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# SECONDARY RECOVERY AND PRESSURE MAINTENANCE OPERATIONS IN

# KANSAS 1968

STATE GEOLOGICAL SURVEY

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By Robert L. Dilts for

The Kansas Secondary Recovery and Pressure Maintenance Committee

E. D. Goebel and M. C. Colt, Co-Chairmen



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SECONDARY RECOVERY AND PRESSURE MAINTENANCE PROJECTS IN KANSAS DURING 1968

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INTRODUCTION

Data contained in this survey have been assembled through the efforts of the Conservation Division of the Kansas Corporation Commission in cooperation with the State Geological Survey of Kansas. The Secondary Recovery and Pressure Maintenance Committee, appointed to assist in the accumulation and interpretation of information relative to projects in Kansas, was available for consultation.

In recent years, secondary recovery and pressure maintenance projects in Kansas have contributed an increasingly larger portion of the total annual crude oil produced in Kansas. This trend has been observed also in other oil-producing states. Because of the increasing importance of oil production from such projects in each state's oil economy and in the interest of conservation, the Interstate Oil Compact Commission, through its Secondary Recovery and Pressure Maintenance Committee, has encouraged the collection and distribution of information pertaining thereto. The amount of oil attributable to secondary recovery or pressure maintenance methods can be estimated only by the individual operator. For this reason, it is necessary each year to survey all active projects and all operators holding secondary recovery permits in Kansas.

The Committee wishes to thank the operators for the good response to the 1968 survey. It is hoped that the response to questionnaires in succeeding years will be even better, as the value of the survey to the petroleum industry improves with the completeness of the data available.

The data in this report were taken directly from the questionnaires with few editorial changes. Field names were checked (using legal description supplied by operator) and changed only where necessary to conform to the official name as recognized by the Nomenclature Committee of the Kansas Geological Society. In order to arrive at totals on production of oil and water injection, it was necessary to convert some replies from daily to yearly figures. County and state totals are a summation of reported projects. No attempt has been made to estimate unreported secondary oil recovered. Location errors were corrected using other records.

EXPLANATIONS OF ABBREVIATIONS AND SYMBOLS ARE GIVEN ON PAGE 73.

ACKNOWLEDGMENTS

Any attempt to completely and adequately credit all who helped in gathering, compiling, and publishing these data would be difficult. However, special thanks are extended to S. S. Greider, who spent many hours expediting the survey of projects, and to Mrs. Sara Marnane and Mrs. Patricia Dalton for the preparation and typing of the data into publication form.

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
ALLEN COUNTY																
1		Alco Drilling Co., Inc.	(W)Nelson Block	13657	Conrad Jackson, C. Nelson-	20-26-21E	50	0	Bart1	680	15	11	0	0	0	1967
2		Tenneco Oil Company	(W)H.P. Morrison Unit	13563	Schober-Venstrom	22-25-19E	80	0	Bart1	861	35	4	0	2	0	1968
3	Bronson-Xenia	Richard W. Booth & G.K. Woods	(W)Richard W. Booth Lease	13452	Richard W. Booth	18-25-21E	10	0	Bart1	762	24	4	0	0	0	1967
4	Bronson-Xenia	Colt Oil Company, Inc.	(W)C-W	9440	L.M. Bacon, Bartlett, J.W. Bartlett, Harris, McLaughlin	33-24-21E;4,8,9-25-21E	50	0	Bart1	800	20	12	7	0	0	1962
5	Bronson-Xenia	Colt Oil Company, Inc.	(W)KBC-KBN	3091	Grubaugh, Harvey, Isernhart-Hickson, Johnson, Lamb, Lent-Hullum, Moore-Davidson, Morrison, Newton-Wright, North Holeman, Smith-Lundberg, Stewart-Holeman, Zimmerman	22,27,28,33,34-24-21E	410	0	Bart1	750	20	85	147	11	0	1951
6	Bronson-Xenia & Elsmore West	Standard Metals Corp.	(W)Elsmore Project	11015	Anderson, Bradford, Broughton, McClimans, Munson, Nelson, Newby, Sisson, Young	22,28,29,32-25-21E	81	0	Bart1	700	12	14	10	0	3	1958
7	Davis-Bronson	Jackson Bros.	(W)Tucker	13975	Nora Tucker	22-23-21E	10	---	Bart1	630	15	3	5	1	0	---
8	Elsmore Shoestring	APCO Oil Corporation	(W)Elsmore	8152	Pavlicek-Perry "A", Perry "B"	27,34-25-21E	75	---	Bart1	700	30	29	4	0	0	1960
9	Humboldt-Chanute	Jones & Campbell, Inc.	(W)Humboldt-Chanute	8170	Monarch Unit	9-26-18E	40	5	Bart1	780	8	15	0	1	0	1960
10	Humboldt-Chanute	Riss & Company, Inc.	(W)Strack Lease	8388		35-26-18E	40	40	Bart1	825	20	2	0	0	2	1963
11	Humboldt-Chanute	Speller & Moore	(W)Humboldt Wfd Unit	11139	Binger, H.D. Dorris, Nellie Drollinger, Albert Lassman, Fred Lassman, McCormick, Henry Roehl, Harold Whitaker, Harold Whitaker "A", Harold Whitaker "B", Gus K. Wolf	10,16,17,19,20,30-26-19E	200	200	Bart1	865	5	37	0	0	0	1965
12	Humboldt-Chanute	C.A. & Roy Willis	(D)Heavy Oil	6370*	Hoepker, Krouse, McKaska	25,36-26-18E	40	---	Bart1	825	15	7	7	0	6	1953
13	Humboldt-Chanute	C.A. & Roy Willis	(P)Townsend	10579	Townsend	31-26-19E	20	---	Bart1	830	10	8	1	0	1	1963
14	Humboldt-Chanute	Wimsett & Thompson	(W)	9014	Perrenoud	9-26-18E	20	40	Bart1	780	10	5	5	0	0	1956
15	Iola	Fabco Oil Co., Inc.	(W)Miller-Ling-Teats & Dolecek	13992	Dolecek, Ling, Miller, Teats	36-24-17E;31-24-18E	35	0	Squirrel	801	16	4	0	0	0	1967
16	Iola	Royal Oil & Gas Corp.	(D)Charlotte Hobbs	3246	Charlotte Hobbs	9-24-18E	?	0	Bart1	956	10	?	?	0	0	1952
17	Iola	Sohio Petroleum Co.	(F)Carlyle Thermal Unit	9089	Gregg, Javaux, Wiggins "B"	10,11-24-18E	10	5	Bart1	850	40	12	5	1	0	1963
18	Iola	Sohio Petroleum Co.	(F)Iola Field	8717	Clinkenbeard, Cross	3-24-18E	0	0	Bart1	850	30	0	0	0	0	---
19	Iola	Star Producers Inc.	(W)Lorance Lease	6633	Lorance Lease	21-24-18E	10	0	Squirrel	668	9	2	3	0	0	1962
20	Iola	Tenneco Oil Company	(W)Everett H. Rose & Lee Maloney	14322	Lee Maloney, Everett H. Rose	15-25-19E	80	0	Bart1	848	40	0	0	2	0	1968
21	Iola	Tenneco Oil Company	(W)Sallee Lease	7469	Otis Sallee	14-25-19E	80	0	Bart1	808	35	0	0	0	0	1968
22	Moran	Marvin E. Boyer Oil Co.	(W)LaHarpe Unit #2	10334	Coltrane, Foust, Jones, Knox, Wade, Wolfe	23,24-25-19E	60	0	Bart1	860	10	20	0	---	0	1963
23	Moran	Colt Oil Company, Inc.	(W)Moran Group	9952	Bowen	35-24-20E	25	0	Bart1	800	15	8	0	0	0	1963
24	Neosho Falls-LeRoy	Don A. Canady	(D)Neosho Falls & LeRoy Field	13321	Geneva Field	26-23-17E	5	0	Miss	1,190	12	2	3	0	---	1967
25	Savonburg	Walter Duncan	(W)Walquist	11082	Walquist	32-26-21E	100	0	Bart1	670	30	5	4	0	0	1964
26	Savonburg	N & B Enterprises	(P)Savonburg Flood	10252	Tom Baker	32-26-21E	20	0	Bart1	675	25	7	0	0	0	1964
27	Savonburg	Standard Metals Corp.	(W)Savonburg Project	11361	Lowe, Nelson, Shirley	28,29-26-21E	55	0	Bart1	670	13	15	0	0	0	1964
ALLEN-ANDERSON COUNTIES																
28	Colony West & Iola	Colt Oil Company, Inc.	(W)West Colony	4401	Alexander, R. Baker, Bergman, Blohm, Bowlus, County Farm, Davenport, Gilkeson, Haldeman, Harris, Ed Kelly, Keown, Kivett, Schulte, N. Vezie, S. Vezie, Victory Life	8,9,16,22,27,34-23-18E;3-24-18E	250	0	Squirrel	850	15	59	60	0	0	1955

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data	
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,		
1	8	0	0	0	Irreg.	500	350	Prod + Squirrel	470	T	S Gas	5/1	31	---	8,916	8,916	92,126	11,416	120,345		
2	2	0	1	0	Irreg.	350	131	Prod + KC	170	M	S Gas	99/1	24	650	24,154	2,350	51,949	2,350	51,949		
3	1	0	0	0	5-spot + Line	280	60	Prod + Miss	1,020	U	S Gas	25/75	21	533	300	0	12,100	0	17,220		
4	9	15	0	0	5-spot	330	31	Prod + Miss	940	T	Grav	1/0	26	?	6,613	6,613	100,760	62,745	689,358		
5	86	162	9	0	Line	450	56	Prod + Miss	980	T	Grav	1/0	30	?	239,938	239,938	1,748,926	2,407,927	20,703,149		
6	11	9	0	8	Irreg.	400	26	Prod + Miss	900	T	S Gas	?	30	?	4,398	3,615	103,822	85,390	1,907,540		
7	3	0	1	0	5-spot	500	20	Prod + Miss	1,001	F	Grav	2/20	27	---	1,460	700	15,000	---	15,000		
8	17	2	0	0	Irreg.	510	55	Prod + Arbuc	1,800	U	S Gas	?	31	?	10,400	10,400	341,044	183,344	3,325,695		
9	6	0	0	0	Irreg.	400	50	Prod + Oswego	500	T	S Gas	?	31	31	3,000	3,000	126,000	?	900,000		
10	0	2	0	2	5-spot	350	25	Prod + Oswego	325	U	S Gas	60/40	29	?	470	470	18,250	?	?		
11	40	0	0	0	Irreg.	600	800	Prod + KC	140	M	S Gas	?	34	7	22,703	22,703	313,162	130,468	1,212,041		
12	---	3	0	3	Irreg.	300	5	Prod + Oswego	450	U	Grav	1/0	23	---	590	300	2,000	166,740	662,000	*5717; 3716; 3617	
13	8	0	0	0	Irreg.	400	15	Prod + Oswego	450	U	Grav	1/2	33	---	1,509	1,509	20,000	24,693	175,000		
14	4	0	0	0	5-spot	600	25	Prod	---	U	Grav	95/5	29	29	3,600	3,000	36,000	?	?		
15	1	0	0	0	5-spot + Irreg.	145	14	Prod + Salt Sd	137	U	Grav	95/5	28	?	762	743	3,518	0	5,189		
16	1	0	0	0	Irreg.	150	100	Prod	---	U	Wat *	?	19	?	10,176	?	36,500	?	338,534	*S Gas	
17	6	0	0	0	7-spot	500	300	Prod	---	T	Wat + S Gas	---	20	700	15,165	15,165	209,000†	81,252	907,000‡	†2,038mcf; ‡746,000mcf	
18	0	0	0	0	Peri.	---	---	Prod	---	U	Wat *	---	20	700	986	0	0	0	0	0	†2,922,000mcf
19	1	3	0	0	5-spot	120	18	River Gravel	20	F	Grav	90/10	33	---	1,500	750	6,480	1,500	35,480	*S Gas	
20	3	0	1	0	Irreg.	250	84	KC	170	F	S Gas	99/1	20	650	9,825	0	50,030	0	50,030		
21	12	0	0	0	Irreg.	50	29	Prod + KC	170	M	S Gas	99/1	17	650	4,067	0	61,481	0	61,481		
22	19	0	3	0	5-spot	400	15	Prod + Miss	1,010	T	Grav	98/2	25	---	28,433	28,433	128,325	141,219	556,755		
23	7	0	0	0	5-spot	600	40	Prod + Miss	960	T	Grav	1/0	22	?	8,623	8,623	102,735	52,533	574,683		
24	---	0	0	0	Irreg. Grav.	---	10	Prod	1,190	U	Grav	?	36	?	800	0	4,000	0	3,000		
25	8	0	0	0	Line	610	70	Prod + Miss	905	F	S Gas	?	33	?	12,043	12,043	200,329	49,689	895,746		
26	5	0	0	0	5-spot	450	30	Miss + Purchased	---	T	Grav	?	32	?	6,255	---	45,000	?	?		
27	18	0	0	0	Line	548	50	Prod + Roubidoux	1,610	T	S Gas	?	31	13	23,339	23,339	331,414	94,097	1,145,940		
28	47	83	0	0	Line	600	16	Prod + Miss	1,260	T	Grav	1/0	32	?	30,897	30,897	273,789	1,234,101	6,308,001		

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
ALLEN-BOURBON COUNTIES																
29	Davis-Bronson	Colt Oil Company, Inc.	(*)McIntyre-Travis		†Depoy, Donovan, Gillaspie, Haynes, Henninger A, Henninger B, Henninger C, Honneus, Lowe, Marshall	34-23-21E;2,3,10, 11,15-24-21E	0	0	Bartl	700	30	0	0	0	0	1952
ALLEN-NEOSHO COUNTIES																
30	Humboldt-Chanute	F. Merton Jeanes	(W)MFA Project	11183	Braucher, Davis, Francis-Yount, Hayworth, McCune	36-26-18E;31-26-19E; 1-27-18E	171	79	Bartl	810	7	8	31	0	0	1959
31	Humboldt-Chanute	C.A. & Roy Willis	(P)Seefeldt	4444	Seefeldt	34-26-18E;3-27-18E	20	---	Bartl	760	30	2	1	0	0	1955
ANDERSON COUNTY																
32	Bush City Shoestring	Kewanee Oil Company	(W)Dengo	1111	Bandy, Brownrigg, Cleveland, Daniel, Jackson, Kretchmer, Little, McCrabb, Oko, Victor, Woods	28,33-20-21E;4-21-21E	346	17	Squirrel	614	15	219	5	0	0	1944
33	Bush City Shoestring	Kewanee Oil Company	(W)Dengo	5985	Bandy, Daniel, Victor	32,33-20-21E;4-21-21E	30	0	Bartl	740	11	5	0	0	0	1958
34	Bush City Shoestring	Marmon Oil Co.	(P)C & L Group	3177	Badders, Croan, Gadelman, Hydorn, Roselle-Webber	8-21-21E	319	0	Squirrel	620	30	145	0	0	0	1941
35	Bush City Shoestring	Marmon Oil Co.	(P)Reed Group	3151	Babb & Crozier, Cockran-Dennis, Diedel, Ewing, Farlow, Mulkey, Odaffer	13-21-20E	667	0	Squirrel	620	30	620	20	0	0	1939
36	Bush City Shoestring	Salmon Corporation	(W)East & West OKO	3098	Doering, Herman, Hunley, S.P. Johnson, Chas. Melcher, Class Melcher, Pugsley, Ware, Weiss, Wilson	7,8,15,16-21-20E	424	0	Squirrel	800	30	131	0	2	0	1951
37	Colony-Welda	Brecheisen Oil	(W)R.W. Brecheisen	6436	R.W. Brecheisen	35-21-19E	20	---	Squirrel	800	20	4	0	0	---	1958
38	Colony-Welda	Brecheisen Oil	(W)Buchanan Settle	9179	Buchanan Settle	2-22-19E	30	---	Squirrel	810	20	7	0	0	1	1962
39	Colony-Welda	Brecheisen Oil	(W)Summers Cameron	6421	Summers Cameron	34,35-21-19E	50	---	Squirrel	800	20	12	2	0	2	1958
40	Colony-Welda	J.W. Peery	(P)J.W. Peery	11406	Kattenhorn, Kellstadt	27,34-21-19E	80	0	Squirrel	825	22	?	0	2	4	1959
41	Colony-Welda	Russell Operating Co.	(W)Martin & Strain	10781	Martin, Strain	4,9-22-19E	40	0	Squirrel	800	21	6	0	0	0	1964
42	Colony-Welda	Russell Operating Co.	(W)Unit #1	11165	Unit #1	21,22,27,28,33-22-19E	320	0	Squirrel	800	15	81	5	0	0	1948
43	Colony-Welda	Russell Operating Co.	(W)Unit #2	11165	Unit #2	28,29,32,33-22-19E	116	0	Squirrel	800	16	20	0	0	0	1955
44	Colony-Welda	Russell Operating Co.	(W)Unit #3	5363	Unit #3	2,3-22-19E	146	0	Squirrel	800	19	14	7	0	0	1967
45	Colony West	Russell Operating Co.	(W)Charles M. Hill	10327	Charles M. Hill	25-22-17E	16	0	Squirrel	885	15	5	0	0	0	1963
46	Colony West	Russell Operating Co.	(W)West Colony	8945	Brecheisen, Kelley, Lacy, McGhee, West, Wolfe	36-22-17E;31-22-18E 5,6-23-18E	239	0	Squirrel	850	18	48	8	0	0	1961
47	Garnett Shoestring	Glenn Caldwell	(P)Caldwell	7361	Caldwell	32-20-20E	30	0	Squirrel	660	20	13	0	0	0	1959
48	Garnett West	C.C. Stevens	(P)C.C. Stevens	12120	Hemreck, Macklin, O.R. White	25,26-20-19E	4	0	Peru	620	11	4	0	0	0	1968
49	Selma	Colt Oil Company, Inc.	(*)Selma	581	Cochran, Monroe, Steele	4,9-22-21E	0	0	Bartl	850	18	0	0	0	0	---
50	Selma	Russell Petroleum Co.	(W)Vernon Croan	13952	Vernon Croan	21-21-21E	10	0	Bartl	650	12	5	0	---	---	1967
BARBER COUNTY																
51	Amber Mills	L.O. Tenk	(P)Ella Lawrenz Unit	13209	Emma B. House, Ella Lawrenz	15,16,21-30-12W	160	0	Viola	4,500	11	8	1	0	0	1967
52	Bloom	American Petrofina Company of Texas	(D)Bloom Lease	5362	Bloom Lease	23-32-12W	20	20	Miss	4,321	17	1	0	0	0	1957
53	Highway	Aylward Drilling Co.	(P)Gilbert	6939	Stone	23-32-11W	80	0	Snyderville	3,586	6	2	0	0	0	1959
54	Rhodes	Barbara Oil Company	(W)Rhodes Pool Unit	10266	Newkirk, Page A, Page B, Page C, Page D	15,16,22-33-11W	1,853	---	Miss	4,550	20	23	17	0	0	1962
55	Rhodes	Gulf Oil Corporation	(-)W.A. Newkirk	10102	W.A. Newkirk	17-33-11W	160	0	Miss	4,450	---	10	1	0	0	1963
BARTON COUNTY																
56	Bailey	Nat. Coop. Ref. Assn	(W)Bailey Wfd	11512	Bailey, Bock, Robl	30-18-11W	50	0	Lans	3,278	53	5	0	0	0	1965
57	Barrett	Leben Drilling, Inc.	(W)Fleming	6928	Fleming	36-16-14W	160	160	Lans-KC	3,225	---	1	1	0	0	1959
58	Beaver	Thos. H. Allan	(P)	14631	Christians	10-16-12W	40	---	Lans-KC	3,060	12	1	0	0	1	1968
59	Beaver	Keener Oil Company	(P)Felttes	11244	N. Felttes, H. Luerman	8-16-12W	50	0	Lans	3,050	8	2	0	0	0	?
60	Beaver	Nat. Coop. Ref. Assn	(W)N.J. Weber "B"	10665	Christian, N.J. Weber "B"	10-16-12W	20	10	Lans	3,044	15	2	0	0	1	1964
61	Bend	Leo J. Dreiling Oil Co.	(D)	13092	Christiansen, Moore, Parrish, Welsh	11,12,13,14-20-13W	520	0	Lans-KC	3,200	120	4	0	1	0	1966

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
29	0	0	0	0	Line	0	0	Prod + Miss	960	T	Grav	1/0	29	?	609	0	0	455,983	8,326,899	*Inactive water flood; †37-01-02A
30	3	15	0	0	Irreg.	590	40	Prod + Miss	1,010	T	S Gas	?	32	?	4,694	4,694	71,219	161,295	1,340,506	
31	4	0	0	0	Irreg.	400	10	Oswego	525	U	Grav	2/1	32	---	827	827	10,000	27,293	125,000	
32	111	2	0	0	5-spot	775	10	Prod + Miss	1,451	T	S Gas	?	36	*	25,078	25,078	413,541	1,340,655	7,674,582	*6.3 @ 75°
33	1	0	0	0	Irreg.	775	22	Prod + Miss	1,451	T	S Gas	?	38	?	893	893	8,168	?	70,550	
34	114	25	0	0	5-spot	650	25	Prod + Arbuc	1,431	T	Gas Exp	?	34	?	14,208	14,208	748,907	1,143,042	25,106,536	
35	200	20	0	0	5-spot	750	25	Prod + Arbuc	1,430	T	Gas Exp	?	35	?	32,751	32,751	1,067,273	1,288,791	36,450,799	
36	116	8	1*	0	5-spot	850	16	Prod + Arbuc + Miss	1,625 1,450	T	S Gas	?	36	?	65,510	65,510	503,402	1,437,140	15,414,265	*Converted
37	3	1	0	1	5-spot	700	22	Prod + 400 Ft Shale	400	T	S Gas	98/2	33	?	1,726	?	23,400	?	255,040	
38	4	0	0	0	5-spot	600	20	Prod + 400 Ft Shale	410	U	S Gas	98/2	35	?	3,095	?	24,800	?	193,620	*Converted
39	9	0	0	0	5-spot	700	15	Prod + 400 Ft Shale	400	T	S Gas	98/2	34	?	5,925	5,925	38,600	?	341,750	
40	7	0	0	0	Irreg.	400	?	Prod + Oswego	400	T	Grav	?	34	?	?	?	?	?	?	*6699
41	6	2	0	0	5-spot	450	50	Prod + Oswego	700	T	S Gas	1/0	36	7.5	9,389	9,389	110,540	13,109	228,247	
42	29	9	0	0	5-spot	500	26	Prod + Miss	1,200	T	S Gas	1/0	33	13	7,511	7,511	276,423	579,101	6,458,240	
43	14	1	0	0	5-spot	670	59	Prod + Miss	1,200	T	S Gas	1/0	33	13	5,581	5,581	302,070	186,424	2,432,295	
44	2	23	0	0	5-spot	0	4	Prod + Miss	1,200	T	S Gas	1/0	36	7.5	2,861	2,861	2,613	60,677	2,303,729	
45	0	7	0	0	5-spot	0	0	Prod + Hertha	500	T	S Gas	1/0	27	38	239	239	0	2,405	87,600	
46	42	8	0	0	Line	585	30	Prod + Salt Sd	1,100	T	S Gas	1/0	30	38	48,113	48,113	462,344	283,515	3,145,898	
47	5	0	0	0	Irreg.	0	36	Prod	660	U	S Gas	?	36	?	4,490	4,490	65,700	62,941	624,150	
48	1	---	---	---	5-spot	40	10	Prod	---	U	?	80/20	33	2	1,500	750	3,600	750	3,600	
49	0	0	0	0	Line	0	0	Prod + Miss	1,100	T	Grav	1/0	26	?	0	0	0	263,780	985,000	*Inactive water flood
50	5	0	0	0	5-spot	105	70	Prod + Surface	---	F	S Gas	1/0	32	8	1,742	1,742	98,203	1,827	100,718	
51	1	0	0	0	Irreg.	0	180	Prod	---	T	Wat + S Gas	2/1	39	---	21,010	1,050	65,700	3,150	102,200	
52	1	0	0	0	Irreg.	0	35	Prod	---	-	---	?	33	---	7,154	0	12,599	0	106,988	
53	1	0	0	0	Irreg.	Grav.	48	Prod	---	U	Wat	---	28	?	4,159	2,500	17,505	52,100	221,449	*Gas Exp
54	15	2	0	5	Peri.	1,992	1,093	Prod + Medicine Lodge River	14	M	Gas Exp	7/93	24	*	191,381	191,381	5,984,148	858,982	32,710,637	*4.7 @ 126°
55	4	0	0	0	Irreg.	2,000	830	Prod + Sand Point	25	M	S Gas	59/38	25	---	48,569	48,569	1,213,655	219,114	5,474,580	
56	1	0	0	0	Irreg.	0	32	Prod + Sh Sd	?	M	S Gas	1/0	43	?	10,850	2,457	2,946	17,234	142,919	
57	1	0	0	0	Irreg.	1,200	300	Prod + Arbuc	3,500	U	S Gas	?	39	?	4,680	4,680	87,600	13,200	1,041,000	
58	1	0	1	0	Peri.	0	30	Prod	---	U	S Gas	25/75	40	?	2,865	0	1,800	0	1,800	
59	2	1	0	1	Irreg.	260	421	Prod	---	T	Wat	---	39	?	9,540	4,770	307,330	?	?	
60	1	0	0	0	Irreg.	382	303	Prod	---	U	S Gas	1/0	39	?	2,575	0	110,683	2,500	656,252	
61	1	0	0	0	Irreg.	300	0	Prod + Sand	20	M	S Gas	1/3	35	---	8,900	6,000	150,000	8,000	267,400	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
BARTON Cont.																
62	Bottoms	CRA, Inc.	(D)Zink	8376	Zink	35-18-12W	---	---	Lans-KC	3,130	10	---	---	0	---	1961
63	Carroll	CRA, Inc.	(P)Meitner	7810	Meitner "A"	28-17-14W	---	---	Lans-KC	3,100	6	---	---	0	---	1960
64	Chaffee	Harry Allen Chapman	(W)Panning Lease	14333	Grunwald, Panning, Russell	31-19-13W	20	0	Lans-KC	3,248	12	0	0	0	0	1968
65	Chase-Silica	Nat. Coop. Ref. Assn	(W)Herr "A"	11510	Herr "B", Herr "C"	24-19-11W	60	0	Lans	3,079	25	3	0	0	0	1965
66	Chase-Silica	Nat. Coop. Ref. Assn	(W)Langfeld	12709	Langfeld	14-20-11W	30	0	Douglas	2,960	8	3	0	0	0	1966
67	Chase-Silica	Okmar Oil Company	(W)Burmeister Wfd	11715	Burmeister, Isern A, Isern B	25,26-19-11W	40	0	Lans-KC	3,080	7	3	0	0	0	1966
68	Chase-Silica	Petroleum, Inc.	(W)Kowalsky Arb Pilot Flood	13576	Dannebohm	36-20-12W	160	---	Arbuc	3,384	9	7	1	0	0	1967
69	Cheyenne View	Aladdin Petroleum Corp.	(P)Ahrens	5532	Ahrens	11-19-12W	70	0	KC	3,120	20	5	0	0	0	1957
70	Cheyenne View	Aladdin Petroleum Corp.	(P)Brodie	11374	Brodie	23-19-12W	80	0	KC	3,085	65	7	0	0	0	1964
71	Cheyenne View	Aladdin Petroleum Corp.	(P)Kultgen B	5917	Kultgen B	11-19-12W	20	0	KC	3,100	20	1	0	0	0	1957
72	Cheyenne View	Aladdin Petroleum Corp.	(P)Rinker B	5561	Rinker B	12-19-12W	80	80	KC	3,060	30	3	0	0	0	1959
73	Cheyenne View	Geo. H. Hannum	(P)Lanterman Wfd	5387	Lanterman A	23-19-12W	160	0	KC-Arbuc	3,142*	49†	0	---	0	---	1966
74	Cheyenne View	Kewanee Oil Company	(W)Milton-Pflugi	3980	Milton, Pflugi	14,15-19-12W	160	0	KC	3,144	260	3	1	0	0	1954
75	Cheyenne View	Monsanto Company	(W)Louis	7236*		12-19-12W	160	---	Lans-KC	3,100	10	1	3	0	0	1958
76	Cheyenne View	Monsanto Company	(W)Panning	10803*		11-19-12W	80	---	Lans-KC	3,100	10	1	2	0	0	1953
77	Cheyenne View	Sohio Petroleum Company	(W)Heinz "A"	3272	Heinz "A"	12-19-12W	30	---	Lans-KC	3,100	17	2	0	0	0	1960
78	Clarence	M. J. Bove Operating Co.	(W)Button	12012	Button	35-19-15W	160	160	Lans-KC	3,246	40	2	0	0	0	1965
79	Demel	Helmerich & Payne, Inc.	(W)Demel*	12410	Demel	6-17-11W	40	0	Lans	3,108	7	2	0	0	0	1966
80	Ellinwood North	American Petrofina Company of Texas	(W)Schwamborn Wfd	8476	Schwamborn	28-19-11W	100	40	Lans-KC	3,065	12	6	0	0	0	1961
81	Ellinwood North	Bea Drilling Company	(D)Schartz "D"	9208	Schartz "D"	33-19-11W	20	20	Lans-KC	3,069	22	1	0	0	1	1962
82	Ellinwood North	Kewanee Oil Company	(W)Lanterman & Hartman Leases	9555	Hartman, Lanterman A	27,28-19-11W	130	0	Lans-KC	3,056	250	2	3	0	1	1962
83	Ellinwood North	Pan American Pet. Corp.	(W)N. J. Schartz	6777	N. J. Schartz	33-19-11W	40	0	Lans	3,060	5	2	0	0	0	1961
84	Erna Southeast	Colorado Oil Company	(P)Russell "B"	8604	Russell "B"	29-18-14W	120	0	Lans-KC	3,258	210	2	0	0	0	1961
85	Fort Zarah	W. L. Hartman	(P)Harris "A"	11427	Harris	30-19-12W	20	0	Lans-KC	3,139	60	1	0	0	0	1964
86	Fort Zarah	Monsanto Company	(D)Leosha	8458		29-19-12W	80	---	Lans-KC	3,100	10	0	0	0	0	1961
87	Galatia South	Aspen Drilling Company	(W)Karst-Maag Unit	13390	Karst, Maag	13,14-16-15W	40	0	Lans-KC	3,215	6	3	0	0	0	1967
88	Great Bend Airport	Petroleum Management, Inc.	(W)Great Bend Airport	5366	Essmiller "A", Opie	26-19-14W	160	260	Lans-KC	3,188	240	4	1	0	0	1957
89	Hammeke West	Nadel & Gussman	(W)Hammeke	8335	Hammeke	18-19-11W	20	10	Lans-KC	3,142	10	2	0	0	0	1961
90	Hammer	Livingston Oil Company	(W)Hammer Wfd	9812	Birzer, Hammer "A", Hammer "B", Johanning	35,36-19-12W	160	20	Lans-KC "L" & "DE"	3,100	220	9	0	0	0	1963
91	Hiss	Baruch-Foster Corp.	(W)McGreevy Lease	12894	McGreevy	30-20-13W	0	0	Lans	3,290	20	0	0	0	0	1966
92	Hiss	Joe Brougher Oil Co.	(W)Murphy	5970	L. L. Murphy	29-20-13W	80	?	KC	3,456	6	2	0	0	0	?
93	Hiss	Phillips Petroleum Co.	(W)McGreevy	13421	McGreevy	30-20-13W	0	?	Lans-KC	3,200	15	0	0	0	0	1967
94	Kimpler	Morgenstern Oil Operations	(W)Kimpler Wfd	13046*	Kimpler "C"	31-18-11W	80	---	Lans-KC	3,150	5	2	0	0	0	1961
95	Klepper	Graybol Oil Corporation	(W)Klepper Pool Unit	11500	Birzer, Klepper "B", Klepper "C", Myers, Sams	2,3,10,11-19-11W	20	0	Lans-KC	3,200	14	2	0	0	0	1965
96	Klepper	C. L. Hanes	(D)Klepper	10802	Klepper	2-19-11W	20	0	KC	3,040	5	0	0	0	0	1964
97	Kraft-Prusa	Colorado Oil Company	(W)Esfeld Lease	9560	Esfeld	29-16-11W	160	0	Douglas	2,960	15	6	0	0	0	1963
98	Kraft-Prusa	Gulf Oil Corporation	(W)Joseph Lease	12275	Joseph	29-16-11W	160	0	Douglas	2,995	---	9	0	0	0	1966
99	Kraft-Prusa	Nat. Coop. Ref. Assn	(W)Dolechek Est.	9163	Dolechek	24-16-12W	30	10	Gorham	3,339	20	3	0	0	1	1962
100	Kraft-Prusa	Nat. Coop. Ref. Assn	(W)Paul Dolechek	6187	Paul Dolechek	24-16-12W	40	0	Gorham	3,352	26	4	0	0	0	1958
101	Kraft-Prusa	Nat. Coop. Ref. Assn	(-)Joseph	8334	Joseph	32-16-11W	0	30	Douglas	3,002	8	0	0	0	0	1961
102	Kraft-Prusa	Nat. Coop. Ref. Assn	(W)Morgan "B"	11293	Morgan "B"	22-16-12W	30	10	Lans	3,188	8	3	0	0	0	1965
103	Kraft-Prusa	Nat. Coop. Ref. Assn	(W)Ney	11520	Ney	17-16-11W	10	0	Lans	2,992	90	1	0	0	0	1965
104	Kraft-Prusa	Nat. Coop. Ref. Assn	(W)Schneweis	12483	Schneweis	5-17-11W	20	0	Lans	3,070	18	2	0	0	0	1966
105	Kraft-Prusa	Nat. Coop. Ref. Assn	(W)Valenta	9177	Valenta	31-16-11W	30	0	Douglas	2,976	8	3	0	0	0	1962
106	Kraft-Prusa	Phillips Petroleum Co.	(W)Holder "A"	14148		12-16-12W	0	?	Lans-KC	3,020	15	0	0	0	0	1968
107	Kraft-Prusa	Skelly Oil Company	(W)E. F. Esfeld	13453	E. F. Esfeld	30-16-11W	50	0	Douglas*	2,965	15	2	0	0	0	1967
108	Lanterman	Lario Oil & Gas Company	(P)Rehme	13853	Rehme	15-19-11W	40	0	Lans-KC*	3,050	?	2	0	0	0	1967
109	Ney Southwest	K & E Drilling, Inc.	(D)Rude	11059	Rude "E"	2-16-13W	20	12	Lans	3,100	5	1	0	0	0	1964
110	Prairie View	Morgenstern Oil Operations	(W)John Schartz	13049	Ahrens, Kowalsky, John Schartz	20-19-11W	160	0	Lans-KC	3,200	150	4	0	0	0	1956
111	Pritchard	Phillips Petroleum Co.	(W)West Hiss LKC Unit	7104		36-20-14W	130	?	Lans-KC	3,350	50	4	1	0	0	1959
112	Roesler	Nadel & Gussman	(W)Bieberle	13249	Bieberle	15-18-11W	10	0	KC	3,025	10	1	0	0	0	1967
113	St. Peter	Isern-Wells	(W)Musenberg "A" Flood	12136	Musenberg A	33-18-11W	80	0	Lans-KC	3,110	25	1	---	---	---	1965
114	St. Peter	Shelley-Miller Drlg., Inc.	(W)Robl Unit	11630	Hickel, Musenberg, Robl	32,33-18-11W;5-19-11W	260	20	Platt-L-KC	2,912*	5†	10	---	0	1	1965
115	St. Peter	Texaco Inc.	(W)St. Peter Pool	11909		32-18-11W	320	---	Lans-Platt	2,900*	25	7	0	0	0	1962



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
62	---	---	0	---	Irreg.	---	---	---	---	---	---	---	---	5,880	0	32,596	0	725,533		
63	---	---	0	---	Irreg.	---	---	---	---	---	---	---	---	13,316	9,964	290,558	60,188	1,010,082		
64	1	0	0	0	Peri.	Vac.	80	Prod + Fresh	20	M	S Gas	1/0	39	6,266	0	10,986	0	10,986		
65	1	0	0	0	Irreg.	772	480	Arbuc	3,322	U	S Gas	1/0	43	5,911	3,930	175,161	12,337	623,815		
66	1	0	0	0	Irreg.	1,250	88	Prod + Arbuc	3,280	U	S Gas	1/0	38	3,663	1,433	32,291	4,581	107,400		
67	1	0	0	0	---	780	234	Prod + Arbuc	3,300	U	S Gas	?	34	4,047	0	85,207	0	176,167		
68	1	0	0	0	Irreg.	Vac.	347	Prod	---	T	Wat	1/10	41	9,169	9,169	126,803	9,169	179,551		
69	2	0	0	0	Irreg.	200	450	Prod + Fresh	60	M	---	90/10	40	2,921	2,921	42,305	209,514	663,340		
70	1	0	0	0	Irreg.	400	225	---	---	U	S Gas	---	38	11,286	11,286	83,820	53,351	394,290		
71	1	0	0	0	Irreg.	50	200	Prod	---	U	S Gas	---	38	1,464	1,464	95,160	107,032	640,615		
72	2	1	0	0	Irreg.	700	350	Prod + Fresh	70	U	S Gas	---	38	5,004	5,004	121,400	297,077	1,311,875		
73	1	0	0	0	Irreg.	500	350	Prod + KC + Arbuc†	3,145	M	Wat #	50/50	40	0	0	320,644	0	320,644	*3,439; †20; †Fresh; #S Gas	
74	3	1	0	0	Irreg.	117	64	Prod + Gravel	100	M	S Gas	26/7	43	6,379	6,379	70,237	194,180	2,403,464		
75	1	1	0	0	Irreg.	100	29	Prod	---	M	S Gas	11/4	41	1,181	1,181	10,585	188,772	724,107	*6618	
76	1	3	0	0	Irreg.	0	20	Prod	---	U	S Gas	38/7	38	1,620	0	7,300	8,464	488,107	*9724; 7506; 3420	
77	1	0	0	0	Irreg.	0	144	Prod	---	T	S Gas	10/51	39	4,732	4,732	52,786	45,970	453,341		
78	1	0	0	0	---	0	200	Prod + Dakota	300	U	S Gas	98/2	33	6,752	6,752	72,500	12,344	278,654		
79	1	0	0	0	Irreg.	Vac.	117	Prod	---	U	S Gas	10/63	38	---	---	---	---	---	*Abandoned Oct 1, 1968	
80	2	1	0	0	Peri.	275	508	Prod	---	T	S Gas	?	42	12,714	8,026	370,567	29,171	1,935,475		
81	1	0	0	1	Line	820	295	Prod	---	U	S Gas	1/0	42	1,241	1,241	47,200	20,637	401,816		
82	1	0	0	0	Irreg.	350	695	Prod	---	T	S Gas	?	40	6,816	6,816	254,443	93,062	2,015,370		
83	1	0	0	0	Irreg.	0	808	Prod	---	T	S Gas	10/13	38	6,487	6,487	322,468	43,712	912,092		
84	1	0	0	0	Irreg.	15	40	Prod	---	U	S Gas	23/13	40	4,110	0	14,640	0	113,076		
85	1	0	0	0	---	60	63	Prod + Water Sand	20	M	S Gas	---	41	3,666	1,200	22,962	10,850	109,584		
86	0	1	0	0	Irreg.	Vac.	0	Prod	---	F	S Gas	1/18	39	3,139	0	0	0	194,880		
87	1	0	0	0	Irreg.	200	200	Prod + Dakota	280	M	S Gas	1/0	41	6,847	6,847	89,476	9,680	120,975		
88	1	0	0	0	Irreg.	200	130	Prod	---	U	S Gas	---	34	10,642	2,800	46,800	49,645	1,314,900		
89	2	0	0	0	Irreg.	80	100	Fresh	100	F	S Gas	80/20	39	5,500	4,400	36,000	50,640	340,750		
90	4	0	0	0	Irreg.	495	221	Fresh	50	F	S Gas	2/19	39	67,750	32,910	322,980	155,443	1,741,195		
91	1	0	0	0	Irreg.	Vac.	17	Prod	---	U	S Gas	15/18	34	4,332	0	6,200	0	17,400		
92	1	1	0	0	Line	750	200	Prod + Fresh	40	M	S Gas	?	39	?	?	90,000	?	?		
93	1	0	0	0	Irreg.	0	20	Prod	---	U	S Gas	1/3	33	1,726	0	7,111	0	11,066		
94	1	0	0	0	Irreg.	400	200	Prod	---	T	S Gas	---	40	5,100	5,100	73,000	57,500	345,785	*8421	
95	2	0	0	0	Irreg.	600	132	Prod	25	M	S Gas	---	42	3,313	3,313	96,182	8,721	319,394		
96	1	0	0	0	Line	0	40	Prod	---	U	Grav	10/90	42	1,745	0	14,600	0	32,850		
97	2	0	0	0	Irreg.	350	329	Prod	---	---	---	16/19	37	16,603	16,603	240,997	91,749	699,528		
98	1	0	0	0	Irreg.	850	500	Prod + Arbuc	3,328	U	S Gas	2/43	40	36,962	32,262	180,069	96,672	561,530		
99	2	1	0	0	Irreg.	129	256	Prod + Cheyenne	525	M	Wat	5/16	42	15,281	11,589	93,387	51,444	786,012		
100	1	0	0	0	Irreg.	892	490	Prod	---	U	Wat	5/19	42	8,659	8,659	178,860	70,424	1,805,458		
101	1	0	0	1	Irreg.	800	28	Prod + Arbuc	3,341	U	Wat	1/90	?	0	0	10,089	0	675,895		
102	2	0	0	0	Irreg.	275	481	Prod + Arbuc	3,357	U	S Gas	19/0	42	11,100	5,825	175,510	9,322	501,785		
103	1	0	0	0	Irreg.	0	80	Prod	---	U	S Gas	1/0	37	1,313	0	29,021	0	109,104		
104	1	0	0	0	Irreg.	1,025	284	Prod + Arbuc	3,331	U	S Gas	1/0	41	5,673	7,488	103,589	7,488	251,876		
105	1	0	0	0	Irreg.	750	180	Arbuc	3,341	U	Wat	1/0	42	7,887	3,966	65,612	21,233	523,593		
106	1	0	0	0	Irreg.	100	84	Prod + Arbuc	3,300	U	S Gas	10/27	40	2,863	0	24,737	0	24,737		
107	1	0	0	0	Irreg.	0	709	Prod	---	T	S Gas	---	40	30,683	17,483	258,746	17,483	279,297	*Lans	
108	1	0	0	0	Irreg.	Grav.	200	Prod	---	T	S Gas	1/10	37	4,747	0	73,987	0	79,491	*Arbuc	
109	1	0	0	0	Irreg.	0	65	Prod	---	U	S Gas	1/4	38	1,401	700	22,300	1,568	97,900		
110	1	1	0	0	Irreg.	900	490	Prod + Surface	40	M	S Gas	?	38	24,556	24,556	178,000	81,111	638,850		
111	2	1	0	0	Irreg.	50	480	Prod + Fresh	150	M	S Gas	10/43	40	25,404	15,524	350,832	80,237	3,076,129		
112	1	0	0	0	Irreg.	0	100	Shallow Fresh	100	F	S Gas	90/10	41	4,780	480	35,600	980	53,600		
113	1	0	0	0	Irreg.	90	57	Fresh	90	F	S Gas	20/1	40	11,227	1,100	10,272	13,820	85,581		
114	4	0	1†	0	Irreg.	700	750	Prod + Fresh	90	M	S Gas	---	39	55,929	55,929	273,750	101,189	1,040,119	*3118; †8; †Converted	
115	3	2	0	0	Irreg.	0-100	510	Prod	---	T	Wat	2/3	42	37,259	21,649	453,744	---	2,892,137	*3,100	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
BARTON Cont.																
116	St. Peter East	Isern-Wells	(W)Musenberg "B"	12921	Musenberg B	33-18-11W	160	---	Lans-KC	3,070	25	0	0	0	0	1966
117	St. Peter East	Nadel & Gussman	(W)Birzer	14055	Birzer	3,4-19-11W	80	0	Lans-KC	3,100	20	2	0	0	0	1968
118	St. Peter East	Nadel & Gussman	(W)Johanning	12861	Johanning	34-18-11W	100	0	KC	3,060	10	2	0	0	0	1966
119	Sandrock	APCO Oil Corporation	(W)Sandrock Unit	9838	Jackson, Morrison, Weathers	27,28-20-13W	60	0	Lans-KC	3,400	20	4	0	0	0	1962
120	Sandrock	Phillips Petroleum Co.	(W)Pursel Unit	13215		28-20-13W	55	?	Lans-KC	3,300	15	3	0	1	0	1967
121	Shaeffer-Rothgarn	Kewanee Oil Company	(W)Engleman-McDonald	12586	Engleman, McDonald	27,34-20-13W	70	0	KC	3,261	54	4	0	0	0	1966
122	Trapp	A.L. Abercrombie, Inc.	(W)Prusa Lease	12639	Prusa	20-16-13W	80	0	Lans-KC	3,228	8	2	0	0	0	1966
123	Trapp	Aladdin Petroleum Corp.	(P)Soderstrom	5560	Soderstrom	21-17-13W	80	80	KC	3,145	10	2	0	0	0	1957
124	Trapp	Morgenstern Oil Operations	(D)Maier	9840	Maier	9-16-13W	160	0	Lans-KC	3,290	5	1	0	0	0	1962
125	Trapp	Nat. Coop. Ref. Assn	(W)Hoisington Flood Project	11190	Boger, Putnam, Russell, Underwood	8,9,16,17-17-13W	70	0	Lans	3,326	6	7	0	0	0	1964
126	Trapp	Shell Oil Company	(W)Hoffman "A" & "B" & Ehrlich "A"	12252	J. Ehrlich "A", N.A. Hoffman "A", N.A. Hoffman "B"	7,18-16-13W;12-16-14W	360	0	Topeka & Lans-KC	2,962	100	7	0	0	0	1966
127	Trapp	Shell Oil Company	(W)Schneider "C"	11517	Schneider "C"	2-16-14W	160	0	Lans-KC	3,082	---	1	1	0	0	1965
128	Trapp	Skelly Oil Company	(P)Putnam "B" Lease	5929	Putnam "B"	3-17-13W	80	0	Lans	3,140	18	2	0	0	0	1957
129	Workman Northwest	Kewanee Oil Company	(W)Buckbee	11972		14-20-12W	30	0	Arbuc	3,373	28	2	0	0	0	1965
BARTON-ELLSWORTH COUNTIES																
130	Kraft-Prusa	Sun Oil Company-DX Division	(W)Kraft Prusa	11565	Kraft Prusa	7,18-17-10W;1,12,13-17-11W	780	20	Lans-KC	3,101	124	17	2	0	1	1965
BARTON-RICE COUNTIES																
131	Mary Ida	Sohio Petroleum Co.	(W)Mary Ida Unit	9151	Buehler, Doll, Manke, Mooney, Musenberg, Reif "A", Reif "B"	31-18-10W;36-18-11W	370	---	Lans-KC	3,100	21	13	1	0	---	1962
BARTON-RUSSELL COUNTIES																
132	Hall-Gurney	Nat. Coop. Ref. Assn	(W)N.W. Beaver Unit	14582	Depiesse, Hilgenberg, Hilgenberg "A", Hilgenberg "B", Hofmeister, Staudinger "A", Staudinger "B", Staudinger "D", Staudinger "E"	32-15-12W;5,6-16-12W	400	0	Lans + Topeka	2,980 2,835	15	22	2	0	0	1968
BARTON-STAFFORD COUNTIES																
133	Bart-Staff	Nat. Coop. Ref. Assn	(W)Boyd-Dorfshaffer-McGreevy	10131	Boyd, Dorfshaffer, McGreevy "A", McGreevy "B"	33-20-14W;4,5-21-14W	120	10	Lans	3,330	120	10	1	0	0	1963
134	Shaeffer-Rothgarn	Kewanee Oil Company	(W)Sharp A & B	13810	Sharp A, Sharp B	35-20-13W;3-21-13W	140	0	KC	3,267	206	3	0	0	0	1967
BOURBON COUNTY																
135		CRA, Inc.	(W)Ellington Wfd	14503	Ellington	1-25-21E	40	0	Bartl	630	10	2	0	3	0	1968
136		CRA, Inc.	(W)Holeman Wfd	14503	Holeman	1-25-21E	20	0	Bartl	650	10	2	0	0	0	1968
137		CRA, Inc.	(W)Humphrey Wfd	14503	Humphrey	36-24-21E	140	0	Bartl	650	8	14	0	0	0	1968
138		CRA, Inc.	(W)Lormor Wfd	14503	Lormor	1-25-21E	40	0	Bartl	650	10	3	0	2	0	1968
139		CRA, Inc.	(W)O'Harah Wfd	14503	O'Harah	1-25-21E	20	0	Bartl	650	5	1	0	1	0	1968
140	Bronson Southeast	CRA, Inc.	(W)Woodward Wfd	12914	Woodward	12,13-25-21E	90	0	Bartl	661	18	11	0	0	0	1966
141	Bronson-Xenia	T.E. Bird	(W)Collins Unit	14355*	Camac, Collins	25-24-21E	25	0	Bartl	610	16	0	0	15	2	1968
142	Bronson-Xenia	Bourbon Oil Co.	(W)Bourbon Oil Co.	5545	Ermel, Kastl, Poos, Ziegler	8,17-24-22E	160	0	Bartl	630	15	10	0	0	0	1962
143	Hepler	Walter Duncan	(W)Hepler	8780	Freeman, Jackson, Johnson, Shireman	24-27-21E;19-27-22E	140	0	Tucker	675	14	34	0	0	0	1961
BUTLER COUNTY																
144	Augusta	Cities Service Oil Co.	(W)Augusta Unit	10415	Augusta Unit	2,10,11,14,15-28-4E	1,012	0	KC	2,050	6	31	0	0	3	1963
145	Augusta	Cities Service Oil Co.	(W)Skaer-Starkey	9719	Skaer, Starkey	35-27-4E	255	0	KC	2,030	6	13	0	0	0	1962
146	Augusta	Cities Service Oil Co.	(W)Varner KC	8282	Varner	8,17-28-4E	0	0	KC	1,990	15	0	0	0	4	1961
147	Augusta	Hammer & Maclean	(P)Ambler-Moyle	12240*	Ambler, Moyle	35-27-4E;2-28-4E	160	0	KC	2,062	10	9	0	1	0	1965

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
116	1	---	---	---	Irreg.	90	145	Fresh	90	F	S Gas	25/1	40	?	7,167	2,100	53,133	7,947	131,685	
117	3	0	0	0	Peri.	0	100	Prod + Fresh	100	F*	Wat†	1/4	37	?	5,020	500	42,380	500	42,380	*U; †S Gas
118	2	0	0	0	Peri.	0	100	Shallow	100	F	Wat*	85/15	42	---	32,000	18,800	66,000	29,200	154,072	*S Gas
119	2	0	0	0	Irreg.	45	178	Prod + Tertiary	60	F	S Gas	?	30	?	11,261	11,261	130,064	99,410	877,729	
120	2	0	0	0	Line	180	250	Prod + Fresh	60	M	S Gas	2/1	30	18	26,243	21,167	181,083	25,312	362,974	
121	2	0	0	0	Irreg.	Vac.	38	Prod	---	U	S Gas	68/59	30	?	4,854	1,205	27,984	1,652	94,869	
122	1	0	0	0	Peri.	0	85	Prod + Arbuc	3,400	U	S Gas	?	35	?	1,667	0	35,140	0	132,555	
123	2	0	0	0	Irreg.	350	200	Prod	---	U	S Gas	---	40	?	3,494	3,219	91,222	450,945	1,587,975	
124	1	0	0	0	Irreg.	0	50	Prod	---	U	Gas Exp	?	37	---	1,495	1,495	18,250	6,761	98,589	
125	1	0	0	0	Irreg.	0	235	Prod + Arbuc	3,413	U	S Gas	1/0	40	?	27,046	7,170	85,701	10,523	160,307	
126	1	3	0	0	Irreg.	2	42	Prod + Arbuc	3,292	U	S Gas	1/6	36	---	20,897	20,897	15,230	74,381	107,642	
127	3	0	0	0	Irreg.	47	72	Prod + Arbuc	3,292	U	S Gas	1/10	37	---	1,469	1,469	79,477	9,088	183,352	
128	1	0	0	0	Irreg.	340	48	Prod	---	T	S Gas	---	37	?	1,550	0	17,622	0	364,496	
129	1	0	0	0	Irreg.	750	29	Prod	---	U	Wat	10/16	40	?	2,900	0	10,647	0	30,485	
130	10	0	1	0	Irreg.	890	5,257	Prod	---	U	S Gas	44/10	41	?	97,182	97,182	1,918,798	336,458	5,450,650	
131	8	1	0	0	Peri.	720	232	Prod + Fresh	130	M	S Gas	4/17	40	---	82,650	82,650	687,766	345,340	3,750,389	
132	6	0	0	0	Peri.	1,041	1,827	Prod + Dakota	360	T	S Gas	10/41	41	?	16,686	0	38,371	0	38,371	
133	4	1	0	1	Irreg.	1,210	1,080	Prod + Arbuc	3,550	U	S Gas	5/13	31	?	25,085	9,655	397,107	122,285	1,352,921	
134	1	1	0	0	Irreg.	360	219	Prod	---	U	S Gas	40/46	34	?	14,061	0	47,356	0	66,536	
135	4	0	2	0	Irreg.	90	70	Miss	830	F	S Gas	50/1	32	?	4,302	0	23,934	5,177	23,934	
136	1	0	1	0	Irreg.	70	52	Miss	830	F	S Gas	10/1	32	?	7,054	4,699	35,747	7,660	53,338	
137	6	0	2	0	Irreg.	150	160	Miss	850	F	S Gas	10/1	32	?	19,349	0	142,885	0	142,885	
138	1	0	3	0	Irreg.	70	52	Miss	850	F	S Gas	10/7	32	?	2,378	1,873	34,939	7,660	53,338	
139	1	0	1	0	Irreg.	100	70	Miss	830	F	S Gas	50/37	32	?	1,948	0	6,270	0	6,270	
140	11	1	0	1	Line	190	120	Miss	832	F	S Gas	32/1	31	17	33,182	27,257	482,088	45,328	946,302	
141	6	0	0	---	Line	150	100	Prod + Miss	820	U	S Gas	1/0	32	15	11,082	0	90,000	0	90,000	*14061
142	5	0	0	0	5-spot	200	20	Miss	800	U	Grav	3/1	29	---	2,100	2,100	?	13,000	100,000	
143	42	0	0	0	5-spot	430	18	Miss	800	F	S Gas	?	26	?	49,162	49,162	279,590	378,287	2,213,458	
144	20	0	0	0	5-spot	400	368	Prod + Arbuc	2,500	U	S Gas	3/10	36	?	95,330	95,330	2,760,558	727,365	10,338,083	
145	14	0	0	0	5-spot	280	238	Prod + Arbuc	2,600	U	S Gas	3/10	36	?	50,949	50,949	1,450,560	484,257	6,967,096	
146	0	0	0	4	Irreg.	0	0	Prod + Arbuc	2,800	U	S Gas	1/9	36	?	0	0	0	61,870	5,033,219	
147	4	0	0	0	Irreg.	250	284	Prod	---	-	Grav	70/30	36	---	26,536	26,536	414,430	37,271	1,082,675	*6541

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Abond.	
BUTLER Cont.																
148	Augusta	International Oil Corp., Inc.	(W)Haskins Flood	13654	Haskins	17,20-28-4E	70	30	Arbuc	2,460	25	4	0	0	0	1965
149	Augusta North	Robt. F. White	(D)Foster	2187	Foster	21-27-4E	160	80	KC	2,000	20	6	0	0	0	1949
150	Augusta North	Robt. F. White	(D)Scully "C"	4682	Scully "C"	16-27-4E	30	30	KC	2,000	20	2	0	0	0	1958
151	Blankenship	Eureka Drilling Co.	(P)Dunne	2672	Dunne	9-26-8E	80	---	Bart1	2,400	20	2	1	0	0	---
152	Blankenship	Okmar Oil Co.	(W)Drum-Bitler	4169	Drum-Bitler	20-26-8E	80	0	Bart1	2,660	25	3	0	0	0	1954
153	Blankenship	C.D. Payne	(D)	3565		9-26-8E	80	?	Bart1	2,537	40	1	1	0	0	1965
154	Brickley & Brickley East	Dunne Equities, Inc.	(D)Lucas-Lanier Unit	9180		2-27-7E	240	0	Bart1	2,665	10	3	2	0	0	?
155	Combs Northeast	Aztec Oil Company	(W)Haverhill Unit	311	Brandonberg, Cranston, 307 Hutchinson A, Hutchinson B, 105* Reetz, Sharrok, Willits	22,27,34-29-5E	?	?	Bart1	2,700	40	4	0	0	2	?
156	Combs Northeast	Kewanee Oil Company	(W)Gate-Veed*	7926	Gate, Veed	27,34-29-5E	50	10	Bart1	2,817	8	1	0	0	0	1960
157	Eckel Northeast	Rex & Morris Drlg. Co.	(W)Henn Unit	13958	Henn, Lill, Vernon	5,6-27-7E	110	0	KC	2,025	10	6	0	0	0	1967
158	Elbing	Aladdin Petroleum Corp.	(P)Furman	11895	Furman	8-23-4E	120	0	KC	1,925	30	5	0	0	0	1964
159	Elbing	CRA, Inc.	(P)North Lathrop	7145	North Lathrop	17-23-4E	---	---	KC	1,950	30	---	---	---	---	1959
160	Elbing	CRA, Inc.	(P)South Lathrop	8005	South Lathrop	17-23-4E	---	---	KC	2,100	25	---	---	---	---	1960
161	Elbing	Nonken Investments	(D)	13622	Everett, Neer, Parris, Ram	20,29-23-4E	150	0	KC	2,048	---	1	0	0	0	1967
162	Elbing	Phillips Petroleum Co.	(W)J.C. Scully	11973		17-23-4E	60	?	Lans-KC	2,020	30	2	0	0	0	1965
163	El Dorado	R.R. Abderhalden	(W)Deming Wfd	6672	Deming	19-25-5E	80	0	El Dorado	650	13	3	0	0	0	1958
164	El Dorado	Baker Oil Inc.	(P)Wilson	4077	Wilson	22,27-25-5E	40	?	Viola	2,553	10	3	0	2	0	1960
165	El Dorado	Cities Service Oil Co.	(W)Anderson Lans	12493	Anderson, Batman	7,8-26-5E	85	0	Lans	1,660	13	3	0	0	0	1967
166	El Dorado	Cities Service Oil Co.	(W)Chesney Douglas	6422	Chesney	21-25-5E	127	0	Douglas	1,400	29	8	0	0	1	1958
167	El Dorado	Cities Service Oil Co.	(W)Chesney KC	6351	Chesney, Hegberg, Knox, Mills	21,22,28-25-5E	441	20	KC	1,900	32	26	1	0	0	1958
168	El Dorado	Cities Service Oil Co.	(W)El Dorado Shallow	5425 3966	Atkins, Chesney, Finney, Hegberg, E. Howe, Huston, 3477 Knox, Marsh, Mills, Murray, 2571* Price, Robinson, B. Stokes	25-25-4E;20,21,22, 28,29,30,31-25-5E; 5,6-26-5E	1,920	983	El Dorado 650' Sh Sd	650	12	104	40	0	31	1954
169	El Dorado	Cities Service Oil Co.	(W)El Dorado 550	5425 3966*	Atkins, Burlingame, Chesney, Hegberg, Murray, Stokes	20,21,28,29,30-25-5E	620	302	El Dorado 550'	550	6	26	8	0	9	1957
170	El Dorado	Cities Service Oil Co.	(W)Enyart KC	10002	Abraham-Ralston, Bloir, Brack B & C, Enyart, Hamilton, Paulson, Porter D	1,2,11,12,13-26-4E	833	0	KC	2,000	22	26	1	0	1	1963
171	El Dorado	Cities Service Oil Co.	(W)Finney Simpson	6888 6586 5493	Finney, Fulkerson, Graham, D.L. Howe, Millheisler, Millheisler B, Pierpoint, 2577 Thompson	33-25-5E;4-26-5E	511	0	Simpson	2,460	27	30	3	0	1	1950
172	El Dorado	Cities Service Oil Co.	(W)Koogler Viola- Simpson	4992 4623*	Hess, Houston, Kirkpatrick B, Koogler, Richards, Watts	13,24-26-4E;17,18, 19,26-5E	1,373	0	Viola & Simpson	2,540 2,565	15 25	86	20	0	2	1950
173	El Dorado	Cities Service Oil Co.	(W)Stapleton Simpson	13973	Moler, Stapleton	29,32-25-5E	109	0	Simpson	2,440	18	4	0	2	0	1967
174	El Dorado	Cities Service Oil Co.	(W)Stokes KC	9803	Hegberg, Pierpoint, Stapleton, Stokes A, B, Stokes	28,29,32,33-25-5E	643	0	KC	2,000	20	28	0	0	0	1962
175	El Dorado	Cities Service Oil Co.	(W)Wilson Burlingame	9085	Wilson	7,8-25-5E	72	10	Burlingame	850	8	2	0	0	0	1962
176	El Dorado	Cities Service Oil Co.	(W)Wilson KC	4874	Wilson	7,8,9-25-5E	618	15	KC	1,975	28	23	2	0	0	1956
177	El Dorado	Cities Service Oil Co.	(W)Wilson Lansing	4874	Wilson	7,8,9-25-5E	162	0	Lans	1,675	34	7	0	5	0	1966
178	El Dorado	Cities Service Oil Co.	(W)Wilson Simpson	4400	Wilson	8,9-25-5E	286	0	Simpson	2,550	36	8	0	0	1	1955
179	El Dorado	Cities Service Oil Co.	(W)Wilson White Cloud	13743	Wilson	8-25-5E	22	0	White Cloud	900	13	1	0	0	0	1967
180	El Dorado	Cities Service Oil Co.	(W)Wilson 550	3477	Wilson	7,8,9-25-5E	306	0	550 Sand	550	8	17	7	0	1	1962
181	El Dorado	Cities Service Oil Co.	(W)Wilson Shallow	3477	Wilson	7,8,9-25-5E	616	340	Shallow	650	9	18	0	0	0	1954
182	El Dorado	D.E. Dunne, Jr.	(D)M.A. Koogler	3016		21-26-5E	265	0	Simp-Viola	2,400	40	22	9	0	0	1951
183	El Dorado	Gulf Oil Corporation	(W)A.J. Shumway	4830	A.J. Shumway	11-26-4E	160	0	KC	1,975	---	7	0	0	0	1963
184	El Dorado	K & B Producers, Inc.	(P)W.A. Page	2551		9-26-5E	---	---	Simpson	2,600	---	2	0	0	0	1950
185	El Dorado	K & B Producers, Inc.	(-)Robison	7763		18-25-5E	---	---	---	---	---	8	0	---	---	---
186	El Dorado	R.W. Musgrove	(D)Bond	3805	Bond	2-25-5E	1	0	Viola	2,600	15	1	0	0	0	1950
187	El Dorado	Okmar Oil Company	(W)Fowler	13161	Fowler	1-26-4E	20	0	KC	2,040	20	2	0	0	0	1966
188	El Dorado	Okmar Oil Company	(W)Hanson*	7486	Hanson, Wooley	16-25-5E	0	25	El Dorado	700	5	0	0	0	2	1960
189	El Dorado	Ramsey, et al	(W)Ramsey, et al	12221		6-25-5E	40	---	White Cloud	1,000	15	5	---	0	0	1965
190	El Dorado	Saco Oil Company	(P)	7402	W.E. Stone	2-25-5E	30	?	Peru	2,130	14	2	---	0	1	?
191	El Dorado	Saco Oil Company	(P)	7484	Belton	3-25-5E	15	---	Peru	2,130	14	3	1	0	0	1958
192	El Dorado	Stelbar Oil Corp., Inc.	(W)Cameron "A"	4036	Cameron	2-25-5E	160	---	Peru	2,150	20	6	1	0	0	1951

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
148	1	0	0	0	Irreg.	400	1,200	Prod	---	U	Wat	1/70	32	?	2,735	2,735	257,000	5,820	1,207,000	
149	1	1	0	0	Irreg.	350	1,200	Prod	---	U	Wat†	10/90	36	?	6,669	3,300	400,000	106,000	4,400,000	*2120; †S Gas
150	1	1	0	0	Irreg.	360	650	Prod + Arbuc-Simp	2,450	T	Comb.	10/90	36	?	4,900	3,000	220,000	75,000	1,440,000	*4049
151	1	0	0	0	Irreg.	100	50	Prod	---	T	S Gas	60/40	36	---	1,825	900	18,000	900	18,000	
152	1	0	0	0	Irreg.	150	309	Prod	---	U	S Gas	?	36	---	2,242	2,242	113,210	6,431	349,220	
153	1	0	0	0	?	Vac.	---	Prod	---	U	Comb.	?	38	?	2,203	?	10,950	---	---	
154	1	1	0	0	Irreg.	---	---	Prod	---	U	Gas Exp	1/1	37	---	1,087	0	1,087	?	?	
155	1	0	0	1	Irreg.	0	350	Prod	---	T	Grav	---	39	?	4,665	4,665	127,750	?	?	*100
156	0	1	0	1	Irreg.	460	44	Prod + Gravel	328	M	S Gas	2/3	38	?	1,474	425	15,936	20,282	730,960	*Injection ceased 6-6-68
157	2	0	1	0	Irreg.	50	120	Prod + Quaternary	20	M	S Gas	11/9	37	---	39,185	---	55,000	0	55,000	
158	4	0	0	0	Irreg.	250	300	Prod + Hunton	2,400	U	Wat	---	35	?	12,570	10,056	351,250	70,628	973,604	
159	---	---	0	---	Irreg.	---	---	---	---	-	---	---	---	---	13,874	8,815	132,042	105,366	1,087,542	
160	---	---	0	---	Irreg.	---	---	---	---	-	---	---	---	---	5,840	3,439	211,961	28,315	1,351,271	
161	1	0	0	0	Irreg.	0	90	Prod	---	U	Wat	10/90	33	---	3,230	651	28,094	651	43,004	
162	2	0	0	0	Irreg.	0	220	Prod + Viola-Hunton	2,400*	U	S Gas	5/54	35	10	6,437	1,877	160,554	2,127	547,634	*2,325
163	3	5	0	0	---	300	25	Prod	---	T	S Gas	11/25	36	6.5	940	940	25,622	73,860	619,738	
164	1	0	0	0	Irreg.	500	250	Prod	---	U	Wat	?	36	?	6,508	0	175,000	0	785,000	
165	4	0	0	0	5-spot	350	475	Arbuc	2,426	U	S Gas	1/1	36	---	9,932	9,932	660,893	17,630	914,633	
166	9	0	0	0	5-spot*	480	228	Prod	---	T	S Gas	1/3	35	?	11,700	11,700	734,816	691,068	9,047,403	*Irreg.
167	26	0	0	0	5-spot	450	200	Prod	---	U	S Gas	3/10	36	?	97,552	97,552	1,930,387	1,899,712	17,571,125	
168	126	31	0	65	5-spot + Irreg.	498	124	Prod	---	U	S Gas	11/28	36	6.5	116,890	116,890	5,016,924	13,493,024	198,608,968	*1722; 130; 36-07-29
169	27	17	0	11	5-spot	407	100	Prod	---	T	S Gas	1/1	36	?	37,560	37,560	1,073,499	1,253,275	16,207,180	*2571; 1722
170	25	0	0	0	---	450	550	Prod + Arbuc	2,380	U	S Gas	1/1	36	?	126,404	126,404	4,695,459	600,606	14,026,536	
171	16	0	0	0	Irreg.	95	530	Prod + Arbuc	2,426	T	S Gas	5/0	35	?	108,280	108,280	3,158,241	2,211,271	31,780,357	
172	74	5	0	4	5-spot + Irreg.	20	300	Prod	---	T	S Gas	99/15	35	?	156,714	156,714	5,898,928	8,468,512	139,879,922	*3777; 2577; 2574; 2342; 2221
173	4	0	2	0	5-spot	483	335	Prod + Arbuc	2,404	T	S Gas	1/1	36	?	26,994	26,994	333,734	29,712	367,932	
174	20	1	0	0	5-spot	475	450	Prod	---	T	S Gas	9/38	36	?	83,600	83,600	2,946,696	590,449	14,392,066	
175	4	1	0	0	5-spot	463	170	Prod	---	T	S Gas	4/10	36	---	3,947	3,947	178,517	38,487	1,882,568	
176	27	3	0	0	5-spot	560	248	Prod	---	T	S Gas	2/5	35	---	53,564	43,564	2,363,213	1,693,494	24,934,312	
177	6	0	4	0	5-spot	424	246	Prod	---	T	S Gas	3/59	36	---	8,155	8,155	501,288	20,495	1,039,450	
178	8	2	0	3	Irreg.	371	269	Prod	---	T	S Gas	36/89	37	---	15,714	15,714	544,911	968,888	8,627,419	
179	3	0	2	0	5-spot	273	242	Prod	---	T	S Gas	1/1	36	---	4,262	4,262	235,552	6,479	322,624	
180	26	4	0	0	5-spot	410	107	Prod	---	T	S Gas	12/10	37	6.5	19,078	19,078	1,147,659	378,926	7,464,413	
181	22	3	0	5	5-spot	469	119	Prod	---	T	S Gas	15/65	37	---	20,747	20,747	904,152	1,663,953	30,377,838	
182	19	13	0	0	Irreg.	0	5,900	Prod	---	U	Gas Exp	1/1	38	---	43,669	43,669	1,846,107	3,091,057	52,325,310	
183	6	0	0	0	5-spot	500	448	Prod + Arbuc	2,300	U	S Gas	5/34	34	---	69,366	60,000	---	287,000	4,323,379	
184	1	0	0	0	Line	150	271	Prod + Purchased	---	-	Grav	---	35	---	4,448	---	98,900	---	---	
185	---	---	---	---	---	---	---	Prod	---	-	Grav	---	---	---	9,926	---	---	---	---	*4133
186	1	0	0	0	Irreg.	150	400	Prod	---	T	Wat	1/20	34	---	3,000	2,000	15,000	3,000	15,000	
187	1	0	0	0	5-spot	300	924	Prod + Arbuc	2,440	U	S Gas	?	33	---	4,809	2,680	337,740	5,380	755,950	
188	0	0	0	1	5-spot†	120	0	Prod + Viola	2,600	U	S Gas	?	36	---	223	223	0	547	78,920	*Abnd 10/68; †Inverted
189	---	---	---	---	5-spot	80	100	Prod	---	T	Grav	---	35	---	---	---	5,000	0	5,000	
190	---	---	---	---	Irreg.	50	60	Prod	---	U	Grav	?	36	---	2,178	?	21,900	?	?	
191	1	0	0	0	Irreg.	50	60	Prod	---	U	Grav	10/90	34	---	2,148	1,500	21,900	?	?	
192	1	1	0	0	Irreg.	700	120	Prod + Douglas	600	T	S Gas	---	37	---	961	961	50,000	84,259	641,200	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
BUTLER Cont.																
193	El Dorado	Stelbar Oil Corp., Inc.	(W)Stone	3454	Stone	2-25-5E	80	---	Peru	2,150	20	5	0	0	0	1951
194	El Dorado	White & Ellis Drlg., Inc.	(D)Wilson	4099	Wilson	7-25-5E	40	0	Miss Chat	2,560	15	3	0	0	0	1954
195	El Dorado	R.J. Wixson, Estate	(D)Morgan	8319	Banks, Morgan	13-25-4E	180	0	Miss Chat	2,615	59	5	0	0	0	1960
196	Ferrell	Holly Resources Corp.	(W)Ferrell Lease	5287	Ferrell	21-28-8E	480	0	Miss	2,750	30	12	0	0	0	1955
197	Fox-Bush	H.H. Blair	(D)Naden	6254		13,14-29-5E	200	0	Bartl	2,802	12	6	0	0	0	1960
198	Fox-Bush	Eckland Drilling Co.	(D)*	5295	Kingsley, Kingsley B	24-28-5E	50	25	Bartl	2,765	7	4	2	0	0	1956
199	Fox-Bush	Earl Miller	(P)Speer & Bunnell	5496	Bunnell, Speer	26,27-28-5E	80	0	Bartl	2,780	25	2	1	0	0	1957
200	Fox-Bush	Morrison Producing Co.	(W)North Unit	1909		35,36-28-5E;1,2,11, 12,13-29-5E;18-29-6E	560	1,010	Bartl	2,800	5*	31	---	0	0	1947
201	Garden	Butler Development, Inc.	(W)Strait Unit	12556	Strait	32-26-5E	30	0	Miss	2,770	10	3	0	0	0	1966
202	Harlan	Adair Oil Company	(P)Harvey	10457	Harvey	26,35-23-4E	100	0	KC	2,140	7	4	0	0	0	1963
203	Hickory Creek	Catt Drilling Co., Inc.	(W)Hickory Creek	5621	Crowley A, Crowley B, Hammond, Hopkins	11,14-28-5E	80	120	Bartl	2,700	14	3	0	0	9	1955
204	Keighley	W.R. Gross	(D)Seward	1319	Seward	12-27-7E	50	0	Bartl	2,700	30	3	0	0	0	?
205	Keighley	Rex & Morris Drlg. Co.	(W)De Moss Unit	11136	De Moss, Farner, Sutter	5,7,8-28-7E	400	0	Bartl	2,650	40	12	7	0	0	1964
206	Kramer-Stern	Hammer & Maclean	(D)Leon Unit	13048	Holt, Poindexter, Sontag, Stern, Stern B, Tabing, Woolm	21,22-27-6E	320	0	Viola	3,006	12	16	0	0	0	1966
207	Leon	Hammer & Maclean	(D)Maclean Lease	13911	Maclean	17-27-6E	160	0	Viola	3,133	17	2	0	0	0	1968
208	Leon	Home-Stake Production Co.	(W)Leon Wfd Project	6758	Boellner, Sarah Clark "A", Getter, McNickles, Seglem Snodgrass, State Bank of Leon, Van Winkle "B", Van Winkle "C"	17,19,20-27-6E	500	0	Bartl	2,700	26	23	0	0	0	1963
209	Mt. Tabor	Stelbar Oil Corp., Inc.	(W)Stolebarger	5677	Howard, Mahlandt, Shawver, Spicer, Stolebarger	35,36-29-4E	440	---	Cattleman	2,750	10	5	0	0	0	1957
210	Muddy Creek	R.R. Abderhalden	(W)North Muddy Creek Wfd	6853	E. Fresh, C. Williams	7-29-5E	40	0	Bartl	2,730	13	3	0	0	0	1963
211	Muddy Creek	R.R. Abderhalden	(W)South Muddy Creek Wfd	6426		13-29-4E	40	5	Bartl	2,800	22	4	0	0	0	1962
212	Muddy Creek	W.R. Gross	(D)Stewart	6099	Stewart	6-29-5E	50	0	Bartl	2,700	12	4	0	0	0	1958
213	Muddy Creek	Stelbar Oil Corp., Inc.	(W)Muddy Creek Unit	7476	Elliott, Perisho	13-29-4E;7,18-29-5E	480	---	Cattleman	2,750	20	8	0	0	0	1960
214	Paulson	American Petrofina Company of Texas	(P)Paulson Field Wfd Station #1	11990	Busenitz, Guinty, Hinz, Scriver, Scully "AB", Webreck	13,23,24,26-23-3E	330	0	Miss	2,460	28	29	2	0	0	1965
215	Paulson	American Petrofina Company of Texas	(P)Paulson Field Wfd Station #2	13254	Paulson "A", Paulson "B", Paulson "C", Paulson "D", Paulson "E", Stephens, Wiebe	25,26,35,36-23-3E	350	0	Miss	2,460	28	16	0	0	0	1967
216	Potwin	Robert F. White	(D)Mulnix	11160	Mulnix	2-25-3E	30	0	Miss Chat	2,720	10	3	0	0	0	1964
217	Potwin	R.J. Wixson, Estate	(D)Joseph	8608	Busenitz, Joseph	3-25-3E	320	0	Miss	2,700	5	0	0	---	0	1967
218	Potwin	R.J. Wixson, Estate	(D)Ulmer	8391	R. Moore, Neiman, Ulmer	10-25-3E	200	0	Miss	2,700	5	7	0	0	0	1961
219	Reynolds-Schaffer	American Petrofina Company of Texas	(D)Brewer Wfd	9368	Brewer	33-26-6E	80	0	Miss	2,784	12	5	0	0	0	1962
220	Reynolds-Schaffer	Yuma Oil Company	(D)	4039	Doughty, Palmer	6-27-6E	40	?	Bartl	2,700	10	2	0	0	0	1955
221	Rosalia	O. A. Sutton	(P)Rosalia Project	12310 12229	Bell, Friesen, Gish, Merle, Roy, Zimmerman	11,12-25-7E	480	40	Squirrel	2,560	30	12	0	0	0	1965
222	Shinn	K.T. Wiedemann Trust	(W)Shinn Wfd	10166	Shinn	19-29-8E	120	0	Miss Dol	2,760	16	9	2	1	0	1963
223	Smock-Sluss	Bisagno Bros Inc. & Bisagno Six Oil Co. Inc.	(D)Bisagno Bros & Bisagno Six Inc.	2096	Bisagno Bros. & Bisagno Six Oil Co. Inc.	35-26-5E	90	10	Bartl	2,700	40	6	1	0	4	1950
224	Smock-Sluss	Bert I. Lebow	(P)Sluss	2915	Sluss A	26-26-5E	40	?	Bartl	2,760	30	1	0	0	0	1950
225	Smock-Sluss	J.E. Morris	(D)Knutson	13206	Irvine, Knutson	11-27-5E	320	0	Bartl	2,700	30	4	0	0	0	1967
226	Smock-Sluss	Skelly Oil Company	(W)Sluss Wfd	3509	Sluss "A", W.H. Sluss	25,26-26-5E	40	0	Bartl	2,710	40	1	2	0	0	1950
227	Snowden-McSweeney	Rex & Morris Drlg. Co.	(W)Snowden McSweeney	7251	Price, Smith, Wunsch	34-28-6E;8-29-6E	200	120	Bartl	2,838	45	8	0	0	3	1959
228	Snowden-McSweeney	Earl F. Wakefield	(D)Wakefield "Fee"	3430	Wakefield "Fee"	9-29-6E	200	0	Viola*	2,800	20	7	0	0	0	1960
229	Towanda	Kewanee Oil Company	(W)Rice-Wait	4029	Rice, Wait	5-26-4E	0	0	Viola*	2,445†	127†	0	0	0	0	1954
230	Wehrman	Petroleum, Inc.	(*)Wehrman Pilot Flood	13621	Wehrman	30-29-8E	160	---	Miss	2,818	32	2	0	0	0	1967
231	Young	Dunne Equities, Inc.	(D)Wilhite	1318		27-26-7E	80	0	KC	---	---	4	0	0	0	?
232	Young	Okmar Oil Company	(W)Young Co-op	4491 3258	A.R. Willhite, Willhite A & B, Young A, Young B, Young-Inger	27-26-7E	110	0	KC	2,140	37	7	0	0	0	1952
233	Young Southwest	Crowe Drlg. Co., Inc.	(P)PMA Ranch	12982	PMA Ranch	32-26-7E	80	0	Miss	---	8	5	---	0	0	---

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, cumulative, bbl	
193	1	0	0	0	Irreg.	600	180	Prod + Douglas	600	T	S Gas	---	37	---	7,604	7,604	50,000	307,810	1,197,250	
194	1	0	0	0	Irreg.	50	350	Prod	---	U	Wat	?	40	?	11,788	0	126,000	0	0	
195	1	0	0	0	?	0	30	Prod	---	-	Grav	50/30	--	40	4,699	0	12,450	427,461	109,350	
196	3	0	0	0	Irreg.	617	291	Prod	---	T	Wat	?	37	---	17,808	?	319,389	?	?	
197	5	0	0	0	Irreg.	0	30	Prod + Fresh	325	-	Grav	---	35	---	4,521	4,521	54,750	48,262	507,872	
198	1	0	0	0	Irreg.	0	300	Prod	---	U	Grav	---	38	60	1,164	1,164	109,500	140,200	1,387,000	Abandoned 12/68
199	1	0	0	0	Line	100	300	Prod	---	T	Grav	---	39	?	7,126	7,126	365,000	68,504	7,153,400	
200	24	12	0	0	5-spot	25	104	Prod + Wreford	330	T	S Gas	95/5	40	---	41,399	41,399	913,214	2,073,478	---	*55
201	1	0	0	0	---	0	150	Prod	---	U	Grav	1/10	35	---	5,235	---	---	---	---	
202	1	0	0	0	Irreg.	200	35	Prod	---	U	Wat	---	34	---	5,360	1,000	12,700	7,500	72,000	
203	3	10	0	0	5	800	100	Prod	---	T	S Gas	7/5	40	---	5,367	5,000	108,000	---	---	
204	1	0	0	0	Irreg.	0	150	Prod	---	U	?	?	37	?	2,817	2,817	54,750	79,861	608,650	
205	3	0	0	0	Irreg.	Grav.	185	Prod	---	U	S Gas	---	40	---	16,200	11,000	195,000	---	---	
206	4	0	0	0	Irreg.	0	181	Prod	---	U	Grav	60/40	34	---	35,256	8,350	242,303	8,615	395,671	
207	1	0	0	0	---	0	200	Prod	---	U	Grav	5/95	35	---	3,093	1,086	73,000	1,086	73,000	
208	19	0	0	2	5-spot	655	294	Prod + Arbuc	3,170	T	S Gas	?	39	---	89,646	89,646	1,991,513	780,479	8,546,090	
209	4	0	0	0	Line	600	75	Prod + Stalnaker	1,800	T	S Gas	---	38	---	5,035	5,035	63,000	117,306	1,031,000	
210	1	0	0	0	Irreg.	400	105	Prod + Douglas	560	T	S Gas	3/1	38	3	8,891	8,891	38,430	39,589	122,505	
211	1	1	0	0	Line	800	298	Prod + Douglas	800	T	S Gas	3/1	38	3	6,981	6,981	108,634	55,012	808,670	
212	1	0	0	0	Irreg.	0	40	KC	2,300	U	Gas Exp	?	36	?	1,120	1,120	14,600	36,695	325,750	
213	4	0	0	0	Line	600	175	Prod + Douglas	900	T	S Gas	---	39	---	21,363	21,363	200,000	210,585	1,964,869	
214	5	0	0	0	5-spot	466	293	Prod	---	T	S Gas	1/5	41	---	56,240	34,990	535,063	54,032	1,002,067	
215	8	0	0	0	5-spot	0-480	326	Prod	---	T	---	1/20	--	---	24,381	7,902	952,405	7,902	1,404,281	
216	1	0	0	0	Irreg.	Grav.	225	Prod	---	U	Wat*	20/80	41	?	6,000	4,000	75,000	7,000	215,000	*S Gas
217	1	0	0	0	5-spot	0	75	Prod	---	-	Grav	10/16	40	---	1,718	0	2,000	96,651	15,450	
218	1	0	0	0	3-spot	0	150	Prod	---	T	Grav	10/30	40	---	5,735	0	6,000	135,433	890,000	
219	1	0	0	0	Irreg.	Vac.	85	Prod	---	U	S Gas	?	34	---	6,245	800	31,071	2,116	124,834	
220	1	0	0	0	Irreg.	Vac.	50	Prod	---	U	Grav	5/95	35	---	7,908	3,954	18,250	?	?	
221	4	0	0	0	Irreg.	600	500	Prod	---	U	S Gas	80/20	40	?	116,080	25,000	730,000	45,000	1,150,000	
222	3	0	0	0	Irreg.	580	500	Prod + Stalnaker	1,750	T	Wat*	39/81	39	---	1,328,348	18,750	480,000	78,919	1,572,190	*Gas Exp
223	1	0	0	0	Peri.	Vac.	500	Prod	---	T	S Gas	10/1	37	---	10,888	8,166	150,000	?	375,000	
224	1	0	0	0	Irreg.	0	150	Prod	---	U	Comb.	?	37	?	5,200	?	50,000	?	1,000,000	
225	1	0	0	0	Irreg.	0	270	Prod	---	U	S Gas	3/20	39	---	8,350	---	97,200	---	---	
226	1	1	0	0	Irreg.	Vac.	379	Salt Sd	825	U	S Gas	?	39	?	2,613	2,613	69,075	150,253	2,702,056	*Sold 7/1/68
227	3	0	0	1	5-spot	100	60	Prod	---	U	S Gas	3/20	40	---	5,140	5,140	65,000	---	---	*7247; 3462
228	8	0	0	0	5-spot	78	135	Prod + Arbuc	3,300	T	S Gas	---	40	---	8,520	4,260	394,200	101,499	3,191,193	
229	4	1	0	0	Irreg.	111	945	Prod	---	U	Wat	?	38	?	82,293	0	1,090,280	0	10,756,603	*Simpson; †2,476; †98
230	1	0	0	0	Line	Vac.	36	Prod	---	T	Wat	3/35	--	---	1,708	0	13,236	0	28,239	*Disposal
231	1	1	0	0	Irreg.	200	---	Prod	---	U	Gas Exp	1/1	34	---	4,416	?	108,000	?	?	
232	3	0	0	0	---	400	287	Prod + Miss	2,700	U	S Gas	?	34	---	20,124	6,840	314,000	26,740	748,105	
233	1	0	0	---	Peri.	10	80	Prod	---	M	S Gas	---	--	---	---	?	900	---	---	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
BUTLER-COWLEY COUNTIES																
234	Fox-Bush	Stelbar Oil Corp., Inc.	(W)Brown Unit Shawver Atlanta Ranch	5547	Brown, Shawver Atlanta Ranch	36-29-5E;31-29-6E; 1-30-5E;6-30-6E	640	---	Bartl	2,800	30	6	1	0	0	1957
BUTLER-MARION COUNTIES																
235	Elbing	Bayes Oil Co.	(D)	6185	Doornbos, Hawk	33-22-4E;3-23-4E	50	0	KC	2,100	?	2	2	0	0	---
CHASE COUNTY																
236	Teeter	American Petrofina Company of Texas	(W)Browning "C" Wfd		Browning "C"	24-22-9E	30	0	Bartl	2,550	28	3	0	0	0	1966
237	Teeter	Sun Oil Company-DX Division	(D)Leedy	6331	Leedy	25-22-9E	240	0	Bartl	2,530	20	4	2	0	1	1960
CHASE-LYON COUNTIES																
238	Atyeo-Pixlee	E.W. Sauder	(P)Annie Hughes & H.W. Hughes Unit	519	Annie Hughes, H.W. Hughes	24-21-9E;19-21-10E	80	40	Bartl	2,200	25	6	0	6	2	1939
CHAUTAUQUA COUNTY																
239	Cloverdale	Olympic Petroleum Co.	(W)Cloverdale Field Unit	14002	Haden "G", J.H. Haden, Ruby Haden, R.O. Hawkins, Fred McConaghy	12,13,14-33-8E	243	0	Cattleman	2,030	15	11	0	0	0	1968
240	Frasier	Byron Oil Industries	(P)H. Davis Unit	12775	H. Davis	13-33-12E;18-33-13E	440	0	Weiser	1,115	25	4	0	0	0	1966
241	Hale-Inge	Hutton & Walters	(D)Vestal Lease	10303	Vestal	8-32-12E	30	0	New Albany	700	712	3	2	0	0	1963
242	Landon-Floyd	Patteson Bros.	(D)Shaffer Lease	9072	E.H. Adair, Harriet Shaffer	14-32-10E	---	---	Miss	1,950	8	5	---	0	0	1962
243	Leniton & Lowe	Charles J. Martin	(W)Staats	6721		21,22,27,28,29,32, 33-33-10E	40	0	Peru	1,300	20	4	0	0	0	1958
244	Niotaze	P.E. Steinberger & Sons	(P)Hyder, Guier, (D)Buckles-Stough	6476 2207	Buckles & Stough, Guier, Hyder	5-35-13E	250	0	Redd	700	15	20	2	0	0	1941
245	Oliver	Adair Oil Company	(P)McNee	11863	McNee, Oliver	2,3,10-32-10E	100	0	Miss	2,000	6	0	0	---	---	1965
246	Peru-Sedan	Burlington Oil Co.	(D)Henry Gardner		Henry Gardner	26-33-11E	160	0	Peru	1,100	25	5	1	---	---	1953
247	Peru-Sedan	Walter Darnall	(D)Paullus	10903	Paullus Heirs	6-35-12E	102	---	Peru	1,100	50	4	0	0	0	---
248	Peru-Sedan	Brooks Dickens	(P)Schoellkoph	62	Schoellkoph	27-33-11E	160	0	Peru	---	---	3	5	0	0	1957
249	Peru-Sedan	Bill D. Farris	(W)	10806	Pitts	29-33-12E	160	9	Peru	1,010	12	4	4	0	0	1968
250	Peru-Sedan	Bill D. Farris	(W)	10715	Logsdon	25,26,27,35-34-11E; 2-35-11E	230	0	Peru + Redd	1,232	6	4	4	0	0	1967
251	Peru-Sedan	Jones Bros. Oil Co.	(D)Clint Austin	6087	Austir	7-34-12E	117	---	Peru	925	18	6	0	0	0	1958
252	Peru-Sedan	Jones Bros. Oil	(D)Big Turner	6132	Big Turner	3-35-12E	320	---	Peru	960	15	2	---	0	0	1958
253	Peru-Sedan	Jones Bros. Oil Co.	(D)J.R. Chance- Bernard Blount	6170	Blount, Chance	34-34-12E	320	---	Peru	1,000	20	17	---	0	0	1958
254	Peru-Sedan	Jones Bros. Oil Co.	(D)C.W. Smith & George Lee	6133	Lee, Smith	12-35-11E	320	---	Peru	1,150	25	19	---	0	0	1958
255	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	58	Stafford	9-34-12E	90	0	Peru	1,027	35	9	5	2	1	1955
256	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	139	D.J. Moore	3-34-11E	35	0	Peru	1,073	16	8	6	---	1	1955
257	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	227	Brooks, Hazelton, Hills	28-34-12E	115	0	Peru	1,020	19	17	6	2	---	1955
258	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	289	Blundell, Spurlock	36-34-11E	25	0	Peru	1,159	26	3	6	0	0	1955
259	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	330 39	John Davis, Huffman "A", South Huffman, J.M. Paxton, W.A. Van Leuvan	14,15,16,22,23-34-11E	320	0	Peru	1,051	30	6	31	1	1	1955
260	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	388	Peru Farms, Swallow	31-33-12E;6-34-12E	350	0	Peru	980	38	28	20	2	2	1955
261	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	402	Bales, G. Bowen, I.J. Cleek, H.C. Ewers, A.L. Hartzell, R.M. Hartzell, William Neff, J. Rogers, E. Winchell	24-34-11E;13,20,29, 30,31-34-12E	640	0	Peru	1,055	15	50	28	1	4	1955
262	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	1473	J. Gregg, Wadsworth	15,22,23,27-33-11E	520	0	Peru	1,220	40	39	16	0	0	1955
263	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	5925 1029*	Alan Casement, Albert Casement, Charles Casement	29,32,33-33-11E;5- 34-11E	300	0	Peru	1,187	25	15	13	---	1	1955
264	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	7756 341	Chautauqua County Poor Farm, J.C. Conley, Michel DeArmond, Haney & Johnson, C.H. Ingle- field, M.T. Kiefer, J.A. Lowe, H.W. Moore, G.B. Oakes	10,15,22-34-12E	525	0	Peru	984	20	44	44	3	4	1955



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
234	3	0	0	1	Line	300	100	Prod + Stalnaker	1,700	T	S Gas	---	40	---	6,129	6,129	110,000	118,020	1,158,000	
235	2	0	0	0	---	0	50	Prod	2,100	U	Grav	---	32	60	1,817	909	54,600	8,000	182,060	
236	1	0	0	0	Peri.	0	218	Prod + Douglas	1,421	T	S Gas	1/1	40	---	10,909	10,861	79,708	10,816	132,770	
237	3	1	0	0	Irreg.	200*	585	Prod + Douglas	1,508	U	S Gas	---	42	3.4	17,539	17,539	646,811	81,387	1,622,902	*350
238	4	0	0	0	Irreg.	330	90	Prod + Douglas	1,005	T	Grav	80/20	39	---	76,000	15,000	130,000	164,000	1,325,000	
239	3	0	0	0	Line	598	388	Shallow	35	F	S Gas	78/22	39	3.5	33,537	25,651	388,903	25,651	388,903	
240	1	0	0	0	Irreg.	225	60	Prod	---	U	Gas Exp	70/30	32	?	1,950	0	21,600	0	48,100	
241	2	0	0	0	Irreg.	275	80	Prod	---	U	Grav	1/6	27	---	2,300	800	20,000	9,000	25,000	
242	---	---	0	0	Irreg.	0	400	---	---	-	Grav	1/10	30	---	10,041	1,000	146,000	1,000	816,000	
243	1	1	0	0	5-spot	400	65	Prod	---	U	Grav	10/90	30	---	2,956	0	24,000	0	369,000	
244	10	2	0	0	5-spot + Irreg.	100	5	Prod + Big Salt	350	U	S Gas + Gas Exp	1/0	34	2	3,910	3,910	15,000	94,000	355,000	
245	1	0	0	0	Irreg.	0	50	Prod	---	U	Wat	---	37	---	1,900	0	15,000	0	60,000	
246	2	0	0	0	Irreg.	Grav.	5	Prod	---	M	Grav	75/25	34	---	4,753	1,188	1,820	?	?	*36-01-28
247	1	0	0	0	Irreg.	0	50	Prod	---	U	Grav	---	36	---	1,483	1,483	18,250	?	?	
248	2	0	0	0	Irreg.	350	100	Prod + Big Salt	1,200	U	Grav	---	30	---	---	1,050	14,600	?	?	
249	1	1	0	0	5-spot	9	10	Prod	---	U	Wat	5/10	32	---	1,200	---	10	---	360	
250	1	0	0	0	5-spot	0	50	Prod	---	U	Wat	1/21	32	---	360	?	250	?	75,000	
251	1	0	0	0	Irreg.	100	15	Prod	---	U	Grav	1/5	33	---	686	---	5,000	---	---	
252	1	---	0	0	Irreg.	Grav.	5	Prod	---	U	Grav	1/5	33	---	80	---	1,000	---	---	
253	2	---	0	0	Irreg.	150	25	Prod	---	U	Grav	1/2	34	---	7,100	---	9,000	?	?	
254	2	---	0	0	Irreg.	350	40	Prod	---	U	Grav	1/3	32	---	9,820	---	25,000	---	---	
255	3	1	0	0	Irreg.	300	77	Prod + Salt Sand	450	U	S Gas	?	34	---	5,524	5,524	83,960	93,068	746,636	
256	1	3	---	---	Irreg.	300	49	Prod + Salt Sand	450	U	S Gas	?	32	---	2,602	2,602	17,728	21,261	60,005	
257	6	1	---	---	Irreg.	150	68	Prod + Salt Sand	450	U	S Gas	?	34	---	14,018	14,018	148,310	138,722	1,051,454	
258	1	3	---	---	Irreg.	Grav.	50	Prod + Salt Sand	450	U	S Gas	?	34	---	979	979	18,272	8,797	192,699	*15
259	3	5	---	---	Irreg.	Grav.	11	Prod + Salt Sand	450	U	S Gas	?	34	---	1,377	1,377	12,743	69,724	1,060,577	
260	3	2	0	0	Irreg.	266	63	Prod + Salt Sand	450	U	S Gas	?	33	---	9,803	9,803	69,543	103,307	569,603	
261	13	18	5	1	Irreg.	415	67	Prod + Salt Sand	450	U	S Gas	?	34	---	45,176	45,176	318,944	501,008	2,596,428	
262	5	25	0	0	Irreg.	230	61	Prod + Salt Sand	450	U	S Gas	?	32	---	9,662	9,662	111,532	136,909	1,274,754	*793; 426; 383
263	3	13	---	---	Irreg.	200	74	Prod + Salt Sand	450	U	S Gas	?	32	---	24,378	24,378	79,001	241,781	2,174,753	*442
264	8	16	---	---	Irreg.	278	76	Prod + Salt Sand	450	U	S Gas	?	34	---	23,242	23,242	221,341	472,068	2,651,251	

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
CHAUTAUQUA Cont.																
265	Peru-Sedan	Petroleum Enterprises, Inc.	(P)	6320	Alpine, Hill	22,27,28-34-12E	---	---	Peru	1,000	15	25	---	0	0	---
266	Peru-Sedan	Shannon Brothers	(D)Turner-Johnson	3933	Johnson, Turner	6,7-35-12E	80	40	Peru	1,180	40	1	0	0	0	1953
267	Peru-Sedan	Shannon Brothers	(W)Viola Stafford	5477	Viola Stafford	8-34-12E	160	40	Peru	1,000	20	5	0	0	0	1957
268	Peru-Sedan	Wayne Sleeth	(P)	4408	Peister	16-34-12E	15	5	Peru	945	20	2	0	0	1	?
269	Peru-Sedan	The Star Producers, Inc.	(W)Jobe Lease	7945	Jobe	8-34-12E	5	0	Weiser	1,000	12	0	---	0	0	1962
270	Peru-Sedan	G.B. Suppes	(*)Suppes-Fee Lease	3221	Suppes Fee	27-34-12E	160	80	Peru	---	23	12	---	0	0	1952
CLARK COUNTY																
271	Harper Ranch	Ashland Oil & Refining Co.	(W)Harper Ranch Unit*	8773	J.C. Harper, M.C. Harper	33,34-33-21W;3,4-34-21W	1,680	---	Morrow	5,400	10	---	---	---	---	1962
272	Harper Ranch	Union Oil Co. of Calif.	(W)Harper Unit	6764	J.C. Harper "A", K.C. Harper	2,11-34-21W	180	365	Morrow	5,450	9	6	1	0	0	1959
COFFEY COUNTY																
273	Dunaway	Vannocker & Aikman	(P)Isch Lease	11607	Isch	11-22-13E	20	80	Burgess	1,812	13	1	0	0	1	1965
274	Neosho Falls-LeRoy	Boden Oil Co.	(D)Boden Lease	11714	LeRoy Township, Spring Creek	35,36-22-16E	120	20	Peru	970	8	8	0	0	0	1963
275	Neosho Falls-LeRoy	Settles & Bartlett	(P)Rue-B-Lee #1	11619		35-22-16E	30	---	Squirrel	962	12	---	---	---	---	1965
276	Neosho Falls-LeRoy	Settles & Bartlett	(-)Rue-B-Lee #2	11074		12-23-16E	5	---	Squirrel	946	8	---	---	---	---	1965
277	Neosho Falls-LeRoy	White & Ellis Drlg., Inc.	(D)Pinon	12184	Pinon	1-23-16E	0	0	Squirrel	950	6	0	0	0	0	1965
278	Virgil North	French & Winterscheid, Inc.	(P)Kelly	199	Kelly	14-23-13E	30	20	Miss	1,800	6	10	1	0	0	1945
279	Virgil North	French Oil Company	(P)Olinger	5835*	Olinger	14-23-13E	80	0	Miss	1,800	5	6	0	0	0	1958
280	Winterschied	French Oil Company	(P)Pilcher	5633	Pilcher	16-23-14E	20	0	Miss	1,700	5	2	0	0	0	1955
281	Winterschied	The Vannocker Oil Company	(W)Scott-Wiley-Cochran Unit	13346	Cochran, Scott, Wiley	13,14-23-14E	60	0	Miss	1,586	12	6	0	0	0	1967
COFFEY-WOODSON COUNTIES																
282	Neosho Falls-LeRoy	Newland Oil Company	(W)Unit 13	2863	Maynard, Murray, Remlinger, Wolfe	13,24-23-16E	80	0	Squirrel	940	12	13	0	1	0	1952
283	Virgil North	Sun Oil Company-DX Division	(W)C. Bahr-J. Bahr Wfd	8745	C. Bahr, J. Bahr	14,23-23-13E	140	0	Miss	1,700	125	13	3	0	0	1961
284	Winterschied	The Vannocker Oil Company	(P)Vostrez-McCartney, Vostrez	13052	McCartney, Shotwell, Vostrez	14,23-23-14E	80	0	Miss	1,595	15	3	0	0	0	1964
COWLEY COUNTY																
285	Albright	Deck Oil Co.	(P)Albright	10481	Albright "A"	2-34-5E	10	---	Miss Chat	3,100	12	0	0	0	0	1964
286	Bernstorf	Gralapp & Everly	(-)Sontag-Bernstorf Unit	11121	Bernstorf, Sontag	33,34-31-4E;4-32-4E	130	---	Bartl	3,049	22	4	---	0	---	1964
287	Bernstorf	Earl F. Wakefield	(D)Bernstorf	11349	Bernstorf	4-32-4E	80	0	Bartl	3,025	10	2	0	0	0	1964
288	Biddle	Stewart Producers, Inc.	(W)Biddle-NW Unit	7358	DeFore-Roberts, Hawkins, Holt, Long "A", Long "B", Morris	36-31-4E;31-31-5E;1-32-4E;6-32-5E	320	180	Cattleman	2,900	18	10	3	0	5	1961
289	Bolack	Lewis Operating Corp.	(P)Bolack	9844	Bolack, Briscoe	20,21-32-6E	150	50	Cattleman	2,875	16	3	0	0	0	1963
290	Burden	Texaco Inc.	(W)Burden Unit	9533		13,20,23,30,31-31-6E	960	---	Bartl	2,950	30	16	6	0	0	1963
291	Burden	Wilson Drlg. Co.	(W)Keeseey-Blanchet	14526	Blanchet, Keeseey	17,20-31-6E	80	0	Bartl	2,880	30	1	---	0	0	1968
292	Canfield	Aylward Drilling Company	(P)Fussell Wfd	14142	Fussell, Pearson	14-34-3E	80	0	Lans-KC	2,839	6	3	0	0	0	1968
293	Combs	W.R. Gross	(P)Combs	4028	Combs	5-30-5E	40	0	Bartl	2,830	25	4	0	0	0	1967
294	Combs	Rex & Morris Drlg. Co.	(W)Graham Unit	11853	Graham, Saxton, Swain	5,7,8-30-5E	160	0	Bartl	2,875	25	2	0	0	0	1965
295	Countryman	Lester E. Cox Oil Interests		13736		33-32-7E;4-33-7E	380	---	Hoover	1,400	16	5	0	0	0	1967
296	David	Okmar Oil Company	(W)David Field	7245	Cloud, J. David, V.O. David, Hanna, Kelley, King B, G.E. Lewis	1,2,11,12-31-4E	360	440	Bartl	3,000	20	15	3	0	0	1959
297	David	Sohio Petroleum Company	(W)North David Unit	8007	David, Floyd, Hanlon, Wheeler	25,26,35-30-4E	273	---	Bartl	2,975	18	9	2	0	1	1960
298	Eastman	The Buckeye Corporation	(W)Eastman	5535	Eastman	6-31-6E	60	?	Bartl	2,816	62	1	0	0	0	?
299	Estes	The Buckeye Corporation	(W)Youle "A"	6936	Youle "A"	1-32-6E	?	?	Layton	2,189	56	5	0	0	1	?
300	Fra-Mar	Petroleum Management, Inc.	(W)Feaster, Johnson, Thomas & Johnson	13624	Feaster, Johnson, Thomas	22,27-30-4E	20	0	Bartl	2,852	15	1	0	0	0	1967

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
265	5	0	0	---	Irreg.	300	60	Prod	---	T	S Gas	---	34	---	8,660	---	89,000	---	---	
266	1	0	0	0	Irreg.	0	10	Prod	---	U	S Gas	1/3	35	?	1,847	500	3,600	5,900	20,800	
267	1	1	0	0	Irreg.	150	40	Prod	---	U	S Gas	1/2	34	?	4,503	2,500	15,000	17,500	78,000	
268	1	0	0	1	Irreg.	300	10	Prod	---	U	Grav	?	35	---	155	0	2,400	?	?	
269	0	0	0	1	3-spot	0	0	Big Salt Sand	700	-	Grav	9/1	30	---	766	383	6,480	0	20,500	
270	0	0	0	0	Irreg.	---	---	Prod	---	U	---	---	35	---	5,072	0	---	---	---	*SWD
271	1	4	0	---	Irreg.	600	20	Prod	---	T	S Gas	?	37	?	1,133	1,133	5,500	65,583	2,593,164	*Abandoned 9/68
272	2	3	0	0	Line	230	553	Prod + Surface	?	M	S Gas	12/1	39	3	34,935	29,155	407,278	449,308	3,930,909	
273	1	1	0	0	Line	350	150	Prod + Douglas	658	T	Grav	1/2	39	---	400	200	55,000	1,000	179,000	
274	1	0	0	0	Line	Grav.	25	Prod	---	U	Grav	90/10	26	?	2,400	1,200	12,000	1,200	12,000	
275	---	---	---	---	Irreg.	100	---	Prod + KC	180	T	---	---	26	---	6,935	6,935	13,681	32,725	75,924	
276	---	---	---	---	Line	280	---	Prod + KC	180	T	S Gas	---	26	---	1,460	1,460	7,339	6,185	31,579	
277	1	0	0	0	Irreg.	150	50	Prod + KC	350	U	S Gas	2/1	26	?	2,302	0	15,000	0	45,000	
278	1	0	0	0	Irreg.	90	350	Prod	---	T	Wat	45/55	38	---	7,709	5,781	99,000	117,000	---	
279	1	0	0	0	Irreg.	150	200	Prod	---	T	S Gas	44/56	36	---	5,341	2,670	60,000	27,600	710,000	*202
280	1	0	0	0	Irreg.	75	90	Prod	---	T	S Gas	48/52	36	---	1,397	1,397	12,000	36,000	312,000	
281	4	0	0	0	Peri.	400	65	Prod	---	T	Grav	1/5	39	---	6,280	2,500	95,000	4,125	132,000	
282	9	2	1	1	5-spot	300	20	Prod + KC	320	U	Grav	?	27	---	11,429	6,857	65,000	306,080	1,275,934	
283	8	2	0	0	Irreg.	Vac.	269	Prod	---	T	S Gas	---	35	5.4	22,156	22,156	788,475	144,936	8,600,975	
284	1	1	0	0	Peri.	250	55	Prod	---	T	Grav	1/4	39	---	3,020	1,000	21,000	2,867	114,275	
285	1	0	0	0	Irreg.	0	70	Prod	---	U	S Gas	1/1	39	---	8,424	0	20,100	0	85,300	
286	1	0	0	0	---	20	953	Prod + Stalnaker	1,899	-	---	---	43	---	6,972	6,972	346,940	44,529	971,619	
287	1	0	0	0	Irreg.	0	250	Prod + Bartl	3,025	U	S Gas	---	42	---	5,104	2,552	91,250	9,865	605,500	
288	4	8	0	5	Line	980	725	Prod + Stalnaker	1,000	U	S Gas	80/20	39	---	17,280	17,280	844,307	266,275	5,936,991	
289	2	1	0	0	Peri.	400	300	Prod + Layton	1,900	U	S Gas	5/2	40	8	23,101	23,101	314,267	289,369	2,234,751	
290	20	4	0	0	5-spot	900	600	Prod + Stalnaker	1,800	U	S Gas	17/7	38	---	188,561	188,561	4,426,264	---	18,719,610	
291	1	0	0	0	Line	0	200	Prod + Stalnaker	1,800	T	Grav	12/1	35	---	2,200	0	13,000	0	13,000	
292	1	0	0	0	Irreg.	200	40	Prod	---	T	S Gas	10/90	38	?	8,657	8,657	14,600	8,657	14,600	
293	1	0	0	0	5-spot	300	200	Prod	---	U	S Gas	---	40	?	12,325	12,325	73,000	24,657	159,359	
294	1	0	0	0	Irreg.	40	200	Prod	---	T	S Gas	3/11	40	---	9,150	---	80,000	---	---	
295	2	0	0	0	Peri.	350	1,344	Layton	2,112	U	S Gas	?	37	7	6,716	0	452,580	0	526,758	
296	17	3	0	0	5-spot	1,150	161	Prod + Layton	2,100	U	S Gas	?	40	---	24,860	24,860	995,708	1,881,431	19,588,673	
297	10	0	0	1	Irreg.	1,110	1,575	Prod + Stalnaker	1,950	T	S Gas	2/1	38	---	33,788	33,788	575,341	746,450	4,920,659	
298	1	0	0	0	Irreg.	0	80	Prod	---	U	S Gas	?	38	?	4,635	?	?	?	?	
299	1	0	0	0	Irreg.	0	200	Prod	---	U	S Gas	?	38	?	3,450	?	---	?	?	
300	1	0	0	0	Irreg.	0	120	Prod	---	U	S Gas	---	40	---	22,254	1,850	43,800	1,850	69,000	

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
COWLEY Cont.																
301	Frog Hollow	Phillips Petroleum Co.	(W)Lena	7136		17-32-5E	50	?	Bart1	3,035	25	4	0	0	0	1959
302	Geuda Springs	J.H. Wagner et al	(P)Wagner-Gibson	11995	Baird, Booton, Booton B, Musson, Teasdall	16,17,20-34-3E	40	?	Bart1	3,353	29	2	0	0	0	1965
303	Geuda Springs	Earl F. Wakefield	(D)Hower	3549	Hower	32-33-3E	40	0	Bart1	3,300	34	2	0	0	0	1954
304	Gibson	Aladdin Petroleum Corp.	(P)Baird	7357	Baird	29-34-3E	80	80	Bart1	3,340	30	7	0	0	0	1965
305	Gibson	Aladdin Petroleum Corp.	(P)Baird-Drennan	7357	Baird-Drennan	32-34-3E	160	0	Bart1	3,360	30	7	0	0	0	1955
306	Gibson	George R. McNeish Oil Operations	(W)Wilson	4538	Wilson	29-34-3E	40	10	Bart1	3,380	18	2	0	0	0	1959
307	Gibson	Texaco Inc.	(-)Gibson South Coop. Project	7170		32-34-3E	230	---	Bart1	3,480	17	8	5	0	0	1959
308	Graham	Crest Petroleum, Inc.	(W)Bradbury-Miller-Wright "A"	13495	Bradbury, Miller, Wright	10,15-33-3E	193	80	Miss Chert	3,250	30	12	0	0	0	1967
309	Graham	Earl F. Wakefield	(P)Boyles	8938	Boyles	11-33-3E	160	0	Bart1	3,275	15	5	0	0	0	1961
310	Harvey	Aylward Drilling Company	(D)Harvey Unit	4843	Harvey	23-34-3E	10	9	Bart1	3,278	20	1	0	0	0	1961
311	Harvey	George R. McNeish Oil Operations	(W)Snyder	4536	Snyder	15-34-3E	40	10	Bart1	3,270	18	3	0	0	0	1955
312	Larcom	Robert R. Boley	(P)Dunbar-McFarland	11472	Dunbar, McFarland	4-34-4E	120	0	Layton	2,300	6	2	0	0	0	1964
313	McKay	Robin Supply Corporation	(P)McKay-Gregory	5822	Gregory, McKay	17-35-4E	40	40	Bart1	3,400	10	2	0	0	4	?
314	Posey	Moran Oil Company	(W)Muret	10928	Muret	21-33-4E	160	0	Miss	3,160	15	3	0	0	0	1964
315	Rahn	Rance Arnold	(-)Jesse Rahn	3427	Jesse Rahn	13-34-5E	80	0	Bart1	2,900	20	2	0	0	0	1953
316	Rahn	Rance H. Arnold	(-)Rahn Unit	2844	D. Kavanaugh, W. Kavanaugh, George Rahn, Rowe, Thompson, M. Waldschmidt	12,13-34-5E;6,7-34-6E	200	0	Bart1	2,900	22	6	0	0	0	1952
317	Rahn	Jenkins-Ray Supply	(W)Rahn Unit #2	3313		14,22,23-34-5E	360	200	Bart1	2,800	18	2	0	0	0	1953
318	Rainbow Bend	George R. McNeish Oil Operations	(W)Rainbow Bend West Unit	7468	Hesket, Holman, Nelson	19-33-3E	130	20	Bart1	3,180	12	8	0	0	0	1960
319	Rainbow Bend	Mead Production Co.	(W)Rainbow Bend Hunt Unit	9696	Julia Hunt	16-33-3E	50	80	Bart1	3,200	20	2	0	0	0	1952
320	Rainbow Bend	S & G Oil Company, Inc.	(P)J.U. Hunt	6330	E.E. Hunt, J.U. Hunt	16,21-33-3E	365	0	Bart1	3,200	25	1	1	0	0	1957
321	Rainbow Bend	Sun Oil Company - DX Division	(W)Rainbow Bend Wfd	2999	T. Backus, W. Beebe, J. Glasgow, D & S Johnson, E & R Nelson, T. Snyder, A & H Thurlow, N. Wertman	17,20,21,29-33-3E	460	821	Bart1	3,200	30	2	0	0	0	1962
322	Rock	CRA, Inc.	(W)Rock Unit I	3376	Joslin "B", Wilson "A", Wilson "B"	11,12-30-4E	10	110	Bart1	2,800	15	1	0	0	0	1952
323	Rock	CRA, Inc.	(W)Rock Unit II	3382	Boeger, Boeger "A", Davis, Joslin "A", Mabry	21-30-4E	360	0	Bart1	2,800	20	4	0	0	0	1953
324	Rock	CRA, Inc.	(W)Rock Unit III	4381	Dickinson, Morton, Mueller, Phelps, Sims, Woner, Youle	20,29,30,31,32-30-4E	170	0	Bart1	2,800	17	4	1	0	1	1955
325	Rock	Stelbar Oil Corp., Inc.	(W)Clark-Donovan	5280	Clark, Donovan	31-30-4E	240	---	Cattleman	2,750	20	3	0	0	0	1956
326	Rock	Stelbar Oil Corp., Inc.	(W)Graham	5820	Graham	6,7-31-4E	240	0	Cattleman	2,800	20	2	0	0	1	1958
327	Rock	Stelbar Oil Corp., Inc.	(W)Olson Unit	734	Fletcher, Frier, Olson	12,13-31-3E	160	---	Cattleman	2,750	2	4	1	0	0	1961
328	Rock	Stelbar Oil Corp., Inc.	(W)Rock North Unit	12366	Daves, Davis, Hornaday, Shawver	2,3,9,10-30-4E	680	0	Cattleman	2,800	20	19	0	0	0	1960
329	School Creek North	Helmerich & Payne, Inc.	(W)Barger Lease	6985	Barger	3-32-7E	70	10	Layton	2,150	50	7	1	0	0	1959
330	School Creek North	Petroleum Enterprises, Inc.	(P)Beamer, Davis, Miller	6951	Beamer, Davis, Miller	10,11-32-7E	60	---	Layton	2,230	10	12	---	1	---	1963
331	Shannon	Lewis Operating Corp.	(P)Shannon Unit	9056	Bogner Estate, Devore, C. Evans, C. Evans "A", Mary & P.C. Moore, P.L. Moore, F.J. Nelson, et al, Ray Ore, Peck Estate, B.L. Rising, C.A. Rising, et al, A.B. Shannon, F.R. Shannon "A", F.R. Shannon "B", Stabeck	23,24,25,26,27,35-31-5E	1,100	600	Layton "A"	2,360	11	33	18	0	0	1962
332	Smith	Brunson-Spines	(W)Smith Wfd Project	12927	Hann, Hann "B", Holtje, Huggins, Mowder	10,15-31-3E	120	0	Bart1	3,000	16	6	0	1	0	1966
333	Trees	Lewis Operating Corp.	(W)Trees Field Unit	10811		19,30-30-4E	200	50	Bart1	2,860	12	7	2	0	0	1964
334	Werner	E.T. Lindsay	(W)Feaster Unit	8340	Cranston, Feaster, Kadau, Wahlenmaier	30-32-6E	240	40	Layton	2,240	7	8	1	0	0	1961
335	Windsor & Windsor Southwest	Gralapp & Everly	(W)Windsor Pool Unit	13105	Hough, Jarvis "A", Jarvis "B", Jarvis "D", Jarvis "E", Jarvis "F"	31-31-8E;6,7-32-8E	360	0	Layton	1,927	15	13	4	0	0	1967
336	Winfield	H.H. Blair	(D)Lorton	8785	Lorton	25-32-4E	160	---	Layton	2,800	20	4	0	0	0	1961

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
301	1	0	0	0	5-spot	0	176	Prod	---	U	Wat*	5/28	41	5	6,175	6,175	64,308	59,862	407,235	*S Gas
302	2	0	0	0	Irreg.	0	100	Prod + Fresh	73	F	S Gas	25/75	38	?	13,258	500	93,840	3,450	393,939	
303	2	0	0	0	Irreg.	0	400	Prod + Bartl	3,300	T	S Gas	---	38	---	1,797	899	292,000	57,782	1,163,000	
304	5	0	0	0	Irreg.	250	275	Prod + Stalnaker	2,300	T	S Gas	---	39	?	2,295	2,295	529,725	450,928	4,779,882	
305	10	0	0	0	Irreg.	200	300	Prod + Stalnaker	2,300	T	S Gas	---	39	---	12,485	12,485	---	963,023	6,506,822	
306	2	0	0	0	5-spot	150	345	Prod + Layton	2,800	T	S Gas	---	40	---	4,807	4,807	124,320	89,061	1,263,797	
307	3	8	0	0	5-spot	300	325	Prod + Stalnaker	---	U	S Gas	9/20	37	---	16,509	16,509	356,584	---	7,794,939	
308	4	0	0	0	Line	Vac.	100	Prod + Stalnaker	2,190	T	S Gas	40/56	41	---	33,160	14,413	209,008	14,413	245,656	
309	1	0	0	0	Irreg.	0	300	Prod + Bartl	3,275	U	S Gas	---	40	---	8,885	2,221	109,500	36,189	759,500	
310	1	0	0	0	Irreg.	Grav.	120	Prod	---	T	Grav	---	37	?	2,787	2,787	43,800	18,290	378,740	
311	1	0	0	0	Irreg.	544	67	Arkansas River Underflow	8	F	S Gas	---	40	---	4,824	4,824	24,588	125,882	1,055,315	
312	1	0	0	0	Irreg.	0	600	Prod	---	U	Wat*	?	39	?	8,761	?	?	?	25,000	*S Gas
313	1	2	0	0	Irreg.	---	---	Prod + Layton	2,800	U	S Gas	---	39	---	2,880	2,880	101,105	244,886	?	*5818
314	1	0	0	0	Irreg.	100	250	Prod	---	U	S Gas	---	42	---	10,030	10,030	91,250	35,799	292,491	
315	2	1	0	1	Irreg.	10	500	Prod + Elgin Sand	1,230	U	S Gas	?	37	---	2,500	2,500	175,000	?	?	
316	3	3	0	1	Irreg.	20	396	Prod + Elgin Sand	1,220	U	S Gas	?	37	---	12,268	12,268	427,771	606,420	8,521,162	
317	2	0	0	0	Line	150	175	Prod	---	U	Gas Exp	---	--	?	1,709	1,709	55,000	?	?	
318	4	1	0	0	Peri.	153	194	Prod + Arkansas River Underflow	16	F	S Gas	---	40	---	15,916	15,916	284,110	182,381	2,330,185	
319	1	1	0	0	Irreg.	0	140	Prod	---	U	Wat + S Gas	60/40	41	?	6,073	6,073	51,900	268,415	1,776,400	
320	1	1	0	0	Irreg.	150	1,100	Prod	---	-	Wat	?	40	?	8,775	8,775	401,500	309,898	2,454,578	*2918
321	4	0	0	0	Irreg.	480	726	Prod	---	T	Wat	1/15	40	2.1	10,570	10,570	264,910	1,365,417	28,793,133	
322	1	0	0	0	Line	0	14	Prod	---	U	S Gas	1/0	37	?	1,742	1,742	5,081	32,053	397,117	
323	3	2	0	2	Line	600	175	Prod	---	U	S Gas	57/7	37	?	6,780	6,780	203,324	730,507	7,238,785	
324	2	1	0	1	Line	400	70	Prod + Stalnaker	1,911	U	S Gas	17/8	38	?	6,526	6,526	121,573	648,264	4,546,371	
325	3	0	0	0	Line	700	200	Prod + Stalnaker	1,850	T	S Gas	---	39	---	10,088	10,088	150,000	219,357	1,630,825	
326	2	2	0	0	---	700	200	Prod + Stalnaker	1,900	T	S Gas	---	39	---	1,975	1,975	100,000	207,690	1,444,657	
327	4	1	0	0	Line	700	100	Prod + Stalnaker	1,850	T	S Gas	---	39	---	10,892	10,892	100,000	319,797	1,171,211	
328	10	0	0	0	Line	200	130	Prod + Stalnaker	1,800	T	S Gas	---	39	---	96,809	96,809	895,485	140,056	1,409,977	
329	4	1	0	0	Peri.	200	200	Prod + Stalnaker	1,730	U	S Gas	82/94	40	?	10,936	10,936	283,423	110,798	2,666,288	
330	3	---	---	---	Irreg.	250	500	Prod	1,670	U	S Gas	---	40	---	32,919	---	339,395	---	---	
331	7	0	0	0	Peri.	400	576	Prod + Stalnaker	1,950	T	S Gas	5/1	42	4.3	345,200	325,000	1,472,935	3,269,607	12,478,634	
332	4	0	0	0	Irreg.	1,100	353	Prod + Stalnaker	2,150	U	S Gas	9/60	37	?	90,377	90,377	516,465	151,919	1,128,499	
333	4	0	0	0	Irreg.	900	150	Prod + Ground	32	M	S Gas	10/1	40	6	13,928	13,928	218,372	54,294	898,620	
334	2	0	0	0	Irreg.	Grav.	40	Prod + KC	2,450	T	S Gas	?	37	---	14,350	800	14,600	1,500	188,055	
335	9	0	0	0	Peri.	---	220	Prod + Stalnaker	1,648	M	---	5/95	--	?	39,617	32,089	721,683	40,805	1,258,349	
336	4	0	0	0	Irreg.	0	100	Prod	---	-	---	---	35	---	4,659	4,659	146,000	431,781	937,745	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
COWLEY Cont.																
337	Winfield	Gulf Oil Corporation	(D)Mary Shannon	1857	Mary Shannon	24-32-4E	30	0	Bartl	2,980	38	---	---	---	---	1948
338	Winfield	Producers Petroleum, Inc.	(W)Kukuk Unit	7587	Bartlow, Detmer, Kukuk N, Kukuk S, Wallace	24-32-4E;19-32-5E	40	10	Bartl	3,000	50	2	2	0	0	1948
339	Winfield	Earl F. Wakefield	(D)B.G. Thirsk	9975	B.G. Thirsk	26-32-4E	80	0	Bartl	2,900	7	7	0	0	0	1963
CRAWFORD COUNTY																
340	Farlington	Walter Duncan	(W)Burge	11453	Burge	2-28-23E	85	0	Peru + Miss	175	20	31	1	0	0	1965
341	Farlington	E.J. Dunigan, Jr.	(W)Mitchell-Mein	11734	Mitchell	2-28-23E	15	0	Peru	195	16	7	0	0	0	1965
342	Farlington	Wel-Kan Oil Company	(W)Holtman	9856	Esther M. Holtman	2-28-23E	60	0	Peru	160	20	20	0	0	0	1962
343	Hepler	Waldo Huning	(W)Elmer	9138		30-27-22E	6	---	Bartl	585	10	10	0	0	0	1962
344	Walnut Southeast	Fultz & Moore	(W)Phillips	4926	Phillips	28-28-22E	160	0	Bartl	360	20	12	0	---	0	1965
345	Walnut Southeast	Russell Fultz	(W)Wintjen	7487	Wintjen	27-28-22E	40	0	Bartl	390	15	7	7	---	---	1968
346	Walnut Southeast	General American Oil Company of Texas	(W)Walnut Wfd	3105	Engel, Mein	27,28-28-22E	200	0	Bartl	370	12	39	2	0	0	1959
DECATUR COUNTY																
347	Decatur Center	Halliburton Oil Producing Company	(P)Harmon	10845	Harmon	21-3-28W	40	?	Lans-KC	3,744	30	2	0	0	0	1964
348	Feely	Continental Oil Company	(W)Feely LKC Wfd	9859	C.E. Feely, R. Koerperich	2,11-5-27W	64	0	Lans-KC	3,600	10	1	3	0	0	1963
349	Jennings	Texaco Inc.	(W)Jennings Unit	8190		25,36-4-27W	640	---	Howard*	3,175 <sup>+</sup>	9	11	1	0	0	1961
350	Pollnow	Rocket-Schusterman Oil Account	(W)Pollnow Unit	7653	Pollnow Unit	3,4,5,8,9-3-29W	740	400	Lans-KC	3,740	4	7	0	0	0	1960
351	Vavroch	Halliburton Oil Producing Company	(W)Vavroch	13755	Vavroch	33-3-28W;4-4-28W	160	0	Lans-KC	3,808	25	4	0	0	0	1968
352	Warner	Cities Service Oil Company	(W)Warner Unit	12401	Warner Unit	1,2,11,12-1-27W	220	0	Lans-KC	3,226	12	11	0	0	0	1966
DOUGLAS COUNTY																
353	Baldwin	The Dow Chemical Company Brazos Division	(W)Baldwin Unit	12705	East Bell, Mary Bell, West Bell, Henry, Johnson	1,2-15-20E	161	0	Squirrel	850	16	15	4	0	0	1966
354	Baldwin	Russell Hays	(D)Smith-Danley	6934		9-15-20E	8	0	Squirrel	830	10	2	0	0	0	1959
DOUGLAS-FRANKLIN COUNTIES																
355	Baldwin	Sohio Petroleum Company	(W)Baldwin	8295	Bell, Broers, N. Finnerty, S. Finnerty, Higbie, Williams	14,23,24-15-20E	205	0	Squirrel	780	25	26	7	0	0	1964
EDWARDS COUNTY																
356	Enlow	Messman-Rinehart Oil Co.	(D)Enlow Unit	5006	Enlow	9-24-16W	40	0	Lans-KC	3,740	6	1	0	0	0	1956
357	Enlow	Messman-Rinehart Oil Co.	(D)Hahn Unit	6178	Hahn	4-24-16W	100	0	Lans-KC	3,740	6	2	0	0	0	1958
358	Wil	Leben Drilling, Inc.	(D)English	11226	English	28-25-16W	160	160	Miss	4,416	---	1	0	0	0	1962
359	Wil	Leben Drilling, Inc.	(D)Wilson	12538	Russell, Wilson	26-25-16W	?	320	Miss Congl	4,360	20	0	0	0	4	1967
360	Wil	Nat. Coop. Ref. Assn	(W)Rex Cudney	13809	Rex Cudney	27-25-16W	30	0	Cherokee	4,340	24	5	0	0	0	1967
ELK COUNTY																
361	Arbuckle	A. Dale Arbuckle	(D)	11138	Neubecker	19-31-9E	78	?	Arbuc	2,550	?	3	1	0	2	1967
362	Bush-Denton	Perkins Oil Company	(D)	5118	Hyde, Kyser "A", Kyser "B"	9,10-30-9E	160	0	Miss	2,385	10	4	1	2	---	1956
363	Dunkleberger	C E G Oil Co.	(W)Dunkleberger	2730	Dunkleberger	34-29-10E	70	0	Red Sand	1,295	25	9	0	0	2	1946
364	Hale-Inge	Sanders-Thoureen, Inc.	(W)Inge Wfd	13888	Burford, Clymer, Frankson, Guthrie, Howell, Inge, Mustoe, Vestal	26,27,34,35-31-12E	57	0	Stray	660	10	10	0	1	0	1967
365	Key	W.N. Huffine	(D)Key	11830	E.O. Spease	25-31-10E	?	0	Peru	1,540	40	0	1	1	0	1965
366	Moline	International Oil Corp., Inc.	(W)Moline	10390	J. Eyman, M. Eyman, Smith	9,10-31-10E	140	30	Miss Dol	1,995	20	4	0	0	3	1963
367	New Albany	Janney Drilling Co.	(W)Pickell Unit	9793	Pickell	34-28-13E	60	0	New Albany	575	15	4	0	0	1	1962
368	New Albany	Janney Drilling Co.	(P)Pickell Unit	11625	Manderscheid	4-29-13E	20	0	New Albany	625	15	2	2	0	0	1967
369	Preston	Criger Oil Co.	(-)	11877		12-30-9E	30	---	Miss	2,250	12	0	0	0	1	1966
370	Shrader	Aladdin Petroleum Corp.	(P)Shrader	11214	Shrader	12-31-8E	160	0	KC	1,654	40	6	0	0	0	1963
371	Webb	W.R. Gross	(D)Webb-Leffingwell Unit	10655 2760	Leffingwell, Webb	14-31-10E	---	0	KC-Oswego- Miss*	1,350 1,600	15	4	9	0	4	1968

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
337	1	0	0	0	Line	0	0	Prod	---	U	S Gas	20/58	41	---	4,327	0	11,038	20,000	696,900	
338	1	0	0	0	5-spot	100	210	Prod + Layton	2,230	U	S Gas	1/5	40	?	7,435	0	77,000	?	3,052,000	
339	1	0	0	0	Peri.	20	165	Prod + Stalnaker	1,925	U	Wat	---	40	---	5,476	1,369	60,225	11,181	457,450	
340	25	0	0	0	5-spot	162	12	Prod + Miss	628	F	S Gas	---	32	19	13,254	13,254	120,135	56,452	482,008	
341	4	0	0	0	5-spot	185	32	Miss	600	M	S Gas	---	29	?	2,289	2,289	47,140	11,951	146,580	
342	18	0	0	0	5-spot	175	15	Prod + Burgess	610	F	Comb.	---	31	?	11,674	10,000	110,000	80,235	562,800	*18.9 @ 62°
343	3	0	0	0	Irreg.	475	45	Prod + Ft. Scott	300	M	Grav	98/2	26	---	3,000	2,500	50,000	21,300	262,000	
344	12	0	0	0	3-spot	320	10	Prod + Arbuc	1,000	M	Grav	1/1	28	?	3,000	750	4,000	?	?	
345	4	3	0	0	5-spot	320	3	Arbuc	370	U	Gas Exp	---	28	?	900	0	1,440	0	1,440	
346	62	0	0	0	7-spot	350	7	Prod + Arbuc	940	M	S Gas	---	28	38	10,843	10,843	143,169	156,411	1,954,159	
347	1	0	0	0	Irreg.	980	124	Prod	---	T	S Gas	12/6	36	?	12,940	0	45,300	0	172,782	*16.7 @ 40°
348	2	0	0	0	Line	0	280	Prod + Water Sand	175	M	S Gas	?	35	---	7,744	7,744	98,063	108,667	789,845	
349	7	0	0	0	Peri.	940	400	Prod + Cedar Hills	1,680	T	S Gas	2/7	37	---	50,476	38,984	1,011,480	5,466,199	---	*Lans; †3,500
350	1	1	0	0	Irreg.	0	---	Prod + Dakota	1,425	U	.	---	38	---	21,532	21,532	250,000	266,521	1,627,676	*Liquid expansion
351	1	0	0	0	Line	1,200	852	Cedar Hills	2,120	U	S Gas	80/20	36	?	95,848	7,500	284,546	7,500	284,546	*16.7 @ 40°
352	8	0	1	0	Irreg.	925	180	Prod + Cheyenne	1,265	U	S Gas	97/60	34	?	45,151	34,670	386,334	69,297	881,620	
353	10	0	1	0	Line	430	46	Prod + Roubidoux	2,020	T	S Gas	41/59	25	?	3,425	3,425	157,726	13,648	475,740	*120 @ 75°
354	1	0	0	0	Irreg.	Grav.	15	Prod	---	U	S Gas	---	27	---	1,650	500	3,500	3,000	50,000	
355	20	3	0	0	Line	550	64	KC	60	F	S Gas	1/0	24	26	36,895	36,895	470,484	189,157	2,353,049	
356	1	0	0	0	Irreg.	0	100	Prod	---	U	Wat	---	31	?	392	392	33,000	5,780	945,189	
357	1	0	0	0	Irreg.	0	80	Prod	---	U	Wat	?	31	?	3,730	2,100	52,800	46,976	985,413	
358	1	0	0	0	Irreg.	Vac.	10	Prod	---	U	S Gas	?	?	?	730	0	3,650	?	?	
359	1	0	0	0	Irreg.	Vac.	100	Prod	---	U	---	1/1	34	?	5,642	0	5,700	0	7,950	
360	1	0	0	0	Irreg.	530	525	Prod + Gravel Bed	60	M	S Gas	50/29	36	?	13,321	1,440	191,698	1,440	204,726	
361	1	1	2	0	Line	350	200	Prod	---	T	Wat	?	36	---	1,200	0	36,000	0	36,000	
362	1	0	1	0	Irreg.	0	200	Prod	---	U	Grav	60/40	36	?	16,876	2,000	73,000	26,000	949,000	
363	8	0	0	0	5-spot	500	42	Prod + KC	1,200	U	S Gas	---	35	---	7,106	6,000	123,537	360,994	2,068,381	
364	12	0	0	0	5-spot	600	60	Prod + Salt Sand	445	U	S Gas	4/10	33	?	5,273	4,770	174,424	4,770	175,644	*20 @ 77°
365	1	0	0	0	Irreg.	25	60	Prod + Arbuc*	2,256†	T	S Gas	?	30	---	0	0	5,000	0	20,000	*Ft. Scott; †1,670
366	1	1	0	0	Peri.	100	1,000	Prod	---	U	Wat + S Gas	?	33	?	3,365	3,365	117,000	50,460	1,484,000	
367	2	0	0	0	Irreg.	325	30	Prod	---	T	Grav	10/90	32	---	612	306	4,000	7,312	69,000	
368	1	0	0	0	Irreg.	125	10	Prod	---	T	Wat	30/70	31	---	265	0	---	619	2,000	
369	1	1	0	0	Line	0	300	Prod	---	U	Wat	10/90	32	---	26,825	0	109,000	0	109,000	
370	1	1	0	0	Irreg.	200	275	Prod	---	U	S Gas	---	35	?	12,175	100	98,587	54,001	496,467	
371	1	0	0	0	Irreg.	0	150	Prod	---	U	Grav	---	33	?	17,817	?	127,750	?	127,750	*1,950

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
ELLIS COUNTY																
372	Air Base	American Petrofina Company of Texas	(D)Braun "D" Lease	12516	Braun "D"	34-12-16W	40	0	Penn Congl	3,459	7	1	0	0	0	1966
373	Air Base	American Petrofina Company of Texas	(W)Pratt Airbase Lease	9795	Pratt Airbase	27-13-16W	110	0	Gorham	3,464	15	6	7	0	0	1966
374	Beeching	Morgenstern Oil Operations	(W)Beeching Wfd Unit	12629	Beeching, Daisy, Gorham, Sarah	34,35-15-16W	---	---	Lans-KC	3,330	15	3	0	0	0	1966
375	Bemis-Shutts	Gulf Oil Corporation	(W)Pearl	11239	Pearl	13-11-17W	80	0	Lans-KC	3,068	---	2	0	0	0	1964
376	Bemis-Shutts	Lario Oil & Gas Company	(P)Henderson E	12116	Henderson E	22-11-18W	80	0	Topeka*	3,100†	?	4	0	0	0	1965
377	Bemis-Shutts	Lario Oil & Gas Company	(P)Henderson E	12788	Henderson A, Henderson E	22-11-18W	160	0	Arbuc	3,520	?	2	0	0	0	1966
378	Bemis-Shutts	Mallonee-Mahoney, Inc.	(W)Windholz Lease	7923	Hall "A", Windholz "A", Windholz "B"	2,3-12-17W	90	0	Arbuc	3,600	50	2	0	0	0	1960
379	Bemis-Shutts	Okmar Oil Company	(W)Lynn-Henderson	12976	Henderson, Lynn A, Lynn B, Lynn C, Lynn D, Lynn E	22,23-11-18W	400	0	Lans-KC	3,350	5	2	0	0	0	1966
380	Bemis-Shutts	Okmar Oil Company	(W)Thurston	13542	Thurston	18-11-16W	40	0	Lans-KC	3,040	5	1	1	0	0	1967
381	Bemis-Shutts	Petroleum, Inc.	(W)Bemis-Shutts LKC	14315	Jensen "C", Reeder, Truan "A"	22,27-12-18W	200	---	Lans-KC	3,404	7	5	1	0	0	1968
382	Bemis-Shutts	Shade & Berry	(D)	12769		15-11-18W	40	0	Lans-KC	3,132	10	3	---	0	0	1966
383	Bemis-Shutts	Sierra Petroleum Co., Inc	(W)Schmeidler "E"	11621	Schmeidler "E"	8-12-17W	160	0	KC + Arbuc	3,340*	224†	2	0	0	0	1965
384	Bemis-Shutts	Sohio Petroleum Company	(W)Bemis "A"	14170	Bemis A	16-11-17W	18	---	Topeka	2,963	12	2	0	0	0	1968
385	Bemis-Shutts	Sohio Petroleum Company	(W)Bemis "B"	14169	Bemis "B"	15-11-17W	12	---	Topeka	2,990	12	2	0	0	0	1968
386	Bemis-Shutts	Tenneco Oil Company	(W)Frank S. Wasinger Unit	10120	Frank S. Wasinger Unit	21-11-18W	160	120	Lans-KC	3,320	6	8	0	0	0	1963
387	Bemis-Shutts	Texaco Inc.	(W)Opdyke "A"	8552	Opdyke "A"	15-11-18W	---	2	Lans	3,170	4	4	0	0	0	1961
388	Catherine	Kewanee Oil Company	(W)Catherine Unit	11933		10,11-13-17W	190	0	KC	3,250	210	9	1	0	0	1966
389	Catherine Northwest	M.J. Bove Operating Co.	(W)Walter-Wolfe Unit	7733	Walter, Wolfe	4-13-17W	40	80	Lans-KC	3,242	6	1	0	0	0	1960
390	Catherine Northwest	Texaco Inc.	(W)M. Wolfe "A" O/A	10619	M. Wolf	4-13-17W	70	---	Lans	3,350	---	2	0	0	0	1964
391	Catherine South	Texaco Inc.	(W)L.J. Dreiling "E"	10574	L.J. Dreiling "E"	22-13-17W	100	---	Arbuc	3,550	---	6	0	0	0	1964
392	Cromb	The Shallow Water Refining Company	(P)Zachman	5605	Zachman	15-11-20W	160	0	Lans-KC	3,554	8	3	1	0	0	1957
393	Dechant	Nat. Coop. Ref. Assn	(W)Dechant	13603	Dechant	6-15-18W	20	0	Lans	3,404	5	1	0	0	0	1967
394	Dreiling Southeast	Marvin D. Goetz	(D)Heyl Lease	6221	Heyl	26-14-16W	40	0	KC + Arbuc	3,060*	15	2	0	0	0	1958
395	Eagle Creek	Veeder Supply & Development Company	(W)Eagle Creek Unit	13073	Eagle Creek Unit	2,10,11-11-20W	135	0	Toronto + Lans-KC	3,270	25	4	0	0	0	1967
396	Emmeram	CRA, Inc.	(D)Froelich	7142	Froelich "A"	4-13-16W	---	---	Lans-KC	3,200	22	---	---	0	---	1959
397	Emmeram Northeast	Kewanee Oil Company	(D)Froelich E & F & Sitz	11769		27,34-12-16W	160	20	KC	3,270	4	2	1	0	0	1961
398	Fairport	Solar Oil Company	(W)Katie Austin Brungardt et al	5267	Wieland "C"	36-12-16W	130	0	Lans-KC + Dodge	3,000	90	8	0	1	0	1957
399	Fairport	Solar Oil Company	(W)Schmitt A & B	14251	Schmitt A, Schmitt B	1,12-13-16W	90	0	Lans-KC	3,050	20	4	0	0	0	1961
400	Fairport	Solar Oil Company	(W)Wieland "B"	10416	Wieland "B"	1-13-16W	70	0	Lans-KC	3,050	30	7	0	0	0	1963
401	Gatschet	Martin & Keller	(W)Gatschet Flood	14253	Gatschet, Sack	13-13-19W	320	0	Toronto*	3,332†	6	6	0	0	0	1968
402	Irvin	Lario Oil & Gas Company	(P)Younger	13890	Younger	25-13-20W	120	0	Lans-KC	3,652	8	2	0	0	0	1967
403	Leiker East	Kewanee Oil Company	(W)Leiker-Herl	13599	Herl, Leiker	13-15-18W	210	0	KC	3,304	29	0	0	0	0	1967
404	Leiker Southeast	Aylward Drilling Company	(W)Witt-Graf	13651	Graf	14-15-18W	0	0	Lans	3,450	10	0	3	2	0	1967
405	Leiker Southeast	Baruch-Foster Corporation	(W)Witt Lease	13651	Witt	14-15-18W	50	20	Lans	3,450	4	4	0	0	0	1967
406	Lieb East	Chief Drilling Co., Inc.	(W)Lundy	13535	Lundy	16-11-16W	120	---	Lans-KC	---	---	3	0	0	0	1967
407	Lieb East	Shields Oil Producers, Inc.	(W)Craig-Lundy Wfd	13428	Craig, Lundy	16-11-16W	160	0	Lans-KC	3,000	?	3	0	0	0	1967
408	Meistrell Southwest	Petroleum, Inc.	(W)Meistrell L-KC	14316	Meistrell "D", O'Brien "B"	9-11-18W	160	---	Lans-KC*	3,262	---	3	0	0	0	1968
409	Mixer	Murfin Drilling Co.	(P)Mixer Repressuring Project	13093	Mixer "C"	7-11-20W	60	0	Lans-KC	3,372	19	1	0	0	0	1966
410	Penny-Wann	F.R. Bever	(D)Penny-Wann	2746	Penny-Wann	13-15-20W	80	40	Reagan	---	---	2	0	0	0	1951
411	Riverview South	CRA, Inc.	(P)Johnson "Z"	10953	Johnson "Z"	32-11-18W	15	10	Lans-KC	3,600	17	1	0	0	0	1964
412	Ruder	Gulf Oil Corporation	(-)J.A. Swires	13426	J.A. Swires	8-15-18W	80	0	Lans-KC	3,260	3	0	0	0	0	1967
413	Solburn	Nat. Coop. Ref. Assn	(W)Solomon-Burnett	13234	Solomon-Burnett	28-14-20W	80	0	Lans	3,409	6	8	0	0	0	1967
414	Solomon	Okmar Oil Company	(W)Albert-Fred	14016	Albert, Fred	10,15-11-19W	120	0	Arbuc	3,600	5	2	0	0	0	1968
415	Solomon	Okmar Oil Company	(W)Albert Wfd	10846	Albert, Fred, Wickham	10,15-11-19W	160	0	Lans-KC	3,244	20	4	0	0	0	1964
416	Sugarloaf Southeast	American Petrofina Company of Texas	(P)Braun "A"	8173	Braun "A"	34-13-17W	160	0	Lans-KC	3,268	7	4	0	0	0	1961
417	Sugarloaf Southeast	Okmar Oil Co.	(W)Dreiling	13553	Dreiling A, Dreiling C	28-13-17W	60	0	Lans-KC	3,280	5	0	0	0	0	1967
418	Toulon	Sun Oil Company - DX Division	(W)Braun	13434	Braun	35-13-17W	25	0	Lans-KC + Arbuc	3,235	12	2	0	0	0	1967
419	Toulon South	Okmar Oil Company	(W)Brungardt Wfd	9849	Brungardt, Christina, Goetz "D"	10,14,15-14-17W	100	0	Lans-KC	3,430	7	5	0	0	1	1963



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
372	1	0	0	0	Peri.	Vac.	19	Prod	---	U	S Gas	1/3	32	---	933	0	7,021	0	22,844	
373	1	0	0	0	Irreg.	Vac.	637	---	---	U	S Gas	1/6	34	?	14,269	6,969	232,480	13,026	393,894	
374	1	0	0	0	Irreg.	0	200	Prod + KC	3,350	U	S Gas	1/8	35	---	4,280	2,140	73,000	2,640	328,000	
375	1	0	0	0	---	660	750	Prod + Arbuc	3,369	U	S Gas	2/91	36	---	5,226	5,226	274,421	20,792	968,312	
376	1	0	0	0	Irreg.	Grav.	225	Prod	---	T	S Gas	1/6	28	?	18,826	10,726	22,725	36,938	208,410	*Lans-KC; †3,350
377	1	0	0	0	Irreg.	Grav.	3,350	Prod	---	T	S Gas	1/84	28	?	11,849	0	1,217,732	0	2,659,558	
378	1	0	0	0	Irreg.	Vac.	190	Prod	---	T	Wat + S Gas	65/35	30	?	15,387	7,300	59,463	54,500	328,338	
379	2	0	0	0	Peri.	0	323	Prod + Arbuc	3,600	U	S Gas	?	33	---	17,032	720	118,383	720	334,432	
380	1	0	0	0	Irreg.	0	312	Prod + Arbuc	3,330	U	S Gas	1/68	33	---	978	978	114,240	978	140,856	
381	1	0	0	0	Line	359	336	Prod	---	T	S Gas	18/8	29	---	6,923	3,323	41,283	3,323	41,283	
382	1	0	0	0	Irreg.	Vac.	200	Prod	---	U	S Gas	---	35	---	14,760	11,000	146,000	21,700	319,000	
383	1	0	0	0	Irreg.	Grav.	153	Prod	---	T	S Gas	---	31	7	7,535	3,768	56,056	25,418	187,912	*3,600; †26
384	1	0	0	0	Irreg.	450	367	Prod	---	T	S Gas	10/67	27	---	5,643	5,643	78,513	5,643	78,513	
385	1	0	0	0	Irreg.	450	430	Prod	---	T	S Gas	1/4	27	---	3,267	3,267	91,823	3,267	91,823	
386	8	0	0	0	Irreg.	100	125	Prod	---	U	S Gas	1/4	34	---	32,961	32,961	374,485	166,294	2,087,707	
387	1	0	0	0	Irreg.	Vac.	875	Prod	---	U	---	1/3	33	---	11,113	3,283	318,823	---	---	
388	4	0	0	0	Peri.	350	64	Prod	---	U	S Gas	3/53	29	?	30,402	1,934	93,409	6,849	512,330	
389	1	0	0	0	---	0	130	Prod	---	U	S Gas	90/10	39	?	2,657	2,657	4,710	63,371	609,557	
390	3	0	0	0	Irreg.	30	877	Prod + Cheyenne	750	U	S Gas	2/3	31	---	6,918	6,334	292,051	---	1,103,964	
391	0	1	0	0	Irreg.	0	0	Prod	---	U	Wat	---	32	---	25,315	0	0	---	?	
392	1	0	0	0	Irreg.	36	270	Prod	---	T	S Gas	---	28	*	9,313	9,313	98,325	16,881	1,127,279	*27.5 @ 100°
393	1	0	0	0	Irreg.	0	58	Prod + Arbuc	3,607	U	S Gas	1/0	38	?	5,534	0	21,206	0	27,586	
394	2	0	0	0	---	---	---	Prod	---	U	Grav	10/90	37	---	2,535	1,690	36,000	---	---	*3,348
395	5	0	0	0	Peri.	Vac.	274	Prod + Dakota	800	T	Wat + S Gas	3/17	32	?	26,535	12,445	501,813	17,715	798,455	
396	---	---	0	---	Irreg.	---	---	---	---	---	---	---	---	---	10,323	3,299	26,295	29,747	937,056	
397	1	0	0	0	Irreg.	Vac.	161	Prod	---	U	S Gas	---	35	?	5,866	0	58,812	11,705	271,677	
398	1	0	0	0	Peri.	Vac.	288	Prod	---	U	S Gas	39/61	35	---	35,822	35,822	105,287	163,846	893,749	
399	1	0	0	1	Peri.	Vac.	321	Prod	---	T	S Gas	8/92	34	---	11,343	11,343	116,467	22,003	1,118,074	
400	1	0	0	0	Peri.	Vac.	328	Dakota	300	T	S Gas	13/87	32	---	20,772	18,367	119,894	87,486	856,536	*Dodge
401	2	0	0	0	Irreg.	Vac.	406	Prod + Cheyenne	---	U	Wat#	5/1	36	?	16,080	?	76,760	0	76,760	*L-KC; †3,368; †740-1090;
402	1	0	0	0	Irreg.	0-15	67	Prod	---	U	S Gas	15/83	35	?	5,269	0	24,499	0	28,902	‡S Gas
403	2	0	0	0	Irreg.	Vac.	228	Prod	---	U	S Gas	2/31	36	?	28,335	0	166,746	636	241,701	
404	1	0	0	0	Irreg.	900	316	Prod + Cheyenne	600	U	S Gas	14/14	35	?	14,859	11,859	114,562	11,859	117,499	
405	1	0	0	0	Peri.	175	200	Prod + Arbuc	3,550	U	S Gas	8/10	40	?	5,761	1,400	70,000	2,500	79,000	
406	1	0	0	0	Irreg.	575	370	Prod	---	M	Comb.	20/80	36	---	12,700	6,000	123,097	10,148	173,227	
407	1	0	0	0	Irreg.	250	133	Prod + Dakota	350	T	S Gas	---	35	---	7,372	4,000	122,800	6,000	172,600	*Cheyenne
408	1	0	0	0	Line	Vac.	127	Prod + Quaternary Sd	75	M	S Gas	23/19	33	---	9,981	5,968	23,158	5,968	23,158	*Toronto
409	1	0	0	0	Irreg.	250	204	Prod + Arbuc	3,650	T	Wat + S Gas	68/32	34	?	8,999	?	74,664	?	149,434	
410	1	0	0	0	Line	0	400	Prod	---	U	Wat	6/94	28	---	1,315	?	60,000	90,675	2,480,000	
411	1	0	0	0	Irreg.	19	242	Prod	---	U	S Gas	3/2	34	?	4,642	4,642	83,773	18,871	332,524	
412	1	1	0	0	---	?	498	Prod	---	U	S Gas	16/36	34	---	11,474	7,574	181,664	13,017	232,806	
413	1	0	0	0	Irreg.	0	21	Prod	---	U	S Gas	1/1	41	?	114,105	0	7,505	0	12,737	
414	1	0	0	0	Irreg.	0	2,660	Prod + Lans-KC	3,200	U	Wat	1/94	26	---	21,050	0	890,000	0	890,000	
415	1	0	0	0	Irreg.	0	200	Prod + Arbuc	3,500	U	S Gas	?	34	?	35,224	6,880	73,000	23,840	285,065	
416	1	0	0	0	Peri.	838	1,120	Prod	---	U	---	?	35	---	20,097	12,416	408,972	82,832	1,446,146	
417	1	0	0	0	Irreg.	0	43	Prod + Arbuc	3,530	U	S Gas	34/20	30	---	10,898	0	15,861	0	17,623	
418	1	0	0	0	Irreg.	0	75	Prod	---	U	S Gas	2/7	33	?	6,861	6,861	27,232	10,358	38,719	
419	2	1	0	0	Irreg.	1,200	205	Prod + Arbuc	3,500	U	S Gas	?	35	---	18,531	4,830	149,185	20,435	831,725	

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease(s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Nome	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
ELLIS Cont.																
420	Toulon Southwest	Okmar Oil Company	(W)Dinkel "A"	13544	Dinkel, Dinkel "A"	16-14-17W	50	0	Arbuc*	3,500 <sup>†</sup>	5	3	0	0	0	1960
421	Turkville	Colorado Oil Company	(D)McCombs	9229	McCombs	11-11-17W	40	0	Lans-KC	3,008	266	1	0	0	0	1962
422	Ubert Northwest	Kewanee Oil Company	(W)Crissman A & B	11815		1,2-13-18W	60	0	Topeka*	3,260	144	5	0	0	0	1965
423	Victoria North	Jay Kornfeld	(P)Schulte	11068	Schulte	8-14-16W	80	80	KC	3,214	6	5	0	0	0	1964
424	Wheatland	Petroleum Management, Inc.	(W)Leiker	13470	Leiker	18-15-17W	20	0	Lans-KC	3,282	225	1	0	0	0	1967
ELLIS-ROOKS COUNTIES																
425	Krueger	Cities Service Oil Co.	(W)Krueger Unit	3145	Krueger Unit	35,36-10-16W;1,2,3-11-16W	352	0	Dodge + Lans-KC	3,225	49	17	1	0	0	1961
ELLIS-RUSSELL COUNTIES																
426	Fairport	Pan American Pet. Corp.	(W)Kate Austin	14224	Kate Austin, L.L. Austin, L.L. Austin "C", J.J. Brungardt "A" & "B", J. Furthmeyer	30,31-12-15W;25,36-12-16W	450	0	Topeka + Dodge + Lans	2,750 3,000 3,050	90	15	0	0	0	1956
ELLSWORTH COUNTY																
427	Lorraine	Petroleum, Inc.	(W)Lorraine	13631	Janzen, Nienke, Offner, Rolfs	11,12-17-9W	480	---	Lans-KC	2,870	10	4	0	0	0	1967
428	Stoltenberg	Morgenstern Oil Operations	(W)Zvolanek	12162 10057	Zvolanek	32,33-15-10W	30	30	Simpson	3,246	10	1	0	0	0	1962
FINNEY COUNTY																
429	Cowgill	Cities Service Oil Co.	(W)Cowgill Morrow "S <sub>2</sub> " Sand	11172	Tait C	27-24-33W	45	0	Morrow S <sub>2</sub>	4,800	16	1	0	0	0	1964
430	Damme	High Plains Production Co.	(P)Clark	13914	Clark	22-22-33W	160	?	Miss	4,693	10	2	0	0	0	1968
431	Nunn	The Shallow Water Refining Company	(P)Nunn Pool	9779	Aeilts, Davis, Gobleman, McHugh, Maune, Nunn	23,26,27,34-21-34W	1,440	160	Marmaton	4,276	9	16	3	0	0	1958
FINNEY-HASKELL COUNTIES																
432	Pleasant Prairie	Helmerich & Payne, Inc.	(P)Pleasant	13423 10157		17,18,19,20,29,30,31,32,33-26-34W;4,5,6,8,9,16-27-34W	0	0	St. Louis Miss	5,050	15	0	0	0	0	1966
FRANKLIN COUNTY																
433	Paola-Rantoul	Kerr-McGee Corporation	(W)Wellsville Flood	7526	Ackley, Bell, Dorsey, Lidikay, Rhoads, Rice, Royer, Showengerdt	3,4,10-16-21E	300	0	Squirrel	700	30	49	14	0	1	1959
434	Paola-Rantoul	L.L. & B. Oil Co.	(W)Unit #1 & #2	806		10,15,22-17-21E	---	---	Squirrel*	360 <sup>†</sup>	5 <sup>‡</sup>	120	20	0	0	1942
435	Paola-Rantoul	Glenn F. Layton, Jr.	(P)Heminger Finch	3152	Finch, Ginrich, Stevenson	29-16-21E	100	---	Squirrel	650	20	20	---	1	---	---
436	Paola-Rantoul	Glenn F. Layton, Jr.	(P)Hays	12728		20-16-21E	15	---	Squirrel	650	30	3	---	2	---	1960
437	Paola-Rantoul	Mo-Kan Oil Group	(P)	713	Cutler	5-18-21E	40	0	Squirrel	625	10	1	---	1	---	1964
438	Paola-Rantoul	Sieg Oil Co.	(P)Group 3 Wfd	2591	Alden, Chambers, Moherman, Shelton, Zieldorff	8,9,16,17,20,21-16-21E	400	200	Squirrel	660	20	50	20	1	0	1950
GOVE COUNTY																
439	Albin	Getty Oil Company	(P)G. Albin	13915	R.D. Adams, G. Albin, R. Long, B. Richardson	9,10,15,16-14-27W	80	40	Miss	4,390	10	3	0	3	2	1967
440	Castle Rock	Getty Oil Company	(P)F. Sauer	13217	L. Albin, C. Cheney, C.W. Cheney, M. Rohr, F. Sauer, E. Shaw	27,28,33,34-14-27W	80	0	Miss	4,300	10	2	0	2	2	1967
GRAHAM COUNTY																
441	Blazier	Cities Service Oil Co.	(W)Blazier L-KC	9707	Blazier	21,27,28-7-25W	180	0	Lans-KC	3,800	20	9	0	0	0	1962
442	Brush Creek	Cities Service Oil Co.	(W)Brush Creek Unit	7244	Beiker A, Beiker B, Karst, McPherson A	4,9-9-23W	0	0	Lans-KC	3,739	4	11	0	0	0	1959

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
420	1	0	0	0	Irreg.	650	332	Prod	---	U	S Gas	?	33	---	22,620	13,100	90,989	34,113	588,014	*Lans-KC; †3,250 *Toronto-KC
421	1	0	0	0	Irreg.	Vac.	4	Prod	---	U	S Gas	4/7	34	---	1,972	1,972	1,515	17,134	254,215	
422	2	0	0	0	Irreg.	Vac.	178	Prod	---	U	S Gas	21/59	29	?	?	0	130,579	5,758	323,737	
423	3	0	0	0	Peri.	300	600	Prod	---	T	S Gas	80/20	34	---	18,600	9,000	360,000	35,000	1,600,000	
424	1	0	0	0	Irreg.	300	165	Prod + Arbuc	3,580	U	S Gas	1/0	39	---	9,945	1,600	59,400	1,600	95,800	
425	14	0	1	0	Irreg.	0	293	Prod + Dakota	475	U	S Gas	3/2	37	?	98,351	98,351	1,499,311	485,369	6,438,574	
426	7	0	0	0	Irreg.	Vac.	276	Prod	---	U	S Gas	5/13	38	---	67,018	67,018	655,858	628,867	5,732,812	*3243
427	1	0	0	0	Line	414	446	Prod + Dakota	200	F	Wat	7/3	35	---	7,322	7,322	162,710	7,322	172,570	
428	1	0	0	0	Irreg.	0	80	Prod	---	T	Wat	?	38	---	8,592	4,296	29,200	12,339	145,800	
429	2	0	0	0	Peri.	900	302	Prod	125	M	S Gas	---	27	?	5,305	5,305	110,251	31,079	508,383	
430	1	0	0	0	Irreg.	0	35	Prod	---	U	Gas Exp	1/1	30	?	12,049	0	5,500	0	5,500	
431	4	1	0	0	Line	0	109	Prod	---	T	S Gas	---	34	?	54,457	21,783	158,881	76,625	1,894,640	*24.3 @ 20°
432	6	---	---	---	Irreg.	100	365	Prod	---	U	Wat + S Gas	10/13	34	?	902,645	0	487,718	0	801,630	
433	82	1	0	0	Line	700	27	Prod + Arbuc	1,500	T	S Gas	65/29	28	40	36,559	36,559	802,589	738,149	8,193,105	
434	170	15	0	0	5-spot	550	100	Prod + Lake & River	---	F	?	95/5	31	---	2,165	---	750,000	2,165	750,000	*Peru; †700; †30
435	20	---	---	---	Line	650	---	Prod	---	M	---	---	29	---	7,920	7,920	35,000	?	---	
436	3	---	2	2	Line	600	30	Prod	---	M	Grav	---	31	---	2,800	2,800	2,800	?	?	
437	2	---	0	0	Irreg.	385	45	Prod	---	U	Gas Exp	90/10	28	?	1,800	1,000	16,000	4,000	60,000	
438	30	10	0	0	5-spot	600	20	Prod	---	U	Wat	1/200	29	?	---	---	---	15,000	300,000	
439	2	0	1	0	Irreg.	Vac.	65	Prod	---	T	S Gas	3/2	37	?	24,619	24,619	47,147	32,118	50,827	
440	1	0	0	0	Irreg.	0	98	Prod	---	U	S Gas	2/3	40	?	11,321	11,321	35,868	32,256	58,508	
441	4	0	0	0	Peri.	425	304	Prod + Dakota	1,500	U	S Gas	1/1	39	?	56,776	46,388	444,327	159,793	1,132,074	
442	1	0	0	0	Irreg.	0	157	Prod	---	U	S Gas	?	34	?	15,623	0	57,330	16,560	808,186	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
GRAHAM Cont.																
443	Conness	Kaiser-Francis	(D)Conness "C"	8815	Conness "A", Conness "C"	22,23-10-23W	60	0	Lans-KC	3,608	200	3	0	0	2	1961
444	Cooper	Colorado Oil Company	(W)Lewis "A" Lease	11994	Lewis "A"	23-10-21W	160	0	Arbuc	3,740	5	2	0	0	0	1965
445	Cooper	Petroleum, Inc.	(W)Cooper Pilot Flood	12527	Schmahlfeldt #2, #3, #4, #5, #6, #7 & #9	24-10-21W	160	---	Arbuc	3,740	15	6	0	0	0	1966
446	Cooper	Sun Oil Company - DX Division	(W)Germany	7844	Germany	6-10-21W	20	40	Lans-KC	3,580	9	1	1	0	0	1960
447	Cooper	White Hawk Oil Company	(P)C. Smith Unit	7966	Denning, Rudman, C. Smith	32-9-21W;5-10-21W	160	0	Lans-KC	3,510	6	6	0	0	0	1960
448	Diebolt	Sun Oil Company - DX Division	(W)Diebolt LKC Unit	9110	Diebolt LKC Unit	16,17,20,21,28,29-10-23W	1,570	100	Lans-KC	3,850		44	8	0	0	1962
449	Elrick Southeast	Herndon Drilling Co.	(-)Evergreen N.W. LKC Unit	12249	Knoll B, Schreiner	14,23-10-25W	30	10	KC	3,777	5	2	0	0	0	1966
450	Evergreen Northwest	Cities Service Oil Co.	(W)Evergreen N.W. LKC Unit	10747	Evergreen NW LKC Unit	8,17-9-23W	340	0	Lans-KC	3,703	10	8	1	0	0	1964
451	Fabricius	Cities Service Oil Co.	(W)Fabricius L-KC Unit	11084	Fabricius L-KC Unit	19-7-22W;23,24,25,26-7-23W	760	0	Lans-KC	3,636	10	11	0	0	0	1964
452	Glen Dale South	Leo J. Dreiling Oil Co.	(D)Nickelson B Unit	14533		23,26-9-24W	480	0	Lans-KC	3,825	90	7	0	0	0	1968
453	Harmony	Rocket-Schusterman Oil Account	(D)Harmony Field	6420	Dunwoody, Sanford	5-8-22W	280	0	Lans-KC	3,550	5	2	1	0	1	1958
454	Holley	Cities Service Oil Co.	(W)Holley Unit	9991	Holley Unit	33-8-24W	480	0	Lans-KC	3,957	4	4	1	0	0	1963
455	Holley	Herndon Drilling Co.	(W)Keith Wfd	12174	Keith	9-9-24W	90	0	KC	3,882	4	3	1	0	0	1966
456	Holley	Sun Oil Company - DX Division	(W)Blackburn	6453	Blackburn	33-8-24W	20	30	Lans-KC	3,900	9	2	0	0	0	1958
457	Holley	Sun Oil Company - DX Division	(W)M. Clark	10363	M. Clark	10-9-24W	20	60	Lans-KC	3,860	11	3	0	0	0	1964
458	Holley	Texaco Inc.	(W)Holley Unit	9577		30,31,32-8-24W;5,6-9-24W	2,800	---	Lans	3,950	8	33	4	0	0	1963
459	Holley North	Cities Service Oil Co.	(W)Holley North	11228	Holley North Unit	28,29-8-24W	40	0	Lans-KC	3,950	10	2	1	0	0	1964
460	Holley Southeast	Cities Service Oil Co.	(W)Holley SE Wfd	10367	Nickelson	15-9-24W	160	0	Lans-KC	3,847	12	2	0	0	1	1964
461	Hoof Northwest	Dane G. Hansen Trust	(D)Gano Input	13102	Gano	6-10-23W	160	?	Lans-KC	3,700	220	7	---	---	---	1966
462	Hoof West	John O. Farmer, Inc.	(P)Dietz Wfd	14219	Dietz, Law	8-10-23W	480	0	Lans-KC	?	6	6	0	0	0	1968
463	Ironclad	Cities Service Oil Co.	(W)Ironclad Unit	10578	Ironclad Unit	23,25,26-9-22W	309	0	Lans-KC	3,575	27	10	1	0	0	1964
464	Ironclad	Peel-Hardman Oil Operations	(D)Desair Wfd	13981	Desair	26-9-22W	160	---	Lans-KC	3,640	160	2	0	0	0	1968
465	Jackson Branch	Amerada Petroleum Corp.	(P)H.H. Stewart SWD Injection #1	13960	H.H. Stewart	8-9-23W	120	10	Lans-KC	3,625	30	1	0	0	0	1968
466	Kobler	John O. Farmer, Inc.	(P)Kobler	8035	Kobler "B"	27-8-24W	80	0	Lans-KC	3,858	---	2	0	0	0	1960
467	Law	Skelly Oil Company	(W)C.F. Griffith	13221	C.F. Griffith	2-10-23W	60	0	Lans	3,750	5	3	0	0	0	1967
468	Law Northwest	Burch Exploration, Inc.	(-)Law Northwest	10386	Hildebrand "A", Morris	28-9-23W	320	120	Lans-KC	3,900	180	9	0	0	0	1962
469	Law Southeast	Kimbark Operating Co.	(W)Law S.E. Unit	9536	Griffith, Irwin, Irwin A, Ninemire, Stites	1,12-10-23W	200	100	Lans	3,700	20	4	5	0	0	1962
470	Mickleson	John O. Farmer, Inc.	(P)Mickelson	7953	Mickelson "C"	27-8-22W	80	0	Lans-KC	3,421	3	2	0	0	0	1961
471	Morel	Shell Oil Company	(W)Lans-KC	14298	J. Balthasor, M. Knipp, A. Morel	14,23-9-21W	400	0	Lans-KC	3,420	30	7	0	0	0	1968
472	Mount Vernon	E.H. Riggs	(P)LaCerte	13963	LaCerte	31-6-22W	160	?	Lans-KC	3,600	4	2	0	0	1	1965
473	Nana	Hollar Oil Company	(P)Goff Unit	13357	Goff, Goff "A", Goff "B", Goff "D", Neal "B"	3,10-8-24W	220	120	Lans-KC	3,600	8	8	---	---	1	1966
474	Nana Northwest	Cities Service Oil Co.	(W)Nana N.W. L-KC Unit	11191	Nana N.W. Lans-KC Unit	32,33-7-24W;4,5-8-24W	55	0	Lans-KC	3,600	10	5	0	0	1	1966
475	Penokee	Barnett Oil Company	(W)Penokee	9836	Lyon, Nicholson, Paxson	2,11,12-8-24W	40	20	Lans-KC	3,790	9	3	0	0	0	1961
476	Red Line	Sun Oil Company - DX Division	(W)Sturgeon	6173	Sturgeon	32-9-22W	30	30	Lans-KC	3,862	7	3	0	0	0	1958
477	Red Line Northwest	Chief Drilling Co., Inc.	(W)Farrell	13032	Farrell	20-9-22W	160	0	Lans-KC	3,749	9	2	0	0	0	---
478	Schmied	Empire Drilling Company	(D)Madden Davis Wfd Unit	9396	Madden Davis A	16-8-25W	40	280	Lans-KC	3,800	5	3	0	0	2	1961
479	Schmied	Texaco Inc.	(W)Madden-Davis Lse	8553		17-8-25W	400	---	Lans	3,650	15	5	0	0	0	1961
480	Shiloh	Empire Drilling Company	(D)Shiloh Wfd Unit	9397	Minium A, Richmeier A	1,2-9-25W	200	150	Lans-KC	3,800	6	7	4	0	2	1962
481	Shiloh	High Plains Production Co.	(D)Minium "B"	10101	Minium "A", Minium "B"	36-8-25W;1-9-25W	50	20	Lans-KC	3,812	9	3	0	0	0	1963
482	Van	Koch Exploration Co.	(W)Sandzen	7334	Sandzen	14-9-22W	70	0	Lans-KC	3,490	20	2	0	0	0	1959
483	Van	Nat. Coop. Ref. Assn	(W)Van Loenen	10328	Van Loenen	14-9-22W	50	10	Lans	3,497	15	5	0	0	0	1963
484	Vesper	Petroleum, Inc.	(W)Vesper Unit	10172	Lacerte "C", Manaugh, Rice, Sutor "E", Vesper	31-9-22W;36-9-23W	640	---	Lans-KC	3,640	220	19	1	0	0	1963
GRAHAM-TREGO COUNTIES																
485	Diebolt	Cities Service Oil Co.	(W)N.W. Wakeeney Co-op Wfd	6808	Diebolt, Erickson, Osborn, Surmeier, Walker	33-10-23W;4,5,9-11-23W	450	0	Lans-KC	3,588	4	15	3	0	1	1959

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
443	1	0	0	0	Irreg.	Grav.	100	Prod	---	U	Gas Exp	---	37	---	2,555	2,555	36,500	39,840	248,810	
444	1	0	0	0	Irreg.	0	219	Prod	---	U	Wat	5/64	29	---	2,936	751	80,263	5,128	228,678	
445	1	0	0	0	Irreg.	Vac.	147	Prod	---	U	Comb.	11/14	34	---	19,734	19,734	53,617	55,471	210,763	
446	1	0	0	0	Irreg.	0	52	Prod	---	U	S Gas	?	36	?	546	546	7,776	30,562	207,895	
447	1	0	0	0	Irreg.	150	630	Prod	---	U	Wat	?	35	?	13,582	8,933	229,950	88,780	1,837,014	
448	21	2	0	0	Peri.	774	321	Prod + Cheyenne	1,250	U	S Gas	10/19	43	?	145,410	145,410	2,463,679	977,886	12,831,678	*5-301
449	1	0	0	0	Irreg.	0	45	Prod	---	U	S Gas	?	32	?	3,500	3,000	0	15,000	50,000	
450	4	1	0	1	Peri.	40	290	Prod + Cedar Hills	1,630	U	S Gas	?	36	?	33,263	33,263	424,090	94,154	1,916,466	
451	8	0	0	0	Peri.	544	230	Prod + Cedar Hills	1,435	U	S Gas	4/1	40	?	105,399	105,399	671,957	287,764	2,257,580	
452	1	0	0	0	Irreg.	0	300	Prod	---	T	S Gas	8/1	38	?	13,980	0	30,000	0	30,000	
453	1	0	0	0	Irreg.	0	---	Prod	---	U	---	---	37	---	2,618	2,618	141,000	89,668	2,624,000	*"J"; †Liquid expansion
454	1	3	0	1	Irreg.	1,400	246	Prod + Cedar Hills	1,800	U	S Gas	1/1	37	?	26,638	26,638	89,927	91,237	809,529	
455	1	0	0	0	5-spot	0	160	Shallow Sand	40	F	S Gas	68/56	40	?	9,800	8,000	60,000	25,000	135,000	
456	1	0	0	0	Irreg.	147	428	Prod	---	U	S Gas	1/5	37	?	5,087	5,087	156,402	57,801	479,717	
457	1	0	0	0	Irreg.	575	155	Prod + Cedar Hills	1,690	U	S Gas	17/4	38	?	1,674	1,674	56,662	22,908	395,359	
458	31	1	0	0	Peri.	1,100	350	Prod + Cedar Hills	1,800	U	S Gas	7/8	40	---	224,015	224,015	3,967,047	---	15,622,876	
459	1	0	0	0	Peri.	1,400	632	Prod + Cedar Hills	?	U	S Gas	1/10	37	?	17,723	17,723	230,728	44,214	603,195	
460	1	2	0	0	Irreg.	Vac.	21	Prod + Cedar Hills	1,400	U	S Gas	14/63	37	?	6,679	4,185	7,833	29,040	346,337	*Converted
461	1	---	---	---	Irreg.	Vac.	75	Prod	---	T	S Gas	80/20	38	?	44,843	?	20,440	?	35,040	
462	3	0	0	0	Irreg.	200	500	Prod + Cedar Hills	1,745	T	Grav	---	35	---	12,190	8,000	371,147	12,190	371,147	
463	3	0	0	0	Peri.	505	263	Prod + Dakota	822	U	S Gas	70/80	37	?	25,180	25,180	287,910	90,334	1,316,145	
464	1	0	0	0	Irreg.	0	13	Prod	---	U	Wat	30/16	38	---	7,958	2,000	9,490	2,000	9,490	
465	1	0	0	0	Peri.	Vac.	177	Prod	---	U	S Gas	4/47	33	7	5,116	0	64,434	0	64,434	
466	1	0	0	0	---	---	220	Prod	---	U	Grav	---	30	---	?	?	?	?	?	
467	1	0	0	0	Irreg.	0	269	Prod	---	U	S Gas	1/4	33	?	2,144	2,144	65,460	5,569	158,080	
468	1	0	0	0	Irreg.	750	700	Dakota	1,600	U	S Gas	---	36	6	35,746	35,746	---	172,738	1,285,427	
469	3	1	0	0	Peri.	300	600	Prod + Shallow Sand	150	F	S Gas	75/25	38	?	14,919	14,919	180,000	131,633	1,393,282	
470	1	0	0	0	---	250	300	Prod	---	U	Grav	---	35	---	---	?	?	?	?	
471	2	0	0	0	Irreg.	288	199	Prod	---	U	S Gas	2/5	35	---	43,268	43,268	145,320	43,268	145,320	
472	1	0	0	1	Line	200	90	Prod	---	T	S Gas	8/92	36	?	2,869	0	33,850	1,540	239,850	*11819
473	3	1	0	0	Irreg.	0	1,000	Prod	---	U	Wat + S Gas	---	39	---	33,000	13,000	365,000	32,000	1,095,000	
474	2	0	0	0	Irreg.	766	194	Prod + Cedar Hills	1,432	U	S Gas	1/4	38	?	28,017	22,427	141,953	41,209	317,966	*Converted
475	2	0	0	0	Line	1,000	350	Prod + Cedar Hills	1,570	U	S Gas	80/20	38	?	9,220	7,000	137,750	85,800	1,342,250	*6240
476	1	0	0	0	Irreg.	197	174	Prod	---	U	S Gas	10/57	40	?	4,735	4,735	63,360	131,572	606,502	
477	1	0	0	0	Irreg.	1,000	250	Prod	---	U	Wat	60/40	36	---	5,687	3,000	91,250	7,167	146,000	
478	1	0	0	1	Irreg.	0	170	Prod	---	T	S Gas	52/48	--	---	11,205	11,205	62,050	295,253	908,782	
479	6	0	0	0	Peri.	400	370	Prod + Cedar Hills	1,850	T	Comb.	15/22	39	---	32,925	21,271	808,257	---	3,459,726	
480	2	0	0	1	Irreg.	0	250	Prod	---	T	S Gas	75/25	38	---	19,417	19,417	91,250	218,213	391,795	
481	1	0	0	0	Irreg.	0	200	Prod	---	U	S Gas	---	41	?	13,553	10,000	72,000	68,546	254,800	
482	1	0	0	0	Irreg.	300	175	Prod	---	U	Gas Exp	2/1	36	---	14,483	2,800	63,000	25,600	391,350	
483	2	1	0	0	Irreg.	200	568	Prod	---	U	S Gas	1/0	37	?	21,078	11,596	207,200	35,459	901,567	
484	4	3	0	0	Line	305	727	Prod + Cheyenne + Dakota	1,200 800	M	S Gas	9/5	42	---	67,098	67,098	1,060,839	330,605	4,119,851	
485	4	2	0	0	---	266	635	Prod + Cedar Hills	1,500	U	S Gas	?	40	?	38,915	38,915	927,370	131,775	2,665,569	*Converted

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
GREENWOOD COUNTY																
486	Atyeo-Pixlee	L.O. Tenk	(W)Atyeo Unit & Atyeo "C" Lease	4288 2813	Atyeo "C", Atyeo Unit	6-22-10E	240	80	Bart1	2,300	20	20	7	1	0	1952
487	Atyeo-Pixlee	R. J. Wixson	(P)York-Pixlee	8384	Pixlee "B", State Street	5,8-22-10E	240	0	Bart1	2,250	25	3	0	0	0	1960
488	Beaumont	K.T. Wiedemann Trust	(D)Waterflood	12117	Lewis, Molter-Lewis	25,36-27-8E	40	0	Peru	1,834	25	2	0	0	0	1963
489	Beaumont South	K.T. Wiedemann Trust	(D)Edgar Lease	10680	Edgar	2-28-8E	50	0	Miss	2,493	24	0	0	0	0	1963
490	Browning	American Petrofina Company of Texas	(W)Browning "A" Lease Wfd	8755	Browning "A"	19-22-10E	120	0	Bart1	2,550	28	8	1	0	0	1965
491	Browning	Baker Oil Inc.	(P)Emma-Prather	13252	Emma, Poe, Prather	30-22-10E	200	?	Bart1	950	20	12	0	0	0	1957
492	Browning	International Oil Corporation, Inc.	(W)Browning Unit	2271	A.B. Browning, W.P. Browning	19,20-22-10E	60	20	Bart1	2,350	20	4	3	0	0	?
493	Burkett	Phillips Petroleum Co.	(W)Burkett Unit	819 818		13,23,24,26,27-23- 10E;18-23-11E	1,112	?	Bart1	2,100	31	38	26	0	0	1942
494	DeMalorie-Sowder	L.B. Campbell	(W)Derbyshire Lease	3103	Derbyshire	13-22-10E	30	20	Bart1	2,100	30	4	2	0	2	1952
495	DeMalorie-Sowder	Home-Stake Production Co.	(W)Harris Wfd	9297	Kipfer "A", Kipfer "B", Kipfer "C", Kipfer "D", Warrensburg	12,13-22-10E	200	0	Bart1	2,150	25	10	5	0	0	1962
496	DeMalorie-Sowder	B.B. Jamison	(W)Pix Unit	2071	Pix Unit	3,10-22-10E	80	0	Bart1	2,150	40	2	1	0	0	1967
497	DeMalorie-Sowder	Moss Petroleum Company	(P)Kipfer Lease	10329	Kipfer	13-22-10E	30	10	Bart1	2,150	30	2	0	0	0	1963
498	DeMalorie-Sowder	The Shallow Water Ref. Co.	(W)DeMalorie-Sowder Unit	3423 3123	Central Unit, East Unit, West Unit	1,2,11,12-22-10E	660	0	Bart1	2,100	55	26	8	0	0	1949
499	DeMalorie-Sowder	George Sheehan Interests	(W)Clopton	3124	Clopton	18-22-11E	160	---	Bart1	2,100	20	5	---	---	---	1952
500	DeMalorie-Sowder	George Sheehan Interests	(W)Harris	2309	Harris	19-22-11E	80	---	Bart1	1,900	20	2	0	0	0	1952
501	DeMalorie-Sowder	Robert M. Young	(P)Greenwood	2309	DeMaloire-Sowder	19-22-11E	120	---	Bart1	2,140	12	5	1	0	0	---
502	Dunaway	Ale Oil Company	(W)Sauder Heirs	5619	Sauder Heirs	3-23-13E	480	0	Miss	1,800	15	10	0	0	0	1957
503	Dunaway	BBL Oil Producers	(W)	2252	Miller, Norris	27-22-13E	60	?	Burgess	1,800	10	3	0	1	0	?
504	Dunaway	Herbert H. Hart	(D)Hessler-Koenig	9459	Hessler, Koenig	27,34-22-13E	220	0	Miss	1,850	20	9	0	0	0	1962
505	Dunaway	Larry Moore Ranch, Inc.	(W)R.W. Young	10543	R.W. Young	22-22-13E	20	30	Burgess	1,800	12	7	4	---	0	1963
506	Fancy	Greenwood Petroleum & Ranch Management, Inc.	(P)McGinnis Fee	14060	McGinnis Fee	25-26-12E	240	---	Viola	1,900	20	---	---	1	1	1968
507	Fankhouser	George A. Barnard	(W)Swanson Unit	2492	Swanson	9,10-22-12E	40	---	Bart1	1,800	15	2	0	0	0	1962
508	Fankhouser	L.B. Campbell	(D)Boles Lease	5200	Boles	10,15-22-12E	30	50	Bart1	1,800	20	1	1	---	---	---
509	Fankhouser	Harold G. Forbes	(W)Ames Lease	11800	Ames	5-22-12E	80	0	Bart1	1,900	10	3	2	0	3	---
510	Fankhouser	George Sheehan Interests	(W)Fankhouser	2065	Fankhouser	4-22-12E	560	---	Bart1	1,900	25	5	0	0	0	---
511	Gaffney	Greenwood Petroleum & Ranch Management, Inc.	(P)Kipfer	5079		6-24-11E	160	---	Bart1- Wiggins	1,800	20	9	---	2	1	1957
512	Lamont	Jackman & Jackman	(-)Fankhauser	7362	Fankhauser	23-22-12E	160	0	Bart1	1,660	20	6	2	0	0	1959
513	Polhamus	Sam P. Wallingford, Inc.	(P)Dunlap Lease	5312	Dunlap	9-25-9E	80	80	Bart1	2,148	11	5	1	0	0	1956
514	Polhamus & Sallyards	The Shallow Water Refining Company	(W)Hendrickson	11011 6058	Hendrickson, Hendrickson "A", Hendrickson "C", Hendrickson "D"	8,9,17-25-9E	480	0	Bart1	2,300	30	10	1	0	0	1964
515	Quincy	Bird-Hanley & Sheedy	(W)Northwest Quincy	2429	Dinius, Esslinger, Gilroy, Hollister, Pusey, Shaw	31-24-13E;5,6-25-13E	200	15	Bart1	1,500	25	23	5	0	0	1950
516	Quincy	Bird-Hanley & Sheedy	(W)Quincy	12234	Bivins, Hoggatt, K. Johnson, Nellie Johnson, Nelson, Webber	8,9-25-13E	115	25	Bart1	1,500	13	11	2	0	0	1951
517	Sallyards	Eureka Drilling Company	(P)Bates	12717	Bates	30-25-9E	65	0	Bart1	---	20	2	---	0	0	1966
518	Sallyards	J & M Associates	(W)Sallyards	11096	Jackson Heirs, Ladd	23,25,26-25-8E	100	0	Bart1	2,460	10	9	8	3	1	?
519	Sallyards	Lee Phillips Oil Company	(W)	13734	Ladd	19-25-9E	40	0	Bart1	2,420	10	3	0	0	0	1967
520	Sallyards	Raymond Oil Company, Inc.	(W)Blankenship, Sallyards Unit	3565	Robert Bryden #1, Robert Bryden #2, Robert Bryden #3, F.H. Hull "A" & "B", F.H. Hull "C" & "D", A.L. Stevenson	35,36-25-8E;1,2,3, 10,11-26-8E	520	0	Bart1	2,425	39	27	0	1	0	1953
521	Sallyards & Teichgraber	Nadel & Gussman	(W)Welsh & Birkett	11737	Birkett, Welsh	12,13,14,24-25-8E	50	0	Bart1	2,350	15	11	0	3	0	1965
522	Scott	The Shallow Water Ref. Co.	(W)Scott Unit	1264		24,25-23-8E;19,30- 23-9E	378	?	Bart1	2,600	40	11	8	0	9	1945
523	Seeley-Wick	Aztec Oil Company	(D)Beal Unit	2471		21,22,24,28-23-11E	?	?	Bart1	1,835	90	17	0	0	23	?
524	Seeley-Wick	Berentz Drilling Company	(W)	11539		7-24-12E	40	0	Cattleman	1,588	12	2	0	0	0	1964
525	Seeley-Wick	R.V. Dimick & W.E. Spencer	(W)BEC Unit	5095	C.G. Beal, Carson, D.A. Edwards, O'Neal	28,29,32,33-23-11E	490	200	Bart1	1,950	12	10	0	1	0	---
526	Seeley-Wick	Eureka Drilling Company	(P)Humes	8952	Humes	29,30-22-11E	240	0	Bart1	2,100	15	4	---	0	0	1961
527	Seeley-Wick	Eureka Drilling Company	(P)Ulrich	11539	Frey, Ulrich	7-24-12E	340	---	Cattleman	1,600	10	8	---	0	0	1965

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, cumulative, bbl	
486	10	6	0	0	Irreg.	600	120	Prod	---	T	S Gas	?	41	---	1,953	976	120,000	671,974	13,620,000	
487	1	0	0	0	5-spot*	0	300	Prod	---	T	---	10/30	39	---	3,924	0	11,000	0	76,750	*Line
488	1	0	0	0	Irreg.	0	280	Prod	---	T	Grav	---	33	---	2,347	920	102,200	920	102,200	
489	1	0	0	0	Irreg.	0	20	Prod	---	T	Grav	---	36	---	9,069	0	7,260	0	26,069	
490	1	2	0	0	Irreg.	Vac.	293	Prod + Douglas	1,421	T	S Gas	1/5	41	?	2,990	2,990	106,932	25,045	447,275	
491	2	0	0	0	Irreg.	500	200	Prod	---	U	S Gas	?	39	?	7,893	?	180,000	154,233	1,170,000	*6264; 5899
492	1	0	0	0	5-spot	200	200	Prod	---	U	S Gas	?	40	?	3,085	3,085	73,000	?	?	
493	16	37	0	0	5-spot	950	156	Prod + Douglas	1,000	U	S Gas	1/0	42	4.5	63,375	63,375	913,367	6,508,785	64,393,361	*817; 816; 749; 322
494	2	---	0	0	Irreg.	50	200	Prod	---	T	Grav	95/5	42	---	14,146	14,146	164,250	245,677	1,233,375	
495	11	1	0	0	5-spot	700	239	Prod + Arbuc	2,735	T	---	?	39	---	42,269	42,269	958,850	351,614	4,262,746	
496	1	1	0	0	Line	400	135	Prod + Bartl	2,150	U	Wat	10/60	41	36	6,985	3,492	29,200	3,492	29,200	
497	1	0	0	0	Line	200	250	Prod	---	U	S Gas	---	43	?	1,504	---	91,250	55,758	297,500	
498	24	13	0	1	5-spot	1,406	217	Prod + Douglas	1,000	T	S Gas	---	41	2.8	42,298	42,298	1,345,918	3,147,317	33,461,590	*2072
499	7	---	---	---	5-spot	350	70	Prod	---	T	S Gas	---	42	---	5,623	5,623	5,952	---	---	
500	---	---	---	---	5-spot	---	---	Prod	---	T	S Gas	---	40	---	1,482	1,482	---	---	---	
501	2	1	0	0	Irreg.	1,000	200	Prod + Douglas	800	T	Grav	---	42	---	2,644	2,644	73,200	?	?	
502	3	0	0	0	Irreg.	200	95	Prod + Douglas	750	U	Wat*	1/1	38	---	8,760	4,000	107,675	51,000	542,125	*Grav
503	2	1	0	0	Irreg.	200	125	Prod	---	T	Grav	?	36	?	1,800	1,800	42,000	?	?	
504	2	2	0	0	Irreg.	0	150	Prod	---	U	Grav	60/40	38	?	15,566	?	547,500	93,397	3,285,000	
505	3	3	0	3	Irreg.	225	1,200	Prod	---	U	Grav	4/1	38	---	18,368	?	438,000	131,530	1,222,750	
506	---	---	---	---	Irreg.	350	300	Prod + Miss + Simp-Viola	---	-	Grav	---	24	---	5,447	5,447	110,000	5,447	110,000	
507	1	0	0	0	Irreg.	300	225	Prod + Douglas	750	T	Wat	---	39	---	6,170	6,170	82,125	19,180	207,312	*877
508	2	0	0	0	Irreg.	300	250	Prod + Douglas	900	U	Grav	95/5	41	---	1,400	1,400	15,000	5,073	88,000	
509	1	0	0	0	Line	200	200	Prod + Douglas	900	U	Grav	---	41	---	1,000	500	73,000	---	---	
510	1	0	0	0	5-spot	325	250	Prod	---	T	S Gas	---	40	---	3,566	3,566	4,464	---	---	*883
511	7	---	---	---	Peri.	350	300	Prod + Douglas	900	T	Grav	---	40	---	29,534	29,534	190,000	334,572	2,190,000	
512	3	1	0	0	Irreg.	280	400	Prod + Douglas	830	T	Grav	---	38	---	4,313	4,313	146,000	---	---	
513	1	0	1*	1	Irreg.	400	300	Prod	---	T	Wat†	?	40	?	8,147	8,147	109,800	44,333	569,300	*Converted; †S Gas
514	4	1	0	0	Irreg.	556	114	Prod + Douglas	950	T	Comb.	---	39	3.9	11,171	3,140	150,517	8,389	538,528	
515	18	1	0	0	5-spot	340	41	Prod + KC + Douglas	870	T	S Gas	?	35	?	11,381	11,381	270,147	138,323	3,092,227	
516	11	2	0	0	5-spot	410	39	Prod + KC	870	T	S Gas	?	37	?	7,513	7,513	155,091	175,818	2,113,573	
517	1	0	0	0	Irreg.	700	200	Prod	---	U	S Gas	75/25	40	---	10,950	8,211	56,830	1,800	56,830	
518	3	0	0	0	5-spot	500	100	Prod + Douglas	1,500	T	S Gas	?	40	40	22,898	5,000	88,241	208,015	600,000	
519	2	0	0	0	Irreg.	800†	305‡	Prod + Douglas	1,243	U	S Gas	46/54	38	?	21,499	3,400	131,562	3,400	228,604	*13315; †600; ‡216
520	15	25	0	0	Irreg.	450	150	Prod + Arbuc	3,000	T	Grav	---	40	---	41,400	41,400	810,000	2,963,688	22,736,169	
521	7	0	0	0	---	1,300	90	Prod + Douglas	1,000	T	S Gas	95/5	40	---	116,376	19,800	228,000	94,300	705,973	
522	3	7	0	10	5-spot	439	486	Prod	---	T	Comb.	---	42	4.5	14,453	14,453	520,827	1,131,685	31,379,921	
523	5	45	0	45	Irreg.	0	165	Prod	---	T	S Gas	?	40	?	14,529	14,529	60,225	?	?	
524	2	0	0	0	5-spot	0	250	Prod + Douglas	550	T	Gas Exp	90/10	36	5	2,740	2,740	75,000	7,745	129,000	
525	6	0	0	0	Irreg.	600	50	Prod + Douglas	850	T	S Gas	1/1	38	?	9,976	6,148	109,500	261,944	2,761,500	
526	1	0	0	0	Irreg.	350	50	Prod + Douglas	1,200	-	S Gas	70/30	40	---	2,941	2,000	31,810	2,000	31,810	
527	1	0	0	0	Irreg.	100	105	Prod + Douglas	650	T	S Gas	25/75	36	---	5,000	2,500	45,625	1,250	45,625	*11538

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease(s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
GREENWOOD Cont.																
528	Seeley-Wick	Cloide J. Hensley	(P)Hensley Lease	13360	Hensley	6-22-12E	30	0	Bartl	1,775	30	2	---	1	0	1968
529	Seeley-Wick	Madison Oil Co., Inc.	(W)Madison Unit A- B-C & Garth Wfd	2008	Garth, Madison Unit A, Madison Unit B, Madison Unit C	11,12,14,22,23-22-11E	800	640	Bartl	1,850	63	26	27	1	1	1950
530	Seeley-Wick	E.C. Murphy	(D)Gardner & Winkler	12172	Gardner, Winkler	1-22-11E	160	---	Bartl	1,900	16	3	1	0	0	1965
531	Seeley-Wick	Phillips Petroleum Co.	(W)McGilvray Unit	2466		8,9,16,17-23-11E	400	?	Bartl	1,950	37	23	9	0	1	1948
532	Seeley-Wick	Geo. E. Sauder	(W)Thornton-Huber- Curtis	11213	Curtis, Huber, Thornton	7,8-22-12E	100	20	Bartl	1,720	20	6	2	0	2	1959
533	Seeley-Wick	Geo. E. Sauder	(W)Wilson-Lewis	10954	Lewis, Wilson	8,9-24-12E	120	0	Bartl	1,700	18	12	2	0	2	1951
534	Seeley-Wick	George Sheehan Interests	(W)Brothers Unit	3185	Brothers	35-23-11E	100	---	Bartl	1,895	15	2	---	---	---	---
535	Seeley-Wick	George Sheehan Interests	(W)Hamilton Field	4711	Ellis Unit	26,27-23-11E	640	---	Bartl	1,950	22	41	0	1	0	1955
536	Seeley-Wick	Earl W. Shira	(W)Shaffer Wfd	12627	Shaffer, Shaffer Jones	9-23-11E	40	10	Bartl	1,900	15	3	0	0	0	?
537	Seeley-Wick	Bill Thompson	(D)	11369	Harlan, Huber	7-22-12E	40	0	Bartl	1,800	20	2	---	0	0	?
538	Seeley-Wick	White & Ellis Drlg., Inc.	(W)Kipfer Unit	10368	Kipfer	1,12-22-11E	80	0	Bartl	1,760	17	3	0	0	0	1963
539	Stanhope	Tom Grooms	(D)Lose	5450	Stanhope	15-26-8E	160	---	---	---	---	1	---	---	---	1967
540	Teeter	Berentz Drilling Company	(W)Teter-Spencer	10274	Teter-Spencer, J.W. Teter Unit	22-23-9E	240	0	Bartl	2,425	†	6	2	0	1	1963
541	Teeter	Cities Service Oil Company	(W)Teter Unit	3172	Teter Unit	10,11,14,15,16- 23-9E	529	620	Bartl	2,470	46	36	8	0	2	1947
542	Teeter	The Shallow Water Ref. Co.	(P)Green "A" Unit	10170	Green "A", Noller	2,11-23-9E	360	0	Bartl	2,333	37	8	3	2	0	1963
543	Teeter	The Shallow Water Ref. Co.	(P)Morris	2737	Morris	20,21-23-9E	320	320	Bartl	2,350	40	9	3	2	0	1951
544	Teichgraber	Eagle Oil Company, Inc.	(P)Spencer Lease	12236	Spencer	18-25-9E	70	0	Bartl	2,323	20	5	0	0	0	1965
545	Teichgraber	Nadel & Gussman	(W)Spencer	13198	Spencer	18-25-9E	40	0	Bartl	2,400	15	2	0	0	0	1967
546	Thrall-Aagard	Baker Oil Inc.	(D)Osmundson	10325	Osmundson	23-24-9E	46	?	Bartl	2,178	10	?	?	0	0	1963
547	Thrall-Aagard	Jones & Campbell, Inc.	(W)Thrall-Agard	12548	Cannon, Hawthorne	19-24-10E	20	5	Bartl	2,200	10	2	0	0	0	1966
548	Thrall-Aagard	Kenneth C. McKee	(D)Boone-Moore	13474	Boone, Moore	24,25-24-9E	160	---	Bartl	2,160	13	3	---	---	---	1967
549	Thrall-Aagard	Phillips Petroleum Company	(W)Greenwood Lease	9162		12-24-9E	40	?	Bartl	2,300	40	2	0	0	0	1962
550	Thrall-Aagard	Phillips Petroleum Company	(W)Lewis & Cannon	1035		11,12-24-9E	170	?	Bartl	2,300	50	11	6	0	0	1945
551	Thrall-Aagard	R.R. Riss, Sr.	(W)Bratton-Mansfield	8109	Bratton-Mansfield	13-24-9E	300	0	Bartl	2,300	20	22	12	0	3	1960
552	Thrall-Aagard	Sad Oil Co.	(P)Marshall D	14453	Marshall D	1-24-9E	240	240	Bartl	2,285	35	6	---	---	---	1966
553	Thrall-Aagard	The Shallow Water Ref. Co.	(W)Cartwright	2743		36-23-9E;1-24-9E; 6-24-10E	325	?	Bartl	2,200	35	11	11	0	3	1952
554	Thrall-Aagard	The Shallow Water Ref. Co.	(W)J.W. Martindell	1908	J.W. Martindell	31-23-10E	0	452	Bartl	2,300	50	0	3	0	?	1948
555	Thrall-Aagard	The Shallow Water Ref. Co.	(W)Moore Holverson	10734	Aagard, Hill, Holverson, Moore	23,25,26-24-9E	504	0	Bartl	2,120	20	16	4	5	0	1963
556	Thrall-Aagard	The Shallow Water Ref. Co.	(W)Thrall-McKee Consolidated	2226	George Miller, Ernestine Thrall, Louisa Thrall, Thrall-McKee Consolidated	28,29,32,33-23-10E	640	560	Bartl	2,300	31	14	11	1	0	1949
557	Thrall-Aagard	G.D. Smitherman	(W)Lewis & Cannon	9162*	Cannon, Lewis	11,12-24-9E	114	80	Bartl	2,250	30	11	8	0	0	1945
558	Thrall-Aagard	Vannocker & Ropfogel	(W)Eide-Hill Unit	7363*	Eide, Hill	26,27-24-9E	240	80	Bartl	2,170	20	7	0	0	0	1957
559	Thrall-Aagard	Vannocker & Ropfogel	(W)Osmundson	12156	Osmundson	23-24-9E	80	0	Bartl	2,235	10	3	0	0	0	1965
560	Virgil	Brunson-Spines	(W)Johnson	9922	Johnson	23-24-12E	450	0	Miss	1,700	15	14	0	0	1	1962
561	Virgil	French & Winterscheid, Inc.	(P)Dame	12482	Dame	12-24-12E	80	40	Miss	1,700	6	8	0	0	0	1966
562	Virgil	French & Winterscheid, Inc.	(P)Hout-Meyers	192	Hout, Meyers	10,11-24-12E	50	70	Miss	1,700	5	3	0	0	0	?
563	Virgil	Houston-Oklahoma Oil Co.	(P)West Virgil Pool	13251	Fleming, Mennonite, Sullivan, J.	11,14,15-24-12E	160	0	Miss	1,740	14	10	0	0	0	---
564	Virgil	Howard Johnson	(W)Johnson	2664	Johnson	16-24-12E	40	0	Bartl	1,600	15	1	2	0	0	1951
565	Virgil	Howard Johnson	(-)Martin	11118	Martin	17-24-12E	10	0	Bartl	1,675	20	1	0	0	0	1965
566	Virgil	Lewis C. Long	(P)	12408	Barnes, Sharp	7-24-13E	139	---	Miss	16	8	2	0	0	0	1966
567	Virgil	Sun Oil Company - DX Division	(W)West Virgil Wfd	7558	Bonnett, Geist, Sullivan, Wayham	13,14-24-12E	539	26	Miss	1,730	70	40	4	0	0	1958
568	Virgil	Vannocker & Ropfogel	(P)Gilbert	13347	Gilbert	3-24-12E	20	0	Miss	1,842	5	1	0	0	0	1967
569	Virgil North	Barbara Oil Company	(-)Schneider	1057	T.F. Schneider	10-23-13E	?	?	Bartl	1,600	25	?	?	0	0	1944
570	Virgil North	French & Winterscheid, Inc.	(P)Lovett-Shambaugh	3915	Lovett-McNeil, Shambaugh	22-23-13E	100	---	Miss	1,700	6	7	0	0	0	1956
571	Virgil North	French & Winterscheid, Inc.	(P)Shadel	221	Shadel	15-23-13E	120	60	Miss	1,800	6	6	0	0	0	1955
572	Virgil North	French & Winterscheid, Inc.	(P)L. Young	3259	L. Young	10-23-13E	40	40	Miss	1,800	6	4	0	0	0	1955
573	Virgil North	Houston-Oklahoma Oil Co.	(W)Virgil Pool	8069	W.G. Berry	28-23-13E	80	0	Miss	1,750	10	8	0	0	0	1959
574	Virgil North	Sun Oil Company - DX Division	(W)Griblin Wfd	8090	Griblin "B"	21-23-13E	10	0	Miss	1,750	30	7	7	0	0	1961
575	Virgil North	Sun Oil Company - DX Division	(P)Jones Wfd	6135	Dehlinger "A", Jones "A"	21,28-23-13E	40	3	Miss	1,670	55	10	10	0	0	1958
576	Virgil North	Sun Oil Company - DX Division	(D)Olinger "A" Wfd	6126	Olinger "A"	15-23-13E	10	0	Miss	1,720	30	4	0	0	0	1959



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data	
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, cumulative, bbl		
528	1	---	---	---	Irreg.	180	60	Prod		---	U	Grav	10/1	40	---	6,167	2,000	16,500	---	---	
529	13	17	0	0	3-spot	760	2,758	Prod + Bartl	1,900	T	S Gas	---	40	---	35,299	35,299	1,009,339	110,111	2,957,411		
530	2	0	1	0	Irreg.	Vac.	400	Prod + Bartl	1,900	-	Grav	---	39	---	4,061	4,061	146,000	9,296	255,500		
531	9	11	0	0	5-spot	1,100	115	Prod + Douglas	1,000	T	S Gas	2/1	43	4	28,139	28,139	375,042	2,790,519	25,851,127		
532	3	0	0	0	Irreg.	500	73	Prod + Douglas	700	T	Grav	10/90	39	?	7,060	7,060	80,000	151,737	604,000		
533	5	0	0	0	Irreg.	300	135	Prod + Douglas	600	T	Grav	?	42	?	11,775	9,000	237,000	75,000	1,345,000		
534	---	---	---	---	5-spot	---	---	Prod	---	T	S Gas	---	39	---	911	911	---	---	---		
535	33	0	1	0	5-spot	785	100	Prod	---	T	S Gas	---	42	---	83,978	83,978	1,061,255	---	---		
536	2	0	0	0	Irreg.	600	200	Prod + Douglas	800	T	Wat	---	41	---	1,574	1,574	146,000	?	?		
537	0	1	0	0	Irreg.	0	0	---	---	---	---	---	40	---	1,400	---	0	?	?		
538	2	0	0	0	Irreg.	75	125	Prod + Douglas	700	T	S Gas	3/1	41	?	11,627	5,500	72,000	30,000	362,000		
539	---	---	---	---	3-spot	Vac.	---	Prod	---	T	Grav	10/90	37	---	1,825	0	0	0	0	0	
540	3	2	0	0	5-spot	550	375	Prod + Douglas	1,400	T	Grav	---	42	5	14,209	14,209	322,000	133,771	1,460,700	*3293; †30-90	
541	16	11	0	4	Irreg.	700	224	Prod	---	T	S Gas	74/94	40	?	54,105	54,105	1,310,693	3,314,276	56,578,604	*173; 167	
542	1	1	0	0	Irreg.	452	604	Prod	---	T	Comb.	---	41	3	19,771	19,771	213,940	61,875	1,060,221		
543	1	4	0	0	Irreg.	636	235	Prod	---	T	Comb.	---	40	3	55,780	3,600	86,099	20,252	582,682		
544	2	0	0	0	5-spot	600	120	Prod + Douglas	1,290	U	S Gas	1/0	40	?	7,899	599	49,185	6,044	115,100		
545	2	0	0	0	Irreg.	1,250	85	Prod + Douglas	1,000	T	S Gas	90/10	41	---	11,650	3,250	62,230	5,250	97,670		
546	1	0	0	0	Irreg.	0	50	Prod	---	U	?	?	37	?	326	326	1,800	6,250	84,000		
547	1	0	0	0	Irreg.	500	125	Prod + Douglas	1,100	T	S Gas	10/20	40	40	2,232	2,232	50,007	---	122,007		
548	1	---	---	---	Irreg.	0	2	Prod	---	-	Grav	5/2	38	---	4,338	1,500	600	1,500	1,200		
549	1	1	0	0	5-spot	1,000	165	Prod	---	U	S Gas	1/0	40	5.5	3,148	3,148	40,387	87,035	438,112		
550	4	9	0	0	5-spot	830	200	Prod + Douglas	1,000	U	S Gas	1/0	41	5	8,560	8,560	198,375	1,121,279	13,515,157		
551	6	9	0	0	Irreg.	550	400	Prod + Douglas	1,200	T	Grav	60/40	39	?	44,793	44,793	636,000	892,313	6,271,953		
552	3	3	---	---	Irreg.	500	250	Prod + Douglas	1,206	T	Grav	---	39	---	8,581	8,581	---	?	255,500		
553	5	17	0	0	5-spot	456	125	Prod	---	T	S Gas	---	41	5	13,887	13,887	228,398	1,591,822	23,126,102		
554	0	2	0	44	5-spot	0	0	Prod	---	U	S Gas	---	40	4	869	869	0	2,522,725	23,032,364		
555	14	3	1	0	Irreg.	761	141	Prod + Douglas	1,000	T	S Gas	---	40	3.2	78,539	78,539	786,885	287,109	2,528,804		
556	10	9	0	0	5-spot	982	189	Prod + Douglas	1,200	T	S Gas	---	40	3.4	32,460	32,460	620,018	3,918,110	55,610,728		
557	4	11	0	0	Irreg.	800	764	Prod + Douglas	1,150	U	S Gas	5/95	39	---	11,945	11,520	277,860	1,125,359	13,601,896	*1035	
558	3	1	0	1	Irreg.	650	150	Prod + Douglas	1,065	T	Grav	1/3	40	---	14,800	9,000	275,000	---	---	*5774: 3800	
559	2	0	0	0	Line	900	75	Prod + Douglas	1,065	T	Grav	1/7	41	---	6,280	5,000	55,000	22,500	125,000		
560	15	6	1	0	5-spot	840	495	Prod + Arbuc	2,100	T	S Gas	38/70	38	?	28,688	28,688	2,717,850	195,692	6,497,945	*Converted	
561	1	0	0	0	Irreg.	300	300	Prod	---	T	S Gas	1/1	38	---	6,148	6,148	79,000	?	?		
562	1	0	0	0	Irreg.	130	125	Prod	---	T	Wat	40/60	39	---	6,244	3,122	30,000	12,477	66,000		
563	---	---	---	---	5-spot	†	160	Prod	1,740	T	Grav	1/6	39	---	20,200	7,200	100,000	38,172	750,860	*7811: †75-180	
564	1	1	0	0	Irreg.	550	200	Prod + Douglas	700	T	Grav	---	39	---	900	300	70,000	---	500,000		
565	1	0	0	0	Irreg.	45	50	Prod	---	T	S Gas	---	39	---	285	---	18,000	2,300	66,000		
566	1	0	0	0	Irreg.	0	35	Prod	---	U	Grav	---	38	---	1,750	500	10,000	500	10,000		
567	8	11	0	0	3-spot	*	422	Prod + Arbuc	2,200	U	S Gas	---	40	3.4	40,349	40,349	1,272,819	1,370,591	10,017,847	*95-500	
568	1	0	0	0	Line	150	65	Prod	---	T	Grav	1/8	39	---	906	250	24,000	500	48,000		
569	2	0	0	0	Irreg.	400	218	Prod	---	U	S Gas	?	39	?	12,221	?	80,000	?	?		
570	1	0	0	0	Irreg.	50	230	Prod	---	T	S Gas	55/45	36	---	4,752	2,376	900,000	25,587	1,800,000		
571	1	0	0	0	Irreg.	150	300	Prod	---	T	Wat	1/1	36	---	3,282	1,641	900,000	21,000	1,812,000		
572	1	1	0	0	Irreg.	80	120	Prod	---	T	S Gas	55/45	36	---	2,053	1,026	30,000	14,300	358,000		
573	4	0	0	0	Irreg.	250	115	Prod	---	M	Wat	1/3	37	---	14,420	7,000	167,856	71,800	1,196,456		
574	8	0	0	0	Irreg.	*	384	Prod + Miss	1,750	U	S Gas	---	40	3.4	13,021	13,021	1,125,735	65,830	4,018,073	*250-800	
575	3	7	0	0	Irreg.	*	352	Prod	---	U	S Gas	---	39	3.5	28,856	28,856	280,921	128,529	1,203,251	*400-600	
576	1	0	0	0	Irreg.	Grav.	45	Prod	---	U	S Gas	---	38	3.5	3,061	3,061	16,567	42,971	146,681		

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Nome	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
GREENWOOD Cont.																
577	Virgil North	Sun Oil Company - DX Division	(D)Shadel Wfd	5838	Shadel	15-23-13E	160	80	Bartl	1,540	30	3	0	0	0	1938
578	Virgil North	Vannocker & Crane	(P)Berry-Newman	6144	Berry, Newman	32-23-13E	80	0	Miss	1,750	15	3	0	0	1	1962
579	Virgil North	Vannocker & Crane	(P)Schindler, E. Berry & M.G. Berry Unit	11986 11806	E. Berry, M.G. Berry, Schindler	27-23-13E	60	0	Miss	1,790	13	2	0	1	0	1964
580	Virgil North	The Vannocker Oil Company	(D)Schneider	14231	Schneider	9-23-13E	10	80	Miss	1,770	12	1	0	0	0	1968
581	Wiggins	George A. Barnard	(W)Wiggins Wfd	5325	Nixon, Wiggins	25-24-10E;30-24-11E	80	400	Cattleman	1,830	15	2	1	0	2	?
582	Wilkerson	E.W. Sauder	(P)Olsen Lease	11069	Olsen	6-25-9E	30	0	Cattleman	2,100	20	3	0	0	0	1964
583	Wilkerson	Geo. E. Sauder	(W)Wilkinson	11036	Carrington, Wilkinson	6,7-25-9E	20	0	Cattleman	2,100	30	20	0	0	0	1964
584	Willow Creek	Sauder & Sauder	(W)Warren	13840	Warren	6-23-11E	40	0	Bartl	2,050	20	4	0	---	0	1968
585	Zimmerman	R.R. Riss, Sr.	(W)Zimmerman	14342	Zimmerman	19-23-10E	320	---	Bartl	2,300	18	0	0	0	0	1968
HARPER COUNTY																
586	Gish	Skelly Oil Company	(W)A.C. Gish	5997	A.C. Gish	17,20-31-6W	250	0	Simpson	4,710	27	0	0	0	0	1957
587	Spivey-Grabs-Basil	Drillers Production Co., Inc.	(W)Wingate Lease	13901	Wingate	7-31-8W	0	0	Miss	4,369	15	0	0	2	0	1967
HARVEY COUNTY																
588	Burrton	Drillers Production Co., Inc.	(W)Bott Unit	13454	Bott Unit	6,7-23-3W	1,260	0	Miss	3,350	20	36	0	0	0	1967
589	Burrton	Home-Stake Production Co.	(W)Burrton Wfd Project	10087		8,17,18,19,20,29, 30,31-23-3W	1,444	0	Miss Chat	3,400	35	58	0	0	10	1963
590	Burrton	Venus Oil Company	(W)Short	13388	Short	8-23-3W	80	80	Miss	3,359	23	6	0	0	0	1967
591	Burrton & Burrton North	Venus Oil Company	(W)Vogt	13387	Vogt	5-23-3W	160	160	Miss	3,371	23	2	0	0	0	1967
592	Halstead	Oil Property Management, Inc.	(D)Ruth-Haury Unit	11899	Haury, Ruth	11,14-23-2W	80	80	Miss	2,975	10	1	---	---	---	1965
593	Halstead	Warren R. Winne	(P)Graber-Keller	10573	Graber, Keller	35-22-2W;1-23-2W	0	160	Miss	2,981	79	0	3	0	4	1964
594	Hollow-Nikkel	Donald T. Ingling	(W)A. & L. Schmidt	12220	A. Schmidt, L. Schmidt	5-22-3W	140	0	Hunton	3,483	20	5	0	0	0	1965
595	Hollow-Nikkel	Kantor Oil Company	(W)Hollow-Nikkel Wfd Unit	14471 11005	Duerksen, Dyck, Hiebert, Neufeld, Nikkel, Schroeder, Siemens	5,8-22-3W	240	120	Miss + Hunton	3,200 3,500	10 22	20	0	0	0	1964
HARVEY-McPHERSON COUNTIES																
596	Harmac	Independent Lease Management Company	(P)Harmac Unit	6889	Harmac Unit	35,36-21-3W;1,2- 22-3W	350	300	Hunton	3,550	8	2	1	0	3	1959
597	Hollow-Nikkel	Independent Lease Management Company	(W)Hollow-Nikkel Wfd Project	10729	Hollow-Nikkel Unit, Schroeder Unit	32,33-21-3W;4-22-3W	960	160	Hunton	3,500	20	13	3	1	0	1963
HODGEMAN COUNTY																
598	Eakin Northwest	Beardmore Drilling Company	(P)Huling Lease	11855	Huling, Mooney, Waterhouse "A"	15,16,22-21-21W	120	120	Miss	4,325	15	3	0	0	0	1965
599	Hallet	Kewanee Oil Company	(P)Hallet Wfd	7630		15,22-22-25W	960	0	Miss	4,597	64	12	0	0	0	1960
600	Hanston-Oppy	Sun Oil Company - DX Division	(P)S. Bamberger Repressuring	13232	S. Bamberger	20-22-22W	640	0	Miss	4,528	22	6	0	0	0	1966
601	Oppy South	Beardmore Drilling Company	(P)Clifton Lease	12365	Clifton	1-23-23W	80	40	Miss	4,430	9	2	0	0	0	1966
JACKSON COUNTY																
602	Leach	Eureka Drilling Company	(D)Leach	12576	Leach	15-7-13E	---	---	Hunton	2,700	10	1	0	0	0	1966
JOHNSON COUNTY																
603	Gardner	C.G. Frisby	(-)	12958	Gordon	23-14-22E	---	---	---	---	---	---	---	---	---	---
604	Gardner	Mo-Kan Oil Group	(D)	11601 11600	Bigelow, Griffin, McCann, McCann A, McCann B, McCann C-K	14,15-14-22E	200	40	Bartl	825	8	3	---	1	2	1964

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
577	1	4	0	0	Irreg.	Grav.	98	Prod	---	U	S Gas	---	39	4.5	2,772	2,772	35,690	141,989	16,899,645	
578	1	1	0	0	Irreg.	200	450	Prod	---	T	Grav	1/5	39	---	3,750	1,500	165,000	9,200	821,500	
579	2	0	0	0	Irreg.	450	300	Prod	---	T	Grav	1/5	39	---	8,200	3,500	110,000	10,600	459,000	
580	1	0	0	0	Irreg.	Vac.	150	Prod	---	T	Grav	1/7	39	---	2,500	700	54,000	700	54,000	
581	1	5	0	0	5-spot	650	400	Prod	---	U	S Gas	---	38	---	3,069	3,069	146,000	15,394	562,000	
582	1	0	0	---	Irreg.	160	160	Prod + Douglas	1,020	T	Grav	75/25	37	---	6,100	3,500	58,000	18,800	262,000	
583	1	0	0	0	Irreg.	450	90	Prod + Douglas	1,000	T	Grav	?	39	?	4,861	2,000	34,000	6,300	142,000	
584	1	0	0	0	5-spot	200	12	Prod + Douglas	1,050	T	Gas Exp*	90/10	40	?	55,058	550	4,000	550	4,000	* Grav
585	1	---	---	---	Irreg.	700	1,000	Prod + Douglas	1,300	T	Grav	1/3	37	---	769	0	53,000	0	53,000	
586	1	0	0	0	Irreg.	0	307	Prod	---	U	Wat*	?	48	?	392	0	111,986	0	2,084,346	* S Gas
587	1	0	0	1	Irreg.	1,000	400	Prod	---	U	Wat + S Gas	1/4	26	---	11,208	0	61,443	0	61,443	
588	2	0	0	0	Irreg.	Vac.	603	Prod	---	U	Wat + S Gas*	1/8	37	---	57,118	2,282	441,408	2,282	710,725	* Gas Exp
589	50	0	0	2	5-spot	209	542	Prod + Equus Beds	75	T	S Gas	?	36	---	177,034	177,034	9,879,420	1,292,716	50,168,323	
590	1	0	0	0	Irreg.	Vac.	975	Prod + Purchased	---	*	Wat	1/15	38	?	13,452	13,452	355,948	19,374	540,303	* SWD
591	1	0	0	0	Irreg.	Vac.	740	Prod + Purchased	---	*	Wat	1/22	38	?	6,009	6,009	270,049	8,393	429,139	* SWD
592	1	---	---	---	Irreg.	0	45	Prod	---	U	S Gas	10/35	--	38	2,500	0	8,000	0	30,000	
593	0	1	0	1	Irreg.	?	?	Prod	---	-	Wat*	---	30	?	0	0	0	0	105,000	* Grav
594	1	0	0	0	Irreg.	520	1,120	Equus	---	F	Grav	---	40	---	52,602	?	408,853	400,000	1,898,154	
595	1	0	0	0	Peri.	675	3,035	Prod + Equus Beds	35	M	Wat + S Gas	1/3	42	?	153,902	153,902	1,107,700	654,000	3,810,000	
596	1	0	0	1	Peri.	150	800	Prod	---	U	Wat + S Gas	2/5	40	?	8,075	8,075	367,450	518,455	4,375,635	
597	2	0	0	0	Peri.	880	3,023	Equus Beds	25	F	S Gas + Grav	14/20	40	?	95,331	95,331	2,213,271	645,527	12,339,790	
598	1	0	0	0	Irreg.	600	276	Prod + Cedar Hills	900	U	Wat	---	35	?	56,442	15,000	100,605	35,000	391,524	
599	5	1	0	0	Peri.	1,412	463	Prod + Gravel	410	F	Wat	3/1	38	?	90,482	71,387	848,114	675,624	5,288,414	
600	1	1	0	0	Irreg.	275	1,297	Prod	---	U	Wat	5/54	36	?	55,983	2,000	473,439	6,000	1,021,254	
601	1	0	0	0	Irreg.	560	343	Prod	70	M	Wat	---	36	?	18,671	4,000	125,209	14,000	342,387	
602	1	0	0	0	Irreg.	0	100	Prod	---	T	Wat	1/1	27	---	2,000	1,000	36,000	6,000	36,000	
603	---	---	---	---	---	---	---	Prod + Squirrel	851	M	Wat	---	20	---	1,200	?	---	?	---	
604	6	1	0	1	Irreg.	25	120	Prod + Burgess-Miss	1,000	U	Wat	70/30	21	?	11,500	7,000	43,000	25,000	160,000	

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
KINGMAN COUNTY																
605	Alameda	Texaco Inc.	(P)Alameda Unit	13079		22,26,27,28,33,34-28-7W	1,640	0	Viola-Simp	4,345	10	15	20	0	0	?
606	Casley	Petroleum Management, Inc.	(W)Casley	5422	Casley	11-28-5W	80	0	Miss	3,780	9	1	1	0	0	1957
607	Cunningham	Skelly Oil Company	(W)Cunningham	8651	Miles "A", Miles "B"	19,30-27-10W	320	0	Lans-KC	3,400	8	6	0	0	0	1961
608	Orsemus	Texaco Inc.	(P)Orsemus	12870	Jake Graber, B.J. Stucky, O.W. Tanner	30-29-5W	150	---	Viola-Simp	4,475	10	2	0	0	2	1966
609	Reida East	Shaw Drilling Company	(P)Riggs Lease	12975	Riggs	16,17-30-6W	160	0	Miss	4,094	15	1	---	0	0	1966
610	Spivey-Grabs-Basil	Drillers Prod. Co., Inc.	(W)Krehbiel Lease	13534	Krehbiel	26-29-7W	0	120	Miss	4,200	20	0	0	0	2	1967
611	Spivey-Grabs-Basil	Sun Oil Co. - DX Division	(D)Higgins	5576	Higgins	9-30-8W	80	0	Miss Chat	4,185	45	1	0	0	0	1957
KINGMAN-PRATT COUNTIES																
612	Cunningham	Skelly Oil Company	(W)Cunningham "B" Unit	6106	J.A. Hoagland, Interurban Realty Co., Krehbiel "A", C.H. Lakin, East Maxedon, South Maxedon, West Maxedon #1 & #3, West Maxedon #2, G.D. Miller, John Miller, C.J. Moore, J.M. Ratcliff, North Ratcliff	19,30,31-27-10W; 24,25,36-27-11W	800	575	Lans-KC	3,400	16	13	0	0	0	1958
KINGMAN-SEDGWICK COUNTIES																
613	Bartholomew	The Shallow Water Ref. Co.	(W)Bartholomew Unit	5288	Bartholomew Unit	29,30,31-27-4W;36-27-5W;6-28-4W;1-28-5W	0	0	Miss	3,700	11	0	0	0	1	1957
KIOWA COUNTY																
614	Fruit	J. Mark Richardson	(P)Isham Unit	14550	Boles, Davis, Fankhouser, White, Woodard	27,29,32,33-27-16W	640	0	Kinderhook	4,630	20	8	0	0	0	1968
615	Nichols	Gulf Oil Corporation	(W)Nichols Unit	14366	Hazel Beals, K. Brown, K. Brown "A", K. Brown "B", K. Brown-Falcon, Grace Dunn, M. Greenwood, R.P. Janson, V.H. Koehn, Lewis "C", McGary, Pardoe, Parkins, Parkins A, Parkins "B", Parkins "C", Geo. Parkins "A", J.C. Parkin, Schmidt, C. Schmidt "A", Schmidt-Francis, Schmidt, Mary, Fay Thorn, Unruh "B", Willems, Frank Yohn, H.W. Zentz	20,27,28,29,31,32,33,34-29-18W;5,6-30-18W	640	0	Miss Chert	4,904	54	0	0	0	0	1968
LABETTE COUNTY																
616	Chetopa Townsite	Tenneco Oil Company	(A)Roy E. Davis Unit	14485	Roy E. Davis, Roy E. Davis	3-35-21E	12	0	Bart1	90	40	15	0	0	0	1968
617	Chetopa Townsite	Tenneco Oil Company	(W)Roy E. Davis Unit	11823	Roy E. Davis, Roy E. Davis	3-35-21E	120	0	Bart1	90	40	18	0	0	0	1965
618	Coffeyville-Cherryvale	Dodson Drilling Company	(W)Perry	9483	Eddie Perry	25-32-17E	20	0	---	650	15	7	3	2	---	1962
619	Mound Valley	Robert J. Shryock	(W)Beard & Kudrick	5125	Beard, Ellis, Kudrick, McDole	22,23,27-32-18E	480	---	Bart1	650	20	14	2	0	0	---
620	Mound Valley	Vot Oil Company	(-)Merrick	6323	Merrick	33-32-18E	160	0	Bart1	580	20	12	0	0	0	1958
621	Price	APCO Oil Corporation	(W)Byers Unit	10338	Byers Unit-O'Connell, Dowell-Dodd, Helwig	12-33-17E;7,8-33-18E	300	0	Bart1	600	200	82	14	0	0	?
LABETTE-MONTGOMERY COUNTIES																
622	Coffeyville-Cherryvale	SeKan Drilling Company	(P)Country Club Flood	11991	Price, Spradling	26,27-32-17E	40	0	Bart1	660	30	4	0	0	0	1965

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data	
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, cumulative, bbl		
605	0	0	0	0	Peri.	0	---	---	---	-	Wat	3/1	43	.71	1,259,970	0	0	---	---		
606	1	0	0	0	Irreg.	150	85	Prod	---	U	S Gas	2/3	36	---	4,173	1,960	30,600	9,429	490,523		
607	4	0	0	0	Irreg.	0	308	Shallow	80	M	S Gas	?	34	?	19,861	19,861	450,090	301,722	2,557,951 <sup>†</sup>	*7702; †7,102,162mcf	
608	1	0	0	0	Irreg.	350	2,300	Prod	---	U	Wat	2/1	50	1	125,682	---	853,783	---	1,196,742		
609	1	0	0	0	---	---	---	Prod	---	-	Wat*	---	34	---	526	0	20,000	0	68,000	*S Gas	
610	1	0	0	1	Irreg.	Vac.	200	Prod	---	U	Wat*	1/5	31	---	658	0	40,579	0	67,456	*S Gas + Gas Exp	
611	1	0	0	0	Irreg.	550	56	Prod	---	T	S Gas	23/10	36	3.1	232	232	20,401	6,280	251,562		
612	10	3	0	0	Irreg.	90	235	Prod + Shallow Sd	80	M	S Gas	?	36	?	40,374	40,374	856,834	549,934	13,373,331 <sup>†</sup>	*102,258mcf	
613	0	4	0	3	Peri.	0	0	Arbuc	4,227	U	Wat + S Gas	---	36	?	24,191	0	0	204,433	9,369,243		
614	1	0	0	0	Irreg.	Vac.	150	Prod	---	U	Comb.	80/20	35	---	45,738	0	44,750	0	54,750		
615	10	0	0	0	5-spot	Vac.	548	Prod + Arbuc	5,558	U	S Gas	1/6	36	---	42,004	0	82,160	0	82,160		
616	1	0	1	0	Irreg.	100	0*	---	---	-	?	?	17	?	1,500	1,500	0 <sup>†</sup>	1,500	0 <sup>†</sup>	460mcf; †77,000mcf	
617	8	0	1	0	Irreg.	180	?	Prod + Roubidoux	1,230	U	?	?	17	?	15,839	15,839	434,376	84,763	531,677		
618	2	0	0	0	Irreg.	250	---	Prod	---	U	?	40/60	22	---	3,812	1,500	15,000	21,500	120,000		
619	10	4	0	0	Irreg.	330	33	Prod + Arbuc	1,500	T	Wat	---	31	---	1,780	1,780	---	1,780	---		
620	1	0	0	0	Line	0	10	Prod	---	U	Gas Exp	---	32	---	---	0	---	---	---	---	
621	28	2	0	0	Irreg.	490	33	Prod + Arbuc	1,400	M	S Gas	?	30	?	11,830	11,830	341,963	103,166	2,232,022		
622	1	0	0	0	Irreg.	450	75	Prod + Miss	1,100	T	Grav	1/6	34	34	4,500	1,500	36,000	5,700	126,500		

No.	Field name	Operator	Type and project name	Conser- vation no.	Nome of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
LINN COUNTY																
623	Goodrich-Parker	Buddrus & Wood	(-)Linn Flood	9576	Mowry, Nolan, Underhill	23,26-19-22E	45	---	Bartl	670	12	9	---	---	---	1963
624	Goodrich-Parker	Marmon Oil Co.	(P)Goodrich Group	3165	Bearly, Brownrigg, Byerly, Cox, Green, Wooten	20-20-22E	300	0	Squirrel	600	30	99	0	0	2	1943
625	LaCygne-Cadmus	Dakota Oil Co.	(S)	12867	Harvey	5-20-23E	0	0	Peru	---	---	---	0	---	0	---
626	LaCygne-Cadmus	Robert A. Mason	(-)	12025	Persons	10,11-20-23E	70	22	---	210	12	30	0	0	0	1965
627	LaCygne-Cadmus	Robert A. Mason	(W)Lee	454	Laura Lee	10-20-23E	80	0	Peru	220	12	30	0	0	0	1955
628	LaCygne-Cadmus	Paul W. Schuster	(W)LaCygne	3150	Wilber L. Scott	34,35-19-23E;2,3- 20-23E	80	0	Peru	250	20	20	0	0	0	?
LINN-MIAMI COUNTIES																
629	Beagle	Robert A. Mason	(W)	13055	Cook-Day	15,22-19-22E	40	0	Squirrel	480	15	14	---	0	0	1968
LYON COUNTY																
630	Atyeo-Pixlee	Chas. Gould et al	(D)C.S. Jones	1871		30-21-10E	160	---	Bartl	---	---	4	---	1	0	1948
631	Atyeo-Pixlee	Chas. Gould et al	(-)Lowe Jones	4314		19-21-10E	---	---	Bartl	2,195	8	3	0	2	0	1954
632	Ly-Green	Leland Dreyer	(D)R.B. Byrd	5004	R.B. Byrd	32-21-11E	110	0	Bartl	1,900	17	0	0	0	0	1956
633	Rock Creek	C.E. Murphy	(P)Murphy	5671	Murphy	29,32-21-11E	480	0	Bartl	1,920	14	7	2	2	1	---
McPHERSON COUNTY																
634	Chindberg	George R. Hess	(P)Swanson SWD	5631	Swanson	13-19-3W	80	0	Miss	2,990	36	1	0	0	0	1957
635	Elyria	Herman J. Schrag	(W)Schrag Flood	14203	Goering, Schrag	26-20-3W	80	0	Miss	3,090	3	3	0	0	0	1968
636	Georob	Colorado Oil Company	(D)Robinson Lease	7365	Robinson	1-18-2W	40	0	Miss Chat	2,790	7	3	0	0	0	1959
637	Georob	Colorado Oil Company	(D)Robinson "A"	12188	Robinson "A"	36-17-2W	40	0	Miss Chat	2,734	11	1	0	0	0	1965
638	Graber	Cities Service Oil Company	(W)Graber	3017	Jones, Jones B	31,32-21-1W	20	40	Hunton	3,285	25	2	0	0	2	1952
639	Graber	Continental Oil Company	(W)Graber-Hunton	2434	J.M. Boechner, J.C. Goering, A.K. Graber, C.C. Graber, A. Hetzke, F.A. Hetzke, J.A. Huxman, C. Jones "A", D.B. Jones "A", A.E. Kindblade	20,29,30,31,32-21-1W	670	186	Hunton	3,280	40	15	2	0	0	1947
640	Hollow-Nikkel	George R. Hess	(P)Schroeder	13798	Schroeder	28-21-3W	80	0	Hunton	3,418	20	0	0	0	0	1967
641	Jenday	Alfred Koehn	(D)Ryno SWD	5715	Russell	6-19-1W	80	?	Miss Chat	2,949	10	2	0	0	0	?
642	Jenday	Alfred Koehn	(D)Wedel B	1295	Genung, Smith, Wedel A, Wedel B, Susie Wedel	6,7,8-19-1W	?	?	Miss Chat	2,958	20	0	0	0	0	?
643	Lindsborg	Millneva Oil Co.	(D)R.A. Johnson	11527	R.A. Johnson	19-17-3W	160	0	Maquoketa	3,370	10	1	0	0	0	1965
644	Lindsborg	Dale Reese Oil Co.	(W)F. Johnson	12269	Comm "B", Frank Johnson	8-17-3W	40	0	Viola	3,361	10	1	0	0	0	1967
645	McPherson	Leonard L. Bruce	(D)Rolander	6179	Rolander	30-18-2W	10	0	KC	2,340	10	1	0	0	0	1958
646	McPherson	Lawrence & Bush	(W)Anderson B & Johnson	10429 7085	Anderson A, Anderson B, Chindberg, Johnson	30,31,32-18-2W	320	0	KC	2,300	10	13	---	0	0	1959
647	McPherson	Mead Production Co.	(W)O.T. Bentson	7951	O.T. Bentson	32-18-2W	60	20	KC	2,350	12	3	0	0	0	1960
648	Paden	Glickman Oil Company	(P)South Paden Unit	13383	Fortner, Holderman, Klewer, State "A", State "B", State "C", State "E", State "F", State "G", State "H"	16,21,22,28-18-1W	330	0	Miss	2,800	15	14	2	0	0	1967
649	Ritz-Canton	Colorado Oil Company	(P)Lacquement Lease	8813	Lacquement	20-19-1W	40	10	Miss	2,942	208	2	0	0	0	1961
650	Ritz-Canton	George R. Hess	(P)Flook SWD	5682	Flook, Johnson	1-20-2W	320	0	Miss	2,945	8	2	0	0	0	1958
651	Ritz-Canton	George R. Hess & Larry Moore Ranch	(P)Thompson B	8148	Thompson B	22-19-2W	240	0	Miss	2,943	25	4	0	0	0	1960
652	Ritz-Canton	George R. Hess	(P)H.P. Unruh	5630	Maude Smith, H.P. Unruh	16-19-2W	160	0	Miss	2,976	25	4	0	0	0	1957
653	Ritz-Canton	Hillenburg Oil Co.	(D)Eaton	7971		23,26-19-2W	240	0	Miss	2,930	40	7	0	0	0	?
654	Ritz-Canton	Hillenburg Oil Co.	(D)F.A. Lovett	9787	F.A. Lovett	13-19-2W	160	40	Miss	2,927	30	3	0	0	0	?
655	Ritz-Canton	Hillenburg Oil Co.	(D)Unruh	6975	Unruh	34-19-2W	160	40	Miss	2,932	6	4	0	0	0	?
656	Ritz-Canton	Frank Jones Oil Operations	(P)Ritz-Canton Field	14280	Finkle, C.R. Johnson, Lovett, B.H. Russell, Opal Russell	23,24-19-2W	400	80	Miss	2,900	8	14	6	0	0	1952
657	Ritz-Canton	Kirby Petroleum Co.	(P)Lively	4031	Anderson "A", Anderson "B", J.J. Koehn, R.J. Koehn, Lively, Rishel "A", Rishel "B", Robertson, Scott, Sunderman, Unruh "B"	21,22,27,28,33-19-2W	0	0	Miss	2,950	8	0	0	0	0	1954
658	Ritz-Canton	Alfred Koehn	(D)Miller SWD	5844	Becker	36-19-2W	0	?	Miss Chat	2,960	22	0	0	0	0	?
659	Ritz-Canton	Alfred Koehn	(D)Unruh SWD	3476	Unruh	26-19-2W	0	?	Miss Chat	2,934	40	0	0	0	0	?

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
623	7	---	---	1	Irreg.	475	20	Prod + Hertha	280	M	S Gas	10/1	29	*	3,381	3,381	46,219	19,056	347,806	*47 @ 100°
624	96	0	0	3	5-spot	600	20	Prod + Arbuc	1,400	T	Gas Exp	?	29	?	12,362	12,362	2,366,212	595,829	12,376,447	
625	---	---	---	---	5-spot	?	?	Surface	---	F	Grav	75/25	28	18	790	---	---	?	---	*Future
626	22	0	0	0	5-spot	200	22	Prod + Lake	---	F	S Gas	---	25	60	8,717	8,717	154,616	29,000	600,000	
627	26	0	0	0	5-spot	200	15	Prod + Lake	---	F	S Gas	---	25	60	6,913	6,913	139,000	91,000	600,000	
628	20	0	0	0	5-spot	100	25	Prod + Arbuc	1,040	M	Grav	?	30	?	3,450	3,450	15,000	253,450	?	
629	13	0	0	0	5-spot	300	22	Prod + Pond	---	F	S Gas	5/1	27	20	7,187	7,187	34,790	7,187	34,790	
630	1	0	---	---	Irreg.	0	150	Prod	---	U	Wat	---	40	---	10,950	0	45,600	10,950	?	
631	1	0	0	0	Line	350	0	Prod + KC	1,460	U	---	---	38	---	10,800	10,000	9,000	26,978	340,124	
632	1	0	0	0	Line	0	35	Prod	---	U	Grav	?	40	---	634	0	9,000	0	?	
633	2	0	0	0	Line	150	---	Prod	---	U	Grav	1/5	39	---	6,890	6,890	73,000	---	---	
634	1	0	0	0	Irreg.	0	400	Prod	---	U	Wat	30/70	35	?	581	0	146,000	0	585,975	
635	1	0	0	0	5-spot	100	50	Prod + Shallow Sd	80	M	S Gas	1/10	36	?	1,386	1,386	13,500	1,386	13,500	
636	1	0	0	0	Irreg.	Vac.	154	Prod	---	U	Wat	1/8	35	---	6,198	2,381	56,273	14,195	275,829	
637	1	0	0	0	Irreg.	Vac.	298	Prod	---	U	Wat	1/95	31	---	766	0	108,885	0	414,154	
638	2	0	0	0	Irreg.	300	103	Prod	---	U	S Gas	1/0	40	?	8,741	8,741	207,511	377,556	1,270,697	
639	13	2	0	0	Irreg.	0	279	Prod	---	U	S Gas	?	41	---	55,927	55,927	1,328,087	5,045,377	43,525,924	
640	1	0	0	0	Irreg.	0	150	Prod	---	U	Wat	90/10	40	---	7,098	7,098	54,750	33,761	67,350	
641	1	0	0	0	Irreg.	Vac.	500	Prod	---	T	Grav	3/97	37	---	6,500	0	180,000	?	?	
642	0	0	0	0	Irreg.	Vac.	300	Prod	---	T	Grav	2/98	34	---	8,200	0	108,000	0	0	
643	1	0	0	0	5-spot	0	300	---	42	F	Wat	1/99	36	?	3,019	1,510	73,000	9,674	242,700	
644	1	0	0	0	Line	0	350	Prod + Equus Beds	68	T*	Wat	75/25	34	---	6,711	2,172	127,750	2,972	263,750	M
645	1	0	0	0	Line	0	15	Prod	---	U	Wat	25/75	34	---	1,095	0	5,465	0	60,215	
646	2	0	0	0	Irreg.	315	266	Prod + Miss	2,900	U	S Gas	80/20	--	36	16,156	12,735	194,652	139,252	1,188,343	
647	1	0	0	0	Irreg.	25	150	Prod + Miss	3,000	U	S Gas	90/10	36	?	3,236	3,236	53,457	65,073	491,118	
648	8	1	0	0	Peri.	50	260	Prod + Penn	1,500	T	S Gas	1/10	37	4	13,841	1,420	755,166	1,420	900,000	
649	1	0	0	0	Irreg.	Vac.	276	Prod	---	U	Comb.	1/19	34	---	3,105	3,105	101,105	15,173	684,345	
650	1	0	0	0	Irreg.	0	240	Prod	---	U	Wat	70/30	35	?	2,461	0	87,600	0	299,500	
651	4	0	0	0	Irreg.	0	50	Prod	---	U	Wat	40/60	35	?	0	0	21,900	3,075	211,245	
652	1	0	0	0	Irreg.	0	210	Prod	---	U	Wat	1/1	35	?	9,325	0	76,650	0	662,650	
653	0	0	0	0	Irreg.	Vac.	900	Prod	2,930	U	Grav	?	36	---	16,060	8,030	?	?	?	*7969
654	1	0	0	0	Irreg.	Vac.	1,800	Prod	---	U	Grav	?	34	---	8,760	4,380	?	?	?	*2089
655	0	0	0	0	Irreg.	Vac.	140	Prod	---	U	Grav	?	36	---	6,570	1,743	?	?	?	
656	4	0	0	0	Irreg.	0	400	Prod	---	U	Grav	8/92	35	?	95,000	35,000	700,000	?	?	*7617; 7253; 4565; 3286
657	1	0	0	0	Irreg.	0	2,001	Prod	---	-	Wat	---	36	---	60,544	0	732,366	?	?	
658	1	0	0	0	Irreg.	Vac.	150	Prod	---	T	Grav	2/98	34	?	2,200	0	5,000	0	?	
659	1	0	0	0	Irreg.	Vac.	600	Prod	---	T	Grav	2/98	34	---	2,600	0	200,000	?	?	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
McPHERSON Cont.																
660	Ritz-Canton	Simon Lebow Corporation	(D)Becker	3500	J.J. Becker, P.J. Becker	36-19-2W	120	0	Miss	2,935	33	2	0	0	0	1953
661	Ritz-Canton	Ray Perera	(P)Drum-Somers	7076		35-19-2W	160	0	Miss-Viola	2,965 <sup>+</sup>	20 <sup>+</sup>	1	3	0	0	1958
662	Ritz-Canton	Norris Tickel	(D)Rishel Unit	3803	Bishop, Dielman, Rishel	35-19-2W	320	0	Miss Chat	2,900	12	11	1	---	0	1954
663	Ritz-Canton	Norris Tickel	(D)Thomas Unit	8174	Lewis, Thomas, Williams	26-19-2W	---	---	Miss Chat	2,910	*	10	---	1	0	1960
664	Roxbury South	Guy Schulz	(D)Boyd Disposal	3219		20-17-1W	---	---	Miss Chat	2,650	88	3	0	0	0	---
665	Roxbury South	White Hawk Oil Company	(D)Bishop Unit	6463	Bishop, Lilly	30-17-1W	120	0	Miss	2,685	5	2	0	0	0	1958
666	Voshell	Law & Spear	(P)J. Koehn	2840	J. Flaming, J. Koehn, P.A. Koehn, J. Stucky "A"	9,16-21-3W	50	30	Miss-Viola- Simp-Arbuc	3,017	15	3	0	0	0	1951
667	Welch-Bornholdt	R.R. Rhyne	(D)Geiman-King-Neel	12520	Geiman, King, Neel	30-19-5W	5	0	Penn Congl	3,420	8	0	0	0	0	1966
McPHERSON-MARION COUNTIES																
668	Goessel	Donald C. Slawson	(W)Goessel Hunton	13747	Goessel Hunton Wfd Unit	6-21-1E;1,12-21-1W	60	0	Hunton	3,400	10	4	0	0	0	1968
McPHERSON-SALINE COUNTIES																
669	Gypsum Creek	George R. Hess	(P)Buckeye "C" SWD	4038	Bukey D, Van Meter A, Van Meter B	32-16-1W;5-17-1W	240	0	Miss	2,622	20	4	0	0	0	1954
MARION COUNTY																
670	Lost Springs	Clarence W. Burnette	(D)Martin Lease	6630	Martin	2-17-4E	320	---	Miss	2,290	15	6	2	0	2	?
671	Lost Springs	Frank Jones Oil Operations	(D)Lost Springs	9545	Bevan	27-17-4E	160	0	Miss	2,400	15	3	1	0	0	1958
672	Lost Springs	Roland Jones	(D)Huna Project	13045	B. Benda, A. Melcher	20-18-4E	640	320	Miss	2,402	40	4	4	0	2	1966
673	Lost Springs	Okmar Oil Company	(W)Kaiser	13411	Kaiser	33-17-4E	120	0	Miss	2,350	50	1	0	0	0	1967
674	Lost Springs	Okmar Oil Company	(D)Novak A	13338	Novak A	28-17-4E	50	0	Miss	2,383	20	1	0	0	0	1960
675	Unger	Cities Service Oil Company	(W)Good "B", Loewen A Unit	13156	Good B, Loewen A	18-21-3E	20	0	Hunton	2,800	8	1	0	0	0	1966
MEADE COUNTY																
676	Adams Ranch	Cities Service Oil Company	(D)Adams Ranch Field	6354	Adams J	25-34-30W	80	80	Marmaton	5,368	4	1	0	0	0	1958
677	Novinger	Cities Service Oil Company	(W)Novinger Unit	4924	Novinger Unit	22,23,26,27,34,35- 33-30W;2,3-34-30W	1,839	0	Marmaton	5,297	15	14	10	0	1	1956
678	Stevens	Colorado Oil Company	(W)Stevens Field	11839	Holmes, Kelly, Krause, Leslie, Leslie "A"	35,36-32-30W;2,3- 33-30W	440	160	Morrow	4,500	10	11	4	0	0	1965
MIAMI COUNTY																
679	Black	Robert A. Mason	(W)	13497	Crume, Middaugh	3,9,10-19-24E	80	0	Prue	---	12	16	---	---	---	1967
680	Louisburg	E. Buddrus et al	(-)Louisburg Group	11056	McHale, Rodger	9-17-25E	105	0	Prue*	400 <sup>+</sup>	11 <sup>+</sup>	28	---	5	1	1964
681	Louisburg	R & S Group	(W)R & S Group	5762	Briggs, Dunn, Gardner, Richmond, Shulties	27,28,34-16-25E	75	4	Prue	330	14	22	1	1	3	1958
682	Paola-Rantoul	A.B.C. Oil Company	(P)Producers Group	3132	Barels, Chapman, Day, Estes, Fenoughty, Roberts, Sheehy, Staad, Ware, Williams	22-17-22E	627	0	Peru	350	20	190	0	0	0	1945
683	Paola-Rantoul	A.B.C. Oil Company	(P)Schmitt	4829	Schmitt	11-17-22E	30	0	Peru	550	20	6	0	0	0	?
684	Paola-Rantoul	W.M. Dary	(W)Dary Unit	13106	Marvin Barkis, Alred E. Metsker	22-16-24E	30	0	Peru	440	465	10	0	0	---	1966
685	Paola-Rantoul	Dunne Equities, Inc.	(D)Ringer	12326		1-17-23E	320	0	Peru	410	6	3	1	0	0	1966
686	Paola-Rantoul	Herbert Kepple	(-)	12704	Kepple	17-17-23E	54	---	Peru	400	28	2	0	0	0	1966
687	Paola-Rantoul	Mid-America Petroleum Co.	(W)Beagle Unit	13748	Ralph Grant, Robert Edward Lee, Velma Marie Vaughn	3-19-22E	20	0	Squirrel	564	20	6	0	0	0	1967
688	Paola-Rantoul	Sieg Oil Co.	(P)Henning Lease	6337	Henning	23-16-21E	8	10	Squirrel	660	---	8	10	0	0	1958
689	Paola-Rantoul	L.O. Tenk	(W)Miller Wfd	9128	Emil J. Miller, C.V. Whiteford	29,30-18-23E	80	0	Peru	350	17	14	10	0	0	1961
690	Paola-Rantoul	Roger F. Williams Oil Co.	(W)Miami Project	5273 471	Cayot, Murphy, Phillips, Schendel	24-16-21E	73	0	Squirrel	670	12	22	2	0	0	1963
MONTGOMERY COUNTY																
691	Brewster	John S. Norris	(P)	6215	O.W. Bullock, Demott, W. Romig	8,9-32-16E	199	?	Bartl	870	20	3	5	2	0	?



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data	
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,		
660	1	0	0	0	Irreg.	0	100	Prod	---	U	Comb.	?	38	?	2,000	?	35,000	?	470,000		
661	1	0	0	0	Irreg.	Vac.	1,440	Prod	---	T	Wat	20/80	35	?	5,235	?	2,100,000	?	5,146,000	*6760; †3,480; †15	
662	1	1	0	0	*	Vac.	240	Prod	---	U	Grav	---	37	---	25,200	1,200	81,000	---	1,200	*Standard location	
663	1	0	0	0	†	Vac.	65	Prod	---	U	Wat	---	36	---	12,240	---	---	12,240	87,000	*3-15; †Standard location	
664	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	292,000	---	---	?	
665	1	0	0	0	Irreg.	0	675	Prod	---	U	Wat	?	32	?	3,933	2,237	246,375	34,638	2,499,490	?	
666	1	0	0	0	Irreg.	Vac.	1,650	Prod	---	T	Grav	---	40	---	16,498	1,650	525,000	?	?	?	
667	1	0	0	0	Irreg.	0-50	320	Prod	---	U	S Gas	---	34	?	10,189	0	113,150	0	258,075		
668	6	0	0	0	Peri.	175	122	Prod + Miss	3,050	T	S Gas	1/1	40	3	28,856	920	250,740	920	250,740		
669	1	0	0	0	Irreg.	0	360	Prod	---	U	Wat	1/1	35	?	10,647	0	131,400	0	1,214,150		
670	1	0	0	0	Irreg.	0	10	Prod	---	U	Gas Exp	?	34	?	?	?	?	?	?	?	
671	1	0	0	0	Irreg.	0	140	Prod	---	U	Wat	10/90	35	---	12,000	4,000	48,000	11,000	248,000		
672	0	0	0	0	Irreg.	0	25	Prod	---	U	Wat	10/90	35	---	5,103	?	120	---	75,000		
673	2	0	0	0	Irreg.	0	230	Prod	---	U	S Gas	1/19	34	---	401	340	168,000	1,435	223,629		
674	1	0	0	0	---	0	250	Prod	---	U	S Gas	?	36	---	2,838	1,460	91,340	14,060	451,940		
675	1	0	0	0	Line	200	178	Prod	---	U	S Gas	3/5	35	?	2,227	2,227	69,234	7,921	117,569		
676	1	0	0	0	Irreg.	0	186	Prod	---	T	S Gas	?	41	---	3,892	0	68,213	0	589,789		
677	11	0	0	0	Line	1,200	283	Prod	?	M	S Gas	---	45	3.4	244,323	244,323	1,137,082	3,055,347	14,827,006		
678	2	0	0	0	Irreg.	775	638	Prod + Ogallala Sd	295	M	S Gas	1/0	37	---	27,220	10,020	466,859	24,079	1,461,861		
679	14	0	---	---	5-spot	300	15	Prod + Pond	---	F	S Gas	3/1	27	20	8,135	8,135	90,305	8,135	90,309	*590	
680	3	---	1	---	5-spot	280	24	Prod + Hertha#	260	M	S Gas	20/1	34	?	19,669	16,700	266,044	46,200	770,842	*Wayside; †370; †4; #Surface	
681	21	1	1	---	Line	320	34	Prod + Arbuc	1,300	?	S Gas	20/1	34	?	14,912	14,912	322,916	467,277	3,232,135		
682	126	0	0	0	5-spot	350	31	Prod + Arbuc	?	T	S Gas	?	30	?	13,779	13,779	1,424,690	895,252	37,497,307		
683	4	0	0	0	5-spot	350	36	Prod + Arbuc	?	T	S Gas	?	30	?	3,892	3,892	44,806	21,478	201,665		
684	7	0	0	0	5-spot	300	10	Prod + Hertha	290	U	Grav	26/56	--	---	1,500	375	25,550	2,200	25,550		
685	1	0	0	0	Irreg.	0	10	Prod	---	U	Gas Exp	1/1	32	---	645	0	4,500	0	9,000		
686	3	0	---	---	Irreg.	0	10	Prod	---	M	Grav	---	33	?	275	0	1,800	---	---		
687	1	0	0	0	5-spot	300	20	Prod	---	U	Grav	?	31	?	555	0	6,550	0	8,150		
688	4	8	0	0	5-spot	400	150	Prod + Squirrel	660	U	Wat	1/200	31	---	2,400	2,400	60,000	2,400	60,000		
689	0	20	0	0	5-spot	0	0	Prod	---	U	S Gas	14/1	30	22	1,160	120	0	53,980	588,576		
690	15	1	0	0	5-spot	680	38	Prod + Miss	1,240	T	S Gas	---	32	?	12,017	12,017	208,082	65,674	714,328		
691	2	3	1	0	Irreg.	300	50	Prod	---	U	?	?	31	?	1,862	?	27,375	?	?		

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
MONTGOMERY Cont.																
692	Coffeyville-Cherryvale	Paul W. Meyers	(P)Clark-Hudson	5236	Clark, Hudson	17-34-17E	5	0	Bart1	605	20	0	0	4	---	1968
693	Coffeyville-Cherryvale	Russell Operating Company	(W)Blaes	12029	Joe Blaes	19,30-31-17E	150	0	Bart1	780	12	20	0	0	0	1965
694	Jefferson-Sycamore	Burk Royalty Co.	(W)Bolton Extension Flood	13620	Blosser, Hadley, McVey, Patterson, Vineyard	24,25-33-14E;18,19-33-15E	30	0	Bart1	1,170	16	2	2	0	0	1967
695	Jefferson-Sycamore	Four Point Development Co.	(W)Tyro Unit	14036	Krebs	23-34-15E	80	0	Bart1	1,178	20	5	5	5	0	1967
696	Jefferson-Sycamore	R.P. Guyot	(W)Harvey Lease	13445	Harvey	13-34-15E	80	0	Wayside	400	20	6	2	0	0	1967
697	Jefferson-Sycamore	Horton Oil Co., Inc.	(D)Ben Stocker	10093	Ben Stocker	13-33-14E	20	0	Bart1	1,170	15	0	0	0	0	1963
698	Jefferson-Sycamore	George Kerasotes et al	(W)Carpenter Lease	12123	Carpenter	1-34-15E	20	5	Squirrel	815	12	4	3	1	1	1965
699	Jefferson-Sycamore	Reliance Oil Corp.	(W)Schuetz	13850	Schuetz	24-34-15E	35	0	Wayside	355	30	14	0	8	0	1968
700	Jefferson-Sycamore	R.F. Schoonover	(W)Sycamore	9667		30-31-16E	60	0	Wayside	50	20	15	5	0	0	1965
701	Jefferson-Sycamore	Stekoll Petroleum Co.	(P)Flood #2	7871	H.F. Adams, Banks, Fitzgerald, Hecter, Weaver	15,16,21-34-15E	600	260	Wayside	450	13	53	53	0	0	1957
702	Jefferson-Sycamore	Stekoll Petroleum Co.	(P)Flood #3	2094	L.C. Dennett, H.O. Smith, Springer	5,6-33-15E	400	1,600	Bart1	1,160	13	14	0	0	0	1960
703	Jefferson-Sycamore	Carl Wyckoff	(D)Zinser	7077	Zinser	8-33-14E	---	---	Bart1	1,198	10	---	---	0	3	---
704	Neodesha	Burk Royalty Co.	(W)South Willis	11423	Hazen, Nantz, Newman	2,3,10,11-31-16E	160	---	Bart1	800	10	30	0	0	0	?
705	Wayside-Havana	H.J. Horton	(W)Defenbaugh	13726*	Defenbaugh	3-34-14E	10	0	Wayside	680	25	0	0	0	0	?
706	Wayside-Havana	H.J. Horton	(-)Havener	3222	Havener	33-33-14E	4	120	Wayside	700	30	0	0	0	0	1953
707	Wayside-Havana	H.J. Horton	(W)Mantoooh-Dunham	11712	Dunham, Mantoooh	28,33-33-14E	20	0	Wayside	700	30	4	0	0	0	1965
708	Wayside-Havana	H.J. Horton	(W)Smotherman Lease	7983	Smotherman	28-33-14E	10	0	Wayside	700	35	1	0	0	1	?
709	Wayside-Havana	Horton Oil Co., Inc.	(W)Boan	13823	Boan	35-33-14E	10	0	Wayside	650	30	1	0	0	0	1967
710	Wayside-Havana	Horton Oil Co., Inc.	(W)Ruth Diver	10447	Ruth Diver	5-34-14E	20	0	Wayside	700	30	2	0	0	0	1963
711	Wayside-Havana	Horton Oil Co., Inc.	(W)Bernice Hecht	10442	Bernice Hecht	16-34-14E	10	0	Weiser	729	30	0	0	0	0	1964
712	Wayside-Havana	Little Oil Company, Inc.	(W)Copeland Pilot	11768	E.L. Copeland	34-33-14E	10	0	Wayside	706	30	3	0	0	0	1965
713	Wayside-Havana	Shannon Brothers	(W)Neiswanger	10949	Neiswanger	17-34-14E	160	0	Bart1	1,272	12	3	0	0	0	1964
714	Wayside-Havana	Lyle Smith Petroleum Co.	(P)Dalby	9034	Dalby	7-34-14E	60	0	Wayside	675	12	9	6	0	0	1968
715	Wayside-Havana	Wayside Oil Company	(P)	11852	Dalby	12-34-13E	80	0	Wayside	690	18	4	4	0	0	1965
MORTON COUNTY																
716	Interstate	Anadarko Production Company	(P)Interstate Purdy Morrow Sand Oil	11602		8,9,16,17,20,21,28,29,30,31,32-34-43W	3,800	---	Purdy-Morrow	4,192	35	58	10	0	0	1965
717	Interstate	Anadarko Production Company	(P)Webster Unit	13342	Webster C-1, Webster C-2	5-35-43W	160	160	Purdy-Morrow	4,200	4	1	1	0	1	1967
718	Taloga	Cities Service Oil Company	(W)Taloga South Morrow "G" Sand	13899	Taloga South Morrow "G" Sand Unit	1,10,11,12,13,14-35-42W	3,280	0	Morrow "G"	4,553	14	0	0	0	0	---
719	Wilburton	Cities Service Oil Company	(P)Wilburton Morrow "C" Sand Unit	12571	Wilburton Morrow "C" Sand Unit	28,29,32,33-34-41W;4,5-35-41W	3,840	0	Morrow "C"	4,900	40	15	2	0	0	1966
720	Wilburton	Cities Service Oil Company	(W)Wilburton S-3 Lower Morrow	13848	Wilburton S-3 Lower Morrow Sand Unit	5-35-41W	640	0	S-3 Lower Morrow	5,050	10	5	0	0	0	1968
NEOSHO COUNTY																
721	Erie	BDK Company	(W)Shaw Project	11287	Burroughs, Hudson, Johnson, LaRue, Leatherman	4,9,10-28-19E	35	0	Bart1	600	15	8	0	0	0	1964
722	Erie	Edwards-Purviance	(D)Richard Lease	2491	Richard	19-28-20E	20	---	Bart1	530	14	5	---	0	0	1949
723	Erie	Russell Operating Company	(W)County Farm	11926	Neosho County Poor Farm	34-28-20E	50	0	Bart1	480	16	13	0	0	0	1963
724	Erie	Russell Operating Company	(W)Four Mile Creek	11916	Barnhardt, Cravens-Phelps, Ermey, Faust, Whited	34,35-28-20E	180	40	Bart1	510	20	57	0	0	0	1960
725	Erie	Russell Operating Company	(W)Hylton	11925	Hylton	35-28-20E	80	0	Bart1	500	20	12	0	0	0	1965
726	Erie	Russell Operating Company	(W)Pugh-Van Lueen, Smith	11925 11917	Pugh, Smith, Van Lueen	36-28-20E;1-29-20E	120	0	Bart1	510	10	22	1	0	0	1964
727	Erie	Standard Metals Corporation	(W)Erie Project	10946	Bartholomew, Country Club, Harding, Lucy Johnson, O.M. Johnson, Lembach, Mitchell, Noakes, Pence-Central	24,25,26-28-19E;19,20,29-28-20E	341	120	Bart1	515	12	33	60	0	42	1942
728	Humboldt-Chanute	Walter Lacey	(-)	4121	Raymond Fickel	20-28-18E	---	---	Bart1	795	20	0	0	0	0	1963
729	Humboldt-Chanute	Petrol Equities Investment Co., Inc.	(W)Wasser-Bower Project	11784	Bower, Thompson, Wasser	25-27-17E	31	0	Bart1	900	10	12	3	0	0	1965
730	Humboldt-Chanute	Robb Drilling Company, Inc.	(W)Blume, Rush, Brinkmeyer	4501	Blume, Brinkmeyer, Rush	13,24,27-27-18E	20	10	Bart1	743	755	4	0	0	0	---

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
692	2	2	0	0	Irreg.	0-50	110	Prod	---	U	Gas Exp	?	31	?	0	0	30,000	0	30,000	
693	0	20	0	0	5-spot	---	---	Prod + Prue	480	M	S Gas	1/0	31	?	2,318	2,318	14,935	8,916	190,418	
694	6	0	0	0	3-spot	575	60	Prod + Miss	1,322	U	S Gas	1/7	35	4	7,507	6,048	84,195	6,048	104,508	
695	5	0	5	0	5-spot	125	30	Prod	---	T	Grav	14/22	34	---	12,732	7,692	5,400	7,692	12,692	
696	1	1	0	0	Irreg.	200	50	Squirrel	700	T	Comb.	90/10	30	?	610	100	10,000	100	10,000	
697	1	0	0	0	5-spot	Grav.	10	Prod	---	U	Grav	1/4	33	?	900	0	3,500	0	?	
698	2	0	0	0	5-spot	400	20	Prod	---	T	S Gas	5/10	34	---	2,373	200	14,250	1,900	89,545	
699	8	0	5	0	5-spot	225	50	Arbuc	1,450	F	Grav	90/10	30	?	879	0	---	0	80,000	
700	12	4	0	4	5-spot	*	↑	Prod + Surface	---	M	Comb.	?	35	?	3,000	2,700	14,000	15,000	200,000	*400-500; †15-0
701	44	0	0	0	5-spot	275	25	Prod + Sheet Water	130	T	Grav	70/30	32	20	24,560	24,560	401,500	?	?	
702	7	0	0	0	Irreg.	339	18	Prod + Fresh	---	F	Grav	90/10	36	17	10,857	10,857	47,085	?	?	*2045
703	1	---	0	---	Irreg.	---	10	Prod	---	U	Grav	---	31	---	464	---	3,600	---	---	
704	8	2	0	2	Irreg.	500	117	Prod + Subsurface	350	M	S Gas	?	36	?	3,737	3,737	42,603	?	?	
705	1	0	0	0	Irreg.	Grav.	10	Prod	---	U	---	?	30	?	160	0	3,100	0	?	*10441
706	0	0	0	0	5-spot	Grav.	---	Prod	---	U	Grav	?	30	?	1,800	0	3,600	?	?	
707	2	0	0	0	5-spot	500	50	Prod	---	U	Grav	1/2	29	?	6,500	2,400	33,000	4,200	75,000	
708	1	0	0	0	Peri.	500	25	Prod	---	U	Grav	1/5	29	?	1,500	350	9,000	350	?	
709	1	0	0	0	Peri.	100	20	Prod	---	U	Grav.	1/5	30	?	900	100	7,200	100	9,600	
710	2	0	0	0	5-spot	400	15	Prod	---	U	Grav	1/3	30	?	3,600	360	9,300	360	31,000	
711	1	0	0	0	3-spot	400	10	Prod	---	U	Grav	1/3	31	?	1,008	0	3,000	0	9,700	
712	1	0	0	0	7-spot	400	65	Prod	---	T	Grav	3/30	30	?	1,425	297	23,917	993	117,776	
713	1	0	0	0	Irreg.	350	35	Prod	---	U	S Gas	1/1	32	?	3,758	1,500	12,000	7,000	50,000	
714	5	0	0	0	5-spot	600	40	Prod	---	U	Wat	1/4	31	---	4,900	2,000	58,400	---	60,000	*10-30
715	2	8	0	0	5-spot	300	0*	---	---	-	Gas Exp	?	28	?	341	341	?	341	?	*15mcf
716	10	0	0	0	Peri.	0	1,993	Prod + Ground	200 150	M	S Gas	4/3	39	2.5	873,615	781,946	7,295,566	1,150,574	21,609,300	
717	1	0	0	1	Irreg.	700	733	Prod	---	T	S Gas	1/0	39	2.5	7	7	960	232	258,038	
718	0	6	2	0	Peri.	0	0	Prod + Fresh	200	F	S Gas	21/5	39	*	62,731	0	0	0	0	*3.15 @ 120°
719	6	0	0	0	Line	265	796*	Prod + Fresh	200	F U	S Gas + Gas Exp	82/7	42	4.5	622,469	167,245	1,164,713†	385,049	2,735,225‡	*896mcf; †607,335mcf; ‡813,957mcf
720	2	0	0	0	Irreg.	860	142	Fresh	200	F	S Gas	1/0	42	4.5	31,887	0	97,362	0	97,362	
721	7	0	0	0	Line	300	15	Prod + River Gravel	24	F	S Gas	---	30	?	3,415	2,197	38,325	18,326	356,498	
722	2	---	0	0	Irreg.	200	20	Prod	---	U	Grav	---	31	---	1,800	1,800	14,600	60,000	?	
723	12	5	0	0	5-spot	470	19	Prod + Miss	1,400	T	S Gas	1/0	31	30	3,858	3,858	85,757	38,184	685,035	
724	37	23	0	0	5-spot	500	16	Prod + Miss	1,400	T	S Gas	1/0	31	30	18,382	18,382	206,696	226,537	2,128,489	
725	9	2	0	0	5-spot	450	17	Prod + Miss	1,400	T	S Gas	1/0	31	30	2,754	2,754	56,390	9,532	314,850	
726	17	6	0	0	Line	450	19	Prod + Miss	1,400	T	S Gas	1/0	31	30	7,519	7,519	115,773	40,866	700,925	
727	25	47	0	47	Irreg.	450	33	Prod + City of Erie	---	M	S Gas	?	30	?	9,864	9,864	302,000	501,873	9,831,439	
728	1	0	0	0	Line	400	40	Prod	---	U	Grav	1/15	34	---	792	0	3,650	0	3,650	
729	7	2	0	0	5-spot	600	48	Prod + Fresh	880	M	S Gas	---	33	?	4,564	4,564	121,700	21,123	425,900	
730	4	0	0	0	Irreg.	300	*	Prod + Oswego	550	M	Wat	90/10	27	?	5,444	5,444	2,000	5,444	2,000	*15-20

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Abond.	
NEOSHO Cont.																
731	Humboldt-Chanute	Eugene A. Roberts, Jr.	(W)Zastrow	8518 8517*	Brown, Crawford, Garrison, Zastrow	33-27-18E	113	0	Bartl	820	20	26	0	0	1	1964
732	Humboldt-Chanute	C.A. & Roy Willis	(P)Cooper-Pierpont	13447	Cooper-Pierpont	23-27-18E	---	---	Bartl	775	8	1	0	0	0	1968
733	Morehead	Burk Royalty Co.	(-)Chanute Wfd	9235 9230 9021*	C. Berkenmier, Cable-Hurt, Cox, G. Leck, R. Leck, Lewis, Neises	18,19,30-30-18E	140	20	Bartl	850	30	25	---	0	0	1961
734	St. Paul-Walnut	Carroll Incorporated	(W)Butler Flood	6713	Butler	30-28-21E	85	0	Bartl	450	16	42	0	0	0	1958
735	St. Paul-Walnut	Pauley Petroleum, Inc.	(W)St. Paul-Walnut	8930*	Dent, Van Leeuwen	33-28-21E	85	0	Bartl	400	15	29	0	0	0	1955
736	St. Paul-Walnut	Russell Operating Company	(W)Hoagland	11913	Hoagland	29-28-21E	80	0	Bartl	400	10	18	0	0	0	1965
737	Trent	C M & H Oil Co.	(P)Hazen Lease	7073	Hazen	23-28-20E	65	0	Bartl	500	15	22	---	1	1	1959
738	Trent	Erie Oil Company, Inc.	(W)	8145	Edward Stanley	22-28-20E	60	---	Bartl	475	16	10	---	0	0	1960
739	Trent	Mesa Petroleum Co.	(W)Crabtree	5388	Blaine, Cooney, Perry	22,23-28-20E	360	0	Bartl	500	13	59	0	0	0	1960
740	Urbana	Standard Metals Corp.	(W)Urbana Project	10978	Greve, Hummer, Yockey	26,35,36-28-18E	84	20	Bartl	675	17	4	20	0	9	1958
NESS COUNTY																
741	Aldrich	Continental Oil Company	(P)Aldrich Wfd	14618	C.R. Aldrich	7,8-18-25W	320	0	Miss	4,350	12	3	0	0	0	1968
742	Aldrich	CRA, Inc.	(P)Aldrich	7952 7632*	Lythe, Sutton, Daisy Thomp- son	23,24-18-26W	---	---	Miss	4,430	8	---	---	0	---	1956
743	Aldrich	High Plains Production Co.	(-)Edwards	9920	Edwards	22-18-26W	40	?	Miss Do1	4,500	?	1	0	0	0	1963
744	Aldrich	Tenneco Oil Company	(-)Louise Everett	3740	Louise Everett	8-18-25W	40	20	Miss	4,390	37	0	0	0	0	1955
745	Aldrich Northeast	Barnett Oil Company	(P)Shearer "B"	13484	Shearer "B"	26-17-25W	60	0	Miss	4,454	15	1	0	0	0	1967
746	Dickman	Walters Drilling Co.	(P)Dickman SWD	10347	Dickman, Elmore, Tilly	8,17-17-24W	240	0	Miss Do1	4,400	*	6	0	0	0	1962
747	Dubbs	Rice Engineering & Operating, Inc.	(P)Dubbs Pool Unit	14173	C.F. Dubbs, L.B. Dubbs	31,32-16-24W	80	---	Miss	4,517	4	1	0	0	0	1968
748	Petersilie	Kewanee Oil Company	(W)Petersilie	10676	Petersilie	14-20-24W	80	0	Miss	4,388	22	2	1	0	0	1964
NORTON COUNTY																
749	Norton	Theodore Gore	(P)Lawson	11002	Charles Lawson, Scott	36-3-24W;1-4-24W	320	0	Arbuc	3,779	?	9	0	0	0	1964
PAWNEE COUNTY																
750	Benson	Cities Service Oil Company	(W)Benson-SE Unit	6115	Benson-SE Unit	31,32-23-15W	92	20	Lans-KC	3,700	35	5	0	0	0	1958
751	Benson	Nat. Coop. Ref. Assn	(W)Garvin	9305	Garvin	30-23-15W	30	0	Lans	3,754	74	3	0	0	0	1962
752	Benson	Pan American Pet. Corp.	(W)Benson	7552	R.J. Benson, A.A. Doerr	19,30-23-15W	30	0	Lans	3,625	28	2	0	0	0	1959
753	Evers	Mull Drilling Company, Inc.	(D)Evers Field	10371	Prosser "B", Shady "A"	35,36-21-16W;2-22-16W	20	---	Simpson	3,850	13	2	0	---	---	1963
754	Garfield	Colorado Oil Company	(W)Anderson Lease	13487	Anderson	10-23-17W	40	120	Miss Congl	4,189	21	1	1	0	0	1967
755	Garfield	Colorado Oil Company	(W)Fertig Lease	13723	Fertig	15-23-17W	80	80	Miss Congl	4,220	30	2	1	0	0	1967
756	Garfield	Colorado Oil Company	(W)Fertig "A"	13727	Fertig "A"	16-23-17W	120	40	Miss Congl	4,247	15	4	0	0	0	1967
757	Garfield	Colorado Oil Company	(W)Hutchinson "C"	13433	Hutchinson "C"	9-23-17W	60	100	Miss Congl	4,208	30	2	3	0	0	1967
758	Garfield	Colorado Oil Company	(W)Hutchinson "D"	8878	Hutchinson "D"	9-23-17W	120	180	Miss Congl	4,228	26	3	5	0	0	1965
759	Garfield	Colorado Oil Company	(W)Hutchinson "E"	12007	Hutchinson "E"	9-23-17W	60	100	Miss Congl	4,216	34	3	2	0	0	1965
760	Garfield	General American Oil Company of Texas	(W)Garfield Pilot Flood	12014	A.W. Schartz, J. Schartz, L.J. Schartz	5,8-23-17W	160	0	Miss-	4,185	60	0	0	0	0	1965
761	Garfield	The Shallow Water Refin- ing Company	(P)Garfield Pool	12708 10116	Fergus "A", Fergus "C", Hutchinson B-C, Hutchinson D, Spence, Wilson	16,17,18,20,21- 23-17W	1,440	0	Congl Sd- Miss-	4,100 4,200	15 15	17	7	0	0	1963
762	Lovett	The R.W. Rine Drilling Co.	(D)Lovett	4616	Lovett	35-22-15W	40	20	Lans-KC*	3,685	8	1	0	0	0	1964
763	Oro	Nat. Coop. Ref. Assn	(W)Hagerman	13114	Hagerman, Matoush	9,10-20-19W	60	10	Cherokee	4,184	22	6	0	0	0	1966
764	Rutherford	Sun Oil Co. - DX Division	(W)Almquist	14328	Almquist	5-20-16W	40	0	Arbuc	3,795	5	2	0	0	0	1968
765	Shiley	Cities Service Oil Company	(W)Shiley Wfd	12417 8460	Jennings "C", Jennings "D", Risse "A"	13,14-20-20W	120	80	Basal Penn	4,170	7	3	0	0	0	1961
766	Shiley East	Nat. Coop. Ref. Assn	(W)Eckert	9236	Eckert	18-20-19W	40	0	Cherokee	4,224	35	2	0	0	0	1962
767	Steffen	Lario Oil & Gas Company	(P)Steffen	13832	Steffen	29,30,32-20-20W	560	0	Miss	4,330	50	4	0	0	0	1967
PHILLIPS COUNTY																
768	Dayton	Humble Oil & Refining Co.	(W)Dayton Unit	8011	Dayton Unit	25,26,35,36-2-19W	640	---	KC	3,200	23	7	0	0	0	1960
769	Huffstutter	Thos. H. Allan	(P)Huffstutter	8141	Huffstutter	13-2-19W	400	0	Lans-KC	3,275	21	8	0	0	0	1960
770	Huffstutter	Livingston Oil Company	(W)North Huffstutter Unit	6746	North Huffstutter	16,17,20,21,22,28- 1-18W	2,200	---	Lans-KC	3,400	254	34	1	0	0	1959
771	Huffstutter	Petroleum Management, Inc.	(W)Center Huffstutter Unit	8461	Unitized	31,32-1-18W;5,6,7- 2-18W	1,220	280	Lans-KC	3,365	235	44	3	0	0	1961

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
731	25	0	0	0	5-spot	500	45	Prod + KC	500	M	S Gas	20/80	38	39,855	39,855	408,426	122,000	1,082,330	*2625; '31.4 @ 79°	
732	3	1	0	0	---	400	5	Oswego	450	U	Grav	1/0	31	199	0	---	0	5,000		
733	9	2	0	2	---	680	118	Prod + Miss	1,140	-	S Gas	?	28	15,102	15,102	431,873	321,928	3,114,732	*8802; 8801; 8800; 5647	
734	30	0	0	0	5-spot	450	16	Prod + Miss	848	T	Grav	85/15	31	13,000	10,000	150,000	10,000	150,000		
735	30	2	0	0	5-spot	450	14	Prod + Miss	†	T	S Gas	2/1	32	9,200	9,200	128,930	31,861	283,433	*4612; †690-810	
736	9	11	0	0	5-spot	390	---	Prod + Miss	1,400	T	S Gas	1/0	31	3,794	3,794	52,059	13,452	299,933		
737	10	3	0	0	Irreg.	500	12	Prod + Spring	---	M	Grav	90/10	30	7,710	5,000	---	5,000	43,800		
738	9	---	---	---	5-spot	400	25	Prod + Arbuc	1,400	T	S Gas	90/10	30	7,200	6,000	19,000	25,200	122,000		
739	51	0	0	0	5-spot	500	12	Prod + Roubidoux	1,650	M	S Gas	0/1	30	22,095	22,095	228,398	300,792	2,087,559		
740	3	10	0	5	Irreg.	450	46	Prod + Ground Water	200	T	S Gas	?	30	1,606	1,606	50,890	85,875	1,775,747		
741	1	0	0	0	Line	450	310	Prod	---	U	Wat	?	36	571	0	9,600	0	9,600		
742	---	---	0	---	Irreg.	---	---	---	---	-	---	---	---	23,884	21,671	241,929	318,613	3,315,142	*4276	
743	1	0	0	0	Peri.	0	45	Prod	---	U	Comb.	---	37	2,240	---	16,000	0	91,000		
744	1	0	0	0	Irreg.	0	0	Prod	---	U	S Gas	1/2	--	5,926	0	0	0	0		
745	1	0	0	0	Line	750	480	Prod	---	U	Wat	25/75	37	16,620	2,000	175,200	2,000	319,680		
746	1	0	0	0	Irreg.	Grav.	730	Prod	---	U	Wat	90/10	35	38,079	?	265,665	356,729	1,266,428	*10-20	
747	1	0	0	0	Irreg.	0	95	Prod	---	U	Wat	10/60	40	950	200	80,000	200	80,000		
748	1	0	0	0	Irreg.	Vac.	236	Prod	---	U	Wat	80/81	38	13,673	0	86,221	0	490,098		
749	1	0	0	0	Irreg.	100	1,207	Prod	---	U	Wat	8/92	29	13,801	0	440,620	1,090	779,060		
750	3	0	0	1	Peri.	160	516	Prod + Water Sand	67	M	S Gas	17/40	41	21,358	21,358	564,134	220,081	3,488,581		
751	1	0	0	0	Irreg.	513	418	Gravel Bed	100	F	S Gas	5/27	28	2,302	2,292	152,731	45,706	832,742		
752	1	0	0	0	Irreg.	0	303	Prod	?	U	S Gas	5/47	25	7,742	7,742	110,634	93,139	990,339		
753	1	0	0	0	Irreg.	0	120	Prod	---	U	S Gas	---	39	8,537	0	43,800	---	310,907		
754	1	1	0	0	Irreg.	1,250	331	Prod + Surface Sd	35	M	S Gas	2/6	37	491	0	112,600	0	140,015		
755	1	0	0	0	Irreg.	Vac.	360	Prod + Surface Sd	35	M	S Gas	33/90	37	5,596	0	131,900	0	151,100		
756	2	0	0	0	Irreg.	Vac.	450	Prod + Surface Sd	35	M	S Gas	23/70	37	3,483	0	263,080	0	304,680		
757	1	0	0	0	Irreg.	100	286	Prod + Surface Sd	35	M	S Gas	1/12	37	5,548	2,478	104,740	2,920	175,940		
758	2	2	0	0	Irreg.	Vac.	615	Prod + Surface Sd	35	M	S Gas	74/78	37	5,655	0	450,742	280	1,116,820		
759	1	0	0	0	Irreg.	Vac.	468	Prod + Surface Sd	35	M	S Gas	44/96	37	6,068	2,252	171,238	8,618	443,919		
760	1	0	0	0	Irreg.	0	---	Prod	---	U	S Gas	1/10	38	1,464	0	30,358	0	184,320		
761	2	1	0	0	Irreg.	1,613	328	Prod	---	T	Comb.	---	37	27,893	3,240	200,112	10,490	887,736	*5.61 @ 100°	
762	1	0	0	0	Irreg.	Vac.	6	Prod + 130' zone	3,682	U	Wat	10/8	23	2,620	?	2,196	2,266	7,866	*130' zone	
763	3	0	0	0	Irreg.	780	445	Prod	---	U	S Gas	1/0	39	15,361	5,140	162,598	5,140	247,636		
764	1	0	0	0	Irreg.	689	162	Prod	---	U	S Gas	10/47	45	11,457	11,457	33,977	11,457	33,977		
765	1	0	0	0	Line	770	647	Prod + Dakota	362	M	S Gas	1/1	36	25,420	25,420	235,845	210,179	810,596		
766	1	0	0	0	Irreg.	1,059	186	Prod	---	U	Wat	10/7	36	4,821	4,821	67,712	43,119	320,861		
767	1	0	0	0	Irreg.	400	435	Prod	---	T	Wat + S Gas	4/23	36	21,795	0	158,982	0	183,035		
768	6	0	0	0	Line	750	152	Prod + Cheyenne	1,060	T	S Gas	---	36	50,033	47,073	---	47,073	333,581		
769	2	1	0	0	Peri.	450	134	Prod + Dakota	1,185	M	S Gas	59/41	36	14,924	14,924	96,788	148,366	1,350,918		
770	18	2	0	0	Irreg.	588	154	Prod + Dakota	1,055	T	S Gas	---	37	157,255	157,255	1,017,782	1,782,638	5,744,675		
771	11	1	0	0	Irreg.	500	148	Prod + Dakota	1,050	T	S Gas	1/0	37	152,958	152,958	541,853	1,199,008	3,530,771		

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Nome	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
PHILLIPS Cont.																
772	Huffstutter	Petroleum Management, Inc.	(W)Huffstutter Northwest	13834	Huffstutter "C", W.A. Jackson, Rakestraw	31-1-18W	130	0	Lans-KC	3,350	235	4	0	0	0	1967
773	Huffstutter	Phillips Petroleum Company	(W)Huffstutter	9984		7-2-18W;12-2-19W	520	?	Lans-KC	3,400	50	15	0	0	0	1963
774	Huffstutter Southwest	Sierra Petroleum Co., Inc.	(W)Kelly Unit	8195	Hopper, Kelly	23-2-19W	80	160	Lans-KC	*	†	3	1	0	---	1961
775	Huffstutter Southwest	Sam P. Wallingford, Inc.	(W)Kelly Unit	8195	Heffron, Hopper, Kelly	23-2-19W	80	160	Lans-KC	*	†	4	0	0	---	1961
776	Logan	Bankoff Oil Co.	(W)Logan Pool	9367	Bowman, Brown, Hill "A" & "B", Perry	2,3-5-20W	360	40	Lans	3,180	5	11	0	0	1	1962
777	Logan	Dane G. Hansen Estate	(D)Stephens-Ross	13887	Hansen Estate-Ross, Hansen Estate-Stephens, Wilkinson Drl.-McConnell	35-4-20W	200	?	Lans-KC	3,200*	6†	2	?	?	?	1967
778	Mont Sol	Sohio Petroleum Company	(W)Mont Sol L-KC	6898	Krause "A", Krause "B", Sophia Meyers	6,7-4-18W;1,12-4-19W	100	---	Lans-KC	3,200	28	1	1	0	0	1960
779	Slinker	The R.W. Rine Drilling Co.	(W)Slinker, Toronto	13967	Donahay, Fox, Lynch "A", Lynch "B", Radloff, Slinker	30-4-19W;25,36-4-20W	480	0	Toronto-Lans-KC	3,098	20	11	0	0	0	1968
780	Stoneman	Hershberger Explorations Inc.	(W)Bredemeier	12731	Bredemeier	28-4-18W	80	40	KC	3,050	18	2	2	0	0	1966
781	Stoneman	T.W. Jackson	(W)Jackson-Elsie	14228*	Jackson-Elsie	19,20,29-4-18W	440	0	KC	3,200	20	6	4	1	0	1967
782	Stoneman	Petroleum Management, Inc.	(W)Stoneman Field Wfd	12730 12729	Morgan, Quanz, Stoneman, Sutley, Van Der Wege	20,21,29-4-18W	1,140	0	Lans-KC	3,103	235	23	0	2	0	1966
783	Stuttgart	Phillips Petroleum Company	(W)Stuttgart Unit	6131		13,14,23-3-19W	165	?	Lans-KC	3,200	35	3	3	0	1	1952
PRATT COUNTY																
784	Barnes Southwest	Bowers Drilling Co., Inc.	(P)Barker	14279	Barker	35-27-12W	100	60	Lans-KC	3,798	6	4	0	0	0	1968
785	Carver-Robbins	United States Hydrocarbon Company	(P)Jones-Halper Unit	14190	Halper, Jones "A", Jones "C"	7-27-14W;12,13-27-15W	320	0	Lans-KC	4,104	6	2	0	4	0	1968
786	Chitwood	Monsanto Company	(W)Chitwood Unit	4080		14,22,23,26,27-28-12W	1,492	1,000	Simpson	4,122 4,390	23	7	22	0	0	1955
787	Fitzsimmons	The Shallow Water Ref. Co.	(P)Fitzsimmons	11710	Apt	30-27-13W	80	0	Lans-KC	4,067	6	3	0	0	0	1964
788	Frisbie	Texaco Inc.	(P)F. Smith Lease	5215	F. Smith	6-26-13W	240	---	Lans	3,910	?	4	0	0	0	1957
789	Iuka-Carmi	Beardmore Drilling Co.	(W)Lunt Lease	9116	Lunt	25-26-13W	40	120	Viola	4,192	26	2	0	0	0	1962
790	Iuka-Carmi	CRA, Inc.	(D)Diestler	13555	Diestler	7-27-12W	---	---	Simpson	4,240	20	---	---	0	---	1967
791	Iuka-Carmi	CRA, Inc.	(-)Iuka-Carmi North Sector	11392		31-26-12W;36-26-13W;6-27-12W	---	---	---	---	---	---	---	---	---	---
792	Iuka-Carmi	CRA, Inc.	(-)Iuka-Carmi South Sector	11392		19-27-12W	---	---	---	---	---	---	---	---	---	---
793	Iuka-Carmi	Getty Oil Company	(W)Miskimen-Simpson	13600	L.R. Freymiller, V.E. Miskimen	32-26-12W;5-27-12W	320	0	Simpson	4,214	30	5	0	1	1	1967
794	Iuka-Carmi	Mobil Oil Corporation	(W)C.J. Binger	11041	C.J. Binger	31-26-12W	144	0	Simpson	4,175	255	4	0	0	0	1964
795	Iuka-Carmi	Monsanto Company	(W)Iuka Carmi SE Simpson Unit	13154		17-27-12W	154	---	Simpson	4,360	50	3	0	0	0	1966
796	Iuka-Carmi	Petroleum Management, Inc.	(W)Petrovsky	11870	Hoeme, Petrovsky	20,29-26-12W	0	0	Lans-KC	3,835	90	0	0	0	0	1965
797	Iuka-Carmi	The R.W. Rine Drilling Co.	(D)Briggeman	4827	Briggeman "A", Briggeman "B", Briggeman "C", Hoener "B"	34,35-26-13W	30	0	Lans-KC	3,992	7	2	0	0	0	1965
798	Iuka-Carmi	Shell Oil Company	(W)W. Honeman	7970	W. Honeman	31-26-12W	160	0	Simpson	4,220	50	4	0	0	0	1960
799	Iuka-Carmi	Shell Oil Company	(W)Simpson Sandstone Unit	11363	Briggeman "A", Briggeman "B", J.R. Cooper, G. Hall, Hoeme	28-26-12W	747	0	Simpson	4,298	20	4	4	0	0	1965
800	Iuka-Carmi	Skelly Oil Company	(W)Iuka-Carmi Helmke Unit	6895	Beck "A", Helmke "B", Helmke "H", Helmke "J", Lunders "B", F.B. Wagner	6,7-27-12W	680	40	Simpson	4,230	18	16	7	0	0	1961
801	Iuka-Carmi	Skelly Oil Company	(W)V.E. Miskimen	11297	V.E. Miskimen	32-26-12W	100	0	Simpson	4,200	25	3	1	0	0	1964
802	Iuka-Carmi	Skelly Oil Company	(W)South Iuka-Carmi Unit	8202	S. Beck, J.E. Brown, M.D. Burkner, M.A. Justice, Luders "B"	7,18-27-12W;12-27-13W	680	0	Simpson	4,270	16	12	2	0	0	1961
803	Iuka-Carmi & Rolingson	Amerada Petroleum Corporation	(W)North Rolingson Simpson Unit	13954	Bergner, Grier, Helmke, Humphrey, Jossierand, Rolingson, Stonehenge	19,30,31-27-12W;25,36-27-13W	560	90	Simpson	*	7	3	1	1	1	1968
804	Shriver	Skelly Oil Company	(P)Kerr Area Wfd	4170	F.H. Kerr, I.N. Shriver	27,33-29-14W	80	0	Simpson	4,550	5	4	0	0	0	1954
805	Stark Northeast	Imperial Oil Company	(W)Deniston Lease	14489	Block, Deniston, Hoskinson, Schlenz	6-26-11W	0	0	Viola	4,124	5	0	0	0	0	1968

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
772	3	0	0	0	Irreg.	200	82	Prod + Dakota	1,050	T	S Gas	1/0	37	---	49,369	37,100	126,573	37,100	152,853	
773	4	0	0	0	Irreg.	250	189	Prod + Dakota	1,000	U	S Gas	10/17	36	9	52,887	43,960	276,367	181,038	1,117,071	
774	1	1	0	0	Irreg.	---	105	Prod	---	T	S Gas	?	32	---	2,757	2,757	34,927	85,430	883,463	*3280-3456; †4-8
775	2	0	0	0	Irreg.	100	100	Prod + Dakota	1,550	T	S Gas	?	32	?	1,346	1,346	23,981	84,019	847,536	*3280-3456; †4-8
776	3	0	0	0	Irreg.	300	400	Prod	---	T	Wat	5/95	35	---	28,714	24,000	313,646	139,000	2,206,225	*3220; 3240; †6; 7
777	1	?	?	?	Irreg.	Vac.	35	Prod	---	T	S Gas	1/1	33	?	6,555	?	17,028	?	17,028	
778	1	1	0	0	Line	1,000	51	Prod + Dakota	1,130	T	S Gas	10/3	34	---	7,110	7,110	18,710	71,239	1,006,931	
779	5	0	0	0	Peri.	400	12	Prod + Dakota	740	M	Wat + S Gas	1/1	38	---	46,498	4,378	11,462	4,378	11,462	
780	1	0	0	0	---	500	153	Prod + Cedar Hills	1,000	U	S Gas	30/20	38	?	4,301	4,301	55,845	9,301	101,845	
781	2	0	0	0	Irreg.	250	150	Prod + Dakota	---	M	Wat †	80/20	?	?	25,000	1,000	---	---	---	*14227; †Grav
782	8	0	2	0	Irreg.	500	102	Prod + Dakota	960	T	S Gas	1/1	37	---	92,108	13,000	296,958	22,500	589,662	
783	3	3	0	0	Irreg.	50	165	Prod	---	U	S Gas	2/1	37	8	4,830	4,830	180,324	212,450	5,075,586	
784	1	0	0	0	Irreg.	Grav.	100	Prod	---	U	Wat *	80/20	36	---	73,574	10,000	22,000	10,000	22,000	*Gas Exp
785	1	0	0	0	Peri.	400	130	Prod	---	U	S Gas	?	38	---	30,896	?	30,000	0	30,000	
786	6	15	0	0	Peri.	Vac.	312	Prod + Topeka	2,500	M	S Gas	4/1	38	---	33,197	33,197	683,120	3,676,011	32,871,221	
787	1	0	0	0	---	0	29	Prod	---	U	S Gas	---	36	*	1,856	928	10,502	4,578	54,834	*9.1 @ 100°
788	2	0	0	0	Irreg.	400	400	Prod + Fresh	?	M	S Gas	1/0	32	---	6,768	4,480	289,727	---	1,680,936	
789	1	0	0	0	Irreg.	0	80	Prod + Fresh	90	M	S Gas	?	36	?	2,880	0	33,400	0	1,149,208	
790	---	---	---	---	Irreg.	---	---	---	---	-	---	---	---	---	5	5	282,721	0	355,160	
791	---	---	---	---	---	---	---	---	---	-	---	---	---	---	86,641	86,641	783,080	698,548	4,714,751	
792	---	---	---	---	---	---	---	---	---	-	---	---	---	---	12,659	12,659	525,870	166,082	3,500,650	
793	1	0	0	0	Irreg.	0	230	Prod + Arbuc	---	U	S Gas	12/7	40	?	39,989	39,376	84,036	54,347	90,292	
794	3	1	0	0	Peri.	40	492	Fresh	150	F	S Gas	---	38	?	11,196	11,196	538,751	46,461	2,122,583	
795	2	0	0	0	Irreg.	41	414	Prod + Fresh	100	M	S Gas	20/48	38	---	13,642	8,602	302,386	8,602	600,012	
796	1	0	0	0	Irreg.	0	65	Prod	---	U	S Gas	2/1	32	---	4,306	0	23,400	0	89,040	
797	1	0	0	0	Peri.	450	253	Prod	---	U	S Gas	4/7	36	---	4,758	3,660	92,502	8,365	267,172	
798	4	0	0	0	Irreg.	Vac.	185	?	200	F	S Gas	1/2	36	--	20,743	20,743	270,081	234,425	2,402,327	
799	4	0	0	0	Irreg.	658	50	Prod	---	M	S Gas	2/1	39	---	4,770	4,770	72,980	30,138	1,380,543	
800	6	0	0	0	Irreg.	176	661	Shallow Sands	86	F	S Gas	66/7	38	?	303,434	303,434	1,446,913	1,071,747	6,513,372	
801	3	0	0	0	Irreg.	0	347	Shallow Sand	90	F	S Gas	23/33	40	?	65,024	65,024	380,477	144,207	1,300,698	
802	4	0	0	0	Irreg.	45	596	Shallow Sands	90	F	S Gas	78/35	38	?	72,550	72,550	870,380	383,532	4,332,451	
803	3	0	0	0	Peri.	825	350	Prod + Surface	†	M	S Gas	75/25	38	3	29,382	500	289,030	500	289,030	*4306-4323; †40-100
804	1	0	0	0	Irreg.	0	296	Prod	---	U	S Gas	?	39	?	10,262	10,262	108,151	19,184	1,196,047	
805	1	0	0	0	Line	0	295	Prod	---	U	S Gas	29/70	38	?	69,133	0	42,820	0	42,820	

No.	Field name	Operator	Type and project name	Conservation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
RAWLINS COUNTY																
806	Cahoj West	Burch Exploration, Inc.	(-)Cahoj West	11929	Chadderdon, Savage, Sis	12,13,14-1-35W	400	0	Lans-KC	*	24	3	0	0	0	1964
807	R.H.P.	Empire Drilling Company	(P)Palmer Unit	14615	Cora Graves, R.H. Palmer, Peterson	6,7-1-33W	40	0	Lans-KC	4,078	6	1	0	4	0	1968
RENO COUNTY																
808	Albion North	Harry A. Sprague	(D)Graber Pressure Maintenance	10925	H.D. Graber, Martin Graber, Krehbiel "A", Krehbiel "B"	11-26-6W	240	0	Viola	3,990	10	5	0	0	0	1964
809	Beck West	Solar Oil Company	(W)Roach	13754	Oyer, Roach	14-23-9W	80	40	Basal Penn	3,720	7	3	0	0	0	1967
810	Burrton	O.G. Harper	(W)Homestake Wfd	11107	Sam Collins, Lyman, V. Priddle, Seedle	16-24-4W	80	130	Miss	3,350	21	3	0	0	3	1964
811	Burrton	Home-Stake Production Company	(W)Haven Wfd Project	11107	Carmichael, A. Collins, J. H. Flory, C.D. Hoskinson	3,4,9,10,15,16,17-24-4W	1,300	0	Miss Chat	3,350	28	12	0	0	8	1964
812	Burrton	Harold J. Milburn	(D)Evans Lease	13167	Evans	23-23-4W	160	40	Miss	3,285	10	4	0	2	1	1967
813	Burrton	Okmar Oil Company	(P)Evans & Base	11618	Base, Evans	36-23-4W	80	0	Miss	3,258	40	5	0	0	0	1965
814	Burrton	S & K Oil Co.	(*)Fast-Smith	12044	Fast, Roberts, Smith	25,36-23-4W	680	---	Miss	3,308	52	18	---	0	0	1966
815	Burrton	Sun Oil Co. - DX Division	(D)Sabin "B"	12204	Sabin "B"	11-23-4W	30	30	Miss	3,260	80	2	7	0	0	1965
816	Burrton	Sun Oil Co. - DX Division	(D)Teten	5368	Teten	12-23-4W	20	60	Miss	3,400	15	6	0	0	0	1961
817	Burrton	Tomlinson Oil Co., Inc.	(D)Haury	10414	Haury, Neufeld, White	1,2-23-4W	20	0	Miss	3,243	40	---	---	---	---	1963
818	Nicklaus	Phillips Petroleum Co.	(P)Beltz "A"	5139	Beltz "A"	3-26-4W	40	?	Lans-KC	2,880	20	2	1	0	0	1956
819	Sterling Southwest	Mull Drilling Co., Inc.	(-)Sterling SW	10601	Henry	16-22-8W	?	---	Penn Congl	3,600	5	2	2	0	2	1963
820	Wisby	Lario Oil & Gas Company	(W)Wisby Coop. Flood Unit*	11104	E. Drake A, H. Drake B, Kilbourn, Wisby	8,17,18-22-9W	160	520	Simpson	3,610	15	5	4	0	0	1964
821	Zenith-Peace Creek	Cities Service Oil Company	(W)Peace Creek Unit	4456 2754	Peace Creek Unit	30,31-22-9W;35,36-22-10W;6-23-9W;1,2,11,12-23-10W	920	1,200	Viola	3,750	16	6	0	0	0	1951
RENO-RICE COUNTIES																
822	Sterling	Thos. H. Allan	(-)	6188	Mayer, Sylvia Mayer, Stubbs	4,9-22-8W	400	0	Miss	3,420	10	8	0	0	0	1958
RENO-STAFFORD COUNTIES																
823	Zenith-Peace Creek	Braden-Zenith, Inc.	(W)Zenith Wfd	12893		6,7,18-24-10W;1,2,3,10,11,12,13,14,15,23,24-24-11W	1,100	0	Misener-Viola	3,760 3,780	20 40	6	0	0	0	1966
824	Zenith-Peace Creek	Brunson-Spines	(W)Zenith Wfd	13339	Freeman, Johnson, Spurgeon, Zenith Unit	29,30,31,32-23-10W;25,36-23-11W;5,6-24-10W	320	160	Viola	3,700	10	4	2	1	2*	1967
RICE COUNTY																
825	Bloomer	Francis Oil & Gas, Inc.	(D)Stout	9561	Stout	6-18-10W	80	0	Lans-KC	3,037	200	1	0	0	0	1962
826	Bull Creek	Union Oil Co. of Calif.	(W)Bull Creek Miss Unit	12968 12913	R.M. Culbertson, L.J. Driver, C.A. Frederick, Marie McFarland, V.A. Martin	25,26,35,36-21-8W	720	0	Miss Chat-Penn Congl	3,344	5	5	4	0	0	1967
827	Bull Creek	Union Oil Co. of Calif.	(D)NW Bull Creek	13034	B.F. Cossitt, R.A. Dilley, Marie McFarland	23,26-21-8W	200	0	Miss Chat-Penn Congl	3,357	5	2	0	0	0	1967
828	Chase-Silica	Icer Addis	(W)Schubert	13524	Hodgins, Schubert	9,16-20-10W	320	?	Simpson	3,400	5	3	0	0	1	1967
829	Chase-Silica	Aylward Drilling Co.	(P)Link "B"	13588	Link "A", Link "B"	18-19-9W	140	0	Lans-KC	2,962	4	4	0	0	0	1967
830	Chase-Silica	Jay Bergman Oil Company	(W)Eatinger Lease	7885		20-19-10W	20	0	Lans-KC	2,975	50	2	0	0	0	1960
831	Chase-Silica	Jay Bergman Oil Company	(W)Soeken Lease	9634		11-19-9W	80	0	Simpson	3,309	12	3	0	0	0	1962
832	Chase-Silica	Cities Service Oil Company	(W)Behnke Unit	7984	Behnke Unit	6-19-9W;1-19-10W	73	0	Lans-KC	3,180	21	4	1	0	0	1961
833	Chase-Silica	Colorado Oil Company	(W)Link Lease	9022	Link	19-19-9W	80	0	Lans-KC	2,912	6	3	0	0	0	1967
834	Chase-Silica	Home-Stake Production Co.	(D)Specht "A" & "B"	11507	Specht "A" & "B"	16-20-10W	120	0	Lans-KC	3,300	20	2	0	0	0	1965
835	Chase-Silica	Richard L. Mai	(D)Link	13588	Link "A", Link "B"	18-19-9W	140	1	Lans-KC	2,962	?	4	0	0	0	1967
836	Chase-Silica	Murfin Drilling Company	(D)	9058*	Robbins-Weaver	19-19-9W	60	---	Lans-KC	2,970	10	3	0	0	0	1964
837	Chase-Silica	Nat. Coop. Ref. Assn	(W)Raymond District	10470	Bayer "A", Bayer "B"	20-20-10W	20	40	Lans	3,080	13	2	0	0	0	1963
838	Chase-Silica	Pan American Pet. Corp.	(W)Roth	7692	H. Roth	29-19-10W	160	0	Lans	2,957	104	1	0	0	0	1960
839	Chase-Silica	Petroleum Management, Inc.	(W)B.G. Proffitt	10600	B.G. Proffitt	25-19-10W	0	0	Lans-KC	3,020	18	0	0	0	0	1963
840	Chase-Silica	Skelly Oil Company	(W)Bernstorf Area	6044 6043	Bernstorf "B", Bernstorf "D"	23-19-10W	160	0	Lans-KC	3,140	12	6	1	0	0	1958



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
806	1	0	0	0	Irreg.	0	75	---	---	U	S Gas	1/1	36	6	43,282	0	27,098	0	381,473	*4154-4249
807	1	0	1	0	Irreg.	400	70	Prod + Lans-KC	---	T	Grav	99/1	38	---	34,632	0	5,250	0	5,250	
808	1	0	0	0	Peri.	0	1,100	Prod	---	U	Wat	?	42	---	22,313	5,000	350,000	64,000	1,274,000	
809	1	0	0	0	Peri.	Vac.	97	Prod	---	T	Wat	38/62	34	---	13,621	13,621	35,239	19,281	43,390	
810	2	0	0	0	Peri.	0	400	Prod	---	U	Wat	4/96	36	---	7,200	4,000	288,000	4,000	144,000	
811	11	0	0	11	5-spot	Vac.	250	Prod + Equus		F T	S Gas	---	36	---	27,534	27,534	492,161	227,592	29,528,486	*50-100
812	1	0	1	0	Irreg.	0	1,000	Prod	---	U	Grav	10/90	38	?	20,000	5,000	12,000	8,000	520,000	
813	1	0	0	0	5-spot*	0	434	Prod + Alluvium	15	M	S Gas	?	34	---	27,713	3,050	158,223	6,850	680,212	*Inverted
814	2	0	0	0	5-spot	Vac.	644	Prod	---	U	?	---	38	---	62,656	1,253	471,513	2,447	915,367	*Vac
815	1	0	0	0	Irreg.	0	1,317	Prod	---	U	S Gas	?	38	?	6,125	6,125	480,569	13,494	1,026,003	
816	1	0	0	0	Irreg.	0	982	Prod	---	U	S Gas	?	38	?	6,883	6,883	358,368	982,022	2,026,388	
817	---	---	---	---	Irreg.	0	100	Hunton	3,600	U	---	---	38	---	---	---	36,000	0	200,000	
818	1	0	0	0	Irreg.	0	129	Prod	---	U	S Gas	5/4	35	10	7,909	2,773	47,291	84,323	665,900	
819	1	0	0	0	Irreg.	0	1,000	Prod	---	U	Wat	---	37	---	5,215	?	300,000	?	1,684,168	
820	5	0	0	0	Irreg.	1,000	3,300	Ground Arkansas River Basin	---	F	S Gas	18/73	39	?	12,527	1,427	341,221	17,208	1,622,980	*Project abd 6-1-68
821	6	2	0	2	Line	4	793	Prod + Water Sand	185	F U	S Gas	5/26	39	?	43,302	43,302	1,741,355	1,334,682	27,908,994	
822	2	0	0	0	Peri.	1,300	124	Prod + Surface Sd	50	M	S Gas	90/10	35	?	12,866	6,433	45,024	48,500	70,500	
823	6	0	1	0	Line	0	4,920	Prod + Meade Sand	40	M	S Gas	7/93	41	5	20,935	20,935	10,332,134	20,935	15,485,257	
824	4	0	2*	0	Peri.	11	3,417	Prod + Shallow Sd	40	F	S Gas + Grav	1/21	40	?	4,981	4,981	5,002,992	28,855	5,248,389	*Converted
825	1	0	0	0	Irreg.	Grav.	600	Prod	---	U	Gas Exp	---	40	---	12,775	0	150,000	0	750,000	
826	9	0	0	0	5-spot	1,200	165	Prod + Surface Gravels	?	M	S Gas	5/17	36	?	1,739	0	175,552	0	1,573,627	
827	1	0	0	0	Irreg.	500	165	Prod	---	U	S Gas	19/31	36	?	51	0	35,000	0	108,956	
828	1	0	0	0	Irreg.	Vac.	270	Prod	---	U	Gas Exp	10/90	53	?	8,355	2,500	94,450	6,000	183,150	
829	1	0	0	0	Irreg.	50	40	Prod	---	U	S Gas	---	38	?	1,292	782	4,840	1,282	19,440	
830	1	0	0	0	Irreg.	0	50	Prod + Sanborn	250	M	S Gas	60/40	38	---	12,700	2,100	35,000	8,100	95,000	
831	1	0	0	0	Irreg.	815	100	Prod + Sanborn	260	M	S Gas	1/0	45	---	62,300	6,000	16,150	109,000	238,650	
832	7	0	0	0	5-spot	900	167	Water Sand	100	F	S Gas	30/93	40	?	21,418	21,418	428,802	201,874	3,528,698	
833	1	0	0	0	Irreg.	0	154	Prod + Arbuc	3,226	U	Wat	13/82	42	---	2,860	833	56,184	833	84,950	
834	1	0	0	0	Irreg.	Vac.	489	Prod	---	U	S Gas	---	40	---	7,427	2,934	178,496	2,934	472,646	
835	1	0	0	0	Irreg.	0	50	Prod	---	U	Grav	20/80	?	?	3,500	?	18,250	?	27,250	
836	1	0	0	0	---	Vac.	360	Prod	---	T	S Gas	11/89	42	?	9,114	?	119,720	0	420,950	*9057
837	2	0	0	1	Irreg.	933	671	Prod	---	U	S Gas	1/0	42	?	3,959	1,009	245,810	13,962	1,706,203	
838	1	1	0	0	Irreg.	0	115	Prod	---	U	S Gas	1/1	44	---	3,645	3,645	41,933	29,647	333,980	
839	1	0	0	0	Irreg.	50	70	Prod	---	U	S Gas	---	---	---	2,488	0	25,200	0	208,658	
840	2	0	0	0	Irreg.	0	532	Prod	---	U	S Gas	---	37	?	11,238	11,238	388,370	303,524	3,057,730	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Nome	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
RICE Cont.																
841	Chase-Silica	Skelly Oil Company	(-)Knop "A"	7360	Knop "A"	21-19-10W	80	0	Lans	3,110	39	5	0	0	0	1960
842	Chase-Silica	Ira Stephens, Jr.	(D)Keller	9916	Keller	5-19-9W	80	80	---	---	---	2	0	0	---	1963
843	Chase-Silica	Robert F. White	(D)Layton	12521	Haxton-Layton	29-19-9W	0	0	KC	2,936	10	0	0	0	0	1967
844	Crawford	Sun Oil Company	(W)Brinckerhoff	12492	Brinckerhoff	18-18-6W	30	0	Penn Congl	3,184	22	2	0	0	0	1966
845	Frederick	Beardmore Drilling Co.	(W)Staatz	9892	Staatz, Sturgeon	10,15-18-9W	80	60	Penn Congl	3,265	10	4	0	0	0	1963
846	Frederick	Isern-Wells	(W)Groth Flood	11529	Groth, Rollins, Schroeder	10-18-9W	160	0	Simpson	3,230	12	0	0	0	0	1965
847	Frederick	The Shallow Water Ref. Co.	(P)Staatz & Schroeder	11795	Schroeder Unit & Staatz	10,11-18-9W	320	0	Simpson	3,252	12	7	1	0	0	1963
848	Geneseo-Edwards	Continental Oil Company	(P)Geneseo Joint L-KC	12620	S. Ainsworth, J.R. Lansing, J.R. Lansing "A"	25-18-8W	260	0	Lans-KC	2,875	50	13	0	0	0	1966
849	Geneseo-Edwards	Continental Oil Company	(W)Geneseo Simpson Sand Unit Wfd	7243	S. Ainsworth, D.I. Bolton, J. Jones, A.H. Meyer, J.R. Lansing, C.W. Poland, J. Powell	30,31-18-7W;25,36- 18-8W	290	0	Simpson	3,170	16	13	8	0	0	1960
850	Geneseo-Edwards	Kaiser-Francis	(D)Zajic	11875	Zajic	13-18-8W	160	---	Lans-KC	2,789	250	5	0	0	0	1965
851	Geneseo-Edwards	Murfin Drilling Company	(W)Geneseo Unit	12712	Unitized Geneseo Unit	3,4,9,10-18-8W	80	0	Basal Penn	3,200	9	5	0	0	0	1967
852	Glen Sharrald Northwest	Allison & Black	(P)Feist	14317	Feist	20-18-10W	120	0	Lans	3,218	10	---	0	3	0	1968
853	Lyons West	Champlin Petroleum Co.	(W)J.M. Speck	14234	J.M. Speck	18-20-8W	320	0	Kinderhook	3,300	8	0	0	0	0	1968
854	Lyons West	Kewanee Oil Company	(W)West Lyons Unit	13839	West Lyons Unit	16,17,20,21,28,29, 30,31,32,33-19-8W; 5-20-8W	3,520	0	Miss Kinderhook	3,320	15	53	5	0	0	1968
855	Lyons West	Lebsack Oil Prod., Inc.	(W)Babcock-Chandler	13618	Babcock-Chandler, Hartle	13-20-9W	160	0	Kinderhook	3,250	10	4	0	0	0	1967
856	Mary Ida South	Pioneer Operations Co., Inc.	(W)Mooney-Manke	12960		6,7,8-19-10W	640	0	Lans-KC	2,950	150	17	0	0	0	1966
857	Odessa	Atlantic Richfield Co.	(W)Odessa Field Unit	8206 4823	Odessa Field Unit	28,29,32,33-18-6W; 4-19-6W	800	0	Marmaton	3,090	8	11	0	0	0	1959
858	Orth	Meltzer Oil Company	(D)Habiger	3875	Habiger	27-18-10W	---	---	Topeka	2,434	250	2	0	0	0	1954
859	Orth	Skelly Oil Company	(W)Volkland "A"	3953	Volkland "A"	27-18-10W	60	0	Topeka	2,670	16	3	0	0	0	1954
860	Orth	Sun Oil Co. - DX Company	(D)Orth	2047	Roelfs	27-18-10W	0	80	Arbuc	3,150	8	0	0	0	0	1948
861	Ponce	Clamur Drilling Co.	(W)Ponce	14265	Ponce	28-21-7W	240	240	Congl Sd	3,420	15	2	0	0	0	1968
862	Ringwald	Rocket-Schusterman Oil Account	(W)Ringwald Gemeinhardt	14300 7522	Gemeinhardt, Ringwald	29,32-18-10W	140	0	Lans-KC	2,930	30	4	2	0	0	1961
863	Ringwald	Skelly Oil Company	(W)Buehler "A" Wfd	3502	Buehler "A"	33-18-10W	80	65	Lans-KC	2,280	15	1	2	0	0	1953
864	Smyres & Welch- Bornholdt	Shade & Berry	(P)	6848	Anderson, Mattson	25-19-6W	---	0	Miss Chat	3,435	14	11	---	0	0	1959
865	Tobias	I.O. Miller	(D)Lipp	13650	Lipp	11-21-9W	---	---	Lans-KC	2,920	8	0	0	0	1	1967
866	Tobias	Thunderbird Drilling, Inc.	(P)Tobias Pressure Maintenance System	10559	Caskey, Fair "A", Fair "B", Fair "C", Faler, Gillen, Harrison, Koons, Pulliam, Schafer, Tobias	25,26,35,36-20-9W; 2-21-9W	830	0	Simpson	3,300	16	30	0	0	0	1964
867	Welch-Bornholdt	H.C. Bennett	(D)Sadie Conrod	700	Sadie Conrod	3-21-6W	480	---	Miss	3,400	13	12	0	0	0	1942
868	Welch-Bornholdt	J.W. Braden, Jr.	(D)Braden	13203 13199	Braden A, Braden B, Braden C	1-20-6W	40	130	Miss Chat	3,300	40	3	0	0	1	1967
869	Welch-Bornholdt	Donald T. Ingling	(W)Fry	10740	Fry	22,23-20-6W	40	0	Miss	3,331	40	4	0	0	0	1964
870	Welch-Bornholdt	Plains Exploration Co.	(-)Welch-Bornholdt	12367 12187 10733 9071	Ainsworth, Alexander, Bel- den, Bengston, Duvall "A", Duvall "B", Eaton, Ekholm, Fair "B", Fry "C", Fry "E", Fry "G", Fry "I", Hanson, Hodge, Hokr, Hubenett, Johnson "D", Lee, Libby, Lindholm "B", Lindholm "C", Malm, Malm "D", Mattson, Moll, Snyder, Unit "A", Unit "B", Wernet	13,15,16,21,22,23, 24,25,26,27,28,33, 34-20-6W;4-21-6W	1,940	0	Miss	3,300	?	50	11	0	5	1958
871	Welch-Bornholdt	Shade & Berry	(P)Braden	13204	Braden "A"	1-20-6W	80	130	Miss Chat	3,250	50	1	---	---	---	1967
872	Welch-Bornholdt	Sterling Drilling Co.	(P)Harder "B"	10253	Harder "B"	36-20-6W	160	0	Miss	3,356	25	0	0	0	1	1963
873	Welch-Bornholdt	Sterling Drilling Co.	(P)Miller-Johnson	8754	Johnson, Miller	3,4-21-6W	320	0	Miss	3,421	50	0	0	0	1	1958
874	Wherry	Colorado Oil Company	(P)Hauschild Lease	14332	Hauschild	11-21-7W	40	0	Congl Sd	3,360	20	1	0	0	0	1968
875	Wherry	J.K. Fortner	(D)	4214		4,9-21-7W	80	---	---	---	---	---	---	---	---	---
876	Wisby Northeast	Nat. Coop. Ref. Assn	(P)Rino Pressure Maintenance Project	10813	Dickens, Wellman "B"	32,33-21-9W	10	10	Simpson	3,540	15	2	0	0	1	1964

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
841	0	1	0	0	Irreg.	0	0	Prod	---	U	S Gas	8/57	40	?	10,858	10,858	0	59,894	210,461	
842	1	0	0	0	Irreg.	0	120	Prod	---	T	---	---	43	?	2,342	?	0	?	219,000	
843	1	0	0	0	Irreg.	Grav.	35	Prod + Arbuc	---	T	S Gas	25/75	37	?	62,000	0	12,600	0	18,600	
844	1	0	0	0	Irreg.	500	150	Lans	2,736	U	S Gas	4/1	38	---	8,048	8,048	54,730	19,824	136,080	
845	1	0	0	0	Irreg.	Vac.	223	Prod	---	T	Wat	---	47	?	27,926	7,500	81,495	18,000	471,695	
846	1	0	0	0	Irreg.	440	87	Prod	---	T	S Gas	1/0	47	?	5,677	0	32,124	?	?	
847	1	0	0	0	Irreg.	548	99	Prod	---	T	Comb.	---	47	2.4	33,192	0	36,473	0	135,139	
848	3	0	0	0	Irreg.	1,250	372	Prod	---	U	Wat	?	36	---	0	0	407,922	0	991,261	
849	6	0	0	0	Line	1,650	348	Prod + Arbuc-Lans-KC-Simpson	3,200	T	S Gas	?	36	---	94,790	94,790	763,211	852,804	5,047,612	
850	1	0	0	0	Irreg.	380	500	Prod	---	U	Gas Exp	---	32	---	13,528	1,500	182,500	7,100	659,125	
851	6	1	2*	1	Irreg.	1,000	105	Prod + Arbuc	3,250	T	S Gas†	1/2	38	?	32,165	9,185	230,561	11,530	380,657	*Converted; †Grav
852	1	0	0	0	Peri.	950	145	Prod + Arbuc	3,266	T	Gas Exp	99/1	39	?	69,137	17,534	26,100	17,534	26,100	
853	2	1	0	0	Irreg.	200	460	Fresh	12	F	S Gas	25/5	37	10	6,980	0	195,660	0	195,660	
854	16	1	0	0	9-spot	558	260	Purchased	---	F	S Gas	3/1	40	?	459,065	21,961	1,522,890	21,961	1,522,890	
855	1	0	0	0	Irreg.	200	98	Prod + Chase*	30	M	S Gas	80/20	43	---	9,733	0	35,830	0	103,420	*Channel Sand
856	5	0	0	0	Irreg.	300	300	Prod + Arbuc	3,200	T	S Gas	40/60	38	---	1,842,129	1,657,916	547,500	165,000	1,275,000	
857	6	0	0	0	Irreg.	215	266	Prod + Lans-KC	2,900	U	S Gas	70/36	28	?	40,362	40,362	583,400	744,888	5,259,400	
858	2	0	0	0	Peri.	Vac.	330	Prod	---	U	Wat	---	--	---	9,062	906	171,550	14,556	1,985,710	
859	1	0	0	0	Irreg.	312	450	Prod	---	U	S Gas	1/2	30	?	8,980	8,980	164,423	155,951	1,553,065	
860	1	0	0	0	Irreg.	0	1,000	Prod	---	U	Wat	---	?	?	0	0	370,000	0	4,897,415	
861	1	0	0	0	Irreg.	0	50	Prod	---	U	?	5/1	35	?	9,386	0	3,000	0	3,000	
862	1	0	0	0	Irreg.	1,600	400	Prod	---	U	S Gas	---	40	?	20,268	20,268	139,000	234,354	1,172,321	
863	1	0	0	0	Irreg.	200	407	Prod	---	U	S Gas	?	40	?	6,314	6,314	148,562	48,421	1,819,948	
864	1	0	0	0	?	0	180	Prod	---	U	Wat + S Gas	---	34	---	?	?	66,000	---	558,000	
865	1	0	0	0	Irreg.	0	40	Prod + Lans-KC	2,920	T	S Gas	4/1	40	3	4,900	?	10,700	?	21,400	
866	5	0	0	0	Peri.	100	2,700	Prod + Arbuc	3,375	U	Wat + S Gas	63/1	45	1.9	277,888	0	248,690	?	1,630,131	
867	1	1	0	0	Irreg.	50	3,500	---	---	T	---	---	36	---	16,978	4,245	1,277,500	---	---	
868	1	1	0	0	Irreg.	Grav.	150	Prod	---	U	Wat + S Gas	20/80	33	?	3,900	0	50,000	0	100,000	
869	1	0	0	0	Irreg.	0	50	Prod	---	U	Wat	---	35	---	6,100	0	18,000	0	114,000	
870	13	2	1	0	Irreg.	920	160	Prod + Fresh	---	M	S Gas + Gas Exp + Grav	---	34	?	108,192	21,427	791,415	102,997	8,089,577	
871	1	0	0	0	Irreg.	0	200	Prod	---	U	Wat*	---	34	---	?	?	50,000	---	100,000	*S Gas
872	1	0	0	0	Irreg.	350	20	Prod	---	U	S Gas	---	32	---	2,255	0	7,300	0	63,360	
873	1	0	0	0	Irreg.	300	750	Prod	---	U	S Gas	---	35	---	9,075	0	273,750	0	4,369,500	*5072
874	1	0	0	0	Irreg.	0	95	Prod	---	U	Wat	5/77	30	---	293	0	13,300	0	13,300	
875	1	---	---	---	Irreg.	0	50	Prod	---	T	S Gas	---	32	---	6,000	0	15,000	---	---	
876	1	0	0	0	Irreg.	285	379	Prod	---	U	Wat	1/0	39	?	1,707	0	138,589	31	374,654	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
ROOKS COUNTY																
877	Andreson	Davis Bros. Oil Prod.	(W)Andreson Wfd	14067	Andreson C, Gasaway D, Gasaway F, Gasaway F	31-10-18W	160	---	Lans-KC	3,500	75	2	0	0	0	1968
878	Barry	Continental Oil Company	(W)Barry L-KC Wfd	13518	Dan Barry, Dan Barry "A", Dan Barry "B", Dan Barry "C", J. Gick, P.F. Heder- horst, L. Rostocil, J.E. Slansky	1,2,3,10,11-9-19W	1,540	0	Lans-KC	3,200	12	20	3	0	0	1968
879	Bemis-Shutts	Tenneco Oil Company	(W)Kempe "A"*	9461	Kempe "A"	31-10-17W	320	0	Lans-KC	3,430	8	---	---	---	---	---
880	Carmichael	Petroleum, Inc.	(W)Carmichael Unit	9767	Carmichael-Mosher "A", Welch "A-C"	33-8-18W	480	---	Lans-KC	3,175	231	3	1	0	0	1963
881	Chesney	Cities Service Oil Company	(W)Chesney Unit	9977	Chesney Unit	12-8-17W	60	0	Lans-KC	3,060	13	4	0	0	0	1963
882	Dopita	Cities Service Oil Company	(W)Reeder Lease	12545	Reeder	19-8-17W	40	0	Toronto*	3,090	20	2	0	0	0	1966
883	Dopita	Pan American Pet. Corp.	(W)P. McMillen	8544*	P. McMillen	24-8-18W	80	0	Toronto†	3,136	197	3	0	0	0	1965
884	Dopita	Shell Oil Company	(W)H.A. Krug	11324	H.A. Krug	19-8-17W	150	0	Toronto*	3,132	204	5	0	0	0	1965
885	Dorr	Cities Service Oil Company	(W)Dorr Unit	9161*	Dorr Unit	16,17,20,21-9-16W	620	0	Dodge-L-KC	3,141	45	22	1	0	0	1952
886	Dorr	Theodore Gore	(P)	13728	Casey, Meyers	16,21-9-16W	320	0	Lans-KC	3,445	251	4	0	0	0	1962
887	Finnesy & Finnesy South	Davis Bros. Oil Prod.	(W)South Finnesy	7789	Garvert E, Shepard A, Shepard C	13,23,24-10-18W	320	250	Lans-KC	3,500	75	4	0	0	0	1960
888	Grover	Aylward Drilling Company	(D)Roy "B"	12595	A.L. Abercrombie's Roy, Grover, Roy "B"	22-7-19W	250	70	Lans-KC	3,085	10	5	0	0	0	1966
889	Kruse	Cities Service Oil Company	(W)Kruse Unit	10258	Kruse Unit	2,11-10-16W	105	0	Dodge-L-KC	3,050	34	5	0	0	0	1963
890	Laton	Cities Service Oil Company	(W)Laton Pool Coop Wfd	3504	Adams "A", "B" & "C", Adams "D", Dennis, Hodson, Holy Cross	33,34-8-16W;4-9-16W	370	0	Dodge- Lans-KC	3,070	53	16	2	0	0	1953
891	Laton	Co-Co, Inc.	(W)Blank Coop Wfd	12702	Blank	14-9-16W	120	0	Toronto*	3,190	45	3	0	0	0	1966
892	Laton	Co-Co, Inc.	(W)Doane-Swisher Coop Wfd	6619	Doane, Swisher	34-8-16W	300	160	Toronto- Lans-KC	3,020	52	7	0	0	0	1962
893	Laton	Co-Co, Inc.	(W)Gamble-McFadden "E" Coop Wfd	12140 7166	Gamble, McFadden "E"	3-9-16W	320	80	Toronto- Lans-KC	3,070	52	8	0	0	0	1963
894	Laton	Co-Co, Inc.	(W)Luhman Coop Wfd	7831	Co-Co, Luhman, Jones & Campbell-Sarver	11,12-9-16W	200	0	Toronto- Lans-KC	3,180	34	5	0	0	0	1965
895	Laton	O.F. Krueger	(W)Laton Flood Project	10499	Beardmore, Buell, Luhman- Johnson, Tatkenhorst B, Tatkenhorst C, Tatkenhorst E, Tatkenhorst Home	10,11-9-16W	420	0	KC	3,240	*	14	0	0	0	1965
896	Laton	Leben Drilling, Inc.	(D)Laton Field	12703	Adams, Rarick, Webster	32-8-16W;4,5-9-16W	180	320	Lans-KC	3,100	36	2	0	---	?	1966
897	Laton	Monsanto Company	(D)Bergler	8118		33-8-16W	26	---	Lans-KC	3,100	20	1	2	0	0	1960
898	Laton	Murfin Drilling Company	(W)North Laton Unit	13043	Unitized North Laton Unit	27,28-8-16W	400	0	Lans-KC	3,060	20	6	0	0	0	1966
899	Marcotte	Nadel & Gussman	(W)Stithem & Eliza	12517	Eliza, Stithem	14-10-20W	40	0	Lans-KC	3,693	17	2	0	0	0	1966
900	Marcotte	Okmar Oil Company	(W)Marcotte	10570	Marcotte "A"	18-10-19W	104	0	Lans-KC	3,500	5	4	0	0	0	1964
901	Marcotte	Okmar Oil Company	(P)Rode-Williams	9848	Rode, Veatch, Williams	9,16-10-20W	300	0	Lans-KC*	3,440†	12†	1	0	0	0	1968
902	Marcotte	Skelly Oil Company	(-)Lillian Scoggins	10310	Lillian Scoggins	18-10-19W	80	0	Lans	3,565	35	5	0	0	0	1964
903	Nettie	Phillips Petroleum Co.	(W)Nettie Unit	11849		33,34-9-17W;3,4- 10-17W	560	?	Toronto- L-KC-Arbuc	3,225	60	25	1	0	0	1965
904	Nyra	Harold Krueger	(P)Carmicheal	4777	Carmicheal	15-9-17W	10	0	KC	3,230	3	0	0	0	0	1956
905	Plainville	Davis Bros. Oil Prod.	(W)Plainville Wfd Unit #1	12384	Bice, Collins E, Klein- schmidt B, Ross C, Ross D	6,7-10-17W	1,050	0	Lans-KC	3,500	75	18	0	0	0	1966
906	Plainville	Davis Bros.	(W)Plainville Wfd Unit #2	13187	Plante B, White A, White B, Winters C	8-10-17W	640	0	Lans-KC	3,500	75	8	0	0	0	1967
907	Plainville	Davis Bros. Oil Prod.	(W)Plainville Wfd Unit #3	14009	Burton D, Ganoung A, Garvert O, Hoffman D, Jenson A, Mock A, Plante A, Vohs E	17,18,20,21-10-17W	960	0	Lans-KC	3,500	75	11	0	0	0	1968
908	Trico	Colorado Oil Company	(P)Williams Lease	7906	Williams	27-10-20W	20	30	Lans-KC	3,400	200	1	0	0	0	1960
909	Trico	Kaiser-Francis	(D)Williams	13998	Williams	28-10-20W	80	0	Arbuc	3,747	---	2	0	0	0	1968
910	Trico	Murfin Drilling Company	(P)	10794	Briggs, Harlan	34-10-20W	60	---	Lans-KC	3,500	37	2	0	0	0	1964
911	Trico	Sterling Drilling Company	(D)Trible	9412	Trible	28-10-20W	160	120	Arbuc	3,739	11	0	0	0	0	1962
912	Vohs	Kewanee Oil Company	(W)Vohs Wfd	12309	Catudal A, Catudal B, Husted A, Husted B, Vohs	11,14-10-19W	200	0	Lans	3,300	200	4	0	0	0	1966
913	Vohs	Pan American Pet. Corp.	(W)F. Senecal	13602	F. Senecal	12-10-19W	40	0	Lans	3,303	105	1	0	0	0	1967
914	Vohs	Sinclair Oil Corporation	(W)H.J. Vohs "A"	12298	H.J. Vohs "A"	13-10-19W	120	0	Lans-KC	3,280	32	4	0	0	0	1966
915	Webster	Phillips Petroleum Co.	(W)Fidelis Lease	14335		33-8-19W	100	?	Lans-KC	3,180	20	4	0	0	0	1968
916	Westhusin	Atlantic Richfield Co.	(W)McClay Lease	10080	McClay	12-9-17W	80	0	Lans-KC	3,130	254	4	0	0	0	1963

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data	
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,		
877	3	0	0	0	Peri.	600	100	Prod	---	T	Grav	60/40	34	5	13,639	13,639	77,510	13,639	77,510		
878	9	0	0	0	Peri.	500	516	Cedar Hill	883	T	S Gas	?	35	---	77,747	35,461	1,321,362	35,461	1,321,362		
879	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Inactive waterflood
880	1	0	0	0	Line	662	339	Prod + Dakota	750	M	S Gas	1/12	37	---	4,338	4,338	120,965	31,588	722,367		
881	3	0	0	0	Peri.	447	234	Prod + Dakota	512	U	S Gas	1/1	36	?	13,793	13,793	257,427	74,061	899,746		
882	1	0	0	0	Irreg.	125	32	Prod	---	U	S Gas	21/23	27	?	5,692	5,692	11,840	13,600	55,033	*Lans-KC	
883	1	0	0	0	Irreg.	0	342	Prod	---	U	S Gas	5/43	32	---	11,472	11,472	124,977	44,128	379,714	*4089; †Lans	
884	3	1	0	0	Irreg.	41	247	Prod	---	U	S Gas	1/3	32	---	18,374	18,374	270,742	97,809	1,295,261	*Lans-KC	
885	14	1	0	0	5-spot	0	286	Prod + Dakota	800	U	S Gas	3/4	38	?	119,239	119,239	1,465,167	560,620	7,286,955	*2957	
886	2	0	0	0	Irreg.	140	216	Prod	---	U	Wat	---	39	---	7,625	2,250	157,614	50,200	1,241,205		
887	3	1	0	1	Peri.	475	550	Prod + Dakota	450	T	Grav	90/10	34	6	20,754	20,754	785,695	214,316	2,780,695		
888	1	0	0	0	Irreg.	0	80	Prod	---	T	S Gas	---	34	?	9,424	7,400	29,362	30,464	66,433		
889	2	1	0	1	Peri.	265	263	Prod + Dakota	730	U	S Gas	50/75	37	?	22,267	22,267	192,367	98,075	690,458		
890	7	0	1	1	Irreg.	6	221	Prod + Dakota	850	U	S Gas	25/11	33	?	83,416	83,416	567,217	652,537	4,365,429		
891	1	0	0	0	Irreg.	350	233	Prod + Dakota	950	M	S Gas†	35/65	39	?	15,537	9,657	85,339	14,334	201,049	*Lans-KC; †Grav	
892	2	0	0	0	Irreg.	440	358	Prod + Dakota	800	M	S Gas + Grav	30/70	40	?	44,397	44,397	196,763	399,074	1,432,386		
893	4	0	0	0	Irreg.	200	286	Prod + Dakota	870	M	S Gas + Grav	30/70	40	?	40,591	40,591	313,502	194,396	1,535,038		
894	1	0	0	0	Irreg.	350	241	Prod + Dakota	950	M	S Gas + Grav	30/70	40	?	8,187	8,187	88,242	15,539	298,714		
895	3	0	0	0	Irreg.	Vac.	210	Prod	---	T	S Gas + Grav	1/1	39	---	85,629	57,086	237,255	215,491	728,465	*3-6	
896	1	---	---	---	Irreg.	Vac.	240	Prod	---	U	S Gas	?	38	?	2,633	1,133	8,700	2,350	18,600		
897	1	0	0	0	Irreg.	0	57	Prod	---	U	S Gas	1/1	33	---	11,238	8,154	20,805	10,704	412,880		
898	3	0	0	0	Peri.	650	311	Prod + Dakota	600	M	S Gas*	6/94	39	?	25,602	20,817	341,822	32,240	567,486	*Grav	
899	2	0	0	0	Peri.	0	200	Prod + Dakota	700	T	S Gas	80/20	29	---	66,700	2,000	77,600	6,400	269,927		
900	1	0	0	0	Irreg.	0	315	Prod + Arbuc	3,770	U	S Gas	?	33	---	4,860	2,600	115,018	25,572	344,925		
901	1	0	0	0	Irreg.	0	206	Prod + Lans-KC	3,440	U	S Gas	1/10	29	---	7,288	450	28,210	450	28,210	*Arbuc; †3746; †5	
902	2	0	0	0	Irreg.	0	1,390	Prod	---	U	S Gas	1/10	30	?	6,474	6,474	507,274	31,348	1,068,294		
903	6	1	0	0	Irreg.	50	296	Prod	---	U	Wat + S Gas	10/43	35	10	122,142	99,715	649,726	277,655	2,273,204		
904	1	0	0	0	?	60	50	Prod	---	T	S Gas	1/2	30	---	7,270	0	18,250	0	120,500		
905	5	0	0	0	5-spot	750	450	Prod + Dakota	450	T	Grav	75/25	34	5	81,739	81,739	1,046,215	335,355	1,788,389		
906	2	0	0	0	5-spot	750	250	Prod + Dakota	450	T	Grav	75/25	34	6	53,954	53,954	24,233	107,913	218,237		
907	6	0	0	0	5-spot	700	250	Prod + Dakota	450	T	Grav	75/25	34	5	22,082	22,082	348,565	31,802	348,565		
908	1	0	0	0	Irreg.	280	110	Prod	---	U	---	---	30	---	11,376	1,686	40,249	14,578	807,940		
909	1	0	0	0	Irreg.	Grav.	20	Prod	---	U	Gas Exp	---	29	---	9,400	0	7,000	0	7,000		
910	1	0	0	0	Irreg.	Vac.	51	Prod	---	T	S Gas*	60/40	28	?	7,201	?	18,666	?	51,881	*Grav	
911	1	0	0	0	Irreg.	Vac.	140	Prod	---	U	Grav	---	31	---	5,499	0	51,100	0	271,070		
912	1	1	0	0	Irreg.	Vac.	277	Prod	---	U	S Gas	3/58	23	?	18,591	4,886	101,287	16,069	379,632		
913	1	0	0	0	Irreg.	0	121	Prod	---	T	S Gas	5/29	36	---	9,384	9,384	44,286	13,670	61,366		
914	2	0	0	0	Irreg.	450	370	Prod + Arbuc	3,596	U	Wat*	---	34	---	31,355	31,355	270,987	82,232	864,671	*Gas Exp + Grav	
915	2	0	0	0	5-spot	0	254	Prod + Cedar Hills	830	U	S Gas	10/63	36	9	11,998	602	101,723	602	101,723		
916	2	0	0	0	Irreg.	Vac.	202	Prod	---	U	S Gas	2/5	35	?	22,133	22,133	147,200	203,744	1,617,700		

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease(s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
ROOKS Cont.																
917	Westhusin	CRA, Inc.	(D)Westhusin	10108	Baxa, McClay, Dora Smith, Westhusin Unit, Westhusin "F", J. Westhusin	11,12-9-17W	---	---	Lans-KC	3,130	20	---	---	0	---	1963
918	Westhusin	Harold Krueger	(P)Colahan	13645	Colahan, Dougherty B	18-9-16W	80	0	KC	3,150	*	2	0	0	0	1967
919	Westhusin	Harold Krueger	(P)Mary Dougherty	13647	Mary Dougherty	13-9-17W	120	0	KC	3,150	*	7	0	1	0	1967
920	Williams	Tenneco Oil Company	(W)Williams Field	12657	Williams Field Unit	8,9-10-18W	200	0	L-KC-Simp	3,400	65	6	3	0	0	1967
921	Zurich	The Veeder Supply & Development Co.	(D)Casey	6557	Casey	35-10-19W	160	?	Lans-KC	*	25	1	0	0	0	1958
922	Zurich	Veeder Supply & Development Co.	(D)McCullough	6581	Johnson, McCullough	35-10-19W	320	?	Lans-KC	*	25	3	0	0	0	1958
RUSH COUNTY																
923	Otis-Albert	S & G Oil Company, Inc.	(D)Otis-Albert Wfd Project	7448	Crowell, Koriel "A", J. Schroeder, O. Schroeder	23-18-16W	150	120	Reagan	3,500	27	2	6	0	0	1960
RUSSELL COUNTY																
924		Cities Service Oil Company	(W)Baxter "A"	14534	Baxter "A"	33-14-15W	24	0	Toronto*	3,082 <sup>1</sup>	28	2	0	0	0	1968
925	Davidson	Duke Drilling Co., Inc.	(D)Pelz-Schreiber	12723	Pelz-Schreiber	34-15-11W	0	0	Lans	3,045	4	0	0	0	0	1966
926	Davidson	Simon Lebow Corporation	(P)Chegwiddden	11475	Chegwiddden	29-15-11W	160	0	Lans-KC	3,022*	15	2	0	0	0	1965
927	Eulert	Atlantic Richfield Co.	(W)Eulert Unit	14451	Eulert	35-11-15W	400	0	Topeka *	2,710 <sup>1</sup>	14 <sup>1</sup>	10	0	0	0	1968
928	Fairport	Aylward Drilling Company	(P)Booth Lease	11553	Booth	32-11-15W	80	0	Lans-KC	2,850	22	6	0	0	0	1965
929	Fairport	John O. Farmer, Inc.	(P)Fairport Wfd	14502	Driscoll, Cleve Miller	20-12-15W	160	0	Lans-KC	3,000	*	4	0	0	0	1968
930	Fairport	Krueger & Associates	(P)Reich, Keeney & Meckel Unit	11438	Keeney, Meckel A, Meckel B, Reich, Schmeidler	21,28,29-12-15W	100	0	KC	2,975	*	8	0	0	0	1962
931	Fairport	Louis M. Mai Operations	(W)Beller Wfd	12911	Beller "A", Beller "B", Beller "C"	10,15,16-12-15W	180	0	Lans-KC	2,970	6	13	0	0	0	1966
932	Fairport	Pan American Pet. Corp.	(W)F. Booth "A"	4976	F. Booth "A"	32-11-15W	80	0	Dodge	2,875	10	3	0	0	0	1966
933	Fairport	Pan American Pet. Corp.	(W)E. Oswald	11344	E. Oswald	8-12-15W	130	30	---	2,911	31	12	0	0	1	1956
934	Fairport	Sohio Petroleum Co.	(W)Deckert Lease	13056	Deckert	30-12-15W	46	---	Lans-KC	3,020	36	2	0	0	0	1967
935	Fairport	Sohio Petroleum Co.	(W)Rusch "A"	13057	Rusch "A"	19-12-15W	50	---	Lans-KC	3,020	36	3	0	0	0	1967
936	Fairport	Sohio Petroleum Co.	(W)Rusch "B"	13058	Rusch "B"	19-12-15W	29	---	Lans-KC	3,020	36	3	0	0	0	1967
937	Fairport	Texaco Inc.	(W)P. Jacobs	6472		31-12-15W	160	---	Lans	3,000	?	6	1	0	0	1958
938	Gorham	Icer Addis	(P)Mills "B"	10923*	Mills "A", Mills "B"	33-13-15W;4-14-15W	240	?	Lans	3,050	90	2	1	0	0	1964
939	Gorham	American Petrofina Company of Texas	(D)Boxberger	13775	Boxberger	32-13-14W	50	0	Lans-KC	3,045	---	3	1	0	0	1967
940	Gorham	CRA, Inc.	(P)Reinhardt	4105	Reinhardt "D"	19-14-14W	---	---	Lans-KC	3,055	18	---	---	---	---	1954
941	Gorham	C.L. Hanes	(D)Vonfeldt	13077	Vonfeldt	6-15-14W	80	0	KC	2,930	5	2	0	0	0	1966
942	Gorham	Home-Stake Prod. Co.	(W)Gorham Wfd Project	9846 9137		32,33-13-15W;3,4,5, 8,9-14-15W	1,800	0	Lans-KC	3,050	28	50	0	0	6	1962
943	Gorham	J.L. King	(P)Dumler-Mudd	12022	Dumler, Mudd	31-14-14W;6-15-14W	160	10	Gorham	3,190	15	5	0	0	0	1965
944	Gorham	J.L. King	(P)Schwien-Hall	11901	Hall, Schwien	36-14-15W;1-15-15W	240	0	Gorham	3,210	6	9	0	0	0	1965
945	Gorham	R.P. Nixon Operations, Inc.	(P)Phinney	10179	Phinney	5-15-14W	40	20	Lans-KC	3,050	4	2	0	0	0	1963
946	Gorham	Okmar Oil Company	(W)Rexroat Coop.	11631	Hummel, Rexroat B, Rexroat C, Rusch, Rusch-Seeley, Solbach E, Solbach N, Solbach S	30,31,32-14-14W	120	0	Lans-KC	3,235	12	2	0	0	0	1965
947	Gorham	Okmar Oil Company	(W)Vaughn	12345	Vaughn	17-14-14W	90	0	Lans-KC	3,180	8	6	0	0	0	1966
948	Gorham	Phillips Petroleum Co.	(W)Carroll Lease	1354		18-14-14W	70	?	Lans-KC	3,100	50	5	0	0	0	1957
949	Gorham	Sun Oil Co. - DX Division	(W)Dumler-Polcyn	8387	Dumler "B", Dumler "C", Polcyn "C"	11-14-15W	20	10	Lans-KC	3,030	10	4	0	0	0	1961
950	Gorham	Texaco Inc.	(W)D.H. Brandenburg	4098		20-14-14W	160	---	Lans	3,100	?	3	---	---	---	1954
951	Hall-Gurney	American Petrofina Company of Texas	(W)J. Blehm & B. Boxberger Lease	9395	J. Blehm, B. Boxberger	11-14-14W	160	100	Tarkio	2,380	10	4	1	0	0	1963
952	Hall-Gurney	American Petrofina Company of Texas	(W)Rein Wfd	9516	George Rein, Henry Rein, Henry Rein "A"	17,19,20-14-13W	320	100	Tarkio	2,410	10	9	5	0	0	1962
953	Hall-Gurney	American Petrofina Company of Texas	(P)Tarkio Unit	6968	Ehrlich "B", Ehrlich "C", Rein "C", Rein "D", Rein "E", Rein "F"	17,20-14-13W	210	0	Tarkio	2,315	10	13	1	0	0	1967
954	Hall-Gurney	Aylward Drilling Company	(D)Anschutz	9425	Anschutz	21-14-14W	160	10	Lans-KC	3,127	20	9	0	0	0	1962
955	Hall-Gurney	Aylward Drilling Company	(P)J. Boxberger	7167	J. Boxberger	26-14-14W	80	0	Lans-KC	2,922	18	5	0	0	0	1959
956	Hall-Gurney	Aylward Drilling Company	(P)Herbel "B"	7165	Herbel "B"	26-14-14W	80	0	Lans-KC	2,924	20	4	0	0	0	1959
957	Hall-Gurney	Aylward Drilling Company	(P)Holl "A"	4543	Holl "A"	22-14-14W	70	30	Lans-KC	3,000	22	7	0	0	0	1954

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
917	---	---	0	---	Irreg.	---	---	---	---	-	---	---	---	44,347	44,347	754,982	250,297	3,545,103		
918	1	0	0	0	3-spot	Vac.	150	Prod + Dakota	500	T	S Gas	8/2	37	---	11,572	300	55,819	400	83,987	*3-5
919	1	0	0	0	?	Vac.	200	Prod + Dakota	550	T	S Gas	7/3	37	---	24,397	8,000	77,582	8,300	111,882	*3-5
920	7	0	0	0	Peri.	?	156	Dakota	539	T	S Gas	1/8	---	---	36,331	0	173,000	0	267,000	*12645
921	1	0	0	0	Irreg.	0	34	Prod + Dakota	600	T	S Gas	1/10	31	?	609	609	12,410	11,341	389,185	*3,300-3,550
922	1	0	0	0	Irreg.	0	84	Prod + Dakota	600	T	S Gas	2/5	32	?	4,683	4,683	30,660	57,691	462,310	*3,300-3,550
923	1	7	---	---	Irreg.	0	150	Prod	---	U	Gas Exp	6/15	37	---	3,402	3,402	54,750	212,870	11,747,770	
924	1	0	0	0	Irreg.	0	13	Prod	---	U	S Gas	4/3	40	?	0	0	1,498	0	1,498	*Lans-KC; †3,118
925	1	0	0	0	Irreg.	0	200	Prod	---	U	Wat	70/30	38	?	5,801	0	70,000	31,300	144,000	
926	1	0	0	0	Irreg.	0	150	Prod	---	U	Comb.	?	37	?	4,000	?	50,000	?	230,000	*3,169
927	6	0	0	0	Peri.	Vac.	400	Prod	---	U	S Gas	2/15	39	?	8,486	0	64,300	0	64,300	*Platt-KC; †2,850; 2,990;
928	1	0	0	0	Irreg.	250	620	Prod	---	T	S Gas	---	32	?	16,428	12,400	226,300	37,500	738,150	†29; 300
929	1	0	0	0	---	700	500	Prod + Dakota	260	U	Grav	---	39	---	7,316	3,500	127,941	3,500	127,941	*4-6
930	3	0	0	0	Line	0	160	Prod	---	T	S Gas	8/2	37	---	52,489	26,244	176,367	148,354	771,669	*3-6
931	4	0	0	0	Peri.	300	170	Prod	---	T	S Gas	1/2	36	?	76,397	45,397	252,222	93,116	589,505	
932	1	0	0	0	Irreg.	240	529	Prod	---	U	S Gas	10/41	33	---	17,966	12,857	193,619	204,455	2,070,244	
933	1	3	3	0	Irreg.	0	467	Prod	---	T	S Gas	13/5	37	---	28,367	28,367	341,078	154,762	1,134,662	
934	1	1	0	1	Irreg.	0	281	Prod	---	T	S Gas	1/15	33	---	15,800	0	102,876	0	241,654	
935	1	0	0	0	Irreg.	0	116	Prod	---	T	S Gas	1/14	36	---	14,273	2,646	42,551	2,646	90,489	
936	2	0	0	0	Irreg.	0	229	Prod	---	T	S Gas	1/11	36	---	7,789	0	167,398	0	311,101	
937	1	1	0	0	Irreg.	600	---	Prod	---	U	S Gas	15/1	33	---	22,046	22,046	753,441	---	4,113,317	
938	0	0	0	0	Irreg.	150	280	Prod	---	U	Gas Exp	4/96	40	?	7,370	0	100,000	1,000	330,000	*10922
939	1	0	0	0	Irreg.	400	440	Prod + Arbuc	3,291	-	S Gas	1/29	31	---	3,478	0	160,591	0	262,784	
940	---	---	---	---	Irreg.	---	---	---	---	-	---	---	---	---	14,897	14,897	602,510	244,935	4,974,880	
941	1	0	0	0	Peri.	750	100	Prod	---	T	Grav	30/70	34	---	6,673	1,095	36,500	2,215	58,400	
942	35	0	0	9	5-spot	550	342	Prod + Gorham	3,300	T	S Gas	---	36	---	173,289	148,462	5,431,284	1,256,965	30,434,157	
943	1	0	0	0	Irreg.	0	2,300	Prod + L-KC + Arbuc*	3,200	U	Wat	---	30	---	15,920	2,500	609,500	13,500	2,539,500	*Gorham
944	1	0	0	0	Irreg.	0	1,700	Prod + Lans-KC	---	T	Wat	---	30	---	39,261	6,500	620,500	27,000	1,490,500	*2,966-3,175
945	1	0	0	0	Irreg.	0	420	Prod	---	U	S Gas	80/20	36	---	2,829	2,829	9,060	13,685	466,585	
946	1	0	0	0	Irreg.	750	650	Prod + Arbuc	3,160	U	S Gas	?	34	---	33,927	7,071	237,000	15,859	774,133	
947	1	0	0	1	Peri.	500	2,340	Prod	---	U	S Gas	?	40	---	33,705	33,705	854,000	83,348	2,032,321	
948	3	0	0	0	Irreg.	0	780	Prod	---	U	S Gas	2/23	41	5	38,203	36,307	856,080	263,571	5,925,144	
949	1	0	0	0	Irreg.	0	406	Prod	---	U	S Gas	?	37	?	9,298	9,298	148,088	101,370	880,231	
950	3	1	---	---	Irreg.	70	614	Prod	---	U	S Gas	9/5	34	---	15,260	15,260	672,076	---	---	
951	1	1	0	0	Irreg.	0-400	64	Prod	---	U	S Gas	1/9	36	---	2,080	2,075	23,554	14,979	562,006	
952	5	2	0	0	Irreg.	796	287	Prod + Cheyenne	232	T	S Gas	1/1	38	---	13,637	13,637	523,308	143,426	2,064,045	
953	4	4	0	0	Irreg.	---	214	Prod + Dakota	356	T	S Gas	1/3	41	---	16,167	15,946	311,603	15,946	437,804	*300-1,000
954	3	0	0	0	---	700	134	Prod + Dakota	220	T	S Gas	---	38	?	14,589	7,000	147,356	13,752	1,010,912	
955	1	0	0	0	Irreg.	485	371	Prod	---	T	S Gas	---	39	?	13,414	13,414	135,348	142,624	1,049,422	
956	1	0	0	0	Irreg.	450	58	Prod	---	T	S Gas	---	38	?	3,528	2,100	21,097	68,353	288,211	
957	4	1	0	0	Irreg.	350	179	Prod	---	T	S Gas	---	37	?	26,535	23,400	261,760	711,660	4,560,581	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
RUSSELL Cont.																
958	Hall-Gurney	Aylward Drilling Company	(P)Holl "A"	7946	Holl "A"	22-14-14W	10	50	Tarkio	2,425	22	1	0	0	0	1957
959	Hall-Gurney	Aylward Drilling Company	(P)Holl "B"	7947	Holl "B"	22-14-14W	160	140	Tarkio	2,425	22	2	0	0	1	1960
960	Hall-Gurney	Aylward Drilling Company	(P)Holl "B"	7950	Holl "B"	22-14-14W	100	0	Lans-KC	2,950	22	10	0	0	0	1960
961	Hall-Gurney	Aylward Drilling Company	(P)Holl "C"	13157	Holl "C"	21-14-14W	80	40	Lans-KC	3,027	60	2	0	0	0	1966
962	Hall-Gurney	Cities Service Oil Company	(W)Graham-Carter	2328	Carter, Graham	28,29-14-13W	80	0	Lans-KC	2,880	23	4	1	0	0	1950
963	Hall-Gurney	Cities Service Oil Company	(W)Hall-Gurney L-KC Coop Wfd	7524 4738*	Ebel "A", Ebel "B", Hickey, Strecker "B"	24,25,36-14-14W	260	0	Lans-KC	2,880	66	13	1	0	1	1948
964	Hall-Gurney	Cities Service Oil Company	(W)Hall-Gurney Tarkio Wfd	7746 7524*	Dumler "A", Ebel "A", Ebel "B", Hickey	24,25-14-14W	30	367	Tarkio	2,250	10	3	0	0	0	1959
965	Hall-Gurney	Colorado Oil Company	(W)Weimaster	9985	Weimaster	36-14-13W	60	20	Lans-KC	2,850	150	2	0	0	0	1963
966	Hall-Gurney	Continental Oil Company	(-)Hall-Gurney Wfd	4592	R. S. Hall, Wm. Letsch, R. Lipprand, A.C. Rogg	26,35-14-13W	275	18	Lans-KC	2,800	20	9	0	0	0	1956
967	Hall-Gurney	Continental Oil Company	(W)Rein Area Wfd	9407	Rein, H., Rein "A", H.	27-14-13W	160	0	Lans-KC	2,860	13	5	0	0	0	1962
968	Hall-Gurney	CRA, Inc.	(P)Berrick	7566	Berrick	6-15-13W	---	---	Lans-KC	2,990	20	---	---	0	---	1960
969	Hall-Gurney	CRA, Inc.	(W)Bond-Jones	11509*	Anna Bond, Jones "A"	22-14-13W	---	---	Tarkio	2,265	20	---	---	---	---	1965
970	Hall-Gurney	CRA, Inc.	(-)CEP-L-KC	7567	Clyde, Ehrlich, Phinney, Phinney "S"	19-14-13W	---	---	Lans-KC	---	---	---	---	0	6	1959
971	Hall-Gurney	CRA, Inc.	(W)CEP-Tarkio*	7635*	Clyde, Ehrlich	19-14-13W	0	150	Tarkio	2,300	10	---	---	0	6	1959
972	Hall-Gurney	CRA, Inc.	(W)Fink	5396	Herbert Fink, Horace Fink	15,16-14-14W	---	---	Lans-KC	3,020	15	---	---	0	---	1957
973	Hall-Gurney	CRA, Inc.	(W)Hoke Unit	10234*	Dumler "A", Hoke Unit	15-14-13W	---	---	Tarkio	2,350	6	---	---	---	---	1963
974	Hall-Gurney	CRA, Inc.	(P)Krug	12707*	Albert Krug, Harry Krug	9-14-14W	---	---	Lans-KC	3,000	45	---	---	---	---	1963
975	Hall-Gurney	Leo J. Dreiling Oil Co.	(D)Boxberger	10265	Boxberger	3-14-14W	160	---	Lans-KC	2,992	10	4	0	0	0	1963
976	Hall-Gurney	Leo J. Dreiling Oil Co.	(D)Krug	9693	Krug	4-14-14W	160	---	KC	3,049	20	4	0	1	0	1962
977	Hall-Gurney	Duke Drilling Co., Inc.	(D)Flegler	8065	Flegler	28-14-14W	20	?	Lans	3,068	20	1	0	0	0	1960
978	Hall-Gurney	Duke Drilling Co., Inc.	(D)Krause*	13653	Krause A, Krause B	21-15-12W	40	0	Arbuc	3,289	6	2	0	0	---	1967
979	Hall-Gurney	John O. Farmer, Inc.	(P)Kaps-Vejl-Borell	10485	Borell, Kaps, Vejl	32-14-12W;5-15-12W	200	0	Lans-KC	2,910	10	5	0	0	0	1964
980	Hall-Gurney	John O. Farmer, Inc. & Others	(P)Major	8566	Major	4-15-12W	160	0	Lans-KC	2,925	5	5	---	0	0	1961
981	Hall-Gurney	John O. Farmer, Inc.	(P)Rein	9415	Conoco, Rein, Shields, Skelly	27,28-14-13W	80	0	Lans-KC	2,850	6	4	---	0	0	1962
982	Hall-Gurney	Flader Land Company	(W)Ehrlich "B"	11343	Ehrlich "B", Long	20-14-12W	320	?	Tarkio	2,150	10	1	3	0	0	1966
983	Hall-Gurney	Theodore Gore	(P)	6101	Kastrup, Kaufman A, Zeman	10,15,16-15-12W	500	0	Lans-KC	3,000	48	7	0	0	0	1958
984	Hall-Gurney	Theodore Gore	(P)	13036	Ruby A	36-14-13W	160	80	Lans-KC	2,835	90	3	0	0	0	1966
985	Hall-Gurney	Theodore Gore	(P)	12581	Kaufman B, Luerman	22,27,28-15-12W	320	0	Lans-KC*	2,774	300	7	0	0	0	1967
986	Hall-Gurney	Theodore Gore	(P)Boxberger SWS	13980	J. Boxberger, Gurney A, Gurney B	23,26-14-14W	480	0	Lans-KC + Tarkio	3,000 2,300	100	14	0	0	0	1955
987	Hall-Gurney	Graves Drilling Co., Inc.	(W)Dumler Lease	10610	Dumler	24-14-14W	100	0	Tarkio	2,300	10	6	0	0	0	1963
988	Hall-Gurney	Gulf Oil Corporation	(-)Herbert A. Fink	8293	Herbert A. Fink	15-14-14W	160	0	Lans-KC	3,000	---	3	0	0	0	1960
989	Hall-Gurney	Haynes Oil Company	(W)Boxberger "B"	13436	Boxberger "B"	14-14-14W	160	0	Lans-KC	3,000	6	2	0	0	0	1967
990	Hall-Gurney	Jayhawk Well Servicing	(D)Cody	8456	Cody	16-14-14W	160	0	KC	3,000	4	6	0	0	---	1961
991	Hall-Gurney	Jayhawk Well Servicing	(D)Holl	9078	Holl	21-14-14W	80	0	KC	2,900	4	4	0	0	0	1961
992	Hall-Gurney	Jayhawk Well Servicing	(D)Holl B	11860	Holl B	21-14-14W	80	0	KC	2,900	4	4	0	0	0	1965
993	Hall-Gurney	Louis M. Mai Operations	(W)Campbell-Graham	11301*	Campbell, Graham	21,22-14-13W	240	0	Tarkio	2,275	20	9	0	0	0	1967
994	Hall-Gurney	Louis M. Mai Operations	(P)P. Dumler	11341	P. Dumler	16-14-13W	160	0	Tarkio	2,275	6	4	0	0	0	1965
995	Hall-Gurney	Louis M. Mai Operations	(D)Rudiger-Shaffer	8345	Rudiger-Shaffer	3-15-13W	80	0	Lans-KC	2,970	6	5	0	0	0	1960
996	Hall-Gurney	Louis M. Mai Operations	(P)Ray Shaffer	11620*	Shaffer "C", Ray Shaffer	26-14-13W	160	0	Tarkio†	2,200*	8#	10	0	0	0	1958
997	Hall-Gurney	Mobil Oil Corporation	(W)Smoky Hill River	13313	Smoky Hill River Unit	29,30,31-14-12W	520	---	Lans-KC	2,850	18	24	3	0	0	1967
998	Hall-Gurney	Murfin Drilling Company	(P)Carter	13536	Carter	33-14-13W	20	0	Lans-KC	2,868	48	0	0	0	0	1967
999	Hall-Gurney	Murfin Drilling Company	(W)Rein A	6310	Rein A	19-14-13W	20	60	Tarkio	2,323	7	3	1	0	1*	1959
1000	Hall-Gurney	Nat. Coop. Ref. Assn	(W)Mai	11738	Mai	34-14-14W	20	0	Lans	2,920	280	2	0	0	0	1965
1001	Hall-Gurney	R.P. Nixon Operations, Inc.	(P)Boxberger	11459	Boxberger	2-14-14W	20	0	Lans-KC	3,050	25	2	0	0	0	1964
1002	Hall-Gurney	Okmar Oil Company	(W)Bond Wfd	8022	Bond A, Bond B, Bond C	23-14-13W	135	0	Tarkio	2,275	10	8	0	0	0	1960
1003	Hall-Gurney	Okmar Oil Company	(W)Rogg-Goodheart	13746	Goodheart, H. Rogg	25-14-13W	80	0	Tarkio*	2,218†	7‡	1	0	0	0	1961
1004	Hall-Gurney	Pan American Pet. Corp.	(W)S. Boxberger	12386	S. Boxberger	10-14-14W	160	0	Lans	2,980	60	9	1	0	1	1966
1005	Hall-Gurney	Pan American Pet. Corp.	(W)Krug-Olson	4587	J.E. Driscoll, Krug "A", Krug "B", Olson "A" & "C", Olson "B"	27,28-14-14W	640	0	Lans	3,000	136	21	0	4	0	1953
1006	Hall-Gurney	Pan American Pet. Corp.	(W)C.L. Newcomer	12387	C.L. Newcomer	10-14-14W	160	0	Lans	3,000	60	3	1	0	1	1966
1007	Hall-Gurney	Pan American Pet. Corp.	(W)Ben Rein	8926	Ben Rein	25-14-14W	160	0	Lans-Tarkio	2,950*	20†	7	0	0	0	1957
1008	Hall-Gurney	Lee Phillips Oil Company	(W)Letsch	13121*	Letsch	34-14-13W	160	0	Lasn-Tarkio	2,810†	20‡	9	0	0	0	1961
1009	Hall-Gurney	Pioneer Operations Co., Inc.	(P)Boxberger C		Boxberger C	16-14-14W	160	0	Lans-KC	2,900	100	5	0	0	0	---



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
958	1	0	0	0	Irreg.	Vac.	249	Prod	---	T	S Gas	---	37	?	1,167	1,167	90,738	43,034	344,820	
959	2	0	0	1	Irreg.	200	236	Prod + Dakota	275	T	S Gas	---	37	?	1,095	1,095	172,205	24,560	487,113	
960	1	0	0	0	Irreg.	700	553	Prod + Dakota	275	T	S Gas	---	37	?	41,513	26,000	201,997	372,028	2,172,463	
961	1	0	0	0	Irreg.	700	260	Prod + Cheyenne	175	M	S Gas	5/95	37	?	3,770	3,770	94,900	222,188	75,317	
962	3	0	0	0	Irreg.	600	163	Prod + Dakota	300	M	S Gas	1/1	37	?	17,030	17,030	178,835	443,653	1,535,009	
963	6	0	0	0	Peri.	581	640	Prod	---	T	S Gas	9/5	39	?	94,583	94,583	1,401,347	1,130,048	12,463,393	*4724; 2030
964	2	2	0	2	5-spot	805	355	Dakota	350	T	S Gas	55/37	38	?	6,878	6,878	259,553	502,601	3,724,733	*7492; 5989
965	1	0	0	0	Irreg.	560	695	Prod	---	U	Wat	20/66	39	---	5,274	2,613	254,280	33,328	1,075,270	
966	7	0	0	0	Irreg.	1,640	201	Water Sand + Water Gravel	40	F	S Gas	?	39	---	44,516	44,516	458,306	642,244	5,169,538	
967	3	0	0	0	Irreg.	515	396	Cheyenne	88	U	S Gas	?	39	---	39,743	26,819	451,947	238,434	2,304,460	
968	---	---	0	---	Irreg.	---	---	---	---	---	---	---	---	---	9,594	9,594	244,838	113,243	1,202,447	
969	---	---	0	---	5-spot	---	---	---	---	---	---	---	---	---	21,018	21,018	237,740	61,718	656,640	*11111
970	---	---	0	---	---	---	---	---	---	---	---	---	---	---	90,289	90,289	360,570	402,297	1,646,458	
971	---	---	0	2	5-spot	---	---	Dakota	400	F	S Gas	2/1	?	?	3,423	3,423	25,680	131,423	1,862,584	*Project abnd 5/68; †6127
972	---	---	---	---	Irreg.	---	---	---	---	---	---	---	---	---	28,838	23,708	439,659	317,244	2,298,364	
973	---	---	0	---	5-spot	---	---	---	---	---	---	---	---	---	4,811	4,811	207,908	83,413	1,416,407	*8415; 8414
974	---	---	0	---	Irreg.	---	---	---	---	---	---	---	---	---	20,608	14,710	618,542	65,363	2,372,608	*10671
975	2	0	0	0	Irreg.	0	1,300	Prod	---	T	S Gas	?	40	---	12,871	10,000	400,000	61,931	1,835,400	
976	2	0	0	0	Irreg.	0	1,200	Prod	---	T	S Gas	?	40	---	13,940	11,000	400,000	79,000	1,643,075	
977	1	0	0	0	Irreg.	700	300	Prod	---	U	S Gas	9/1	38	?	5,289	5,289	60,000	57,842	513,000	
978	1	0	0	0	Irreg.	0	50	Prod	---	U	Wat	10/90	40	---	1,280	500	10,000	1,000	15,000	*Sold July 1968
979	2	0	0	0	Irreg.	350	500	Prod	---	U	Grav	---	38	---	29,803	18,000	297,505	121,540	1,357,495	
980	1	0	0	0	Irreg.	300	250	Prod	---	U	Grav	---	37	---	5,205	?	80,000	?	?	
981	1	0	0	0	Irreg.	600	500	Prod + Dakota	300	U	Grav	---	40	---	31,690	25,000	172,948	?	1,072,081	
982	0	1	0	3	Irreg.	?	---	Prod + Tarkio	2,150	U	Comb.	70/30	36	---	461	0	0	3,100	1,500	
983	1	0	0	0	Irreg.	275	346	Prod	---	U	Wat	---	37	---	14,775	0	126,369	0	1,400,150	
984	1	0	0	0	Irreg.	1,000	671	Prod	---	U	Wat	---	37	---	20,025	13,455	244,888	34,013	494,309	
985	1	0	0	0	Irreg.	600	284	Prod	---	U	Wat	12/88	40	---	17,802	0	103,556	0	184,276	*Topeka
986	3	0	0	0	Irreg.	725	690	Prod	---	U	Wat	---	37	---	29,900	14,000	756,868	386,341	5,086,267	*4032
987	3	0	0	0	5-spot	250	100	Prod + Dakota	400	T	S Gas	---	38	---	24,000	18,000	90,000	110,000	432,000	
988	3	0	0	0	Irreg.	1,800	302	Prod + Cheyenne*	348	M	S Gas	4/39	38	---	11,441	11,441	330,379	84,040	1,444,965	*Dakota
989	1	0	0	0	Irreg.	300	60	Topeka	2,600	T	S Gas	1/3	37	37	4,105	0	14,000	360	30,000	
990	1	0	0	0	Irreg.	300	200	Prod	---	U	Gas Exp	90/10	39	---	18,500	9,000	9,000	56,000	300,000	
991	0	0	0	0	Irreg.	300	100	Prod	---	U	Wat	75/25	39	---	11,000	4,000	20,000	22,000	220,000	
992	1	0	0	0	Irreg.	400	300	Prod	---	U	Gas Exp	75/25	39	---	6,000	4,000	8,000	15,000	46,000	
993	5	1	0	0	Irreg.	700	150	Prod + Dakota	294	T†	S Gas	1/4	39	?	19,645	17,222	283,573	66,533	746,869	*11296; 9091; †M
994	2	0	0	0	Irreg.	550	200	Prod	---	T	S Gas	1/4	35	?	5,260	0	173,370	0	393,447	
995	1	0	0	0	Irreg.	Vac.	20	Prod	---	T	S Gas	1/4	39	?	6,645	2,255	7,300	14,000	49,365	
996	2	0	0	0	Irreg.	750	---	Prod	---	T	S Gas	1/4	36	?	34,980	3,498	239,486	14,408	1,631,222	*5955; †L-KC; †2,890; #25
997	6	0	0	0	Peri.	1,000	453	Prod	80	M	S Gas	---	36	9	200,850	0	992,163	0	1,660,642	
998	1	0	0	0	Irreg.	Vac.	3	Prod + Tarkio	2,250	T	S Gas*	73/27	37	?	3,061	0	11,346	0	16,602	*Grav
999	1	1	0	1	Irreg.	200	117	Prod + Dakota	300	M	S Gas	23/77	40	?	4,171	4,171	42,716	71,201	667,484	*Temporarily
1000	1	0	0	0	Irreg.	614	199	Prod + Dakota	420	U	S Gas	1/0	37	?	6,826	1,470	72,748	5,661	199,666	
1001	1	0	0	0	Irreg.	250	175	Prod	---	U	S Gas	75/25	34	---	4,291	4,291	51,000	19,950	246,125	
1002	2	1	0	1	Irreg.	1,000	446	Prod + Alluvium	80	M	S Gas	?	36	---	8,360	8,360	327,459	37,538	844,612	
1003	1	0	0	0	Line	0	240	Prod	---	U	S Gas	?	37	---	258	258	6,240	1,058	271,240	*Lans-KC; †2,890; †20
1004	2	0	0	0	Irreg.	799	482	Prod	---	U	S Gas	10/33	38	---	57,966	57,966	351,657	168,450	928,459	
1005	7	0	1	0	---	531	279	Prod	---	T	S Gas	4/1	38	---	279,988	279,988	713,543	2,175,731	6,825,351	
1006	2	0	1	0	Irreg.	5-417	337	Prod + Dakota	300	U	S Gas	2/3	38	---	9,593	9,593	245,806	38,478	503,102	
1007	2	0	0	0	Irreg.	580	367	Prod	---	U	---	10/61	38	---	23,431	23,431	267,572	256,899	2,025,509	*2,290; †8
1008	3	0	0	0	Irreg.	625	207	Prod + River Sand	70	F	S Gas	93/7	38	?	78,134	69,519	182,000	256,899	1,257,250	†9511; 8615; 8420; †2,240;
1009	1	0	0	0	Irreg.	600	420	Prod	---	T	S Gas	40/60	36	---	---	?	120,000	---	---	†10

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
RUSSELL Cont.																
1010	Hall-Gurney	Shields Oil Producers, Inc.	(D)Gustason Estate	6847	Gustason Estate, Kastrup	14-15-12W	160	80	Toronto	2,840	15	2	0	0	0	1957
1011	Hall-Gurney	Shields Oil Producers, Inc.	(W)Miller Wfd	7750	Miller	31-14-13W	80	0	Lans-KC	2,800	30	4	0	0	0	1964
1012	Hall-Gurney	Shields Oil Producers, Inc.	(W)Owens "A" Wfd	13476	Owens "A"	34-14-13W	80	0	Tarkio	2,210	10	2	0	0	1	1967
1013	Hall-Gurney	Shields Oil Producers, Inc.	(W)Rein Area Wfd	9408	Giese, Letsch, Rogg "B", Rogg "E", Rogg "F"	27,28,29-14-13W	560	0	Lans-KC	2,800	25	23	0	0	0	1963
1014	Hall-Gurney	Shields Oil Producers, Inc.	(W)Rogg "C" Wfd*	10280	Rogg "C"	20-14-13W	80	80	Tarkio	2,250	10	2	0	0	0	1964
1015	Hall-Gurney	Shields Oil Producers, Inc.	(W)Rogg "G" Wfd	13128	Rogg "G"	29-14-13W	80	0	Lans-KC	2,800	25	3	0	0	---	1967
1016	Hall-Gurney	Skelly Oil Company	(P)T.B. Carter	1088	T.B. Carter	33-14-13W	100	0	Lans-KC	2,885	10	3	0	0	0	1944
1017	Hall-Gurney	Skelly Oil Company	(P)Driscoll*	4595	J.E. Driscoll	27-14-14W	0	0	Lans-KC	2,950	18	0	0	0	0	1955
1018	Hall-Gurney	Skelly Oil Company	(W)Hall-Gurney Area	5781	C. Colliver, G.C. Ehrlich, W. Opdycke, Ben Rein	28,29,32-14-13W; 25-14-14W	890	0	Lans-KC	2,890	18	29	0	2	0	1950
1019	Hall-Gurney	Skelly Oil Company	(W)Hall-Gurney Tarkio Wfd	8010 6524	E.N. Hickey, Ben Rein	30-14-13W;25-14-14W	120	0	Tarkio	2,250	10	5	0	0	0	1959
1020	Hall-Gurney	Skelly Oil Company	(P)E.N. Hickey Lans	2969	E.N. Hickey	30-14-13W	40	0	Lans-KC	2,892	79	1	0	0	0	1952
1021	Hall-Gurney	Sun Oil Co. - DX Division	(W)Boxberger	13201	Boxberger	22-14-14W	10	70	Lans-KC	2,960	20	1	1	0	0	1956
1022	Hall-Gurney	Sun Oil Co. - DX Division	(W)Wm. Letsch	13594	Wm. Letsch	26-14-13W	50	0	Tarkio*	2,220	28	6	0	0	0	1962
1023	Hall-Gurney	Sun Oil Co. - DX Division	(W)Strecker "A" & "B" Tarkio	6727 4691	Strecker "A", Strecker "B"	25-14-14W	45	100	Tarkio	2,257	7	6	2	0	0	1959
1024	Hall-Gurney	Texaco Inc.	(W)G. Boxberger "A" & "B" Lses.	5073 4517		22-14-14W	240	---	Lans	3,100	?	6	0	---	---	1953
1025	Hall-Gurney	Texaco Inc.	(W)H., L., & S. Boxberger	10948 4219		10,11,14-14-14W	640	0	Lans	3,050	?	11	2	0	0	1954
1026	Hall-Gurney	Texaco Inc.	(-)Goodheart-Ruby	10725*		25-14-13W	240	0	Lans	2,900	---	9	0	0	0	1963
1027	Hall-Gurney	Texaco Inc.	(W)Mohl-Shaffer	5016*		18-14-13W	280	---	Tarkio	2,325	11	5	7	0	0	1956
1028	Hall-Gurney	Texaco Inc.	(W)C. Pekarek, E.A. Borell & F. Vejl	11915 10434*		5-15-12W	159	---	Lans	2,900	10	8	0	0	0	1963
1029	Nuss	Duke Drilling Co., Inc.	(D)Nuss "B"	8871	Nuss	32-15-14W	80	?	Lans	3,120	25	2	0	0	0	1961
1030	Strick	American Petrofina Company of Texas	(W)Stricker Unit	11977	Stricker, Stricker "B", Stricker "C"	16-15-14W	200	0	Lans-KC	3,041	16	4	0	0	0	1965
1031	Trapp	Cities Service Oil Company	(W)Eichman "A" Wfd	13257 5472	Eichman "A", Krug "G", Krug "F", Tittel "A"	12,13-15-14W	99	60	Lans-KC	3,090	12	8	3	0	1	1957
1032	Trapp	Cities Service Oil Company	(W)Maag L-KC Coop	8707	Maag	7-15-13W	13	0	Lans-KC	3,020	21	1	0	0	0	1961
1033	Trapp	Cities Service Oil Company	(W)Rogg "D"	7631	Rogg "D"	9-15-13W	160	0	Lans-KC	3,090	28	4	1	0	0	1960
1034	Trapp	Colorado Oil Company	(W)Krug Lease	13777	Krug	7-15-13W	50	0	Lans-KC	3,000	8	5	0	0	0	1967
1035	Trapp	Colorado Oil Company	(W)Maag Lease	13776	Maag	7-15-13W	40	0	Lans-KC	3,000	8	2	0	0	0	1967
1036	Trapp	Continental Oil Company	(W)Trapp Lans Wfd	7606	J.W. Meharg	17-15-13W	160	0	Lans-KC	2,950	21	6	1	0	0	1961
1037	Trapp	CRA, Inc.	(P)Meharg	13550	Meharg	18-15-13W	---	---	Lans-KC	3,000	15	---	---	0	---	1967
1038	Trapp	CRA, Inc.	(W)NE Trapp Wfd	7607	Bitter, Holland, L. Sellens, Tom Sellens	16,17-15-13W	---	---	Lans-KC	3,000	25	21	0	0	0	1961
1039	Trapp	CRA, Inc.	(P)Gale Sellens	10309	Gale Sellens	19-15-13W	---	---	Lans-KC	3,020	25	---	---	0	---	1960
1040	Trapp	CRA, Inc.	(P)George Sellens	7370	George Sellens	20-15-13W	---	---	Lans-KC	3,040	?	---	---	0	---	1959
1041	Trapp	Humble Oil & Ref. Co.	(W)North Trapp Wfd	7553	J. Detrich, D. Josephine, J. Letsch, E. Meharg, L. Sellens	7,8,17,18-15-13W	460	---	KC	2,986	17	16	0	0	---	1961
1042	Trapp	Isern-Wells	(W)North Trapp Coop	7609*	Meharg, Schultz	16-15-13W	120	0	Lans-KC	3,050	20	3	---	---	---	1961
1043	Trapp	Jayhawk Well Service	(D)Michel B & C	7366*	Michel	2-15-14W	160	0	KC	2,400	4	6	0	0	0	1959
1044	Trapp	Kewanee Oil Company	(W)Berrick, Piester A & B	14141	Berrick, Piester A, Piester B	23,24-15-13W	360	0	KC	3,028	18	3	0	0	0	1968
1045	Trapp	Murfin Drilling Company	(W)Ber-Sel-Es Unit	14364	Unitized	22,27-15-13W	0	0	Lans-KC	3,060	36	0	0	0	0	?
1046	Trapp	Nat. Coop. Ref. Assn	(W)Boxberger "B"	10484	Boxberger "A", Boxberger "B"	10-15-14W	70	10	Lans	2,976	6	5	1	0	0	1963
1047	Trapp	Nat. Coop. Ref. Assn	(W)Flegler "B"	5183	Flegler "B"	2,11-15-14W	20	50	Tarkio	2,298	20	2	0	0	1	1956
1048	Trapp	Nat. Coop. Ref. Assn	(W)Flegler "B"	9131	Flegler "B"	2,11-15-14W	30	30	Lans	2,966	26	3	1	0	0	1962
1049	Trapp	Nat. Coop. Ref. Assn	(W)Flegler "C"	6038	Flegler "C"	11-15-14W	70	30	Lans	3,057	7	5	0	0	0	1958
1050	Trapp	Nat. Coop. Ref. Assn	(W)Krug	9108	Krug	3-15-14W	20	0	Lans	2,955	20	2	0	0	0	1962
1051	Trapp	Nat. Coop. Ref. Assn	(W)Michel "A"	9132	Flegler "C", Michel "A"	2,11-15-14W	30	30	Tarkio	2,316	4	4	0	0	0	1962
1052	Trapp	Pan American Pet. Corp.	(W)N.E. Trapp	7604 7590*	J. Heffernan, J. Letsch "A", J. Letsch "B", R. Roesner	4,9-15-13W	520	0	Lans	3,010	55	12	0	0	0	1960
1053	Trapp	Phillips Petroleum Co.	(W)Roesner Lease	7568		9-15-13W	50	?	Lans-KC	3,100	50	1	0	0	0	1960

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
1010	1	0	0	0	Irreg.	0	150	Prod + Arbuc	3,300	U	S Gas	---	37	---	6,527	3,980	54,000	21,580	353,150	
1011	1	0	0	0	Irreg.	750	200	Prod + Dakota-Cheyenne	220	M	S Gas	---	37	---	6,198	3,000	72,194	11,500	448,501	
1012	1	0	0	0	Irreg.	650	384	Dakota-Cheyenne	220	T	S Gas	---	37	---	41,300	38,300	138,329	46,800	312,842	
1013	11	0	1	0	Irreg.	650	2,355	Prod + Dakota-Cheyenne	300	M	S Gas	---	39	---	124,000	100,000	1,192,000	846,847	6,405,837	
1014	1	0	0	1	Irreg.	800	82	Prod + Dakota-Cheyenne	150	M	S Gas	---	36	---	4,200	2,000	17,043	11,244	324,000	*Discontinued July, 1968
1015	1	0	0	0	Irreg.	750	115	Prod + Dakota-Cheyenne	200	T	S Gas	---	39	---	8,270	7,000	41,519	11,000	103,761	
1016	1	0	0	0	Irreg.	0	58	Prod	---	U	S Gas	?	34	?	20,464	20,464	21,034	45,707	726,662	
1017	1	0	0	0	Irreg.	0	2	Prod	---	U	S Gas	---	38	?	858	0	183	0	18,321	*Sold 5/1/68
1018	17	1	0	0	Irreg.	800	268	Prod + Dakota-Cheyenne	200	T	S Gas	2/3	39	?	117,030	117,030	1,659,880	1,240,627	11,183,326	*2439
1019	1	1	0	0	Irreg.	550	56	Prod + Dakota	200	T	S Gas	?	38	?	8,861	8,861	30,954	102,605	602,643	
1020	1	0	0	0	---	290	337	Prod	---	U	S Gas	---	39	?	2,622	2,622	123,001	87,955	647,720	
1021	2	0	0	0	Irreg.	425	436	Prod	---	U	S Gas	?	38	?	4,319	4,319	159,078	274,602	2,195,426	
1022	3	0	0	0	Irreg.	1,233	842	Prod	---	U	S Gas	5/24	38	?	17,256	17,256	307,289	61,973	1,802,021	*Lans-KC
1023	4	0	0	0	Irreg.	880	628	Prod	---	U	S Gas	2/25	34	?	88,149	88,149	229,394	294,229	2,536,543	
1024	2	1	0	0	Irreg.	720	410	Prod	---	U	S Gas	3/11	37	---	19,894	19,894	300,302	---	3,553,182	
1025	6	4	0	0	Irreg.	700	380	Prod	---	U	S Gas	36/59	36	---	24,353	24,353	840,961	---	7,196,306	
1026	8	0	0	0	Irreg.	825	370	Prod	---	U	S Gas	1/2	36	---	55,927	45,505	1,079,509	---	4,625,697	*10284
1027	2	11	0	0	5-spot	75	45	Prod + Dakota	400	M	S Gas	1/0	38	---	8,337	8,337	34,778	---	3,165,692	*3771
1028	7	0	0	0	Irreg.	800	340	Prod	---	U	S Gas	1/2	37	---	30,513	24,802	872,459	---	2,977,302	*10433
1029	1	0	0	0	Irreg.	800	450	Prod	---	U	S Gas	?	35	?	7,589	0	162,000	0	1,007,000	
1030	1	0	0	0	Irreg.	Vac.	205	Prod	---	U	S Gas	1/1	40	---	23,317	5,816	74,810	5,816	181,594	
1031	5	1	0	0	Irreg.	400	287	Prod	---	T	S Gas	60/85	38	?	24,966	24,966	525,150	380,727	5,045,014	
1032	1	0	0	0	Irreg.	80	25	Prod + Dakota	490	T	S Gas	10/8	37	?	4,869	4,869	9,050	41,178	152,569	
1033	3	0	0	0	Irreg.	441	448	Prod + Dakota	400	U	S Gas	22/10	37	?	29,990	29,990	491,375	100,951	2,472,188	
1034	2	0	1	0	Irreg.	1,300	141	Prod + Arbuc	3,306	U	Wat	21/37	37	---	22,504	8,804	46,004	9,268	55,901	*Converted
1035	1	0	0	0	Irreg.	1,250	167	Prod + Arbuc	3,316	U	Wat	12/53	36	---	5,988	2,444	61,087	2,561	75,837	
1036	6	0	0	0	---	675	217	Cheyenne-Dakota	550	U	S Gas	?	39	---	58,637	58,637	477,182	455,906	3,040,824	
1037	---	---	---	---	Irreg.	---	---	---	---	-	---	---	---	---	7,409	3,725	67,481	3,725	67,481	
1038	15	0	0	0	5-spot	---	---	---	---	-	---	---	---	---	214,630	214,630	1,073,313	1,464,265	6,100,737	*Various
1039	---	---	---	---	Irreg.	---	---	---	---	-	---	---	---	---	10,585	8,773	54,028	102,940	903,123	
1040	---	---	---	---	Irreg.	---	---	---	---	-	---	---	---	---	6,698	5,404	144,440	125,227	2,074,474	
1041	14	0	0	0	5-spot	500	156	Dakota	240	T	S Gas	---	39	6	188,387	148,670	817,136	1,268,158	5,151,323	
1042	3	0	0	0	5-spot	1,000	71	Dakota	490	F	S Gas	10/1	40	?	6,840	0	31,862	46,151	708,855	*7608
1043	1	0	0	0	Irreg.	500	150	Prod	---	T	Gas Exp	1/1	39	---	8,000	2,000	6,000	6,500	27,400	*4550
1044	2	0	0	0	Irreg.	562	213	Prod	---	U	S Gas	27/32	38	?	9,605	3,273	155,814	3,273	155,814	
1045	0	3	0	0	Peri.	0	0	Dakota	250	-	S Gas	4/5	39	?	10,986	0	0	0	0	
1046	2	0	0	0	Irreg.	188	405	Prod	---	U	S Gas	4/1	36	?	16,137	7,350	147,935	24,799	1,158,726	
1047	2	0	0	0	Irreg.	733	468	Prod + Arbuc	3,177	U	S Gas	10/3	38	?	21,177	11,748	107,670	138,821	1,793,244	
1048	2	0	0	0	Irreg.	756	611	Prod + Arbuc	3,177	U	S Gas	2/5	38	?	11,441	7,610	223,072	96,078	2,326,937	
1049	2	0	0	0	Irreg.	639	1,098	Prod + Arbuc	3,322	T	S Gas	10/37	38	?	28,708	27,185	400,615	112,469	3,187,165	
1050	1	0	0	0	Irreg.	380	283	Prod + Arbuc	3,219	U	S Gas	5/7	36	?	5,740	3,643	103,624	16,395	559,872	
1051	1	0	0	0	Irreg.	1,100	78	Prod + Arbuc	3,177	U	S Gas	1/10	38	?	3,906	2,195	28,535	41,972	456,093	
1052	11	0	0	0	Irreg.	352	148	Prod + Dakota	600	U	S Gas	2/3	39	---	117,429	117,429	597,367	628,974	4,599,765	*7589
1053	1	0	0	0	Irreg.	0	680	Prod	---	U	S Gas	2/1	39	6	16,876	16,876	248,969	77,654	1,613,209	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
RUSSELL Cont.																
1054	Trapp	Shell Oil Company	(W)Mary Kejr "A, B & C"	11410	Mary Kejr "A", Mary Kejr "B", Mary Kejr "C"	11,14-15-13W	400	0	Lans-KC- Toronto	2,917	115	4	0	0	0	1965
1055	Trapp	Shell Oil Company	(P)L. Sellens "B", "C"	13496	L.A. Sellens "B", L.A. Sellens "C"	22-15-13W	160	0	Lans-KC	3,035	84	4	0	0	0	1960
1056	Trapp	Shields Oil Producers, Inc.	(W)Northeast Trapp	7570	Rogg "A"	9-15-13W	160	0	Lans-KC	---	---	8	0	0	0	1960
1057	Trapp	R.H. Siegfried, Inc.	(D)Ross	5952	Ross	11-15-13W	20	20	Lans	3,300	12	2	0	0	0	1958
1058	Trapp	Skelly Oil Company	(W)Anderson-Rein Unit	7765	M.E. Anderson, Geo Rein, Jr.	7,8-15-13W	480	0	Lans-KC	2,900	50	17	0	0	0	1961
1059	Trapp	Sohio Petroleum Co.	(W)Anschutz Lease	7565	Anschutz	10-15-13W	100	---	Lans-KC	3,050	18	4	0	0	0	1960
1060	Trapp	Sun Oil Co. - DX Division	(W)Berrick	13567	Berrick	23-15-13W	20	0	Tarkio	2,345	10	3	0	0	0	1967
1061	Trapp	Sun Oil Co. - DX Division	(W)Hefferman	13577	Hefferman	26-15-13W	15	15	Tarkio	2,345	10	1	0	0	0	1967
1062	Trapp	Sun Oil Co. - DX Division	(W)Trapp LKC Wfd	5494	K. Rude, H.J. Sellens, K.R. Sellens, M. Sellens, S.J. Sellens	25,26,35,36-15-13W	0	80	Lans-KC 'D', 'G', & 'H' Zones	3,060	20	0	0	0	0	1957
SALINE COUNTY																
1063	Lindsborg	Ray Perera	(D)Robinson-Martin- son-Johnson	10664	Mina Johnson, Martinson, Robinson	32-15-3W	80	0	Maquoketa	3,400	5	2	0	0	0	1963
1064	Pihl	Hollar Oil Company	(D)Pihl	11513	Hubbard, Krauss, Pihl	23,24,26-15-2W	440	30	Miss	2,750	10	4	---	0	0	1965
1065	Salina	Tom Brown Construction, Inc.	(D)Muir Lease	9740	Muir, Andrew Nelson	13,24-15-3W	320	360	Maquo Dol	3,264	8	2	0	0	0	1962
1066	Salina	Solar Oil Company	(W)Swigart	9817	Riddle, Swigart, Wauhob	6,7,8-15-2W	170	0	Maquoketa	3,225	15	4	0	0	0	1962
1067	Smolan	Mobil Oil Corporation	(-)Smolan Field	14385	Bengston, Frost, Gustafson, Larson "A", Larson "B"	30-15-3W;25,36- 15-4W	1,074	---	Maquoketa	2,420	10	11	5	0	0	1957
1068	Smolan	Ray Perera	(D)Ostenberg	6631	Ostenberg	30-15-3W	120	0	Maquoketa	3,413	5	2	1	0	0	1958
SEDGWICK COUNTY																
1069	Gladys	Kewanee Oil Company	(W)East Gladys Unit	8325	Blood, Parton, Tucker	29-28-1E	230	0	Miss	3,200		9	4	0	0	1961
1070	Gladys	Kewanee Oil Company	(W)Gladys Unit	8324		29,30,31,32-28-1E; 25,36-28-1W	1,611	0	Miss	3,200		66	47	0	0	1961
1071	Gladys	Kewanee Oil Company	(W)Ward's 4th Addition	8326	Ward's 4th Addition	32-28-1E	46	0	Miss	3,200		0	2	0	0	1961
1072	Goodrich	Cities Service Oil Company	(W)Goodrich Unit	13037	Goodrich Unit	16-25-1E	87	0	KC	2,730	11	6	0	0	0	1966
1073	O.S.A.	Aylward Drilling Company	(P)Roy Lease	14074	Roy	15-29-1W	160	160	Simpson	3,760	10	0	0	0	1	1968
1074	Robbins	Morgenstern Oil Operations	(P)Robbins Field	3867	Cook, Heath, Nolan, Yaw	20-28-1E	160	0	Miss Chat	3,080	40	5	0	0	1	1947
1075	Robbins	Sooner Pipe & Supply Corp.	(P)Henry Robbins W.F.P. #2	1064		20-28-1E	80	?	Miss	3,100	20	4	0	0	0	1945
1076	Robbins	Stelbar Oil Corp., Inc.	(W)Robbins Wfd	4626*	Brookings, Nolan, Russell	16,17,21-28-1E	240	---	Miss	3,140	30	6	0	0	0	1954
1077	Valley Center	Bankoff Oil Co.	(-)Bright Injection	12272	Sam Bright	1-26-1W	40	120	Lans-KC	2,555	120	2	0	0	0	1965
SEWARD-STEVENS COUNTIES																
1078	Cutter	Mobil Oil Corporation	(W)Cutter Unit Area Morrow	13902	W.I. Cutter, M. Rooney #3, G.B. Strong #1-A, G.B. Strong #4	6,7-31-34W;1,12- 31-35W	---	---	Morrow	5,200	15	6	1	0	0	1967
SHERIDAN COUNTY																
1079	Adell	Cities Service Oil Company	(W)Adell L-KC Unit	9881	Adell Unit	7,18-6-26W;12,13- 6-27W	190	0	Lans-KC	3,530	12	8	1	---	2*	1963
1080	Adell	Continental Oil Company	(W)Adell L-KC Wfd	8906	A.M. Bouts, A.M. Bouts "A", B.H. Bouts, W.C. Carlton, C. Cramer, C. Cramer "A", W.R. Foster, J.E. Leonard	1,2,3,11,12-6-27W	584	0	Lans-KC	3,500	23	22	14	0	0	1962
1081	George	M.J. Bove Operating Co.	(-)Richards*	10486	Richards	17-9-26W	160	0	Lans-KC	3,850	200	1	1	0	0	1963
1082	Hortonville	Nat. Coop. Ref. Assn	(W)Hardesty	10188	Hardesty	20-6-26W	20	0	Lans	3,744	94	1	0	0	0	1963
1083	Studley	M.J. Bove Operating Co.	(-)Pratt	6322	Pratt	22,23-8-26W	640	0	Lans-KC	3,740	20	2	0	1	1	1958

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
1054	3	0	0	0	Irreg.	562	177	Prod	---	U	S Gas	1/5	43	---	35,900	35,900	194,076	109,710	605,220	
1055	1	0	0	0	Irreg.	Vac.	67	Prod	---	U	S Gas	1/32	39	---	15,538	15,538	24,597	138,738	470,401	
1056	3	0	0	0	Irreg.	500	300	Prod + Dakota-Cheyenne	400	M	S Gas	---	37	---	12,500	9,000	360,000	116,625	1,914,000	
1057	2	0	0	0	Irreg.	0	510	Prod + Arbuc	3,290	U	S Gas	4/1	43	?	18,190	18,190	186,150	183,984	1,225,570	
1058	11	0	0	0	Irreg.	1,100	207	Prod + Dakota	337	T	S Gas	19/10	37	?	112,955	112,955	829,475	581,346	4,310,712	
1059	2	1	0	0	Irreg.	900	127	Prod + Dakota	450	T	S Gas	2/3	--	---	24,340	19,674	93,633	86,608	1,121,165	
1060	1	0	0	0	Irreg.	465	240	Prod	---	U	S Gas	1/3	40	?	1,992	1,992	87,540	2,271	98,186	
1061	1	0	0	0	Irreg.	257	143	Prod	---	U	S Gas	1/3	39	?	119	119	52,057	133	60,408	
1062	0	0	0	0	Irreg.	0	0	Prod + Arbuc	3,250	U	S Gas	?	39	?	0	0	0	33,790	567,000	
1063	1	0	0	0	Peri.	0	250	Prod	---	T	S Gas	9/20	35	?	4,760	2,000	80,000	4,000	420,000	
1064	1	---	---	---	Irreg.	Vac.	500	Prod	---	U	Comb.	---	38	---	40,000	9,000	328,500	22,000	1,085,000	
1065	1	0	0	0	Irreg.	0	195	Prod	---	U	Wat	35/65	34	---	3,874	3,874	88,176	16,946	340,936	
1066	1	0	0	0	Irreg.	Vac.	704	Prod	---	U	Wat	30/70	34	---	27,596	25,995	256,822	110,619	1,277,810	
1067	8	1	3*	0	Irreg.	Vac.	88	Prod + McPherson	200	M	S Gas	---	38	7	14,568	14,568	256,186	374,000	7,016,186	*Converted
1068	1	1	0	0	Irreg.	0	120	Prod	---	T	S Gas	---	35	?	4,760	3,500	33,000	26,500	644,000	
1069	5	0	0	0	Peri.	1,546	460	Gravel	50	F	S Gas	51/8	42	?	80,432	80,432	841,758	682,819	4,222,005	*10-40
1070	57	6	0	0	Peri.	1,566	379	Gravel	50	F	S Gas	1/1	42	?	637,236	637,236	7,903,739	4,975,072	68,158,058	*10-78
1071	2	0	0	0	Peri.	1,550	506	Gravel	50	F	S Gas	31/7	42	?	0	0	370,892	46,560	3,806,995	*10-50
1072	5	0	0	0	Peri.	1,000	137	Prod + Miss	3,000	U	S Gas	18/9	33	?	58,894	58,894	235,833	87,935	523,647	
1073	1	0	0	0	---	50	202	Prod + Shallow*	54	M	S Gas	95/5	45	?	67,515	0	48,500	0	48,480	*Supply Well
1074	3	3	0	0	Irreg.	400	650	Prod	---	T	S Gas	?	44	---	19,837	19,837	710,000	583,123	4,288,250	*3269; 3001; 2641; 1704
1075	2	2	0	0	Irreg.	1,500	2,000	Prod	---	T	Wat	1/24	40	?	5,447	5,447	730,000	176,947	5,819,700	
1076	4	1	0	1	Irreg.	---	---	Prod + Shallow	?	F†	S Gas	---	43	---	33,775	33,775	300,000	1,077,814	3,974,000	*4183; 2055; 37-05-18; †T
1077	2	0	0	0	Irreg.	275	121	Prod + Fresh	20	M	Grav	1/15	36	---	5,721	300	88,674	925	386,968	
1078	4	0	0	0	---	250	17	Ogallala	250	F	S Gas	---	--	---	184,451	184,451	24,641	184,451	24,641	
1079	3	0	0	1	---	---	654	Prod + Cedar Hills	1,900	U	S Gas	1/1	38	?	42,762	42,762	716,759	201,370	2,745,922	*Converted
1080	10	0	0	0	Peri.	285	603	Cedar Hill	1,875	U	S Gas	?	39	---	135,446	132,865	2,203,559	999,447	12,404,513	
1081	1	1	0	0	---	0	200	Prod	---	U	S Gas	80/20	33	?	1,075	1,075	72,250	8,186	271,872	*Project abnd 12/30/68
1082	1	0	0	0	Irreg.	0	28	Prod	---	U	S Gas	4/1	36	?	3,415	3,415	10,302	15,943	51,431	
1083	1	0	0	0	---	800	900	Prod + Cedar Hill	1,607	U	S Gas	90/10	39	?	14,543	11,543	255,500	36,680	919,809	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
STAFFORD COUNTY																
1084	Brenn	Sterling Drilling Co.	(P)Gray	10008	Gray	18-23-13W	160	160	KC	3,620	16	0	0	0	0	1963
1085	Centerview	Alco Oil & Gas Corp.	(P)E. Toland & O. Toland	12237	E. Toland, O. Toland	28-24-13W	120	0	Lans-KC	3,590	20	4	0	0	0	1966
1086	Centerview	Atlantic Richfield Co.	(W)St. John Field	12286	Lyons, McNaghten "B"	27,28-24-13W	320	0	KC	3,711	300	3	1	0	0	1968
1087	Centerview	White Hawk Oil Company	(D)Van Lieu Unit	11941	Van Lieu	28-24-13W	60	0	Lans-KC	3,580	12	2	0	0	0	1965
1088	Chase-Silica	L.K. Parrish	(D)Spacil Lease	9481	Spacil	4-21-12W	30	50	Arbuc	3,321	10	2	0	0	0	1962
1089	Crissman	Sinclair Oil Corporation	(W)Welsh-Beaver Unit	13792	Beaver, Ward Beaver, George Walls, Welsh, R.J. Welsh	9,15,16-23-14W	200	0	Simpson	3,950	8	4	0	1	0	1966
1090	Curtis	Nat. Coop. Ref. Assn	(W)Curtis "A-B"	9499	Curtis "A"	6-22-13W	0	40	Lans	3,406	140	0	0	0	1	1962
1091	Dell	Colorado Oil Company	(P)Parish Lease	9547	Parish	6-21-13W	20	0	Lans-KC	3,330	200	1	0	0	0	1962
1092	Gates	Atlantic Richfield Co.	(W)Gates Lease	12284	Gates	27-21-13W	80	0	Lans-KC	3,350	130	4	0	0	0	1966
1093	Gates	E.K. Edmiston	(W)Sittner	6844	Drach, Sittner	11-22-13W	320	0	Lans-KC	3,700	?	3	0	0	1	1959
1094	Gates	Mobil Oil Corporation	(W)Mattie Gates "B"	11927	Mattie Gates "B"	35-21-13W	70	---	Lans-KC	3,340	6	7	0	0	0	1965
1095	Gates	Okmar Oil Company	(W)Fischer-Weisz-brod	13744	Fischer Est., Weiszbrod	36-21-13W;1-22-13W	50	0	Lans-KC	3,300	5	0	0	0	0	1967
1096	Glasscock	Petroleum, Inc.	(W)Glasscock L-KC Unit	14551	Barstow, Barstow "B", Belote, Glasscock "B", Harris "D"	32-24-13W;5-25-13W	300	---	Lans-KC	3,837	---	6	1	0	0	1968
1097	Hazel West	Pan American Pet. Corp.	(W)G. Grow	12915	G. Grow	17-21-13W	40	0	Lans	3,330	60	2	0	0	0	1966
1098	Hickman	Herman George Kaiser	(D)Pile & Gates "B"	10320	Gates "B", Pile	27-21-14W	240	0	Lans-KC	3,412	200	8	0	0	0	1963
1099	Hickman	Petroleum, Inc.	(W)Hickman	12231	Leeper #1 & #2, Smith "A" #1, #2 & #3	34-21-14W	160	---	Lans-KC	3,405	9	4	1	0	0	1966
1100	Jordan	Cities Service Oil Co.	(W)Jordan	10626	Jordan, Neeland "A", Neeland "B", Stimatze	15,16-25-14W	108	0	Lans-KC	3,630	35	7	0	0	0	1956
1101	Kipp	Skelly Oil Company	(P)Kipp Repressure System	1419	Kipp "C", Kipp "E", Kipp "F"	22,26-25-14W	160	40	Lans-KC	3,836	73	2	0	0	0	1946
1102	Koelsch	Morgenstern Oil Operations	(W)Koelsch Wfd	7990	Koelsch	24-24-14W	240	0	Lans-KC	3,760	120	5	0	0	0	1961
1103	Leesburg	Continental Oil Company	(W)North Leesburg Unit Wfd	11122	M.N. Fair, S.M. McCune, P. Mather, E.C. Saunders	12-25-13W	386	0	Lans-KC-Simpson	3,710	83	6	1	0	0	1964
1104	Leesburg	Continental Oil Company	(W)South Leesburg Unit Wfd	11123	George Russell, Maggie Russell, Marion Russell	13-25-13W	246	0	Lans-KC-Simpson	3,708	84	6	0	0	0	1964
1105	Leiss Southwest	Koch Exploration Co.	(W)Fisher-Harrison*	12999	Fisher, Harrison	26-25-13W	40	0	Simpson	4,237	26	1	0	0	3	1966
1106	McDandless	Cities Service Oil Co.	(W)Goodman Lease	12796	Goodman	30-25-13W	20	0	Lans-KC	3,948	14	1	0	0	0	1966
1107	Mt. View	Petroleum, Inc.	(D)Walls-Hingey	13909	Hingey #1, Walls "A" #1 & #2	28,29-22-13W	160	---	Lans-KC	1,525*	7	2	0	0	0	1967
1108	Mueller	Kaiser-Francis	(D)Batman "B"	6062	Batman "B"	13-21-13W	80	40	Arbuc	3,570	---	3	0	0	0	1958
1109	Mueller	R.H. Siegfried, Inc.	(D)J. Welsh "A"	6117	J. Welsh "A"	18-21-12W	30	0	Arbuc	2,570	14	3	0	0	0	1958
1110	Omlor	Sun Oil Co. - DX Division	(W)Omlor-Bushnell	13180	Bushnell, Omlor	10,11-22-14W	25	0	Lans-KC	3,556	15	2	0	0	0	1967
1111	Oscar South	Petroleum, Inc.	(*)Oscar South	5948	Smith "J"	26-22-14W	80	---	Lans-KC	3,456	225	1	0	0	0	1957
1112	Oscar West	Cities Service Oil Co.	(W)Oscar West Unit	6336	Oscar West Unit	15,16,21,22-22-14W	366	80	Lans-KC	3,600	7	9	6	0	0	1958
1113	Pleasant Grove	John S. Martin	(D)Spangenberg	6910	Spangenberg	26-22-12W	320	10	KC	3,470	15	2	0	---	---	1959
1114	Pundsack	Cities Service Oil Co.	(W)Pundsack Unit	13372	Pundsack Unit, Schartz "B"	19,20,29,30-21-13W	118	0	Lans-KC	3,270	27	12	0	0	0	1967
1115	Pundsack	Skelly Oil Company	(W)Herman Schulz*	8006	Herman Schulz	19-21-13W	60	0	Lans	3,502	12	1	2	0	0	1960
1116	Rattlesnake Southeast	White Hawk Oil Company	(D)McConnaughay	8232	Harrison	13-24-14W	60	0	Lans-KC	3,700	10	2	0	0	0	1961
1117	Richardson	C & S Well Servicing Co.	(P)Aiken Lease	13751	Aiken	20-22-11W	40	40	KC	3,290	70	1	0	0	0	1967
1118	St. John Northwest	Jay Kornfeld	(W)Sutton-Schulz	11778	French, Schulz, Sutton	17,20-23-13W	160	240	KC	3,647	8	2	0	0	0	1964
1119	Sand Hills	Jay Bergman Oil Company	(W)Mellies	12920		31-21-11W;36-21-12W	40	0	Simpson	3,104	4	1	1	0	0	1966
1120	Seevers Northwest	Alco Oil & Gas Corp.	(P)Sanders Lease	13617	Sanders	1-25-14W	160	0	Miss-L-KC	4,006*	16†	4	0	0	0	1967
1121	Seevers Northwest	Dunne-Gardner Pet., Inc.	(D)Bowker Lease	13406	Bowker	36-24-14W	60	0	Miss	4,030	20	2	0	0	0	1967
1122	Shaeffer-Rothgarn	Herman George Kaiser	(D)Willcut "B"	8784	Willcut "A" & "B"	4-21-13W	160	0	Lans-KC	3,270	200	1	0	0	0	1961
1123	Shaeffer-Rothgarn	Petroleum, Inc.	(W)Shaeffer Unit	11894	Fanshier "A" #1, #2 & #3, Sharp #3, Tucker "C" #1 & #2	4-21-13W	122	---	Lans-KC	3,285	5	5	0	0	0	1965
1124	Silver Bell	Petroleum, Inc.	(W)Silver Bell Pilot Flood	13382	Soeken-Besthorn	9-22-13W	160	---	Lans-KC	3,391	216	2	0	0	0	1967
1125	Smallwood	Sun Oil Co. - DX Division	(W)Smallwood Unit	11857	Adams, G., Keenan, Strobel	2,11-22-14W	80	0	Lans-KC	3,550	6	4	0	0	0	1957
1126	Smallwood	White Hawk Oil Company	(D)Wetig Unit	11775	Wetig	2-22-14W	80	0	Lans-KC	3,412	20	2	0	0	0	1965
1127	Snider South	Champlin Petroleum Co.	(D)C.P. Smith "C"	13526	C.P. Smith "C"	20-21-11W	0	0	Simpson	3,382	20	0	0	0	0	1967
1128	Strobel & Strobel Northwest	Oil Property Management, Inc.	(D)Strobel*	12323	Strobel	8-22-14W	0	160	KC	3,658	6	0	0	0	0	1965
1129	Zenith-Peace Creek	Mabee Petroleum Corp.	(P)	14268	J.K. Johnson, N.W. Johnson, R.F. Stewart	12,13-24-11W	320	---	Misener-Viola	---	---	14	---	0	0	1968
1130	Zenith-Peace Creek	Morgenstern Oil Operations	(P)McComb	4338	McComb	22-24-11W	160	---	Viola	3,700	20	1	0	0	0	?

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
1084	2	0	0	0	Irreg.	1,500	150	Prod + Shallow Gravel	47	M	Gas Exp	---	31	---	2,594	2,594	54,750	17,262	383,076	
1085	2	0	0	0	Irreg.	Vac.	98	Ground Water	30	F	S Gas	17/20	27	25	14,903	14,903	71,560	28,403	202,416	
1086	1	0	0	0	Line	Vac.	58	Prod	---	U	S Gas	30/58	32	?	12,156	0	464	0	464	
1087	1	0	0	0	Irreg.	0	35	Prod + Lans-KC	3,692	U	Wat	?	25	?	2,390	1,912	12,775	6,672	56,165	
1088	1	0	0	0	Irreg.	0	140	Prod	---	U	Grav	1/9	37	?	13,855	3,000	51,100	18,000	562,100	
1089	2	0	0	0	---	2,000	371	Prod + Tertiary Sd	60	M	S Gas	1/0	33	18	16,674	16,674	271,525	29,075	385,993	
1090	0	0	0	1	Irreg.	650	111	Prod	---	U	S Gas	5/6	30	?	1,159	1,159	40,695	5,345	1,305,419	
1091	1	0	0	0	Irreg.	0	92	Prod	---	U	S Gas	5/15	29	---	3,586	3,586	33,797	14,565	94,617	
1092	1	0	0	0	Irreg.	Vac.	116	Prod + Arbuc	3,660	U	S Gas	1/24	38	?	13,996	0	263,600	0	517,000	
1093	1	0	0	0	Irreg.	0	?	Prod	---	U	?	?	20	?	3,864	0	?	0	?	
1094	2	1	0	0	Peri.	1,100	12	Prod	---	T	S Gas	---	29	25	2,272	2,272	9,000	13,272	142,100	
1095	1	0	0	0	Peri.	1,950	23	Prod + Arbuc	3,670	U	S Gas	28/58	34	---	12,898	0	8,474	0	9,333	
1096	1	0	0	0	Line	625	644	Quaternary Sand	75	F	S Gas	52/35	29	---	25,023	10,484	58,626	10,484	58,626	
1097	1	0	0	0	Irreg.	4	85	Prod	---	U	S Gas	5/46	29	---	7,775	7,775	30,996	21,573	82,947	
1098	1	0	0	0	Irreg.	0	85	Prod	---	U	Gas Exp	43/57	29	?	29,930	0	31,020	0	154,540	
1099	1	0	0	0	Irreg.	511	311	Prod + Quaternary Sd	73	F	S Gas	27/5	32	---	13,443	13,443	113,520	24,443	329,544	
1100	2	0	0	0	Peri.	35	523	Prod + Water Sand	80	M	S Gas	5/7	33	?	27,573	27,573	381,430	317,270	2,767,998	
1101	1	0	0	0	Irreg.	Vac.	99	Prod	---	U	S Gas	?	35	?	8,279	8,279	35,996	134,376	995,548	
1102	1	0	0	0	Irreg.	100	400	Fresh Water	40	F	Gas Exp	?	32	---	8,415	6,310	146,000	29,126	831,000	
1103	4	0	0	0	Peri.	1,290	270	Water Sand	91	F	S Gas	?	34	---	111,482	100,200	523,723	321,833	2,335,380	
1104	3	0	0	0	Peri.	1,800	332	Water Sand	99	F	S Gas	?	34	---	22,635	17,866	364,807	87,517	1,548,635	
1105	1	0	0	1	Irreg.	1,500	120	Surface Aquifer Beds	24	F	S Gas	---	37	---	4,733	0	20,000	0	77,613	*Project abnd 7/13/68
1106	1	0	0	0	Irreg.	0	60	Prod	---	U	S Gas	10/50	39	?	2,657	2,657	21,885	4,680	56,309	
1107	1	0	0	0	Line	Vac.	13	Prod	---	T	S Gas	63/19	30	---	24,908	24,908	4,939	24,908	4,939	*Below sea level
1108	1	0	0	0	Irreg.	Grav.	60	Prod	---	U	Gas Exp	---	37	---	8,500	1,500	21,900	5,200	113,800	
1109	1	0	0	0	Irreg.	0	110	Prod	---	U	Wat	3/1	39	?	9,961	4,980	40,150	55,502	595,190	
1110	1	0	0	0	Irreg.	1,200	222	Prod	---	U	S Gas	27/1	34	?	7,049	7,049	80,876	16,337	149,629	
1111	1	0	0	0	Irreg.	Vac.	213	Prod + Lans-KC	3,456	T	S Gas	5/3	32	---	1,157	0	241	48,735	39,251	*Disposal
1112	8	0	0	0	Peri.	913	297	Prod + Dakota	330	M	S Gas	45/11	33	?	96,820	96,820	869,694	1,220,839	6,005,720	
1113	2	0	0	1	?	0	90	Prod	---	T	S Gas	90/10	33	---	4,189	4,189	65,800	?	?	
1114	6	0	0	0	Peri.	200	334	Prod + Shallow Sand	35	M	S Gas	44/67	30	?	84,491	63,078	732,939	64,653	983,341	
1115	0	1	0	0	---	0	70	Gravel Beds	72	F	S Gas	14/23	30	?	0	0	0	41,236	579,572	*Lease sold 3/1/68
1116	1	0	0	0	Irreg.	0	70	Prod	---	U	Wat	?	28	?	3,024	2,283	25,550	19,914	176,995	
1117	1	0	0	0	Line	600	30	Prod	---	U	Wat	95/5	39	---	6,147	1,102	10,950	1,565	14,790	
1118	1	0	0	0	Peri.	1,400	450	Prod + Fresh	45	M	S Gas	80/20	30	---	3,780	1,800	191,946	13,128	548,254	
1119	1	0	0	0	Irreg.	300	40	Prod + Sanborn	200	M	S Gas	1/0	42	---	13,300	5,000	19,100	30,500	23,100	
1120	2	0	0	0	Irreg.	Vac.	373	Prod + Ground Water	30	F	S Gas	56/79	28	25	14,122	8,722	136,260	9,722	156,569	*3,664; †21
1121	1	0	0	0	Irreg.	0	85	Prod	---	U	S Gas	16/2	34	?	4,283	1,200	32,218	1,200	113,887	
1122	1	0	0	0	Irreg.	0	170	Prod	---	U	Gas Exp	60/40	38	?	5,110	0	62,000	0	129,000	
1123	2	0	0	0	Line	437	311	Prod + Quaternary Sd	73	F	S Gas	129/1	30	---	26,215	26,215	226,544	45,500	428,849	
1124	1	0	0	0	Line	584	460	Prod	---	M	S Gas	1/3	31	---	6,453	6,453	167,903	8,187	237,484	
1125	3	0	0	0	Peri.	300	330	Prod + Fresh Water	70	M	S Gas	47/10	36	?	19,343	19,343	361,244	84,784	1,101,184	
1126	1	0	0	0	Irreg.	0	40	Prod + Topeka	3,140	U	Wat	?	31	?	6,436	3,511	14,600	14,342	102,240	
1127	1	0	0	0	Irreg.	Vac.	20	Prod	---	U	Grav	13/22	44	10	2,561	0	8,029	0	16,364	
1128	1	0	0	0	Irreg.	0	35	Prod	---	U	S Gas	1/1	35	---	2,410	0	3,460	0	10,640	*Lease sold
1129	1	0	0	0	Irreg.	---	900	Prod	---	U	Wat	---	40	---	11,524	0	217,000	0	217,000	
1130	1	0	0	0	Irreg.	Vac.	25	Prod	---	U	S Gas	?	37	---	1,936	968	8,820	968	8,820	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
SUMNER COUNTY																
1131	Anson Southeast	Beardmore Drlg. Company	(P)Anson East Unit	11093	Anson East Unit	6,7,18-31-1W	220	60	Miss	3,750	10	8	0	0	0	1964
1132	Anson Southeast	Beardmore Drlg. Company	(P)Anson West Unit	13989	Anson West Unit	6,7-31-1W;1,12-31-2W	900	0	Miss	3,750	10	10	0	0	1	1968
1133	Ashton Northwest	Lario Oil & Gas Company	(P)Williamson	12774	Williamson	13,14-34-1E	320	0	Miss Chat	3,484	?	2	0	0	0	1966
1134	Bates	Beardmore Drlg. Company	(P)Haines Lease	13900	Haines	36-30-2W	160	0	Miss	3,750	10	2	0	0	0	1967
1135	Bellman	Sun Oil Co.- DX Division	(D)Cox	4174	Cox	15-30-1E	240	0	Simpson	3,796	6	2	0	0	0	1956
1136	Churchill	Green Pipe & Supply Co.	(D)Churchill	13051	Churchill, Mason, Rutter, Wenrich, Wiles	25,36-31-2E	240	0	Tonkawa	1,800	160	6	0	0	0	1954
1137	Conway Springs	Texaco Inc.	(P)Conway Springs	12381		5,8-31-3W	517	0	Simpson	4,352	15	6	3	0	0	1967
1138	Fall Creek	Texaco Inc.	(W)Fall Creek KC Unit	14630	S. Hobbisiefken, F.A. Hudson, N.J. Peters, I.E. Showalter	3,4,9,10-35-3W	252	0	KC	3,700	7	0	0	---	---	?
1139	Fall Creek	Texaco Inc.	(W)Fall Creek Simp	5262		3,4,9,10-35-3W	510	---	Simpson	4,750	26	1	1	0	0	1956
1140	Interchange	Lario Oil & Gas Company	(P)Ashton & Lynch	10738	Ashton, Lynch	18,19-32-1E	480	0	Simpson	4,050	?	3	0	0	0	1964
1141	Kerschen	Sohio Petroleum Company	(W)Kerschen Unit	11426	Andra, Grabendike, Kerschen, Stewart	7,17,18-31-3W	400	---	Lans-KC	3,300	10	12	1	0	0	1965
1142	Murphy	Albert Brauer	(W)Crescent Unit	10223	Crescent Unit	11,12,13,14-35-2E	350	200	Bartl	3,500	19	4	7	0	4	1963
1143	Murphy	CRA, Inc.	(W)Vernon North Unit	14498	Callender, Callender "B", Kemp, McClasky, Waggoner	8,9,16,17-35-2E	288	0	Miss Dol	3,392	11	5	0	0	0	1961
1144	Murphy	George R. McNeish Oil	(W)North Vernon	10479	Buffington, Herrick, Kuchler	10,11,15-35-2E	400	0	Bartl	3,400	18	11	0	0	0	1964
1145	O'Hara	Stelbar Oil Corp., Inc.	(W)O'Hara	9106	O'Hara, Rians	18-32-1W;13-32-2W	160	---	KC	3,250	10	6	0	0	0	1961
1146	Padgett	Stelbar Oil Corp., Inc.	(W)Norrish & Shawver	14030 9209	Norrish, Shawver, Spence	27-34-2E	120	0	Miss Chert	3,450	30	5	0	0	0	1960
1147	Padgett	Stelbar Oil Corp., Inc.	(W)Post	10688	Post	34-34-2E	80	0	Miss Chert	3,450	30	3	0	0	0	1965
1148	Padgett	Sterling Drlg. Co.	(D)Thiessen	4601	Thiessen	22-34-2E	70	0	Miss	3,458	30	0	0	0	0	1963
1149	Rutter Southwest	Lario Oil & Gas Company	(D)King	12773	King	29-33-2E	160	0	Simpson	3,525	15	1	0	0	0	1964
1150	Seydell	Sam P. Wallingford, Inc.	(W)Seydell	11612	Seydell	17-30-1E	40	120	Simpson	3,800	13	5	0	0	0	1964
1151	Trekell	Beardmore Drlg. Company	(P)Anson South	11012	Anson South Unit	18,19-31-1W	60	20	Miss	3,750	7	3	0	0	0	1964
1152	Wellington	CRA, Inc.	(W)Wellington Unit	3396	Barlow, Barlow "A", Barlow "B", Beam, Caples, Carr, Cole, Curtis, Deturk, Deturk "A", Erker, Frankum, Frankum "A", Gaskill, Hennigh, Karmas, Ludwig, McDowell, McKee, Manahan, Markley, Miller, Moore, Murphy, Neel, Nelson, Peasel, Riddell, Rothrock, Rothrock "A", Stone, White	20,28,29,32,33- 31-1W;4,5,6,7,8, 9-32-1W	2,240	0	Miss Dol	3,650	20	70	4	0	1	1953
1153	Wellington	Aladdin Petroleum Corp.	(P)Miller	11040	Miller	23-31-1W	60	0	Miss	3,640	18	3	0	0	0	1957
1154	Wellington Northeast	Skelly Oil Company	(W)G.A. Spitler	7693	G.A. Spitler	26-31-1W	125	0	Miss Dol	3,655	14	4	2	0	0	1960
1155	Zyba Southwest	Petroleum Management, Inc.	(W)Chitwood-Snyder	7955	Chitwood, Snyder	15-30-1W	100	60	Simpson	3,880	15	5	0	0	3	1962
TREGO COUNTY																
1156	Groff	John O. Farmer, Inc.	(P)Holtzinger	10154	Holtzinger	35-14-21W	80	0	---	---	---	8	0	0	0	1963
1157	Groff	Sun Oil Co. - DX Division	(W)Holtzinger	13935	Holtzinger	35-14-21W	80	0	Marmaton	3,795	16	3	0	0	0	1968
1158	Kutina West	Shields Oil Producers, Inc.	(W)Dickman-Philip Wfd	13976	Dickman, Philip	24-15-22W	80	0	Cherokee	4,200	20	2	0	0	0	1968
1159	Mong	W.E. Wickizer	(D)Mong	11229	Mong	24,25-11-23W	40	---	KC	3,589	5	1	0	0	0	---
1160	Newcomer	Cities Service Oil Co.	(W)Hixson L-KC	10092	Hixson L-KC Unit	2,11-12-23W	800	0	Lans-KC	3,660	12	7	0	0	0	1960
1161	Newcomer	Cities Service Oil Co.	(W)Newcomer Co-op Wfd	10092	Morgen C, Newcomer A, Newcomer B	12-12-23W	480	0	Lans-KC	---	---	6	3	0	0	1960
1162	Newcomer	Phillips Petroleum Co.	(W)Rasek "A"	8278		12-12-23W	60	?	Lans-KC	3,700	35	2	0	0	0	1962
1163	Wakeeney	Okmar Oil Company	(W)Kraus-Lemke	6045	Kraus, Lemke	15-11-23W	120	0	Lans-KC	3,500	5	2	0	0	0	1958
1164	Wakeeney East	Okmar Oil Company	(W)Mong Lease	14181	Mong	24-11-23W	50	0	Lans-KC	3,539	5	0	0	0	0	1968
WABAUNSEE COUNTY																
1165	Davis Ranch	Humble Oil & Ref. Co.	(P)G.H. Davis "A"	14051	G.H. Davis "A"	33-13-10E	97	0	KC	1,828	6	2	0	0	0	1968
1166	Mill Creek	Skelly Oil Company	(P)Carl Thowe *	13124	Carl Thowe	2,3-13-10E	0	0	Viola	2,930	4	0	0	0	0	1966



No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected,	
1131	1	0	0	0	Peri.	400	820	Wellington	50	F	S Gas	?	41	?	101,733	62,289	299,649	190,789	1,222,098	
1132	2	0	0	0	Peri.	0	366	Prod + Stalnaker	2,675	M	Wat*	?	41	?	75,960	37,356	234,063	37,356	234,063	*S Gas
1133	1	0	0	0	Irreg.	Grav.	780	Prod + Layton-Arbuc	2,863*	T	S Gas	1/4	40	?	11,968	0	292,800	0	654,800	*3,764
1134	1	0	0	0	Peri.	Vac.	16	Prod	---	U	Gas Exp	?	41	?	13,264	0	5,911	0	7,575	
1135	1	0	0	0	Irreg.	490	85	Prod	---	U	S Gas	1/4	49	1.1	4,143	4,143	30,953	209,383	399,888	
1136	2	2	0	0	Irreg.	0	1,800	Prod + Arbuc*	2,444†	U	Wat	?	35	---	11,037	5,568	657,000	198,524	9,045,000	*Hoover; †1,683
1137	4	0	0	0	Peri.	100	560	Prod	---	U	Wat	2/1	44	1.1	235,641	---	818,468	---	1,011,417	
1138	---	---	---	---	Peri.	0	0	Prod + Stalnaker	---	U	S Gas	1/5	36	3.6	1,386	0	0	0	0	
1139	3	2	0	0	Peri.	200	310	Prod + Stalnaker	---	U	Wat	1/6	46	---	13,526	---	343,984	---	7,881,824	
1140	1	0	0	0	Irreg.	Grav.	38	Prod	---	T	Wat*	11/2*	43	?	53,537	?	13,982	?	49,654	*S Gas
1141	4	0	0	0	Irreg.	870	292	Shallow Sand	40	F	S Gas	5/8	34	---	35,197	35,015	428,393	61,204	1,272,978	
1142	20	4	0	4	Peri.	*	300	Prod + Layton†	2,750‡	T	Gas Exp	20/80	42	---	28,336	28,336	1,253,180	178,583	10,261,090	‡400-700; †Stalnaker;
1143	5	0	0	0	Peri.	150	275	Prod + Stalnaker	2,293	T	S Gas	1/4	41	?	27,839	27,839	497,960	102,589	2,647,998	‡2,450
1144	7	0	0	0	Peri.	309	353	Prod + Stalnaker*	2,200†	U	S Gas	---	40	---	10,171	10,171	957,115	73,310	4,288,825	*Layton; †2,800
1145	2	0	0	0	Peri.	700	120	Prod + Stalnaker	2,750	T	S Gas	---	38	---	15,662	15,662	100,000	171,055	1,195,185	
1146	2	0	0	0	Line	0	0	Prod	---	U	Wat + S Gas	---	37	---	12,317	1,231	75,000	2,425	156,000	
1147	1	0	0	0	Irreg.	0	200	Prod + Stalnaker	2,350	U	Wat*	---	37	---	7,043	3,686	60,000	4,881	167,486	*S Gas
1148	1	0	0	0	Irreg.	Vac.	45	Prod	---	U	S Gas	---	40	---	870	0	8,145	0	82,820	*Lease sold 7/1/68
1149	2	0	0	0	Peri.	0	?	Arbuc	---	U	S Gas	31/0	38	?	16,068	5,996	?	15,292	?	
1150	2	0	0	0	---	400	296	Prod + Fresh	26	M	S Gas	1/0	47	?	6,774	6,774	216,262	105,713	883,696	
1151	2	0	0	0	Peri.	510	420	Prod + Wellington	50	M	Wat*	?	41	?	15,496	6,784	306,111	53,170	1,334,560	*S Gas
1152	49	1	0	0	Irreg.	100	400	Prod + Stalnaker	2,650	U	S Gas	98/1	43	?	435,297	435,297	8,034,899	6,977,885	67,351,385	
1153	2	0	0	0	Irreg.	180	325	Prod + KC	3,100	U	Wat	---	40	?	6,797	6,797	150,645	218,047	1,802,330	
1154	2	0	0	0	Irreg.	500	283	Prod + Shallow Sd	50	M	S Gas	4/3	42	?	4,215	4,215	206,267	85,020	1,964,494	
1155	1	1	0	0	Irreg.	Vac.	220	Prod	---	U	Wat	1/5	44	---	11,383	0	79,200	68,500	501,860	
1156	1	0	0	0	Irreg.	200	120	Prod	---	U	Grav	---	40	---	?	---	43,120	---	191,240	
1157	1	0	0	0	Irreg.	1,238	195	Prod + Fresh	18	U	S Gas	10/9	40	?	34,531	34,531	71,066	34,531	71,066	
1158	1	0	0	0	Irreg.	800	293	Cheyenne	---	T	Grav	---	38	---	24,898	14,000	59,470	14,000	59,470	
1159	1	0	1	0	Peri.	0	40-50	Prod + KC	3,589	U	Comb.	1/1	40	---	1,937	?	2,000	?	?	
1160	3	0	0	0	Irreg.	25	266	Prod	---	U	S Gas	?	36	?	13,157	13,157	291,630	37,631	1,234,810	
1161	2	0	0	0	---	175	228	Prod	---	U	S Gas	?	38	?	16,042	12,769	166,525	37,613	855,093	
1162	2	0	0	0	Irreg.	5	194	Prod + Cedar Hills	1,330	U	S Gas	5/28	39	6	2,627	2,627	141,846	78,976	320,151	
1163	1	0	0	0	Irreg.	100	218	Prod	---	U	S Gas	?	40	---	3,862	2,419	78,912	?	?	
1164	1	0	0	0	---	150	202	Prod	---	U	S Gas	15/5	36	---	12,838	0	53,400	0	53,400	
1165	1	0	1*	0	Irreg.	265	172	Prod	---	U	Wat	---	29	27	3,616	2,545	47,432	2,545	47,432	*Converted
1166	1	0	0	0	Irreg.	0	338	Prod	---	U	Wat	3/35	23	?	1,602	0	51,304	0	174,924	*Lease sold 6/1/68

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
WILSON COUNTY																
1167		Murco	(W)Uhren Flood	11377	Uhren	16-28-17E	200	---	Bartl	975	22	11	7	0	0	1964
1168	Altoona	APCO Oil Corporation	(W)Wiggins Flood	5749	Eklund, Freidline "A", "B" & "C", Hulteen, Larson, Randles, Reece A & B, Wiggans	8,17,22-28-17E	600	0	Bartl	1,000	30	88	28	0	0	1959
1169	Altoona	Davis & Bel Const. Co.	(P)Folger	12954	Folger	36-28-16E	40	0	Squirrel	690	5	3	0	0	0	1966
1170	Altoona	R & L Oil Company	(P)Post-Watson	5729	Post	34-28-16E	30	0	Squirrel	672	12	5	0	0	0	1957
1171	Altoona	Wimsett & Thompson	(W)	8983	Shart	31-28-17E	10	?	Squirrel	680	20	3	0	0	0	1960
1172	Altoona East & Neodesha	Standard Metals Corp.	(W)Thayer Project	10968	Commons, Johnson-Norris, McDonald, Ben Martin, J. Martin, Woods, Frank Young Estate	9,10,16,17,20-29-17E	324	80	Bartl	815	18	34	39	0	14	1954
1173	Benedict	C.F. Jones Oil Company	(W)Roberts Lease	10348		11-28-15E	200	0	Squirrel	940	15	8	6	0	0	1963
1174	Benedict & Buffalo- Vilas	Tec Drilling Co., Inc.	(D)Morse Lease	7257		13-28-15E	20	0	Bartl	940	15	0	0	0	0	1959
1175	Buffalo-Vilas	Baker Oil Company	(D)Milligan-Payne	12901	Milligan, Payne	14-27-15E	40	?	Bartl	899	7	7	6	0	0	1966
1176	Buffalo-Vilas	Bernhardt Oil Company	(W)	9674	Carlson	11,12-27-16E	20	15	Bartl	980	16	3	3	0	0	?
1177	Buffalo-Vilas	Miller Oil Co.	(D)Mattix Lease	11983	Mattix	1-28-15E	80	0	Bartl	1,074	15	0	0	0	0	1965
1178	Buffalo-Vilas	Walter H. Walne, Jr.	(W)Fisher	9507	Larson, Nelson, Sutter- field, Union Central	13,24-27-16E	35	0	Bartl	1,000	10	6	0	0	0	1962
1179	Fredonia	Sun Oil Company	(W)Van Camp Wfd	8283	Hamilton, Mikesell, Van Camp	27,28,34,35-29-15E	70	---	Bartl	1,160	40	21	---	0	0	1961
1180	Neodesha	Burk Royalty Co.	(W)North Willis	12289 11508	Badgley, Boyer, Murken, Perry, Tart, Thompson, Willard	12-30-15E;18-30-16E	40	0	Bartl	980	10	2	0	0	0	1965
1181	Neodesha	Fred E. Wood & Associates	(W)Neodesha Unit #1	9937	Borceaux, Bowman, City Sewage, Clegg, Cook-Kimball, Cramer, Ellis, Fee #2, Greer, Holland, Holmberg, Hutchins, Theo. Johnson, R. M. Jones, Keys Heirs, Belle Keys, Kimball, C.W. Long, Mann, Mong-Kimball, Mong- Skiles, Rogers, Scott, Skiles-Rankin, Skiles-Sweeney, J.W. Sutherland, Ivine Wilson, Wolfe (East) Lease, Wolfe (West)	20,21,28,29,32,33- 30-16E	350	0	Neodesha	800	15	79	0	0	0	1961
1182	Neodesha	Fred E. Wood & Associates	(W)Neodesha Unit #2	12549 9559	Bailey Fee #1, Cline, Craw- ford, Davis, Forbes, Gwartney, Horwitz, Kammerer North, Kammerer V., Kammerer Williams, McCullough, Morris, Moulton, Porter, Ramey, Sinclair, York	1,12-30-15E;5,6, 7,8,18-30-16E	90	0	Neodesha	950	20	7	0	0	0	1963
1183	Neodesha	Fred E. Wood & Associates	(-)Neodesha Unit #3	10231	Barnes A	21-30-16E	12	0	Neodesha	750	12	2	2	0	0	1964
1184	Neodesha	Fred E. Wood & Associates	(W)Neodesha Unit #4	10232	Kimball Dunn, Kimball, Wilhelm	19-30-16E	15	0	Neodesha	850	15	7	0	0	0	1963
WOODSON COUNTY																
1185	Big Sandy	Woodson Pipe Line & Producing Company	(P)Big Sandy	6103	Allen, Cobble, Duncan, Lauber, Louk, Pendley, Schafer, Scott, West Lauber	14,22,23-26-14E	25	0	Bartl	1,250	35	24	11	0	0	1957
1186	Big Sandy & Silver City	Pauley Petroleum, Inc.	(W)Silver City Unit "A"	12198	Lauber, Lauber "A", Lauber "B", Steinfirth	18,19-26-15E	100	0	Bartl	1,400	20	7	0	0	0	1965
1187	Humboldt-Chanute	Conlee Oil Company	(W)Moon-Pribbernow	9075	Bennett "A", Bennett "B", Moon, Orth, Pribbernow, Reno, Tebbens, Williams	20,21,22,27,28,29- 25-17E	1,750	0	Squirrel	780	15	56	0	0	0	?
1188	Neosho Falls-LeRoy	C & C Oil Co.	(P)	11552	Tidd	30-23-17E	126	0	Squirrel	890	6	5	0	0	0	1965
1189	Neosho Falls-LeRoy	Leedy-Beaman	(P)Leedy-Beaman	13220		24,25-23-16E; 19,30-23-17E	15	2	Squirrel	924	12	5	2	1	0	1967
1190	Neosho Falls-LeRoy	C.H. Reser	(D)Russell George	12579	Russell George	30-23-17E	80	---	Squirrel	890	10	?	---	1	0	---

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, cumulative, bbl	
1167	5	1	0	0	Irreg.	300	25	Prod + Creek + Miss	1,120	M	?	---	29	26	10,427	10,427	40,470	56,787	91,633	
1168	33	27	0	0	5-spot	700	22	Prod + Miss	1,800	U	S Gas	?	28	?	28,441	28,441	270,173	787,528	3,945,907	
1169	1	0	0	0	Irreg.	500	50	Prod + Bartl	800	U	S Gas	90/10	28	?	2,367	750	16,750	2,000	45,290	
1170	1	0	0	0	3-spot	525	40	Prod	---	U	---	---	28	---	675	---	---	---	---	
1171	1	1	0	0	3-spot	420	40	Prod	---	U	Grav	60/40	29	29	1,440	700	15,000	?	?	
1172	33	24	0	8	Irreg.	448	44	Prod + Miss	1,048	T	S Gas	?	30	?	15,184	15,184	526,583	373,071	8,335,632	
1173	6	0	0	0	5-spot	450	42	Prod + Miss	1,205	U	Gas Exp	99/1	33	?	9,492	8,068	100,000	50,000	500,000	
1174	1	0	0	0	Irreg.	0	1	Prod	---	U	Gas Exp	66/1	33	?	65,000	0	?	0	?	
1175	1	0	0	0	Irreg.	?	?	Prod	---	U	Grav	---	32	?	3,040	?	?	?	0	
1176	3	0	0	0	Irreg.	600	50	Prod + Lime	600	T	S Gas	?	22	?	1,200	1,200	600	?	?	
1177	1	0	0	0	Irreg.	0	75	Prod	---	U	Grav	1/10	29	---	2,190	0	27,325	0	---	
1178	7	0	0	0	Line	600	52	Prod + Salt Sand	1,100	T	S Gas	---	30	?	7,218	7,218	115,099	58,546	1,052,185	
1179	9	1	0	0	Irreg.	620	1,325	Prod + Oswego	350	T	S Gas*	---	25	---	35,567	35,567	483,366	113,995	3,172,035	*Grav
1180	2	0	0	0	Irreg.	670	137	Prod + Lime	400	M	S Gas	?	36	?	4,544	4,544	50,340	13,896	154,610	
1181	73	0	0	0	5-spot	650	40	Prod + River Water-Shallow Gravels	---	M	S Gas	86/14	38	4	48,251	---	1,064,328	287,624	4,693,762	
1182	11	0	0	0	5-spot	400	52	Salt Sand	1,000	T	S Gas	7/3	38	4	4,691	---	209,804	31,317	1,052,442	
1183	0	4	0	0	---	?	?	---	---	F	---	---	40	4	159	---	0	4,225	241,143	
1184	8	0	0	0	---	700	26	River Gravel	60	F	S Gas	75/25	40	4	5,526	---	77,527	16,184	466,801	
1185	4	0	0	0	5-spot	0	73	Prod + Cherokee	1,100	T	Grav	3/1	21	?	28,430	22,744	107,507	370,000	998,128	
1186	10	0	0	0	5-spot	424	140	Prod + KC + Arbuc	690	T	S Gas	2/1	29	21	11,514	11,514	448,737	15,844	780,979	
1187	29	0	0	0	5-spot	600	31	Prod + KC	1,880 400	U	S Gas	---	27	?	17,997	17,997	324,219	142,448	1,871,913	
1188	1	0	0	0	Line	200	25	Prod + KC + Douglas	600	U	Wat	80/20	26	---	2,500	1,200	7,000	8,000	25,000	
1189	1	0	0	0	7-spot	50	25	---	105	U	Grav	95/5	?	---	6,200	3,400	8,000	3,400	8,000	*25.1 @ 44°
1190	1	0	0	0	Irreg.	0	10	Prod	---	-	Wat	55/25	26	---	1,600	?	10	---	3,000	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
WOODSON Cont.																
1191	Quincy	Bird-Hanley & Sheedy	(W)Batesville	10634	Akins, Eades, Enloe, Klick, Lee, Mills "A", Mills "B", Nordmeyer, A.W. Tipton, J.W. Tipton, Werner	24-25-13E;19,20,21,28,29-25-14E	650	190	Bart1	1,450	30	42	14	0	0	1942
1192	Quincy	Petrol Equities Investment Co., Inc.	(W)Quincy	2449	Klick, Mason	14,23-25-13E	40	100	Bart1	1,400	30	3	3	0	0	1961
1193	Quincy	H.E. Ozenberger	(D)Klick	10585	Klick	20-25-14E	---	---	Bart1	1,400	---	6	0	0	0	---
1194	Quincy	H.J. Uhl & Grace L. Uhl	(W)Myrtle Corkery & Dennis Corkery	10770	Dennis Corkery, Myrtle Corkery	29-25-14E	?	0	Bart1	1,400	25	5	1	0	0	1964
1195	Silver City	Pauley Petroleum, Inc.	(W)Silver City Unit "B"	11604	Adams, Hill "A", Hill "C"	20,29-26-15E	55	0	Bart1	1,400	20	3	1	0	0	1967
1196	Vernon	The Dow Chemical Company Brazos Division	(W)South Vernon	12706	Long, Strahm	11-24-16E	75	0	Squirrel	990	17	18	0	0	0	1966
1197	Vernon	The Dow Chemical Company Brazos Division	(W)Vernon	6887	Alexander, Alexander "A", Alexander "B", Butler, Riley	35-23-16E;2-24-16E	160	0	Squirrel	990	17	41	7	0	0	1963
1198	Vernon	Long-Tye Oil Co.	(W)Glades-Fuller	12385	Fuller, Glades, Robison	29,33-23-16E	480	0	Squirrel		15	12	2	0	---	1966
1199	Vernon	Sturlong Oil Co.	(W)	10670	Keske, Long, Sturdivan	34-23-16E	60	0	Squirrel	1,020	14	12	0	0	0	1965
1200	Vernon	T.A.P. Oil Co.	(W)Vernon	14285	Keske	5-24-16E	20	0	Squirrel	1,100	30	?	0	3	0	1968
1201	Virgil North	Barnett Oil Company	(D)Bahr Lease	7949	Bahr	23-23-13E	40	0	Viola	2,123	6	3	0	0	0	1960
1202	Virgil North	French Oil Company	(P)F. Jones	8459	Jones	24-23-13E	50	0	Miss	1,700	3	5	0	0	0	1960
1203	Winterschied	Barbara Oil Company	(W)Maclaskey	12212	J.W. Maclaskey	29-23-14E	160	0	Miss	1,670	15	15	0	0	0	1944
1204	Winterschied	French Oil Company	(P)Arnold	7898	Arnold	35-23-14E	40	0	Miss	1,700	5	4	0	0	0	1960
1205	Winterschied	French Oil Company	(P)Dewey	416	Dewey	32-23-14E	100	0	Miss	1,600	6	7	0	0	0	1956
1206	Winterschied	French Oil Company	(P)Headley	3902	Headley	29,32-23-14E	90	0	Miss	1,700	6	11	0	0	---	1955
1207	Winterschied	French Oil Company	(P)Headley	5662	Headley	29-23-14E	70	0	Miss	1,700	6	6	---	0	0	1955
1208	Winterschied	French Oil Company	(P)Knox	12189	Knox	24-24-13E	40	0	Miss	1,600	4	4	0	0	0	1965
1209	Winterschied	French Oil Company	(P)Maclaskey	1056	Maclaskey	31-23-14E	40	0	Miss	1,700	4	4	0	0	0	1960
1210	Winterschied	French Oil Company	(P)Quartet	6222	Quartet	21-23-14E	40	0	Miss	1,700	6	2	1	0	0	1955
1211	Winterschied	French Oil Company	(P)Rhea	12149	Rhea	24-24-13E	120	0	Miss	1,650	6	6	0	0	0	1963
1212	Winterschied	French Oil Company	(P)South Peek	5646	Peek	20-23-14E	100	0	Miss	1,700	6	8	0	2	0	1956
1213	Winterschied	French & Winterscheid, Inc.	(P)Estes	1055	Estes	7-24-14E	40	20	Miss	1,700	6	5	0	0	0	1950
1214	Winterschied	French & Winterscheid, Inc.	(P)W. Jones	6088		30-23-14E	70	10	Miss	1,700	6	4	0	0	0	1950
1215	Winterschied	French & Winterscheid, Inc.	(P)Kimble	6021	Kimble	18-24-14E	60	10	Douglas	1,700	6	3	0	0	0	1955
1216	Winterschied	French & Winterscheid, Inc.	(P)Emma Otto	5645	E. Otto	21-23-14E	20	---	Miss	1,700	4	2	0	0	0	1956
1217	Winterschied	French & Winterscheid, Inc.	(P)Smith-Jobes	3893	Smith-Jobes	7-24-14E	40	20	Miss	1,700	6	5	0	0	0	1950
1218	Winterschied	French & Winterscheid, Inc.	(P)Winterscheid	3892		6-24-14E	60	20	Miss	1,700	5	6	1	0	0	1950
1219	Winterschied	Houston-Oklahoma Oil Co.	(W)Kimbell & Rhea	13162*	Kimbell, Rhea	13-24-13E;18-24-14E	0	0	Miss	1,675	10	0	0	0	0	1966
1220	Winterschied	Sinclair Oil Corporation	(W)Wintersheid Wfd	7103	Henry G. Collins, W.R. Headley "A", W.P. Headley "B" & "C", J.W. Maclaskey	29,30,32-23-14E	560	0	Miss Chat	1,700	20	38	2	0	0	1960
1221	Winterschied	Union Oil Co. of Calif.	(W)W.P. Headley	10251	W.P. Headley	32,33-23-14E	440	0	Miss Dol	1,700	20	18	3	0	0	1963
1222	Winterschied	Union Oil Co. of Calif.	(D)H.D. Stevenson	4218	H.D. Stevenson	5-24-14E	107	0	Miss	1,674	20	6	3	0	0	1939
1223	Winterschied	Vannocker & Mason	(W)Figge	14365	Figge	34-23-14E	20	0	Miss	1,663	15	1	0	0	0	1968
1224	Winterschied	The Vannocker Oil Co.	(P)Rich-Owen Unit	11700	Owens, Rich	24-23-14E	80	0	Miss	1,575	12	1	0	0	0	1964
1225	Winterschied	The Vannocker Oil Co.	(W)Weide Unit	13070*	Weide	31-23-15E;6-24-15E	80	20	Miss	1,545	10	4	0	1	0	1966
1226	Wissman	John L. Haas	(P)Switzer Lease	8422	Switzer	2,3-24-15E	30	0	Miss	1,485	8	3	1	0	0	1967
1227	Yates Center	Bird-Hanley & Sheedy	(W)Yates Center	1474	Aetna & Aetna "A", Degreee of Honor, Krueger	22,27,28-25-15E	200	40	Miss	1,500	5	7	0	0	0	1946
1228	Yates Center	Jones & Campbell, Inc.	(P)Miller	12766	Carl R. Miller	15-25-15E	10	0	Miss	1,490	10	2	0	0	0	---
1229	Yates Center	L.M. McCormick	(D)Wallace Lease	729	Degler, Wallace	21-25-15E	40	---	Miss	1,490	7	2	2	0	---	1942

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
1191	37	9	0	0	5-spot	390	77	Prod + KC	670	T	S Gas	?	38	?	46,313	46,313	1,041,359	2,988,915	25,470,518*	*870,900mcf
1192	6	0	0	0	Irreg.	250	50	Prod + Surface	---	M	S Gas	---	41	?	2,608	2,608	109,500	71,935	1,291,416	
1193	1	0	0	0	---	0	100	Prod	---	U	Grav	?	40	---	4,359	---	30,000	---	---	
1194	2	2	0	0	---	60	35	Prod + Creek Water	---	F	?	20/80	41	60	3,905	?	?	?	?	
1195	7	1	0	0	5-spot	340	61	Prod + KC	694	T	S Gas	1/1	28	21	2,708	2,708	154,757	4,238	339,964	
1196	5	2	0	0	Line	390	33	KC	350	T	S Gas	37/63	26	*	3,434	3,434	60,117	7,077	212,221	*76 @ 75°
1197	34	5	2	0	Line	472	26	KC	350	T	S Gas	99/1	26	*	55,611	55,611	329,315	324,217	1,767,326	*76 @ 75°
1198	4	0	0	0	Irreg.	Grav.	15	Prod + KC	565	U	Grav	90/10	24	---	25,000	1,800	25,000	3,300	42,000	*1039-1085
1199	12	0	0	---	Irreg.	220	20	Prod + KC	420	T	S Gas	1/1	24	72	18,227	18,227	107,700	42,717	445,000	*10663
1200	2	0	0	0	5-spot	250	30	Prod + KC	420	T	Grav	98/2	22	78	10,500	0	5,400	0	5,400	
1201	1	0	0	0	Irreg.	0	390	Prod	---	U	Wat	?	32	?	13,305	3,000	142,350	56,850	811,760	
1202	1	0	0	0	Irreg.	100	180	Prod	---	T	Wat	1/1	36	---	4,509	901	38,000	9,000	838,000	
1203	2	0	0	0	Irreg.	600	300	Prod	---	U	S Gas	16/10	39	?	29,000	20,000	217,700	172,500	1,285,350	
1204	1	0	0	0	Irreg.	60	50	Prod	---	T	S Gas	45/55	36	---	1,917	575	15,000	12,000	265,000	
1205	1	0	0	0	Irreg.	75	100	Prod	---	T	S Gas	55/45	37	---	9,243	2,310	24,000	41,880	124,000	
1206	1	0	0	0	Irreg.	75	200	Prod	---	T	S Gas	1/1	37	---	12,977	4,541	35,000	25,814	835,000	
1207	1	0	0	0	Irreg.	80	200	Prod	---	T	S Gas	1/1	37	---	11,123	4,449	12,000	18,575	272,000	
1208	1	0	0	0	Irreg.	70	75	Prod	---	T	S Gas	48/52	33	---	3,468	867	8,000	4,470	18,000	
1209	1	0	0	0	Irreg.	Vac.	100	---	---	T	S Gas	45/55	36	---	3,728	932	10,000	10,300	70,000	
1210	1	0	0	0	Irreg.	75	50	Prod	---	T	S Gas	60/40	36	---	9,555	3,822	4,000	9,555	4,000	
1211	1	0	0	0	Irreg.	100	125	Prod	---	T	S Gas	55/45	33	---	5,781	877	18,000	16,757	98,000	
1212	1	0	0	0	Irreg.	75	125	Prod	---	T	S Gas	51/49	37	---	14,204	4,261	30,000	66,000	750,000	
1213	1	0	0	0	Irreg.	125	150	Prod	---	T	S Gas	45/55	36	---	4,397	2,198	58,000	54,500	159,000	
1214	1	0	0	0	Irreg.	80	100	Prod	---	T	Wat	40/60	36	---	3,902	1,951	32,500	45,000	762,500	
1215	1	0	0	0	---	150	200	Prod	---	T	S Gas	45/55	35	---	1,916	0	0	0	0	
1216	1	0	0	0	Irreg.	25	50	Prod	---	T	S Gas	1/1	35	---	446	446	14,000	15,406	249,000	
1217	1	0	0	0	Irreg.	90	110	Prod	---	T	S Gas	49/51	36	---	2,534	1,900	28,500	56,080	678,500	
1218	1	0	0	0	Irreg.	50	100	Prod	---	T	S Gas	52/48	36	---	2,597	1,298	25,000	37,400	625,000	
1219	2	0	0	0	Irreg.	100	99	Prod	---	U	Wat	1/3	35	---	8,237	4,000	72,870	4,000	72,870	*13109
1220	17	3	0	0	---	380	223	Prod + Douglas	700	U	Wat + S Gas	3/14	39	---	63,976	63,976	1,389,770	459,481	8,199,998	
1221	14	0	0	0	5-spot	980	217	Arbuc	2,011	T	Grav	17/63	38	---	41,376	30,178	790,225	150,569	4,602,670	
1222	1	0	0	0	Irreg.	0	36	Prod	---	T	S Gas	24/35	38	---	2,290	0	13,176	0	404,417	
1223	2	0	0	0	Peri.	Vac.	650	Prod + Arbuc	2,050	T	Grav	1/5	39	---	3,630	400	110,000	400	110,000	
1224	1	0	0	0	Irreg.	250	90	Prod	---	T	Grav	1/5	39	---	2,400	400	33,000	1,180	145,800	
1225	3	0	0	0	Peri.	300	120	Prod + KC	580	T	Grav	1/4	39	---	5,300	3,000	67,000	5,380	188,647	*13047
1226	1	0	0	0	3-spot	200	150	Prod	---	M	Grav	1/28	30	---	1,700	?	54,000	0	132,000	
1227	4	0	0	0	5-spot	160	104	Prod + KC	550	T	Wat	50/1	30	?	4,707	4,707	152,724	121,177	1,514,238*	*2,600mcf
1228	---	---	0	0	Irreg.	200	125	Prod	---	T	Wat	1/10	22	---	2,400	0	43,200	0	80,000	
1229	2	1	0	1	Irreg.	Grav.	75	Prod	---	M	Wat	20/80	31	---	10,000	7,000	54,750	10,000	?	

No.	Field name	Operator	Type and project name	Conser- vation no.	Name of lease (s)	Legal description	Producing acres		Producing zone			Producing wells				Date, first inj.
							Current	Depleted	Name	Depth, ft.	Thick., ft.	Active	Inactive	Drilled	Aband.	
SUPPLEMENTARY LISTING OF QUESTIONNAIRES RECEIVED AFTER CUTOFF DATE																
BARTON COUNTY																
1230	Chaffee	Four-Way Operating, Inc.	(W)Russell	14048	Russell, Vaughan-Russell	31-19-13W;36-19-14W	0	0	Lans-KC*	3,265	4	0	0	0	0	?
1231	Claflin Northwest	Four-Way Operating, Inc.	(W)Routledge	11804	Evanson, Mateyec, Routledge, Routledge "B"	33-17-11W	0	40	Lans-KC	3,097	4	1	1	0	1	1965
1232	Heizer Southwest	Four-Way Operating, Inc.	(D)Hall	6983	Hall, Harrison	28,29-19-14W	160	80	Lans-KC	3,219	5	2	0	0	0	1959
1233	Reif South	Four-Way Operating, Inc.	(W)Klug	14323	Charles "A", Charles, "B", Hunsley, Jenisch, Klug, Westerman	31-16-12W;6-17-12W	40	?	Lans-KC	3,172	6	1	1	0	0	1968
1234	Trapp	Earl Allen	(P)Harrington- Stoskopf	10313	Harrington, Stoskopf	28,29-16-13W	40	40	Lans-KC	3,132	50	2	0	0	0	1964
1235	Trapp	Earl Allen	(P)F.J. Schreiber	12144	F.J. Schreiber	32-16-13W	100	0	Lans-KC	3,077	48	3	0	0	0	1966
ELLIS COUNTY																
1236	Ubert Northwest	E.K. Edmiston	(W)Schmidt	9694	Schmidt	36-12-18W	80	0	Lans-KC	3,600	?	4	0	0	0	1963
MARION COUNTY																
1237	Lost Springs	Francis R. Loriaux	(-)Bevan	7768	Bevan BF, Bevan C, C. Reznicek	21,22,28-17-4E	0	290	---	---	---	0	---	0	---	1961
MONTGOMERY COUNTY																
1238	Coffeyville- Cherryvale	Benson Oil Co.	(W)Davis	9082		17,19,20-34-17E	5	0	Bartl	585	20	1	0	0	0	1962
1239	Coffeyville- Cherryvale	Benson Oil Co.	(W)Davis-King Day- Voght	9081	Davis, King Day, Voght	17,19,20-34-17E	61	15	Bartl	590	25	12	0	0	0	1954
1240	Jefferson-Sycamore	Benson Oil Co.	(W)Blex	12512	Blex	16-34-15E	160	0	Wayside	480	15	8	0	0	0	---
1241	Sorghum Hollow	Benson Oil Co.	(W)Fowler	4490	Fowler, Newkirk	19,20-32-14E	15	0	Weiser	825	25	8	0	0	0	1965
ROOKS COUNTY																
1242	Jelinek	Four-Way Operating, Inc.	(-)Wilfred Benoit	10011		26-9-19W	0	70	Lans-KC	---	---	0	0	0	0	1962
RUSSELL COUNTY																
1243	Hall-Gurney	Earl Allen	(D)Kaufman	14595	Kaufman	33-15-12W	40	---	Lans-KC + Toronto	2,953	?	0	0	1	0	1968

No.	Injection wells				Injection pattern	Well-head press., psi	Water inj. bbl/well/day	Injected water data			Primary production mechanism	Primary oil-water ratio	API grav., deg.	Oil visc., cp. @ 60° F	During 1968			To End of 1968		Additional data
	Active	Inactive	Drilled	Aband.				Source	Depth, ft.	Type					Total oil from project area	Oil recovered by secondary methods, bbl	Water injected	Oil recovered by secondary methods, cumulative, bbl	Water injected, bbl	
1230	0	0	0	0	Peri.	0	0	Prod + Quaternary	20	U	S Gas	1/0	33	?	1,764	0	0	0	0	"F" Zone
1231	0	0	0	1	Irreg.	700	200	Prod	---	U	S Gas	?	40	?	101	101	73,000	7,574	274,356	
1232	1	0	0	0	Irreg.	0	120	Prod + Lans-KC	3,219	T	Comb.	7/53	33	?	2,656	2,656	43,800	36,173	270,671	
1233	1	0	0	0	Irreg.	400	38	Prod + Arbuc Dol	3,429	T	S Gas	1/0	34	?	919	919	1,390	919	1,390	
1234	2	2	0	0	Line	1,600	300	Prod	---	U	S Gas	1/1	--	---	3,454	3,454	108,000	50,221	936,000	
1235	1	0	0	0	3-spot	200	500	Prod + Arbuc	3,400	T	S Gas	1/1	38	?	7,878	5,000	180,000	1,000	463,000	
1236	1	0	0	0	Irreg.	0	?	Prod	---	U	?	?	29	?	8,926	0	?	0	?	
1237	0	6	0	0	---	---	---	Sheet Water	100	-	Gas Exp	---	34	---	0	0	0	0	0	
1238	1	0	0	0	Line	350	50	Prod + River	---	M	S Gas	---	31	---	1,849	1,849	18,251	7,399	126,864	
1239	16	0	0	0	Line	350	50	Prod + River	---	M	S Gas	---	31	---	5,894	5,894	291,887	82,796	2,008,596	
1240	12	0	0	0	5-spot	250	30	Prod + Salt Sand	200	U	S Gas	---	30	---	1,495	1,495	86,437	?	?	
1241	6	0	0	0	5-spot	125	30	Prod	---	U	S Gas	---	31	16	3,915	3,000	65,709	13,000	185,000	
1242	0	0	0	0	---	0	0	Arbuc	3,558	T	S Gas	?	30	?	0	0	0	3,495	?	
1243	1	0	1	0	Line	0	75	Prod	---	U	S Gas	---	38	?	701	0	4,500	0	4,500	

COUNTY SUMMARY OF 1968 SECONDARY RECOVERY AND PRESSURE MAINTENANCE PROJECTS IN KANSAS

	Total oil from project area bbl †	Oil recovered by secondary methods bbl	Water injected bbl	Current Producing acres	Active Producing wells	Active Injection wells	Wells Drilled oil	Wells Drilled inj.
ALLEN	450,025	392,610	4,159,951	1,606	311	276	18	15
ALLEN-ANDERSON	30,897	30,897	273,789	250	59	47	0	0
ALLEN-BOURBON	609	0	0	0	0	0	0	0
ALLEN-NEOSHO	5,521	5,521	81,219	191	10	7	0	0
ANDERSON	230,612	225,041	4,149,584	2,887	1,339	669	4	1
BARBER	272,273	243,500	7,293,607	2,273	44	22	0	0
BARTON	740,291	486,488	8,124,552	6,715	207	105	2	2
BARTON-ELLSWORTH	97,182	97,182	1,918,798	708	17	10	0	1
BARTON-RICE	82,650	82,650	687,766	370	13	8	0	0
BARTON-RUSSELL	16,686	0	38,371	400	22	6	0	0
BARTON-STAFFORD	39,146	9,655	444,463	260	13	5	0	0
BOURBON	130,557	85,091	1,095,453	675	77	77	21	9
BUTLER	3,335,400	1,564,504	51,884,333	19,842	860	647	11	9
BUTLER-COWLEY	6,129	6,129	110,000	640	6	3	0	0
BUTLER-MARION	1,817	909	14,600	50	2	2	0	0
CHASE	28,448	28,400	726,519	270	7	4	0	0
CHASE-LYON	76,000	15,000	130,000	80	6	4	6	0
CHAUTAQUA	239,840	175,226	1,903,287	6,332	375	85	11	5
CLARK	36,068	30,288	412,778	1,860	6	3	0	0
COFFEY	34,224	22,143	369,020	425	33	10	0	0
COFFEY-WOODSON	36,605	30,013	874,475	300	29	18	1	1
COWLEY	1,267,977	1,072,552	17,427,975	10,431	300	182	2	0
CRAWFORD	44,960	39,636	475,884	566	126	128	0	0
DECATUR	233,691	110,430	2,075,723	1,864	36	20	0	1
DOUGLAS	5,075	3,925	161,226	169	17	11	0	1
DOUGLAS-FRANKLIN	36,895	36,895	470,484	205	26	20	0	0
EDWARDS	23,815	3,932	286,848	330	9	5	0	0
ELK	91,514	16,541	868,298	775	46	30	4	3
ELLIS	779,933	298,610	8,036,678	5,205	167	76	3	0
ELLIS-ROOKS	98,351	98,351	1,499,311	352	17	14	0	1
ELLIS-RUSSELL	67,018	67,018	655,858	450	15	7	0	0
ELLSWORTH	15,914	11,618	191,910	510	5	2	0	0
FINNEY	71,811	27,088	274,632	1,645	19	7	0	0
FINNEY-HASKELL	902,645	0	487,718	0	0	6	0	---
FRANKLIN	51,244	48,279	1,606,389	855	243	307	5	2
GOVE	35,940	35,940	83,015	160	5	3	5	1
GRAHAM	1,162,189	980,725	13,551,048	12,294	281	128	0	0
GRAHAM-TREGO	38,915	38,915	927,370	450	15	4	0	0
GREENWOOD	1,470,688	1,044,992	25,621,369	18,406	813	396	27	5
HARPER	11,600	0	173,429	250	0	2	2	0
HARVEY	462,617	352,679	12,471,378	3,404	128	57	0	0
HARVEY-McPHERSON	103,406	103,406	2,580,721	1,310	15	3	1	0
HODGEMAN	221,578	92,387	1,547,367	1,800	23	8	0	0
JACKSON	2,000	1,000	36,000	---	1	1	0	0
JOHNSON	12,700	7,000	43,000	200	3	6	1	0
KINGMAN	1,411,102	22,053	1,415,453	2,430	26	9	0	0
KINGMAN-PRATT	40,374	40,374	856,834	800	13	10	0	0
KINGMAN-SEDGWICK	24,191	0	0	0	0	0	0	0
KIOWA	87,742	0	126,910	1,280	8	11	0	0
LABETTE	34,761	32,449	791,339	1,092	148	50	2	2
LABETTE-MONTGOMERY	4,500	1,500	36,000	40	4	1	0	0
LINN	35,613	34,823	2,721,047	575	188	171	0	0
LINN-MIAMI	7,187	7,187	34,790	40	14	13	0	0
LYON	29,274	16,890	136,600	750	14	5	5	0
McPHERSON	421,375	153,951	8,729,642	4,505	132	57	1	0
McPHERSON-MARION	28,856	920	250,740	60	4	6	0	0
McPHERSON-SALINE	10,647	0	131,400	240	4	1	0	0
MARION	22,569	8,027	376,694	1,310	16	6	0	0
MEADE	275,435	254,343	1,672,154	2,359	26	14	0	0
MIAMI	78,939	72,330	2,452,243	1,502	327	199	6	2
MONTGOMERY	110,844	77,798	1,323,244	2,474	222	151	20	11
MORTON	1,590,709	949,198	8,558,601	11,720	79	19	0	2
NEOSHO	178,153	169,034	2,416,467	1,949	402	300	1	0
NESS	101,943	23,871	874,615	860	14	7	0	0
NORTON	13,801	0	440,620	320	9	1	0	0
PAWNEE	177,611	86,200	2,997,379	3,112	62	25	0	0
PHILLIPS	696,645	515,992	3,012,244	8,235	178	71	3	2
PRATT	897,665	688,027	7,182,327	5,927	82	46	6	0
RAWLINS	77,914	0	32,348	440	4	2	4	1
RENO	262,998	119,968	5,111,940	3,810	73	34	2	1
RENO-RICE	12,866	6,433	45,024	400	8	2	0	0
RENO-STAFFORD	25,916	25,916	15,335,126	1,420	10	10	1	3
RICE	3,374,091	1,984,253	10,683,532	14,013	312	121	3	3
ROOKS	1,262,979	945,116	11,376,715	12,265	256	115	1	1
RUSH	3,402	3,402	54,750	150	2	0	1	---
RUSSELL	3,870,541	2,991,961	42,240,710	21,160	757	358	8	8
SALINE	95,558	58,937	1,042,684	2,204	25	13	0	3
SEDGWICK	908,857	835,921	11,229,396	2,654	98	81	0	0
SEWARD-STEVENS	184,451	184,451	24,641	---	6	4	0	0
SHERIDAN	197,241	191,660	3,258,370	1,594	34	16	1	0
STAFFORD	726,011	519,808	5,847,906	6,211	154	72	1	0
SUMNER	1,155,660	697,159	15,069,987	8,492	177	118	0	0
TREGO	109,892	79,503	907,969	1,790	31	13	0	1
WABAUNSEE	5,218	2,545	98,736	97	2	2	0	1
WILSON	245,412	112,099	2,997,365	2,176	286	196	0	0
WOODSON	521,524	355,545	6,251,386	6,383	421	222	8	2



COUNTY SUMMARY OF 1968 SECONDARY RECOVERY AND PRESSURE MAINTENANCE PROJECTS IN KANSAS\* (Concluded)

1968 TOTALS	32,423,923	20,292,810	354,392,124	244,676	10,374	5,983	198	100
1967 TOTALS <sup>†</sup>	32,366,394	19,324,007	355,039,930	249,458	11,313	6,693	242	165
1966 TOTALS <sup>#</sup>	30,217,329	18,118,987	326,056,667	233,257	10,684	6,695	323	198
1965 TOTALS <sup>§</sup>	28,650,360	18,992,116	310,929,717	222,460	10,749	6,860	576	348

\*Includes data from late questionnaires

<sup>†</sup>NOTE: From fields having secondary recovery or pressure maintenance projects only; excludes primary oil production from other fields.

<sup>‡</sup>From Special Distribution Publication 36

<sup>#</sup>From Special Distribution Publication 32

<sup>§</sup>From Special Distribution Publication 30

ABBREVIATIONS AND SYMBOLS

OIL PRODUCING ZONE OR SOURCE OF INJECTED WATER

Arbuc	= Arbuckle Group	Miss Dol	= "Mississippian Dolomite"
Bartl	= "Bartlesville Sand"	Penn Congl	= "Pennsylvanian Conglomerate"
Basal Penn	= "Basal Pennsylvanian"	Penn Sd	= Pennsylvanian Sand
Congl Sd	= "Conglomerate Sand"	Platt	= Plattsmouth Lime
Fresh	= Unnamed Fresh Water Source	Pleist	= Pleistocene
KC	= Kansas City Group	Prod	= Produced Water
Lans	= Lansing Group	Salt Sd	= Unnamed Salt Water Sand
Lans KC or L-KC	= Lansing-Kansas City Group	Sh Grav	= Unnamed Shallow Gravel
Maquo Dol	= Maquoketa Dolomite	Sh Sd	= Unnamed Shallow Sand
Miss	= Mississippian System	Simp	= Simpson Sand
Miss Chat	= "Mississippian Chat"	Surface	= Surface Water Source
Miss Congl	= "Mississippian Conglomerate"	White Cld.	= White Cloud

PRINCIPAL OIL PRODUCTION MECHANISM BEFORE SECONDARY RECOVERY OR REPRESSURING EFFORT

Wat	= Water Drive
S Gas	= Solution Gas Drive
Gas Exp	= Gas Expansion (or gas cap) Drive
Grav	= Gravity Drainage
Comb.	= Combination of production mechanisms not specifically designated

SYMBOLS

*	= Additional information (†,‡,§; other information--same project)
+	= Symbol meaning and
0	= No water or gas injected; no oil, water or gas produced
?	= Questionable answer
---	= No answers

PATTERN OF INJECTION WELLS

Line	= Line-drive
Peri.	= Peripheral or perimeter
Irreg.	= Irregular or random

TYPE OF INJECTED WATER

F	= Fresh
T	= Treated Brine
U	= Untreated Brine
M	= Mixture of Fresh and Brine

AVERAGE WELL-HEAD INJECTION PRESSURE

Vac.	= Vacuum
Grav.	= Gravity

TYPE OF PROJECT

(W)	= Controlled Waterflood
(P)	= Pressure Maintenance
(D)	= Dump Flood
(S)	= Steam Project
(A)	= Air Project
(F)	= Fire Flood Project
(-)	= No Answer
SWD	= Salt Water Disposal

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