Table 4.--Records of wells and test holes

Well number: See text for explanation of well-numbering system.
Type of casing: C, concrete; N, none; P, iron or steel pipe; W, wood.
Type of pump: C, centrifugal; Cy, cylinder; N, none; T, turbine.
Type of power: D, diesel; E, electric; G, gasoline or tractor fuel; H, hand; N, none; P, propane; W, wind.
Measuring point: Ls, land surface; Tb, hole in base of turbine; Tc, top of casing.

Depth to water: Reported depths are given in whole numbers; all others are measured depths.
Use of water: D, domestic; I, irrigation; N, none; PS, public supply; S, stock.
Remarks: Ca, sample collected for chemical analysis; L, log obtainable from Conservation and Survey Division, University of Nebraska; O, observation of water-level fluctuations.

Well	Owner or user	Year drilled	Depth of well (feet)	Diameter of casing (inches)	Type of casing	Type of pump	Type of power	Measuring point			Static water level		Drawdown (feet)	Yield (gpm)	Use of water	Remarks
								Description	Distance above or below (-) land surface (feet)	Altitude above mean sea level (feet)	Depth below measuring point (feet)	Date of measurement				
Greeley County																
17-11-30db.....	Joe Pearson Est.....	1948	108	18	P	T	G	Tb	1.0	1,920	42.66	8-21-56	66	250	I	
31ba.....	Phil Yuma.....	1947	100	18	P	T	E	Tb	.0	1,907	34.24	8-21-56	.....	.....	I	Ca,O
31dd.....	F. M. Van Sike.....	1947	96	18	P	T	G	Tb	1.0	1,900	28.41	8-21-56	63	900	I	
12- 4dc.....	Village of Scotia....	1923	45	22	C	C	E	Ls	.0	.....	23	11-30-43	17	125	PS	
4dd.....	Alfred W. Peterson...	1946	93	18	C	T	E	Tb	.0	1,932	30	8- 8-56	30	450	I	Ca
5dd.....	Univ. Nebraska and U. S. Geol. Survey.	1943	120	4	N	N	N	Ls	.0	1,909	6.7	10-31-43	.....	.....	N	L
6dc.....	Wilber Fuss.....	1947	92	18	P	T	P	Tb	1.0	1,925	14.63	5- 2-50	.....	1,200	I	O
8cb.....	Univ. Nebraska and U. S. Geol. Survey.	1943	100	4	N	N	N	Ls	.0	1,920	14.2	11- 8-43	.....	.....	N	L
9ba.....	Village of Scotia....	1932	74	18	P	T	E	Ls	.0	1,925	23	6- 4-52	11	300	PS	Ca
9bb1....	E. E. Williams.....	1941	33	18	P	T	G	Tc	1.5	1,920	19.72	5- 2-50	.....	200	I	O
9bb2....	Charles Vorhees.....	.....	82	.....	....	T	E	Ls	.0	1,920	18	8-21-56	82	450	I	
10cc.....	Mrs. Elsie Sautter...	1955	119	18	....	T	E	Ls	.0	1,919	25	8- 8-56	.....	450	I	
11cd.....	Dinsdale brothers....	1953	160	18	C	T	E	Tb	.0	1,960	59.03	8-22-56	141	700	I	
14bb.....	Mark Wagner.....	1954	162	18	C	T	E	Ls	.0	1,925	27	8- 8-56	43	400	I	
14da.....	A. Fred Lehn.....	1954	218	18	C	T	E	Ls	.0	1,940	39	8- 8-56	100	800	I	
15cb.....	C. F. White.....	1955	109	18	....	T	P	Ls	.0	1,909	21	8- 8-56	58	800	I	
23cb.....	L. V. Kokes.....	1951	185	18	P	T	P	Tb	.5	1,908	29.15	8-22-56	54	850	I	
23dd.....	Ben Sautter.....	1954	191	18	P	T	E	Ls	.0	1,912	35	8- 8-56	22	307	I	
24bb.....	C. W. Vorhees.....	1954	161	18	....	T	E	Tb	1.0	1,948	60.23	8-24-56	61	750	I	
25ab.....	Roy Fillinger.....	1950	190	18	P	T	E	Tb	.5	1,919	40.74	8-23-56	110	850	I	
25cb.....	Harry Ita.....	1946	80	18	P	T	E	Ls	.0	1,893	20	8- 8-56	39	721	I	
26aa.....	Laverne Jess.....	1947	130	18	P	T	P	Tb	.5	1,902	24.35	8-22-56	.....	.....	I	O
34bb.....	Univ. Nebraska and U. S. Geol. Survey.	1944	109	4	N	N	N	Ls	.0	2,023	Dry	8- 3-44	.....	.....	N	L
34bc.....	.....do.....	1944	89	4	N	N	N	Ls	.0	1,900	24.1	8- 2-44	.....	.....	N	L
35ab.....	Joy Jacobson.....	.....	150	18	....	T	G	Ls	.0	1,890	21	8- 8-56	64	900	I	
36da.....	Kenneth R. Krebs.....	.....	50	18	....	T	E	Ls	.0	1,892	23	8- 8-56	.....	150	I	
18-12-18cd.....	Univ. Nebraska and U. S. Geol. Survey.	1943	130	4	N	N	N	Ls	.0	1,974	.....	.....	.....	.....	N	L
19ab.....	W. H. Schudel.....	1955	262	18	....	T	P	Tb	.5	1,978	47.54	8-24-56	70	1,000	I	
19ad.....	Carroll Thomas.....	1955	182	18	....	T	P	Tb	.5	1,965	35.81	8-24-56	65	950	I	
19ca.....	Alvena Kriewald.....	1955	264	18	....	T	P	Tb	.5	1,952	27.02	8-24-56	46	1,100	I	Ca
19cd.....	Vernon Thomas.....	1955	252	18	....	T	G	Tc	.5	1,940	16.57	8-24-56	39	1,000	I	
32ab.....	Clarence Thaler.....	1949	182	18	....	T	G	Ls	.0	1,960	55	8- 8-56	75	650	I	
33ca.....	Univ. Nebraska and U. S. Geol. Survey.	1943	270	4	N	N	N	Ls	.0	1,960	.....	.....	.....	.....	N	L
Howard County																
15- 9- 5ac.....	Univ. Nebraska and U. S. Geol. Survey.	1944	109	4	N	N	N	Ls	0.0	1,805	42.7	8-28-44	.....	.....	N	L
5cc.....	C. M. Anderson.....	1941	150	18	C	T	E	Ls	.0	1,795	34	8- 8-56	60	300	I	Ca
6da.....	Univ. Nebraska and U. S. Geol. Survey.	1944	79	4	N	N	N	Ls	.0	1,792	27.5	8-28-44	.....	.....	N	L
7cb.....	George Anderson.....	1944	165	18	....	T	E	Ls	.0	1,800	40	8- 8-56	.....	800	I	
9aa1....	Wilber Edwards.....	1946	90	18	P	N	N	Tc	.4	1,781	32.71	8-28-56	.....	.....	N	O
9aa2....	Univ. Nebraska and U. S. Geol. Survey.	1944	79	4	N	N	N	Ls	.0	1,781	33.5	8-30-44	.....	.....	N	L
9da1....	.....do.....	1944	79	4	N	N	N	Ls	.0	1,743	6.1	8-28-44	.....	.....	N	L
9da2....	Wilber Edwards.....	1953	80	18	P	T	E	Ls	.0	1,739	6	8- 8-56	40	600	I	
12cb.....	Clarence Baker.....	1920	35	48	P	T	G	Tc	.0	1,731	10.04	8-21-56	.....	.....	I	O
16da.....	Univ. Nebraska and U. S. Geol. Survey.	1944	39	4	N	N	N	Ls	.0	1,760	11.7	8-30-44	.....	.....	N	L
16dd.....	U. S. Geol. Survey...	1950	28	3/4	P	N	N	Tc	2.5	1,780	17.67	8-21-56	.....	.....	N	O
17cc.....	.....do.....	1950	25	3/4	P	N	N	Tc	2.0	1,765	6.31	8-21-56	.....	.....	N	O
17dd.....	.....do.....	1950	21	3/4	P	N	N	Tc	2.5	1,773	6.81	8-21-56	.....	.....	N	O
21aa.....	Univ. Nebraska and U. S. Geol. Survey.	1944	59	4	N	N	N	Ls	.0	1,785	18.9	8-30-44	.....	.....	N	L
23bb.....	U. S. Geol. Survey...	1950	21	3/4	P	N	N	Tc	2.5	1,764	7.63	8-21-56	.....	.....	N	O
24aa1....	.....do.....	1950	15	3/4	P	N	N	Tc	2.0	1,740	9.34	8-21-56	.....	.....	N	O
24aa2....	Univ. Nebraska and U. S. Geol. Survey.	1951	180	4	N	N	N	Ls	.0	1,738	4.98	7-20-51	.....	.....	N	L
24bb.....	U. S. Geol. Survey...	1950	21	3/4	P	N	N	Tc	2.0	1,752	6.42	8-21-56	.....	.....	N	O
10- 9dc.....	Univ. Nebraska and U. S. Geol. Survey.	1943	140	4	N	N	N	Ls	.0	1,845	.....	.....	.....	.....	N	L
12ca.....	Carl Hanson.....	1948	183	18	P	T	E	Tb	.5	1,833	66.78	9- 2-56	.....	400	I	O
12db.....	J. B. Glass.....	1946	160	18	....	T	E	Ls	.0	1,830	67	8- 8-56	.....	400	I	
15ca.....	Harold Rasmusson.....	.....	80	2	P	Cy	E	Tc	-4.7	1,800	31.85	9- 2-56	.....	.....	D,S	
16aa.....	Pauline Arterburn....	.....	65	3	P	Cy	W	Ls	.0	1,825	50	12- 1-43	.....	.....	D,S	Ca
16ad.....	Univ. Nebraska and U. S. Geol. Survey.	1944	139	4	N	N	N	Ls	.0	1,800	28.9	7-18-44	.....	.....	N	L
17ba.....	Carl Anderson.....	.....	80	2	P	Cy	W	Tc	3.0	1,820	34.00	8-24-56	.....	.....	D,S	
19ab.....	C. L. Southard.....	1947	82	18	....	T	G	Tb	1.0	1,802	11.77	5- 2-50	72	765	I	O
21dd.....	Univ. Nebraska and U. S. Geol. Survey.	1944	84	4	N	N	N	Ls	.0	1,792	19	7-21-44	.....	.....	N	L
22cc.....	G. W. Caudill.....	1947	96	4	P	Cy	W	Tc	2.0	1,790	21.80	8-31-56	.....	.....	S	
28dd.....	Univ. Nebraska and U. S. Geol. Survey.	1944	139	4	N	N	N	Ls	.0	1,810	.....	.....	.....	.....	N	L
33dc.....	.....do.....	1944	139	4	N	N	N	Ls	.0	1,819	22.4	7-21-44	.....	.....	N	L
34cb.....	Stanley Luanski.....	1948	.....	18	P	T	.....	Tb	.5	1,803	18.37	5- 2-50	.....	.....	I	O
34db.....	.....	.....	79	18	P	T	E	Tb	.0	1,795	21.07	5- 2-52	.....	.....	I	
11- 2bd.....	Richard Spilinek.....	1955	207	18	P	T	P	Tb	1.0	1,830	16.31	8-31-56	164	450	I	
4ac.....	Mrs. Dagmar Peterson.	1955	212	18	P	T	E	Tb	.5	1,860	38.86	8-21-56	71	800	I	
4cc.....	Univ. Nebraska and U. S. Geol. Survey.	1947	100	4	N	N	N	Ls	.0	1,880	37.0	11- 8-47	.....	.....	N	L
4dd.....	.....do.....	1947	150	4	N	N	N	Ls	.0	1,855	28.4	11- 8-47	.....	.....	N	L
5aa.....	.....do.....	1947	370	4	N	N	N	Ls	.0	1,866	22.1	6-11-47	.....	.....	N	L
5ad.....	James L. Vlack.....	1955	76	18	....	T	E	Tb	.5	1,872	25.73	8-31-56	.....	450	I	
9.....	J. R. Wibbels.....	.....	46	6	P	Cy	W	Ls	.0	.....	20	11-30-43	.....	.....	D,S	Ca
9bc.....	Lester Jacobsen.....	1954	256	18	C	T	P	Tb	1.0	1,893	44.57	8-21-56	140	493	I	
10ac.....	Richard Spilinek.....	.....	53	6	P	N	N	Tc	1.0	1,846	34.52	8-21-56	.....	.....	D,S	
10bc.....	Village of Elba.....	1936	79	8	P	T	E	Ls	.0	1,860	35	5- 6-52	19	350	PS	Ca
12ab.....	George D. Spilinek, Sr.	1956	324	15	P	T	P	Tb	1.0	1,835	34.14	8-28-56	.....	1,250	I	
15ad.....	Esther Spilinek.....	1953	186	18	P	T	G	Tb	1.0	1,863	49.31	8-28-56	127	400	I	
16-11- 6dc.....	Ray Stevens.....	1953	150	18	P	T	E	Tb	.5	1,890	34.92	8-21-56	32	357	I	
7aa.....	Univ. Nebraska and U. S. Geol. Survey.	1943	84	4	N	N	N	Ls	.0	1,891	41.0	11- 8-43	.....	.....	N	L
7cb.....	James Szwanek.....	.....	38	4	P	Cy	W	Ls	.0	1,868	17	11-30-43	.....	.....	D,S	Ca
7cc.....	Emil Lind.....	1936	90	18	....	T	G	Tb	.0	1,872	23.66	8-21-56	34	400	I	O
8aa.....	Univ. Nebraska and U. S. Geol. Survey.	1943	430	4	N	N	N	Ls	.0	2,066	.....	.....	.....	.....	N	L
8ab.....	Vurnon Keep.....	1936	185	2	P	Cy	W	Ls	.0	2,035	180	.....	.....	.....	D,S	Ca
18bc.....	Jess Parker.....	.....	.....	.....	....	T	G	Tb	.0	1,884	29.76	6-22-50	.....	.....	I	Ca
											29.64	10- 5-50				
											36.55	8-21-56				
18cd.....	Stanley Tucker.....	1946	.....	18	P	T	G	Tb	.0	1,873	26.32	8-21-56	.....	.....	I	O
19ab.....	R. J. Rasmessen.....	1948	96	18	P	T	G	Tb	.0	1,879	26.59	9-11-50	.....	700	I	
											26.55	10- 6-50				
											27.03	8-21-56				
19bb.....	Bill Wells.....	1948	150	18	P	T	G	Tb	1.0	1,899	42.44	8-22-56	.....	800	I	O
19cb1....	Ray Parker.....	1947	96	18	P	N	N	Tc	-.5	1,905	45.80	3-21-57	.....	.....	N	O
19cb2....	.....do.....	1948	165	18	P	T	G	Tb	1.0	1,886	34.19	8-22-56	.....	900	I	O
20cc.....	Haggert & Hanish.....	1953	199	18	P	T	E	Ls	.0	1,875	30	8- 8-56	70	650	I	
27dc.....	Mrs. Mary Augustyn...	1922	90	3	P	Cy	H	Tc	.5	1,886	65.10	8-22-56	.....	.....	S	