir	--------	40	10	890	10	C	------	B	N	25	G	
5bbb	City of Wichita	Ps	--------	185	18	950	21	T-15	119	E	N	30	V	City well 51.
5bcc	do	Ps	--------	40	18	910	10	T-15	39	E	N	25	V	City well 52.
5ccd	do	Ps	--------	92	18	850	10	T-15	69	E	N	25	V	City well 53.
5dbb	do	Ps	--------	80	18	920	10	T-15	69	E	N	25	V	City well 54.
5dcd	do	Ps	--------	46	18	1,210	12	T-15	46	E	N	25	M	City well 55.
5dd	Harold Collins	Ir	--------	40	10	1,346	10	C	------	G	N	25	G	
7db	William J. Phelps	Ir	2	60	12	1,000	13	C	------	B	N	30	M	Both wells are shown by a single well symbol in figure 1.
8ad	George L. Clark	Ir	--------	20	12	900	8	C-8	------	B	N	50	G	
9a	James C. Alley	Ir	--------	29	7	1,000	14	C	------	G	N	30	G	
9ca	J. C. Elliot	Ir	--------	-----	-------	400	------	-------	------	-----	------	------	-----	
9cb	do	Ir	--------	-----	-------	400	------	-------	------	-----	------	------	-----	
9cd	do	Ir	2	40	6	300	17	C	------	G	N	30	M	Do.
11baa	City of Wichita	Ps	--------	225	18	910	26	T-15	85	E	N	40	V	City well 30.
11bbb	do	Ps	--------	225	18	840	25	T-15	84	E	N	50	V	City well 29.
12baa	do	Ps	--------	185	18	940	26	T-15	104	E	N	40	V	City well 32.
12bbb	do	Ps	--------	197	18	1,050	26	T-15	84	E	N	50	V	City well 31.
12cc	Lee M. Parrish	Ir	--------	40	6	645	------	C	------	G	N	------	M	
16bb	K. F. Wolf Est	Ir	--------	25	4	665	------	C-4	------	G	N	------	G	
16c	do	Ir	--------	20	4	500	------	C-4	------	G	N	30	G	The 2 wells in 25-2W-16c are shown by a single well symbol in figure 1.
16c	Edna R. Hand	Ir	--------	40	16	1,300	31	T	------	D	N	------	V	
22d	George Jacob	Ir	--------	40	20	1,000	10	C-8	------	P	N	40	G	
23b	Clarence Stamback	Ir	2	40	16	2,000	8	C-8	------	P	N	50	G	Both wells are shown by a single well symbol in figure 1.
23c	do	Ir	--------	50	12	2,000	12	C-10	------	G	N	30	G	
25ba	C. C. Dosien	Ir	--------	37	6	740	------	C-5	------	-----	------	------	M	
26ccc	City of Wichita	Ps	--------	141	26	1,500	5	T-15	------	E	N	60	M	City well R3. Wells 25-2W-26ccc and 26ccd are shown by a single well symbol in figure 1.
26ccd	do	Ps	--------	126	26	1,500	5	T-15	------	E	N	60	M	City well R4.
35bbb	do	Ps	--------	199	26	1,500	5	T-15	------	E	N	60	M	City well R2. Wells 25-2W-35bbb and 35bbd are shown by a single well symbol in figure 1.
35bbd	do	Ps	--------	136	26	1,500	5	T-15	------	E	N	60	M	City well R5.

35bcc	do	Ps		212	26	1,500	5	T-15		E	N	60	M	City well R1.
35ccd	do	Ps		211	26	1,500	5	T-15		E	N	60	M	City well R6.
3W-1cb	H. and E. Blubaugh	Ir		36	6	700	5	C-6					G	
1c	Howard Blubaugh	Ir	6	20	6	800	8	C-6		D	G	75	G	All wells are shown by a single well symbol in figure 1.
11b	Elmer Grimsman	Ir		70	12	950	13	T		B	N	50	V	
11c	do	Ir				550	14	C-6		G	N	45		
11dad	C. E. Reed	Ir	2	125	10	720		T-6		E	N	20	V	Both wells are shown by a single well symbol in figure 1.
12da	Nellie E. Lewis	Ir		25	4	930	8	C		G	N		G	
14cc	Lawrence Bardsher	Ir		170	18	2,000	25	T-10		G	N		V	
15dd	do	Ir		170	18	2,000	25	T-10		G	N		V	
16ccc	City of Mt. Hope	Ps		100		250	25	T		E	G	7.5	V	City well 3. Power take-off on one pump for emergency power drive.
18c	Malcomb W. Moreland	Ir		134	18	1,000	27	T-6		Ng	N	50	V	
20aad1	City of Mt. Hope	Ps		74	12	150	28	T		E	N	5	V	City well 1. Wells 25-3W-20aad1 and 20aad2 are shown by a single well symbol in figure 1.
20aad2	do	Ps		74	12	90	25	T		E	N	7.5	V	City well 2.
20bd	Dale R. Morris	Ir		100	18	1,000	36	T-8		G	N		V	
21bbc	City of Mt. Hope	Ps		100	10	300	25	T		E	N	20	V	City well 4.
22da	Paul A. Dick	Ir		90	18	1,200	30	T-8		G	N		V	
26a	Elmer Grimsman	Ir		70	10	400	14	T-8		G	N	25	V	
26bd	N. B. Martin	Ir		39	6	225		C		G	N		M	
26c	do	Ir		100	12	1,000	18	T		Ng	N	100	V	Wells 25-3W-26c and 26cb are shown by a single well symbol in figure 1.
26cb	do	Ir		100	16	2,000	20	T-8		Ng	N	100	V	
27aa	do	Ir		100	16	2,000	20	T-8		Ng	N	100	V	
27ba	do	Ir	2	100	12	1,000	18	T		Ng	N	100	V	Both wells are shown by a single well symbol in figure 1.
28a	Paul Dick, Jr	Ir		90	18	2,000	23	T-8		G	N	48	V	
29d	F. M. Miles	Ir		90	18	1,500	34	T		G	N	45	V	
36d	R. B. Kellogg	Ir		125		2,000		T-8		B	N		V	
26-1E-6d	Carl H. Sheldon	Ir		40	12	1,000	30	T		G	N	60	V	
17aab1	Park City Improvement Dist.	Ps		42	15	200	16	T		E	N		V	Wells 26-1E-17aab1 and 17aab2 are shown by a single well symbol in figure 1.
17aab2	do	Ps		42	15	200	16	T		E	N		V	
17aba	do	Ps		42	21	240	16	T		E	N		V	Wells 26-1E-17aba and 17abb are shown by a single well symbol in figure 1.
17abb	do	Ps		42	21	240	16	T		E	N		V	
19bc	Howard R. Hall	Ir		42		600	14							
20cdd	Ark Valley Gardens, Inc.	Ir		40	8	75	16	C		G	N	20	G	
20d	Bell Aire Improvement Dist.	Ps	4	40		300	14	T		E	N		M	All wells are similarly constructed; rate of discharge is for single well. Wells are shown by a single well symbol in figure 1.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibiltiy of contamination	Remarks
						SEDGWICK COUNTY—Continued								
26-1E-29ba	Kansas Gas and Electric Co.	Ind	5	46	25	3,250	19	T	------	E	N	------	G	All wells are similarly constructed; rate of discharge is total for 5 wells. Wells are shown by a single well symbol in figure 1.
29bb	------do	Ind	2	47	25	1,500	20	T	------	E	N	60	G	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
30aa	------do	Ind	--------	47	25	750	20	T	------	E	N	60	G	
33cdc	Air Reduction Sales Co.	Ind	--------	47	24	39	32	T-4	------	E	N	5	V	Well is shown in figure 2.
1W-14c	Mark H. Adams	Ir	2	32	24	1,000	5	C	------	------	------	------	G	Both wells are shown by a single well symbol in figure 1.
15c	George H. Holmes	Ir	--------	36	8	850	7	C-5	------	B	N	60	G	
15d1	Mark H. Adams	Ir	2	32	24	1,000	5	C	------	------	------	------	G	Wells 26-1W-15d1, 15d2, and 15d3 are shown by a single well symbol in figure 1.
15d2	J. W. Kessler	Ir	--------	70	10	1,000	13	C-5	------	B	------	110	G	
15d3	------do	Ir	--------	40	10	1,000	13	C-5	------	B	------	110	G	
17aa	C. R. Nickolson	Ir	4	35	12	630	8	C	------	P	N	50	G	All wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
18da	Clyde Nicks	Ir	--------	50	8	500	6	C-4	------	G	N	------	G	
29b	Mrs. Gale Woodard	Ir	--------	46	6	500	------	C	------	B	N	46	M	
2W-6ba	R. B. Kellogg	Ir	--------	125	------	2,000	------	T-8	------	B	N	------	V	
7a	Joe J. Seiler	Ir	--------	60	8	700	11	C	------	G	N	25	M	
14a	DeVore Printing Co., Inc.	Ir	--------	100	16	1,500	20	T	------	B	N	140	V	
14bac	W. B. Linnabur	Ir	--------	55	6	500	17	C	------	E	N	------	M	
14ddb	Dennis Nigg	Ir	--------	70	12	1,000	20	C	------	B	N	62	M	
15aab	Kansas Gas and Electric Co.	Ind	--------	230	18	850	14	T	------	E	N	------	V	Wells 26-2W-15aab, 15aac, and 15aad are shown by a single well symbol in figure 1.
15aac	------do	Ind	--------	229	18	850	14	T	------	E	N	------	V	
15aad	------do	Ind	--------	230	18	850	14	T	------	E	N	------	V	
15add	------do	Ind	--------	230	18	850	14	T	------	E	N	------	V	

16dcc--	Sacred Heart Cemetery.	Ir	--------	60	8	150	16	C	------	E	N	------	M	
16ddc--	City of Colwich ------	Ps	--------	50	8	400	22	T	------	G	N	------	V	Well used for fire protection.
22acd--	A. J. Stolz, Jr -------	Ir	--------	44	6	228	10	C	------	G	N	30	M	
23aac--	Dennis Nigg ---------	Ir	--------	32	6	------	10	N	------	-----	------	------	M	
24bdb--	A. C. Anthony -------	Ir	2	40	6	400	16	C	------	G	N	------	M	Both wells are similarly constructed and are shown by a single well symbol in figure 1.
3W-4baa---	Mary Lingg ---------	Ir	--------	74	18	800	34	T-8	------	B	N	100	V	
27-2E-13ccc1-	Beech Aircraft Corp--	Ind	--------	80	10	350	5	T	------	E	N	25	M	Wells 27-2E-13ccc1, 13ccc2,
13ccc2-	------do----------	Ind	--------	38	10	350	5	T	------	E	N	25	M	and 13ccb are shown by a sin-
13ccb--	------do----------	Ind	--------	40	10	350	5	T	------	N	N	N	M	gle well symbol in figure 1.
1E-4aa----	C.R.I. & P. R.R------	Ind	--------	32	240	200	------	C	------	-----	------	------	M	All wells in 27-1E are shown in figure 2.
4ca----	Wichita Union Stockyards.	Ind	5	45	12	400	------	T	------	E	N	------	M	All wells are similarly constructed and are shown by a single well symbol in figure 2.
4ccc1--	B and S Enterprises, Inc.	Ind	2	45	18	296	30	C-3	------	E	N	15	M	Both wells are similarly constructed. Wells 27-1E-4ccc1
4ccc2--	Kansas Cold Storage Co.	Ind	--------	42	48	298	20	T-6	------	E	N	25	M	and 4ccc2 are shown by a single well symbol in figure 2.
4cdd1--	Dunn Packing Co-----	Ind	--------	28	10	49	15	T-3	------	E	N	3	M	Wells 27-1E-4cdd1 and 4cdd2
4cdd2--	Excell Packing Co ---	Ind	--------	30	24	260	16	T-4	------	E	N	10	M	are shown by a single well symbol in figure 2.
4dcc---	Derby Oil Co --------	Ind	2	37	24	128	17	T-8	------	E	N	15	M	Both wells are shown by a single well symbol in figure 2.
4ddc---	Sunflower Packing Co-	Ind	3	38	8	182	20	J-2	------	E	N	2	M	All wells are similarly constructed and are shown by a single well symbol in figure 2.
5abb---	Ringlers Locker Plant.	Ind	2	34	1.5	27	15	C-1	------	E	N	1	G	Both wells are shown by a single well symbol in figure 2.
6cb----	City of Wichita ------	Ps	--------	47	26	800	19	T-15	33	E	N	50	M	
6cca---	------do----------	Ir	--------	48	-------	350	12	T	------	E	N	15	M	Well is in Benjamin Hills Park.
9bba---	Dold and Sons Packing Co.	Ind	--------	42	36	400	28	T-4	------	E	N	20	M	
9bcc---	General Mills, Inc ---	Ind	4	42	-------	250	18	C	------	E	N	------	M	Two wells are 12 in. and 2 wells are 18-in. diameter. Wells are shown by a single well symbol in figure 2.
9bdc---	Wichita Flour Mills Co.	Ind	--------	38	10	35	18	C	------	E	N	2	M	
10cdd--	Elie Flower Shop and Greenhouse.	Ir	--------	32	24	58	18	C-2	------	E	N	3	G	
15bab--	E. H. Williamson ----	Ir	--------	35	14	97	18	C-2	------	E	N	7.5	G	
16bab--	Kansas Milling Co ---	Ind	--------	42	24	316	18	-------	------	-----	-----	------	M	
16cdc--	Steffen Dairy Foods Co.	Ind	6	33	18	448	17	-------	------	E	N	------	M	All wells are similarly constructed and are shown by a single well symbol in figure 2.
17bbb--	City of Wichita ------	Ir	--------	42	-------	350	10	T	------	E	N	15	G	Well is in Oak Park.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						SEDGWICK COUNTY—Continued								
27-1E-17cdb	City of Wichita	Ir	--------	35	12	300	------	T	------	E	N	40	G	Well is in Riverside Park.
17dbd1	Wichita Laundry and Dry Cleaners.	Ind	2	45	4	95	20	C	------	E	N	7.5	M	Both wells are shown by a single well symbol in figure 1.
17dbd2	Swift Co. Ice Cream Plant.	Ind	--------	40	18	610	20	C-4	------	E	N	15	M	
18baa	City of Wichita	Ps	--------	48	26	800	17	T-15	33	E	N	50	G	City well N2.
18bac	do	Ps	--------	46	26	800	17	T-15	33	E	N	50	G	City well N3.
18bcc	do	Ps	--------	48	26	1,600	18	T-15	33	E	N	40	G	City well S7.
18bdd	do	Ps	--------	45	26	800	16	T-15	33	E	N	50	G	City well N4.
18ca	do	Ir	--------	45	-------	500	14	T	------	E	N	------	G	Well is in Sims Park.
18cbb	do	Ps	--------	47	26	1,600	14	T-15	33	E	N	40	G	City well S6.
18cbc	do	Ps	--------	52	26	1,480	15	T-15	33	E	N	40	G	City well S5.
18cca	do	Ps	--------	49	26	1,740	15	T-15	33	E	N	40	G	City well S4.
18cda	do	Ps	--------	54	26	1,930	9	T-18	13	E	N	40	G	City well S2.
18cdb	do	Ps	--------	50	26	1,900	17	T-15	33	E	N	40	G	City well S3.
18cdc	do	Ps	--------	46	26	1,040	17	T-14	43	E	N	25	G	City well W12.
18cdd1	do	Ps	--------	51	26	1,690	15	T-15	33	E	N	40	G	City well S1.
18cdd2	do	Ps	--------	49	26	1,740	18	T-18	40	E	N	25	G	City well N10.
18cdd3	do	Ps	--------	51	26	1,390	20	T-12	45	E	N	30	G	City well W21.
18dca1	do	Ps	--------	-----	-------	1,560	16	-------	------	E	N	30	G	City well E9.
18dca2	do	Ps	--------	43	18	750	18	T-15	33	E	N	30	G	City well E3.
18dca3	do	Ps	--------	42	18	1,380	17	T-15	33	E	N	50	G	City well E4.
18dca4	do	Ps	--------	42	18	1,190	17	T-15	33	E	N	40	G	City well E5.
18dcb1	do	Ps	--------	43	18	1,160	17	T-15	33	E	N	40	G	City well E2.
18dcb2	do	Ps	--------	41	18	870	17	T-15	33	E	N	40	G	City well E1.
18dcb3	do	Ps	--------	40	18	1,440	16	T-15	33	E	N	30	G	City well E8.
18dcc1	do	Ps	--------	50	26	1,390	22	T-14	45	E	N	25	G	City well W20.
18dcc2	do	Ps	--------	43	26	1,660	17	T-16	40	E	N	20	G	City well W9.
18dcd1	do	Ps	--------	43	26	560	17	T-12	38	E	N	10	G	City well W8.
18dcd2	do	Ps	--------	39	18	1,080	16	T-15	33	E	N	40	G	City well E7.
18dcd3	do	Ps	--------	43	26	840	17	T-12	36	E	N	15	G	City well W15.
18ddc	do	Ps	--------	42	18	1,010	17	T-15	33	E	N	40	G	City well E6.
19dad	Wichita-St. Joseph Hosp. Unit 1.	Ind	--------	37	15	110	-----	C	------	E	N	------	G	
20aad1	Kansas Gas and Electric Co.	Ind	--------	38	28	205	21	C	------	E	N	------	M	

20aad2	do	Ind	8	35		1,550	15	T and C		E	N		M	All wells are similarly constructed; rate of discharge is total for 8 wells. Wells 27-1E-20add1 and 20aad2 are shown by a single well symbol in figure 2.
20acc	Broadview Hotel	Ind		37	30	1,180		C-4		E	N	20	M	
20add1	Miller Theatre	Ind	3	33	12	350	22	C		E	N	20	M	All wells are similarly constructed. Wells 27-1E-20add1, 20add2, and 20add3 are shown by a single well symbol in figure 2.
20add2	McLellan Store	Ind		32	12	202	14	C-3		E	N	5	M	
20add3	First National Bank	Ind		30	12	125		C		E	N	3	M	
20add4	Lassen Hotel	Ind	3	26	16	2,000	22	T		E	N	25	M	All wells are similarly constructed; rate of discharge is total for 3 wells. Wells are shown by a single well symbol in figure 2.
20add5	Fourth National Bank	Ind		30	12	100		C-2		E	N	5	M	
20cad	Civic Theatre	Ind		30	12	50	20	C-2		E	N	3	M	
20cbc	Beatrice Food Co	Ind		42	6	200	16	T-4		E	N	25	M	
20cbd	Crystal Ice and Fuel Co.	Ind	3	33	8	490	12	C		E	N	3	M	All wells are similarly constructed and are shown by a single well symbol in figure 2.
20cda	City of Wichita	Ir		40		350	15	T		E	N	15	M	Well is in Stadium Park.
20daa	George Innes Co	Ind	4	32	12	400	25	C-3		E	N	5	M	All wells are similarly constructed. Wells 27-1E-20daa and 20da are shown by a single well symbol in figure 2.
20da	A. W. Hinkle Co	Ind		32	12	100	20	C-4		E	N	5	M	
21baa	General Baking Co	Ind		40	18	150	18	C		E	N	5	M	
21bcc1	Palace Theatre	Ind		32	10	200	12	C-4		E	N	7.5	M	Wells 27-1E-21bcc1 and 21bcc2 are shown by a single well symbol in figure 2.
21bcc2	Bucks, Inc	Ind		32	24	300	16	C-3		E	N	5	M	
21caa	Wichita Ice and Cold Storage Co.	Ind	6	35	24	350	20	C		E	N		M	All wells are similarly constructed and are shown by a single well symbol in figure 2.
21cba	Eaton Hotel	Ind		30	8	100	15	C-2		E	N	3	M	
21cbb	Allis Hotel	Ind		28	18	320	13	C-2		E	N	3	M	
22bdc	Armstrong Creamery Co.	Ind		28	30	200	22	T-4		E	N	5	G	
22cba	DeCoursey Cream Co	Ind	3	30	18	100	16	T-4		E	N	10	G	Do.
27bdb	Boulevard Theatre	Ind		43	8	250	30	T-4		E	N	7.5	G	
28ddc	Harry St. Greenhouse	Ir		38	2	100	15	C-2					M	
29abd	Cardwell Mfg. Co	Ind		36	24	286		T-6		E	N	20	G	
31ada	City of Wichita	Ir		38		350	16	T		E	N	15	M	Well is in Aley Park.
34bbc	do	Ir		27		350	16	T		E	N	15	M	Well is in South Linwood Park.
27-1W-16dbb	Country Acres Improvement Dist.	Ps		115	12	400	28	T		E	N		V	
16dcb	do	Ps		122	12	400	32	T		E	N		V	

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						SEDGWICK COUNTY—Continued								
27-1W-17acc	Westlink Improvement District.	Ps	-------	100	12	400	------	T	------	E	N	------	V	
17bdc	------do	Ps	-------	100	12	400	------	T	------	E	N	------	V	
17cdd	------do	Ps	-------	100	12	400	------	T	------	E	N	------	V	
20bac	------do	Ps	-------	100	12	400	------	T	------	E	N	------	V	
24cda	City of Wichita	Ind	-------	55	-------	350	14	T	------	E	N	15	V	Well is at old county hospital and is shown in figure 2.
25baa	Maple Street Dairy	Ind	-------	35	1.5	20	10	C	------	E	N	.75	G	Well is shown in figure 2.
28cda	C. E. Reed	Ir	-------	124	10	350	30	T	------	E	N	20	V	
30da	Rufus S. Kirk	Ir	-------	55	8	100	16	T-4	------	E	N	5	V	
31a	N. R. Wells	Ir	-------	90	14	550	15	T	------	Ng	N	45	V	
32aa	C. E. Reed	Ir	-------	112	10	350	22	T	------	E	N	20	V	
33dad	City of Wichita	Ps	-------	115	12	850	29	T	------	E	N	50	V	Well is in water works building at municipal airport.
33ddc	------do	Ind	-------	118	12	575	31	T	------	E	N	50	V	Well is in terminal building at municipal airport.
2W-32bbb1	City of Goddard	Ps	-------	54	12	50	37	T	50	E	N	7.5	V	Wells 27-2W-32bbb1 and 32bbb2 are shown by a single well symbol in figure 1.
32bbb2	------do	Ps	-------	56	12	50	36	T	50	E	N	3.5	V	
4W-17b	T. L. Northcutt	Ir	2	42	14	600	------	C	------	Ng	N	60	M	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
28-1E-5aad	City of Wichita	Ir	-------	37	-------	350	10	T	------	E	N	15	G	Well is in Herman Hill Park and is shown in figure 2.
7bab	------do	Ir	-------	48	-------	350	------	T	------	E	N	15	V	Well is in park at 31st and Bonn St.
9cba	Campbell Greenhouse	Ir	-------	40	12	------	9	C	------	G	N	------	G	Wells 28-1E-9cba, 9cbb1, and 9cbb2 are shown by a single well symbol in figure 1.
9cbb1	------do	Ir	-------	40	12	------	14	C	------	E	N	------	G	
9cbb2	Warne Greenhouse	Ir	-------	32	8	20	12	C	------	E	N	------	G	
15d	Oaklawn Improvement District.	Ps	5	25	12	500	14	T	------	E	N	10	G	All wells are similarly constructed; rate of discharge is total for 5 wells. Wells are shown by a single well symbol in figure 1.
16abb	B. Lokamp	Ir	-------	48	6	600	7	C	------	G	N	------	G	

16baa--	John Lokamp--------	Ir	--------	34	6	------	9	-------	------	-----	------	------	G	
17b----	Cities Service Oil Co.	Ind	5	45	24	500	------	T	------	E	N	------	G	All wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
17cac--	Glenville Improvement District.	Ps	2	58	12	400	------	T	------	E	N	------	M	Both wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
18dbb--	Purcell's 1st Improvement District.	Ps	2	50	18	250	12	T-6	------	E	N	15	V	Do.
21aaa--	South Riverside School.	Ps	2	29	6	200	7	C-2	------	E	N	------	M	Do.
21bcc--	L. A. Borst ---------	Ir	--------	38	6	------	------	C	------	-----	------	------	G	
21bcd--	------do----------	Ir	--------	40	6	------	------	C	------	-----	------	------	G	
21dac--	Meyer and Son Nursery.	Ir	--------	30	6	300	10	C	------	G	N	------	G	Wells 28-1E-21dac and 21dbd are shown by a single well symbol in figure 1.
21dbd--	------do----------	Ir	--------	30	6	200	10	C	------	G	N	------	G	
21ddc--	------do----------	Ir	--------	30	6	200	9	C	------	G	N	------	G	
22a----	Oaklawn Improvement District.	Ps	7	25	12	700	14	T	------	E	N	10	G	All wells are similarly constructed; rate of discharge is total for 7 wells. Wells are shown by a single well symbol in figure 1.
22bcb--	Jayhawk Improvement District.	Ps	--------	25	-------	250	------	T	------	E	N	------	G	
22cbb--	------do----------	Ps	--------	25	-------	250	------	T	------	E	N	------	G	Wells 28-1E-22cbb and 22cbc are shown by a single well symbol in figure 1.
22cbc--	------do----------	Ps	--------	25	-------	250	------	T	------	E	N	------	G	
28bbb--	G. Bruinhorst -------	Ir	--------	36	5	500	11	C	------	-----	------	------	G	
28bca--	------do----------	Ir	--------	38	5	500	11	C	------	-----	------	------	G	
28cbd--	E. R. Blood ---------	Ir	--------	40	-------	350	13	C	------	-----	------	------	G	Wells 28-1E-28cbd, 28ccc, and 28ccd are shown by a single well symbol in figure 1.
28ccc--	------do----------	Ir	--------	40	-------	350	13	C	------	-----	------	------	G	
28ccd--	------do----------	Ir	--------	36	-------	300	12	C	------	-----	------	------	G	
28dca--	G. W. Nickolson -----	Ir	--------	35	6	250	12	C-4	------	G	N	30	G	Wells 28-1E-28dca and 28dcb are shown by a single well symbol in figure 1.
28dcb--	------do----------	Ir	--------	35	6	250	8	C-4	------	G	N	30	G	
29caa--	------do----------	Ir	--------	40	-------	400	7	C	------	-----	------	------	G	
29cdb--	------do----------	Ir	--------	40	-------	400	7	C	------	-----	------	------	G	
32aaa--	Sunflower Improvement District.	Ps	2	50	-------	400	------	T	------	E	N	------	V	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
32dcb--	C. J. Hurley---------	Ir	--------	50	8	900	------	C	------	-----	------	------	G	Wells 28-1E-32dcb and 32dcd are shown by a single well symbol in figure 1.
32dcd--	------do----------	Ir	--------	36	8	450	9	C	------	-----	------	------	G	

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						SEDGWICK COUNTY—Continued								
28-1E-33cbb	Sunnyside Nursery	Ir	-------	80	12	600	10	T	------	E	N	20	V	
33cca	W. R. Cain	Ir	-------	44	6	530	10	C-5	------	G	N	50	G	
33cdc	do	Ir	-------	48	6	420	11	C-5	------	G	N	50	G	
1W-3dc	Cessna Aircraft Co	Ind	2	45	24	300	------	T	------	E	N	15	V	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
10aca	J. V. Newby	Ir	2	40	6	650	------	C-4	------	G	N	30	G	Do.
11b	do	Ir	2	40	6	650	------	C-4	------	G	N	30	G	Do.
12bbc	M. Tamboer	Ir	-------	40	8	500	------	C	------	G	N	------	G	
22baa	Kansas Gas and Electric Co.	Ind	-------	111	18	------	------	T	------	E	N	------	V	Total rate of discharge of 9 wells in 28-1W-22 is about 3,000 gpm. Wells 28-1W-22baa and 22bab are shown by a single well symbol in figure 1.
22bab	do	Ind	-------	108	18	------	------	T	------	E	N	------	V	
22bdc	do	Ind	-------	113	18	------	------	T	------	E	N	------	V	Wells 28-1W-22bdc and 22bdd are shown by a single well symbol in figure 1.
22bdd	do	Ind	-------	101	18	------	------	T	------	E	N	------	V	
22d	do	Ind	5	85	------	------	------	T	------	E	N	------	V	All wells are shown by a single well symbol in figure 1.
27c	Frontier Chemical Co.	Ind	4	105	------	1,300	------	T	------	E	N	------	V	All wells are similarly constructed; rate of discharge is total for 4 wells. Wells are shown by a single well symbol in figure 1.
36adb	Wauketa Wright	Ir	-------	50	6	400	22	T-6	------	G	N	35	V	
36bab	John J. Hay	Ir	-------	55	12	380	31	T-12	------	Ng	N	20	V	
4W-5dcd	City of Cheney	Ps	-------	84	------	200	------	T	80	E	N	20	V	City well 4.
8bab	do	Ps	-------	80	------	180	------	T	75	E	N	15	V	City well 1.
8bcd	do	Ps	-------	64	------	110	------	T	60	E	N	10	V	City well 2.
8cab	do	Ps	-------	82	------	100	------	T	------	G	G	25	V	City well 5.
8dba	do	Ps	-------	68	------	80	------	T	60	E	N	5	V	City well 3.
22aac	Charles Wodf	Ir	-------	40	18	400	8	C	------	G	N	------	G	
29-1E-3dca	R. L. Hancock	Ir	-------	40	6	------	10	N	------	------	------	------	G	
4bcb	David Crammer	Ir	-------	40	------	------	8	C-4	------	------	------	------	G	
4cbb	L. O. Bell	Ir	-------	43	7	400	8	C	------	G	N	------	M	
4ddc	R. L. Hancock	Ir	-------	40	6	------	12	N	------	------	------	------	G	

5caa---	City of Haysville-----	Ps	--------	54	12	250	------	T	------	E	N	------	V	
5da----	R. S. Beem----------	Ir	--------	45	8	1,000	12	C-4	------	G	N	30	G	
5dbb1--	City of Haysville-----	Ps	--------	54	12	500	24	T	50	E	N	------	V	Wells 29-1E-5dbb1 and 5dbb2
5dbb2--	------do----------	Ps	--------	54	12	300	24	T	50	E	N	------	V	are shown by a single well symbol in figure 1.
9acd---	L. J. Johnson--------	Ir	--------	40	6	550	8	C-4	------	G	N	30	M	
9ada---	------do----------	Ir	--------	40	6	550	8	C-4	------	G	N	30	M	
9d-----	O. A. Youngmeyer ---	Ir	4	40	6	500	8	C-5	------	G	N	40	M	All wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
10ac---	C. L. Somers--------	Ir	--------	40	5	450	12	C-3	------	G	N	30	G	
10ba---	------do----------	Ir	--------	40	5	450	12	C-3	------	G	N	30	G	Wells 29-1E-10ba, 10bb, 10bc,
10bb---	Mary E. Johnson-----	Ir	--------	40	6	550	12	C-4	------	G	N	30	G	and 10bd are shown by a single
10bc---	------do----------	Ir	--------	40	6	550	12	C-4	------	G	N	30	G	well symbol in figure 1.
10bd---	C. L. Somers--------	Ir	--------	40	5	450	12	C-3	------	G	N	30	G	
10d----	A. B. Costin---------	Ir	3	40	6	1,000	10	C-4	------	G	N	50	G	All wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
11c----	G. K. Costin---------	Ir	4	40	6	1,000	10	C-4	------	G	N	50	G	Do.
11dbd--	City of Derby--------	Ps	--------	40	12	200	12	T	------	E	N	------	M	
12cbc--	------do----------	Ps	--------	40	12	300	12	T	------	E	N	------	M	
13bdd--	R. E. McHenry-------	Ir	--------	20	8	500	------	C-5	------	G	N	30	G	
14bbc--	G. R. Bowman--------	Ir	--------	40	6	1,200	12	C-3	------	G	N	40	G	
14dbc1-	City of Derby--------	Ps	--------	40	12	500	12	T	35	E	N	15	M	Wells 29-1E-14dbc1 and 14dbc2
14dbc2-	------do----------	Ps	--------	40	12	500	12	T	35	E	N	15	M	are shown by a single well symbol in figure 1.
14dcb--	------do----------	Ps	--------	40	12	500	12	T	35	E	N	15	M	
15b----	G. K. Costin---------	Ir	2	40	6	1,000	10	C-4	------	G	N	50	G	Both wells are shown by a single well symbol in figure 1.
16bb---	A. R. Hudson--------	Ir	2	32	6	250	6	C-2	------	G	N	25	G	Do.
16ccd--	Earl R. Cox---------	Ir	--------	40	6	1,600	10	C-4	------	G	N	30	G	
23ab---	Ted E. Church-------	Ir	--------	40	7	500	13	C-4	------	G	N	45	G	
23ba---	------do----------	Ir	--------	40	7	500	13	C-4	------	G	N	45	G	
23bdb--	R. A. Bachman ------	Ir	--------	38	6	------	------	C	------	B	N	------	G	
25aca--	W. Cain----------	Ir	--------	35	8	------	10	N	------	------	------	------	G	
25b----	E. Shoemaker -------	Ir	2	28	6	------	11	C	------	G	N	------	G	Do.
25ccd--	Heerche Bros -------	Ir	2	40	5	500	12	C-4	------	B	N	30	M	Do.
26a----	Oliver N. Laurie-----	Ir	2	40	6	500	12	C-4	------	B	N	45	M	Both wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
26b----	------do----------	Ir	2	40	6	500	12	C-4	------	B	N	45	M	Do.
26daa--	George Gosney ------	Ir	--------	32	8	300	------	C	------	B	N	------	G	

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source: Regular	Power source: Auxiliary	Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
						SEDGWICK COUNTY—Continued								
29-1E-27bcb	D. D. Jones	Ir	--------	35	6	450	5	C	------	B	N	------	G	
27bdb	do	Ir	--------	35	6	425	------	C	------	B	N	------	G	
28add	J. T. McAdam	Ir	--------	40	18	500	7	C	------	B	N	------	G	
28ba	W. P. Beard	Ir	2	------	6	50	------	C-2	------	G	N	2	G	Both wells are shown by a single well symbol in figure 1.
30ddb	C. J. Ott	Ir	--------	50	8	1,000	32	T	------	G	N	------	V	
35aac	Heerche Bros	Ir	--------	80	8	500	6	C-4	------	B	N	------	G	
35adc	do	Ir	--------	40	-------	500	7	C-4	------	B	N	------	G	
35d	C. P. Butts	Ir	4	56	12	500	8	C-4	------	B	N	------	G	All wells are similarly constructed; rate of discharge is for a single well. Wells are shown by a single well symbol in figure 1.
1W-25aca	Lloyd Orrell	Ir	--------	72	16	450	32	T-5	------	D	N	40	V	
25cad	do	Ir	--------	81	18	800	19	T-6	------	B	N	35	V	
26abb	do	Ir	--------	82	16	1,600	32	T-6	------	D	N	35	V	
2W-23ddb	City of Clearwater	Ps	--------	54	12	115	24	T	50	E	N	7.5	V	Wells 29-2W-23ddb, 23ddc, and 23ddd are shown by a single well symbol in figure 1.
23ddc	do	Ps	--------	56	12	225	24	T	50	E	N	20	V	
23ddd	do	Ps	--------	54	12	250	24	T	50	E	N	20	V	
26bab	do	Ps	--------	54	10	130	------	T	50	E	N	7.5	V	
28a	W. Rochette	Ir	4	40	6	------	7	N	------	-----	------	------	G	All wells are shown by a single well symbol in figure 1.
						SUMNER COUNTY								
30-2E-6aca	City of Mulvane	Ps	--------	27	8	350	18	T	------	E	N	20	M	Wells 30-2E-6aca and 6acd are shown by a single well symbol in figure 1.
6acd	do	Ps	--------	32	8	400	18	T	------	E	N	25	M	
6cab	do	Ps	--------	44	12	600	------	T	------	E	N	60	M	Wells 30-2E-6cab and 6cac are shown by a single well symbol in figure 1.
6cac	do	Ps	--------	36	12	1,400	15	T	------	E	N	------	M	
7abc	Augusta-Eldorado Water Assoc.	Ps, Ind	--------	-----	14	------	------	T	------	E	N	------	G	The 8 wells in 30-2E-7 are similar in construction and yield. The wells are discharged into a gravel pit, and the water is pumped into a transmission line ordinarily used for petro-
7ac1	do	Ps, Ind	--------	-----	-------	------	------	T	------	E	N	------	G	
7ac2	do	Ps, Ind	--------	-----	-------	------	------	T	------	E	N	------	G	

7ac3	do	Ps, Ind						T		E	N		G	leum products. The well field is used only during severe drought conditions but is maintained as an emergency water source.
7caa	do	Ps, Ind		50	18	1,000		T		E	N	20	G	
7cad	do	Ps, Ind			14	1,000		T		E	N		G	
7dbd	do	Ps, Ind			14	1,000		T		E	N		G	
7dca	do	Ps, Ind		50	14	1,000	8						G	
18bcb	W. R. Humbolt	Ir		50	12	1,250	10	T-8		B	N	30	M	
30dba	Wayne E. Fuller	Ir	2	36	8	1,100	12	C-3		G	N		G	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells 30-2E-30dba, 30dcc, and 30ddb are shown by a single well symbol in figure 1.
30dcc	do	Ir		32	8	450	10	C		G	N		G	
30ddb	do	Ir	2	37	8	1,100	10	C		G	N		G	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
30ddd	Mrs. Christine Thompson.	Ir		40	10	1,200	14	C-5		B	N	75	G	
32aab	Amos Metzger	Ir	2	40	6	1,400	9	C-5		B	N	60	M	Do.
33ada	L. G. White	Ir	3			1,500	9	C-5		B	N	30	G	All wells are similarly constructed; rate of discharge is total for 3 wells. Wells are shown by a single well symbol in figure 1.
1E-7aba	George Devorak	Ir		48	10	1,200	22	C-4		B	N	50	M	
9aad	M. N. Fortner	Ir	3	21	6	200	13	C		G	N	30	G	Do.
9abc	do	Ir	2	33	6	200	16	C		G	N		G	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
13daa	Francis Shoup	Ir		33	6	375	8	C		B	N		G	
13ddc1	do	Ir		35	6	425	9	C		B	N		G	Wells 30-1E-13ddc1 and 13ddc2 are shown by a single well symbol in figure 1.
13ddc2	do	Ir		29	6	405	10	C		B	N		G	
24d	E. L. and A. J. Zin	Ir	2	37	12	800		C-5		G	N	40	G	Both wells are shown by a single well symbol in figure 1.
24cbd	L. A. Cather	Ir		26	12	400	13	C-3		G	N	30	G	
24ccd	do	Ir		26	12	400	11	C-4		G	N	30	G	
36aab	Laughlin	Ir		36	8	600	10	C		B	N		G	
36caa	City of Belle Plaine	Ps		43	10	250	11	T		E	N		M	
36dbb	do	Ps		40	12	250	16	T		E	N		M	
36dcc	do	Ps		40	12	250	16	T		E	G	20	M	

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source		Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
										Regular	Auxiliary			
						SUMNER COUNTY—Continued								
30-3W-33dcc	City of Conway Springs.	Ps	5	40	12	105	------	C	------	E	Ng	------	V	All wells are similarly constructed; rate of discharge is total for 5 wells. Natural-gas engine for emergency use. All wells are shown by a single well symbol in figure 1.
4W-16c	Charles G. Boyer	Ir	--------	80	16	1,500	20	C-5	------	G	------	20	M	
31-2E-2bbb	City of Udall	Ps	--------	32	10	132	15	T	------	E	N	7	G	Wells 31-2E-2bbb and 2bba are shown by a single well symbol in figure 1.
2bba	do	Ps	--------	29	10	140	16	T	------	E	N	7	G	
5b	Olive S. Snelbaker	Ir	4	34	10	900	------	C-5	------	------	------	------	G	All wells are shown by a single well symbol in figure 1.
7aad	Charles Wooldridge	Ir	3	32	5	240	14	C	------	B	N	------	M	Do.
8bbb	Rolley Vancure	Ir	--------	32	5	240	14	C	------	B	N	------	M	
9aab	Harold Koger	Ir	--------	51	20	------	12	T	------	B	N	------	M	
9adb	do	Ir	--------	62	20	2,500	15	T	------	B	------	------	M	
22ab	W. E. McGinnis	Ir	2	100	16	600	------	C-4	------	E	N	15	M	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
22cda	Charles G. Boyer	Ir	--------	50	16	1,500	19	C-5	------	G	N	15	M	
1E-4bdc1	Kansas Turnpike Authority.	Ps	--------	50	18	35	29	T	------	E	N	3	M	Wells 31-1E-4bdc1 and 4bdc2 are shown by a single well symbol in figure 1.
4bdc2	do	Ps	--------	50	18	40	23	T	------	E	N	3	M	
9aa	do	Ps	4	50	18	159	22	T	------	E	N	2	M	All wells are similarly constructed; rate of discharge is total for 4 wells. Wells are shown by a single well symbol in figure 1.
13a	DeVore Inc	-----	--------	100	16	1,500	16	T-8	------	B	N	140	M	
13d	do	-----	--------	40	6	700	16	C-5	------	B	N	45	G	
3W-4abb	City of Conway Springs.	Ps	2	40	12	40	------	C	------	E	Ng	------	V	Both wells are similarly constructed; rate of discharge is total for 2 wells. Wells are shown by a single well symbol in figure 1.
5acd1	do	Ps	--------	43	10	------	22	T	------	E	N	------	V	

5acd2	do	Ps		37	10		12	T		E	N		V	
4W-1ccd	Luther and Dorothy Shetlar.	Ir	3	50	12	750	16	C-4		B	N		G	All wells are similarly constructed; rate of discharge is total for 3 wells. Wells are shown by a single well symbol in figure 1.
12bbd	do	Ir	3	40	12	600	16	C-4		B	N		G	Do.
32-2W-30baa	City of Wellington	Ps		62	10	100		T-6		E	N	15	V	City well 14. Wells 32-2W-30baa and 30bab are shown by a single well symbol in figure 1.
30bab	do	Ps		60	10	100		T-6		E	N	15	V	City well 13.
31bca	do	Ps			10	130		T-6		E	N	20	V	City well A4. Wells 32-2W-31bca and 31bcd are shown by a single well symbol in figure 1.
31bcd	do	Ps			10	190	21	T-6		E	N	40	V	City well A5.
31dac1	do	Ps			10	150	20	T-6		E	N	20	V	City well A8. Wells 32-2W-31dac1 and 31dac2 are shown by a single well symbol in figure 1.
31dac2	do	Ps			10	160	22	T-6		E	N	30	V	City well A9.
31dbb	do	Ps			10	180	21	T-6		E	N	25	V	City well A6. Wells 32-2W-31dbb and 31db are shown by a single well symbol in figure 1.
31db	do	Ps			10	150		T-6		E	N	40	V	City well A7.
31ddc	do	Ps			10	165	20	T-6		E	N	30	V	City well A10.
3W-25cbb	do	Ps		54	10	150	38	T-6		E	N	7.5	V	City well 6. Wells 32-3W-25cbb and 25cbc are shown by a single well symbol in figure 1.
25cbc	do	Ps			10	35	37	T-6		E	N	5	V	City well 19.
25cdc	do	Ps		50	8	90		T-4		E	N	5	V	City well 15. Wells 32-3W-25cdc and 25cdd are shown by a single well symbol in figure 1.
25cdd	do	Ps		75	10	65	50	T-4		E	N	5	V	City well 8.
26abb	do	Ps		55	20	170	26	T-15		E	N	7.5	V	City well 1.
26daa	do	Ps			10	60		T-6		E	N	5	V	City well 20.
36baa	do	Ps		50	10	120		T-4		E	N	5	V	City well 16. Wells 32-3W-36baa and 36bad are shown by a single well symbol in figure 1.
36bad	do	Ps		60	10	115		T-4		E	N	5	V	City well 17.
36bdd	do	Ps			10	110		T-4		E	N	5	V	City well 18.
4W-9ccc1	City of Argonia	Ps		65	10	100	22	T	60	E	N	5	V	The 4 wells in 32-4W-9ccc are shown by a single well symbol in figure 1.
9ccc2	do	Ps		65	10	100	22	T	60	E	N	5	V	
9ccc3	do	Ps		65	12	100		T	60	E	N	5	V	
9ccc4	do	Ps		75	12	100	30	T	70	E	N	5	V	
2W-6aac	City of Wellington	Ps			10	110	20	T-6		E	N	20	V	City well A12. Wells 33-2W-6aac and 6aad are shown by a single well symbol in figure 1.
6aad	do	Ps			10	155	20	T-6		E	N	30	V	City well A13.
6aba	do	Ps			10	185	21	T-6		E	N	30	V	City well A11.

Table 2.—*Selected public and private wells and springs in the Wichita area, Kansas*—Continued

Well no.	Owner	Use of water	Number of wells	Depth of well (feet)	Diameter of well (inches)	Rate of discharge (gallons per minute)	Depth to water (feet)	Type of pump and size (inches)	Pump setting (feet)	Power source		Size of pump motor (rated horsepower)	Possibility of contamination	Remarks
										Regular	Auxiliary			
						SUMNER COUNTY—Continued								
33-2W-6ada	City of Wellington	Ps	-------	-----	10	195	23	T-6	------	E	N	30	V	City well A14. Wells 33-2W-6ada and 6add are shown by a single well symbol in figure 1.
6add	do	Ps	-------	-----	10	155	21	T-6	------	E	N	20	V	City well A15.
34-1W-26aaa	City of South Haven	Ps	-------	35	12	100	23	T	------	E	N	10	V	
35bab	do	Ps	-------	17	15 to 25 feet	200	12	T	------	E	N	10	G	
2W-21add	City of Caldwell	Ps	7	30	-------	350	------	C-4	------	E	N	------	G	All wells are similarly constructed; rate of discharge is total for 7 wells. All wells are shown by a single well symbol in figure 1.
22bcc	do	Ps	5	30	11	250	22	T	------	E	N	------	G	All wells are similarly constructed; rate of discharge is total for 5 wells. All wells are shown by a single well symbol in figure 1.
3W-19ad	Frank Berka, Jr	Ir	4	22	8	150	10	C-2	------	G	N	5	G	All wells are similarly constructed and are shown by a single well symbol in figure 1.

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