



**SECONDARY RECOVERY AND
PRESSURE MAINTENANCE
OPERATIONS IN**

KANSAS 1967

STATE GEOLOGICAL SURVEY

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By Robert L. Dilts for

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SECONDARY RECOVERY AND PRESSURE MAINTENANCE PROJECTS IN KANSAS DURING 1967

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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 1967 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 PAGES 68 & 69.

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 Miss Patricia Wait for the typing of the data into publication form.

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.	
ALLEN COUNTY																
1		Alco Drlg. Co., Inc.	(W)Nelson Block	13563	C. Nelson, Schober-Venstron	20-26-21E	30	0	Bartl	680	15	2	0	0	0	1967
2		Alco Drlg. Co., Inc.	(W)Nelson Block	13657	Conrad Jackson	20-26-21E	20	0	Bartl	680	15	0	0	7	0	1967
3	Bronson-Xenia	Richard W. Booth & G.K. Woods	(W)Booth	13452	Richard W. Booth	18-25-21E	10	0	Bartl	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	Bartl	800	20	14	5	3	0	1962
5	Bronson-Xenia	Colt Oil Company, Inc.	(W)KBC-KBN	3091	Grubaugh, Harvey, Isenhart-Hickson, Johnson, Lamb, Lent-Hullum, Moore-Davidson, Morrison, Newton-Wright, North Holeman, Smith-Lundberg, Stewart-Holeman, Zimmerman	22,27,28,33,34-24-21E	370	0	Bartl	750	20	92	129	29	0	1951
6	Bronson-Xenia	Standard Metals Corp.	(W)Elsmore	11015	Anderson, Bradford, Broughton, Brown, Furman, Ludlum, McClimans, Munson, Nelson, Newby, Perry, Sisson, Weisdorfer, Young	21,22,28,29,32-25-21E	81	0	Bartl	700	12	16	18	0	0	1958
7	Elsmore	APCO Oil Corporation	(W)Elsmore	8152	Pavlicek-Perry "A", Perry "B"	27,34-25-21E	75	0	Bartl	700	30	29	4	0	0	1960
8	Elsmore West	Robert T. Hansen	(W)Seastedt*	2992	Seastedt	32-25-21E	---	---	---	---	---	---	---	---	---	---
9	Humboldt-Chanute	F. Merton Jeanes	(W)Grassroots Pet.	3183 2698 596	Armel, Campbell, Grother, Hamm, McKinley, Mathias, Middendorf, Morris, Shultz, Trabue, Wadley, Wilson-Dickerson, D. Work, R.L. Work	4,5,7,8,19,20,29,32-26-18E	488	0	Bartl	750	20	237	0	4	0	1950
10	Humboldt-Chanute	Jones & Campbell, Inc.	(W)Monarch	8170	Monarch	9-26-18E	45	0	Bartl	780	8	14	0	1	0	1961
11	Humboldt-Chanute	K-K Drilling Co.	(W)Dimond-Sheldon	3491	Dimond, Sheldon	16-26-19E	140	0	Bartl	750	7	15	6	0	0	1953
12	Humboldt-Chanute	K-K Drilling Co.	(W)Henrichs	1858	Henrichs, Henrichs "A", "B"	22,23,26,27-26-18E	180	0	Bartl	800	20	35	13	0	0	1956
13	Humboldt-Chanute	Kachina Production Co.	(W)Humboldt Unit	207	Adams Unit, Dietrich, Pens, Puckett	16,21,22-26-18E	---	?	Bartl	770 800 20	15 20	0 0	0	1	191	?
14	Humboldt-Chanute	Riss & Company, Inc.	(W)Strack	8388	Nellie Drollinger, Albert Lassman, McCormick, Henry Roehl, Harold Whitaker, Gus Wolf	35-26-18E	40	5	Bartl	825	20	2	0	0	0	1963
15	Humboldt-Chanute	Speller & Moore	(W)Humboldt	11139 7586	Nellie Drollinger, Albert Lassman, McCormick, Henry Roehl, Harold Whitaker, Gus Wolf	16,17,20-26-19E	200	200	Bartl	865	5	25	25	2	0	1965
16	Humboldt-Chanute	C.A. Willis & Roy Willis	(P)Heavy Oil	6370* 5717	Hoepker, Krouse, McKaska, Yount	25,36-26-18E	60	---	Bartl	825	15	10	10	0	---	1953
17	Humboldt-Chanute	C.A. Willis & Roy Willis	(P)Townsend	10579	Townsend	31-26-19E	20	---	Bartl	830	10	8	1	0	0	1963
18	Iola	Marin E. Boyer Oil Co.	(W)Unit #1	7095	Brown, Helman, Wright	33,34-23-18E; 4-24-18E	100	0	Squirrel	808	12	19	0	0	19	1960
19	Iola	Royal Oil & Gas Corp.	(D)Charlotte Hobbs	3246	Charlotte Hobbs	9-24-18E	---	0	Bartl	956	10	?	?	0	0	1952
20	Iola	Sohio Petroleum Company	(F)Carlyle	9089 9017	T. Bowlus B, Brubaker, Cross, Green, Gregg, Howland A, Howland B, Javaux, Mealy, Riggs, Sutherland, Thornton, L. Wiggins A, Wiggins B, Zimmerman	3,4,9,10,11,15-24-18E	14	5	Bartl	850	40	12	3	0	1	1963
21	Iola	The Star Producers, Inc.	(W)Lorance	6633	Lorance	21-24-18E	10	0	Squirrel	668	9	2	3	0	0	1962
22	Moran	Marvin E. Boyer Oil Co.	(W)LaHarpe Unit #2	10334	Coltrane, Foust, Jones, Knox, Wade, Wolfe	23,24-25-19E	50	0	Bartl	860	10	20	0	4	0	1963
23	Moran	Colt Oil Company, Inc.	(W)Moran Group	9952	Bowen	35-24-20E	25	0	Bartl	800	15	8	0	0	0	1963
24	Moran	Wheeler Oil Co.	(W)Moran	9176 6029	Apt, Krieger, Seber, Weatherbie, Winslow	34,35-24-20E	253	0	Bartl	825	12	67	0	6	0	1958
25	Moran	Wheeler Oil Co.	(W)Talbott	9176	Hawkins, Sager, Talbott	33-24-20E	100	0	Bartl	850	12	35	0	0	0	1966
26	Neosho Falls-LeRoy	Don A. Canady	(D)Geneva	13321	Don A. Canady, Holtz, Mentzer	26-23-17E	10	80	Miss	1,197	20	2	---	0	0	1967
27	Savonburg	Walter Duncan, Inc.	(W)Walquist	11082	Walquist	32-26-21E	100	0	Bartl	670	30	8	2	0	0	1964
28	Savonburg	Standard Metals Corp.	(W)Savonburg	11361	Lowe, Nelson, Shirley	28,29-26-21E	55	0	Bartl	670	13	16	0	0	0	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 1967			To End of 1967		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	5	0	0	0	Irreg.	400	30	Prod + Arbuc	1,600	T	S Gas	10/1	31	---	3,480	1,754	28,219	1,754	28,219	
2	1	2	2	0	Irreg.	200	30	Prod + Arbuc	1,600	T	S Gas	1/1	30	---	2,236	0	150	0	150	
3	1	0	0	0	5-spot + Line	120	60	Prod + Miss	1,020	U	S Gas	25/75	21	533	400	0	5,120	0	5,120	
4	14	10	2	0	5-spot	330	30	Prod + Miss	1,300	T	Grav	100/0	26	?	8,575	8,575	107,871	56,132	588,598	
5	94	145	17	0	Line	450	41	Prod + Miss	1,200	T	Grav	100/0	30	?	296,477	296,477	1,563,061	2,167,989	18,954,223	
6	20	5	0	0	Irreg.	547	39	Prod + Miss	900	T	S Gas	?	30	?	7,933	6,941	283,886	81,775	1,803,718	
7	17	2	0	0	Irreg.	501	58	Prod + Arbuc	1,800	U	S Gas	?	31	?	13,101	13,101	357,706	172,944	2,984,651	
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Inactive at present
9	165	20	0	0	Irreg.	600	20	Prod + Neosho River	---	M	S Gas	---	29	80	36,771	36,771	970,000	942,463	21,970,000	
10	6	2	0	0	Irreg.	400	31	Prod + Oswego	500	M	S Gas	20/80	31	?	5,410	5,410	67,339	47,148	443,000	
11	6	7	0	0	Irreg.	550	31	Prod + Arbuc	1,140	M	S Gas	---	33	---	4,305	4,305	67,685	157,300	1,068,000	
12	12	10	0	0	5-spot	750	56	Prod + Arbuc	1,380	M	S Gas	---	30	---	11,198	11,198	245,698	151,200	2,500,000	
13	?	?	---	---	Irreg.	?	?	Prod + Miss	912	U	Gas Exp + Grav	---	29	?	1,950	?	?	495,545	?	
14	0	2	0	0	5-spot	350	25	Prod + Oswego	325	U	S Gas	60/40	29	?	703	703	18,250	?	?	
15	41	7	0	0	5-spot	700	30	Prod + KC	120	U	S Gas	---	34	7	40,100	28,070	385,000	?	?	
16	8	9	0	9	Irreg.	500	15	Prod + Oswego	450	U	Grav	1/0	23	---	1,652	1,332	20,000	166,150	660,000	*5716
17	8	0	0	0	Irreg.	400	15	Prod + Oswego	450	U	Grav	1/2	33	---	2,580	2,580	25,000	23,184	155,000	
18	3	0	0	5	5-spot	340	40	Prod + Salt Sd	1,067	T	Grav	90/10	31	---	6,522	6,522	96,618	205,476	1,403,647	
19	1	0	0	---	Irreg.	135	95	Prod	---	U	Wat + *	---	19	?	11,696	?	34,675	?	302,534	*S Gas
20	5	0	0	0	7-spot	400	500	Prod	---	T	Wat + S Gas	50/50	22	600	14,600	14,600	177,000 [†]	66,087	698,000 [†]	*400cf; †444,000mcf; ‡2,176,000mcf
21	1	1	0	0	5-spot	120	18	River Gravel	20	F	Grav	90/10	33	---	2,000	1,000	6,000	2,000	29,000	
22	16	0	6	0	5-spot	391	17	Prod + Miss	1,010	T	Grav	98/2	25	---	35,218	35,218	100,107	112,786	328,430	
23	6	0	1	0	5-spot	500	51	Prod + Miss	960	T	Grav	1/0	22	?	9,837	9,837	111,675	43,910	471,948	
24	55	0	5	0	5-spot	600	13	Miss	1,100	T	Grav	3/1	22	350	123,688	123,688	255,000	465,688	1,218,302	
25	26	0	0	0	5-spot	800	11	Miss	1,100	T	Grav	3/1	20	?	28,474	28,474	107,075	43,474	152,075	*1,860
26	1	0	0	0	Irreg. Grav.	21	21	Prod	---	U	S Gas	?	36	?	2,200	0	7,300	0	6,000	
27	8	0	0	0	Line	666	74	Prod + Miss	905	F	S Gas	---	33	?	16,817	16,817	212,885	37,646	695,417	
28	17	0	0	0	Line	478	51	Prod + Roubidoux	1,610	T	S Gas	?	31	13	22,703	22,703	315,075	70,758	814,529	

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.	
ALLEN-ANDERSON COUNTIES																
29	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, Webber	8,9,16,22,27,34-23-18E;3-24-18E	240	0	Squirrel	850	15	105	14	2	0	1955
ALLEN-BOURBON COUNTIES																
30	Davis-Bronson	Colt Oil Company, Inc.	(*)McIntye-Travis		† Depoy, Donivan, 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																
31	Humboldt-Chanute	K-K Drilling Company	(W)K-T Unit	4919	Butler-Aldrich, L.D. Butler, Darby, Dickerson, Ingram, Stewart, Swartz, Zeiner	32,33-26-18E;4-27-18E	205	0	Bartl	750	20	70	13	0	0	1956
32	Humboldt-Chanute	Standard Metals Corp.	(W)MFA Project	11183	Braucher, Davis, Francis-Yount, Hayworth, McCune	36-26-18E;31-26-19E;1-27-18E	171	79	Bartl	810	7	16	23	0	0	1959
33	Humboldt-Chanute	C.A. Willis & Roy Willis	(P)Seefeldt	4444	Seefeldt	34-26-18E;3-27-18E	20	---	Bartl	760	30	2	1	0	0	1955
ANDERSON COUNTY																
34	Bush City Shoestring	W.M. Dary	(W)Dary Unit*	12935	Kenneth L. Aldrich, Alva Kline	17,20-21-21E	20	---	Squirrel	610	10	5	0	0	1	1966
35	Bush City Shoestring	Kewanee Oil Company	(W)Dengo	1111 852	Bandy, Brownrigg, Cleveland, Daniel, Jackson, Kretchmer, Little, McCrabb, Oko, Victor, Woods	28,33-20-21E;4-21-21E	346	17	Squirrel	614	15	129	5	1	0	1944
36	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
37	Bush City Shoestring	Marmon Oil Company	(P)C & L Group	3177	Badders, Croan, Gadelman, Hydorn, Roselle, Webber	8-21-21E	319	0	Squirrel	620	30	145	0	0	0	1941
38	Bush City Shoestring	Marmon Oil Company	(P)Reed Group	3151	Babb-Crojier, Cochran-Dennis, Diedle, Ewing, Farlow, Mulkey, Odaffer	13-21-20E	667	0	Squirrel	620	30	280	0	0	0	1939
39	Bush City Shoestring	Salmon Corporation	(-)East & West OKO	3098	Doering, Herman, Hunley, S.P. Johnson, Chas. Melcher, Class Melcher, Pugsley, Ware, Weiss, Willson	7,8,15,16-21-20E	424	0	Squirrel	800	30	129	0	3	0	1951
40	Colony-Welda	Brecheisen Oil	(W)R.W. Brecheisen	6436		35-21-19E	20	0	Squirrel	800	20	3	0	1	0	1958
41	Colony-Welda	Brecheisen Oil	(W)Buchanan & Settle	9179		2-22-19E	30	0	Squirrel	810	20	7	1	0	1	1962
42	Colony-Welda	Brecheisen Oil	(W)Summers-Cameron	6421		34,35-21-19E	50	0	Squirrel	---	---	11	0	3	0	1958
43	Colony-Welda	C-W Oil Company, Inc.	(W)Kellstadt	11524	Kelstadt	27-21-19E	0	0	Squirrel	900	23	0	---	0	0	---
44	Colony-Welda	C-W Oil Company, Inc.	(W)Welda	8635	Buchanan	9-22-19E	0	0	Squirrel	900	17	0	0	0	0	---
45	Colony-Welda	J.W. Peery	(P)	11406	Kattrnhorn, Kellstadt	27,34-21-19E	80	0	Squirrel	830	25	16	0	2	2	1959
46	Colony-Welda	Russell Operating Company	(W)Martin & Strain	10781	Martin, Strain	4,9-22-19E	40	0	Squirrel	800	21	6	0	0	0	1964
47	Colony-Welda	Russell Operating Company	(W)Unit #1	11165	Unit #1	21,22,27,28,33-22-19E	320	0	Squirrel	800	15	83	3	0	0	1948
48	Colony-Welda	Russell Operating Company	(W)Unit #2	4389	Unit #2	28,29,32,33-22-19E	116	0	Squirrel	800	16	20	0	0	0	1955
49	Colony-Welda	Russell Operating Company	(W)Unit #3	5363	Unit #3	2,3-22-19E	146	0	Squirrel	800	19	14	7	0	0	1957
50	Colony-Welda	Russell Operating Company	(W)Charles M. Hill	10327	Charles M. Hill	25-22-17E	16	0	Squirrel	885	15	3	2	0	0	1963
51	Colony West	Russell Operating Company	(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	53	3	4	0	1961
52	Garnett Shoestring	Caldwell	(P)Caldwell	7361	Caldwell	32-20-20E	30	0	---	660	20	13	0	0	0	1959
53	Garnett West	C.C. Stevens Drilling Co.	(D)O.R. White, L. Hermreck, V. Macklin, R.C. White	12120	L. Hermreck, V. Macklin, O.R. White, R.C. White	25,26-20-19E	210	0	Peru	600	12	4	0	0	0	1965
54	Selma	Colt Oil Company, Inc.	(*)Selma	581	Cochran, Monroe, Steel	4,9-22-21E	0	0	Bartl	850	17	0	0	0	0	---
55	Selma	Russell Petroleum Company	(W)Vernon Croan	13952	Vernon Croan	21-21-21E	10	0	Bartl	650	12	0	3	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 1967			To End of 1967		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,	
29	90	40	0	0	Line	450	16	Prod + Miss	1,550	T	Comb	1/0	32	?	47,700	45,315	419,862	1,203,204	6,034,212	
30	0	0	0	0	Line	0	0	Prod + Miss	950	T	Grav	1/0	29	?	917	0	0	455,983	8,326,899	*Inactive water flood †37-01-02 A
31	42	16	0	0	5-spot	700	44	Prod + Miss	1,100	M	S Gas	---	30	---	16,294	16,294	679,170	515,300	9,635,000	
32	11	7	0	0	Irreg.	590	40	Prod + Miss	1,010	T	S Gas	?	32	?	7,982	7,982	160,828	156,601	1,269,287	
33	4	0	0	0	Irreg.	400	15	Oswego	525	U	Grav	2/1	32	---	1,077	1,077	10,000	26,466	115,000	
34	5	0	0	0	5-spot	380	20	Squirrel	610	U	Grav	20/80	31	?	666	0	3,650	0	3,650	*Discontinued Feb. 1967
35	111	2	0	0	5-spot	750	7	Prod + Miss	1,451	T	S Gas	?	36	?	26,895	26,895	293,031	1,315,576	7,261,041	*6.3 @ 75°
36	1	0	0	0	Irreg.	750	8	Prod + Miss	1,451	T	S Gas	?	38	?	1,098	1,098	2,929	?	62,382	
37	114	25	0	0	5-spot	700	30	Prod + Arbuc	1,431	M	Gas Exp	?	34	?	8,874	8,874	555,749	1,128,834	24,357,629	
38	219	0	0	0	5-spot	750	25	Prod + Arbuc	1,430	T	Gas Exp	?	35	?	22,295	22,295	1,045,399	1,256,040	35,383,526	
39	114	8	3*	0	5-spot	850	14	Prod + Arbuc + Miss	1,625	T	S Gas	?	36	?	59,766	59,766	567,236	1,371,180	14,860,870	*Converted
40	4	0	0	0	5-spot	700	30	Prod + 400 Ft Shale	805	T	S Gas	?	34	?	2,479	1,100	44,440	?	230,640	
41	4	0	0	0	5-spot	600	16	Prod + 400 Ft Shale	410	T	S Gas	?	35	?	4,494	4,494	29,200	?	168,820	
42	8	0	0	0	5-spot	700	18	Prod + 400 Ft Shale	400	T	S Gas	?	35	?	5,043	4,000	58,400	?	303,150	
43	---	---	---	---	5-spot	---	---	Prod + Ft Scott	700	T	Grav	1/0	34	?	1,904	0	0	0	0	*Future
44	0	0	0	0	---	0	0	Prod + Ft Scott	700	T	Grav	1/0	34	?	412	0	0	0	0	*Future
45	7	0	0	0	Irreg.	400	200	Prod + Oswego	400	T	S Gas	?	34	?	7,300	?	200	7,500	72,000	*6699
46	6	0	2	0	5-spot	392	73	Prod + Oswego	700	T	S Gas	1/0	36	7.5	3,720	3,720	84,604	3,720	117,707	
47	35	3	0	0	5-spot	592	44	Prod + Miss	1,200	T	S Gas	1/0	33	13	16,521	16,521	622,305	571,590	6,181,817	
48	14	1	0	0	5-spot	640	69	Prod + Miss	1,200	T	S Gas	1/0	33	13	7,050	7,050	322,418	180,843	2,130,225	
49	10	15	0	0	5-spot	682	21	Prod + Miss	1,200	T	S Gas	1/0	36	7.5	4,236	4,236	67,070	57,816	2,301,116	
50	0	7	0	0	5-spot	0	0	Prod + Hertha	500	T	S Gas	1/0	27	38	166	166	0	2,166	87,600	
51	47	3	3	0	Line	600	44	Prod + Salt Sd	1,100	T	S Gas	1/0	30	38	41,889	41,889	504,655	235,402	2,683,554	
52	5	0	0	0	Irreg.	0	35	Prod	660	U	S Gas	?	36	?	5,891	5,891	62,050	58,451	558,450	
53	1	0	0	0	Irreg.	250	3	Prod	---	U	Wat + Grav	1/4	32	---	1,248	624	3,600	1,500	8,500	
54	0	0	0	0	Line	0	0	Prod + Miss	1,100	T	Gas Exp	1/0	26	?	110	0	0	263,780	985,000	Inactive
55	3	0	6	0	5-spot	60	35	Prod + Surface	---	F	S Gas	1/0	32	8	85	85	2,515	85	2,515	

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.	
BARBER COUNTY																
56	Bloom	American Petrofina Com- pany of Texas	(D)Bloom	5362	Bloom	23-32-12W	20	20	Miss	4,321	17	1	0	0	0	1957
57	Highway	Aylward Drilling Company	(P)Gilbert	6939	Stone	23-32-11W	80	80	Snyderville	3,586	6	2	0	0	0	1959
58	Palmer	Livingston Oil Company	(-)Elsea*	9524	Elsea	25-32-14W	0	---	---	---	---	---	---	---	---	---
59	Rhodes	Barbara Oil Company	(W)Rhodes	10266	Newkirk, Page A, Page B, Page C, Page D	15,16,21,22-33-11W	1,853	---	Miss	4,550	20	17	23	0	3*	1962
60	Rhodes	Clinton Oil Company	(W)Rhodes Miss Wfd	9123 6584	C.M. Cavin, C.M. Cavin "A", J.E. Lasswell, W.A. Newkirk	19,20,29-33-11W	820	160	Miss	4,433	10	18	3	0	0	1958
61	Rhodes	Gulf Oil Corporation	(W)W.A. Newkirk	10102	W.A. Newkirk	17-33-11W	160	0	Miss	4,450	---	9	0	0	0	1963
BARTON COUNTY																
62	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
63	Barrett	Leben Drilling, Inc.	(W)Fleming	6928	Fleming	36-16-14W	160	160	Lans-KC	3,225	1	2	0	0	0	1959
64	Beaver	David A. Bartlett	(P)Feltes & H. Luerman	11244 2259	N. Feltes, H. Luerman	8-16-12W	50	0	Lans	3,050	8	2	0	0	0	---
65	Beaver	Nat. Coop. Ref. Assn.	(W)Ehly	12352	Ehly	15-16-12W	40	40	Lans	3,077	15	1	0	0	1	1965
66	Beaver	Nat. Coop. Ref. Assn.	(W)N.J. Weber "B"	10665	Christians, N.J. Weber "B"	10-16-12W	30	0	Lans	3,044	15	4	0	0	1	1964
67	Beaver	Sunray DX Oil Company	(W)Kultgen	6397	Kultgen, Turgeon	9,16-16-12W	15	25	Gorham	3,340	12	2	0	0	0	1958
68	Beaver South	Shields Oil Producers, Inc.	(W)Feltes-Jenisch*	11227	Feltes, Jenisch	34-16-12W	160	160	KC	3,060	30	3	0	0	2	1965
69	Bend	Leo J. Dreiling Oil Co.	(D)Bend	13092	Christiansen, Parrish, Welsh	11,12,13-20-13W	360	---	Lans-KC	3,200	120	3	0	0	0	1966
70	Bloomer	Skelly Oil Company	(-)J.B. Bloomer*	8475	J.B. Bloomer	36-17-11W	---	---	Lans-KC	2,961	30	---	---	---	---	---
71	Bottoms	CRA, Inc.	(D)Zink	8376	Zink	35-18-12W	10	0	Lans-KC	3,130	10	0	0	0	0	1961
72	Carroll	CRA, Inc.	(P)Meitner	7810	Meitner "A"	28-17-14W	50	0	Lans-KC	3,100	6	2	0	0	0	1960
73	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
74	Chase-Silica	Nat. Coop. Ref. Assn.	(W)Langfeld	12709	Langfeld	14-20-11W	80	0	Douglas	2,960	8	3	0	0	0	1966
75	Chase-Silica	Okmar Oil Company	(W)Burmeister	11715	Burmeister, Isern "A", Isern "B"	25,26-19-11W	40	0	Lans-KC	3,080	7	3	0	0	0	1966
76	Chase-Silica	Petroleum, Inc.	(W)Kowalsky Arbuc Pilot Flood	13576	Dannebohm	36-20-12W	160	---	Arbuc	3,384	9	0	0	0	0	1967
77	Cheyenne	Morris Sitrin, Inc.	(P)Weikert	11995	Weikert	2-19-12W	160	0	Lans-KC	3,108	60	5	0	0	0	1965
78	Cheyenne View	Aladdin Petroleum Corp.	(P)Ahrens	5532	Ahrens	11-19-12W	70	0	KC	3,120	20	5	0	0	0	1957
79	Cheyenne View	Aladdin Petroleum Corp.	(P)Brodie	11374	Brodie	23-19-12W	80	0	KC	3,085	65	13	0	0	0	1964
80	Cheyenne View	Aladdin Petroleum Corp.	(P)Kultgen "B"	5719	Kultgen "B"	11-19-12W	80	0	KC	3,100	10	1	0	0	0	1957
81	Cheyenne View	Aladdin Petroleum Corp.	(P)Rinker "B"	5561	Rinker "B"	12-19-12W	160	0	KC	3,060	30	3	0	0	0	1959
82	Cheyenne View	Hannum Drlg. Co.	(P)	5387		23-19-12W	160	0	KC	3,280	64	8	8	0	0	1966
83	Cheyenne View	Kewanee Oil Company	(W)Milton-Pflugl	3980	Milton, Pflugl	14,15-19-12W	160	0	KC	3,144	260	4	0	0	0	1954
84	Cheyenne View	Monsanto Company	(W)Louis	7236*	Louis	12-19-12W	160	---	Lans-KC	3,100	10	3	1	0	0	1958
85	Cheyenne View	Monsanto Company	(W)Panning	10803*	Panning	11-19-12W	80	---	Lans-KC	3,100	10	1	2	0	0	1953
86	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
87	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
88	Demel	Helmerich & Payne, Inc.	(W)Demel	12410	Demel	6-17-11W	40	0	Lans	3,108	7	2	0	0	0	1966
89	Ellinwood North	American Petrofina Com- pany of Texas	(W)Schwamborn	8476	Schwamborn	28-19-11W	100	40	Lans-KC	3,065	12	6	0	0	0	1961
90	Ellinwood North	Bea Drilling Company	(D)Schartz "D"	9208	Schartz "D"	33-19-11W	20	0	Lans-KC	3,069	22	1	0	0	0	1962
91	Ellinwood North	Kewanee Oil Company	(W)Lanterman & Hartman	9555	Hartman, Lanterman A	27,28-19-11W	130	0	Lans-KC	3,056	250	3	3	0	0	1962
92	Ellinwood North	Pan American Petroleum Corporation	(W)N.J. Schartz	6777	N.J. Schartz	33-19-11W	40	0	Lans	3,060	5	2	0	0	0	1961
93	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
94	Finger	Earl Allen Oil Company	(D)Finger	11580	Finger	12-17-13W	20	---	Lans	3,200	8	0	0	0	0	1965
95	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
96	Fort Zarah	Monsanto Company	(D)Leosha	8458	Leosha	29-19-12W	80	---	Lans-KC	3,100	10	0	0	0	0	1961
97	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
98	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
99	Hammer	Livingston Oil Company	(W)Hammer	9812	Birzer, Hammer "A", Hammer "B", Johanning	35,36-19-12W	160	20	Lans-KC, "L" & "DE"	3,100	220	8	0	0	0	1963
100	Heizer Southwest	Clarence J. Mermis	(D)Hall	6983	Hall	28-19-14W	80	---	Lans-KC	3,379	5	1	0	0	0	1959
101	Hiss	Baruch-Foster Corporation	(W)McGreevy	12894	McGreevy	30-20-13W	0	80	Lans	3,290	20	0	0	0	0	1966
102	Hiss	Joe Brougher Oil Company	(W)Murphy	5970	L.L. Murphy	29-20-13W	80	?	KC	3,450	6	2	0	0	0	?
103	Hiss	Phillips Petroleum Co.	(W)McGreevy	13421	McGreevy	30-20-13W	0	?	Lans-KC	3,200	15	0	0	0	0	1967
104	Kimpler	Morgenstern Oil Operations	(W)Kimpler	13046*	Kimpler, Kimpler "C"	31-18-11W	80	---	Lans-KC	3,150	5	2	0	0	1	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 1967			To End of 1967		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,	
56	1	0	0	0	Irreg.	Vac.	41	Prod	---	T	S Gas	1/0	33	?	7,214	0	14,991	0	94,389	
57	1	0	0	0	Irreg.	Grav.	65	Prod	---	T	Gas Exp*	---	28	?	4,187	2,610	23,725	49,600	203,944	*Wat
58	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	*Inactive since Jan 1965
59	15	3	0	0	Peri.	1,817	1,280	Prod + Medicine Lodge River	14	M	Gas Exp	13/1	24	†	228,404	205,099	6,397,536	667,601	26,726,489†	†Temp abd; †4.7 @ 126°; †893,000mcf
60	9	0	0	0	Irreg.	1,928	217	Prod + Water Sand	20	M	S Gas	?	24	---	80,814	80,814	712,752	416,285	6,662,014	
61	4	0	1	0	Irreg.	2,000	847	Prod + Sand Point	25	M	S Gas	59/38	25	---	58,209	58,209	1,175,425	145,070	4,260,925	
62	1	0	0	0	Irreg.	0	161	Prod + Sh Sd	?	M	S Gas	100/0	43	---	33,022	7,783	58,686	14,777	139,973	
63	1	1	0	0	Irreg.	1,500	520	Prod	---	U	S Gas	---	39	---	156,855	3,240	108,000	7,600	954,000	
64	1	2	0	0	Irreg.	325	800	Prod	---	T	Wat	?	40	?	2,226*	1,113*	288,000*	---	---	*Nov & Dec only
65	1	0	0	1	Irreg.	870	212	Prod	---	U	S Gas	1/0	42	---	783	0	31,868	269	73,183	
66	1	0	0	0	Irreg.	158	395	Prod	---	U	S Gas	1/0	39	---	4,039	179	144,245	2,500	545,569	
67	1	1	0	0	Irreg.	775	623	Prod	---	U	S Gas	1/11	41	?	32,539	32,539	227,412	57,202	1,037,796	
68	2	0	0	2	Irreg.	650	137	Dakota-Cheyenne	350	T	S Gas	---	40	---	5,283	1,500	91,939	3,500	395,863	*Abandoned Nov 1967
69	1	0	0	0	Irreg.	0	300	Prod + Sand	20	M	S Gas	1/3	35	---	4,753	2,000	109,500	2,000	117,400	
70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	*Future
71	1	0	0	0	Irreg.	Vac.	130	Prod	---	U	S Gas	1/1	41	?	2,241	0	46,511	0	692,937	
72	1	0	0	0	Irreg.	600	670	Prod	---	T	S Gas	?	38	?	13,921	10,263	244,546	50,224	719,524	
73	1	0	0	0	Irreg.	617	370	Arbuc	3,322	U	S Gas	1/0	43	---	5,625	2,744	135,211	8,407	448,654	
74	1	0	0	0	Irreg.	1,295	81	Prod + Arbuc	3,280	U	S Gas	1/0	38	---	5,568	1,679	29,437	3,148	75,109	
75	1	0	0	0	Irreg.	0	225	Prod + Arbuc	3,300	U	S Gas	---	34	---	4,347	0	82,220	0	90,960	
76	1	0	0	0	Irreg.	0	573	Prod	---	T	Wat	2/19	41	---	21,611	0	52,748	0	52,748	
77	1	0	0	0	Irreg.	---	315	Prod	---	M	Grav	---	38	---	9,962	9,962	115,000	32,174	327,613	
78	2	0	0	0	Irreg.	200	500	Prod + Fresh	60	M	Wat	---	42	---	3,691	3,691	233,337	206,311	1,281,977	
79	2	0	0	0	Irreg.	400	250	Prod	---	U	Wat	---	38	---	11,351	11,351	92,980	42,065	311,470	
80	1	0	0	0	Irreg.	Vac.	205	Prod	---	U	Wat	---	38	---	1,438	1,438	78,050	105,568	545,455	
81	1	0	0	0	Irreg.	700	380	Prod	---	U	Wat	---	38	---	6,261	6,261	137,270	292,003	1,190,275	
82	1	1	0	0	3-spot	495	300	Prod + Fresh	110	M	S Gas	4/6	38	39	9,830	0	18,725	0	18,725	
83	3	1	0	0	Irreg.	100	119	Prod + Gravel	100	M	S Gas	26/7	43	?	6,157	6,157	130,733	187,801	2,333,227	
84	1	1	0	0	Irreg.	100	90	Prod	---	M	S Gas	11/4	41	---	2,383	0	32,850	187,591	713,522	*6618
85	1	3	0	0	Irreg.	0	20	Prod	---	U	S Gas	38/7	38	---	2,221	0	7,300	8,464	480,807	*9724; 7506; 3420
86	1	0	0	1	Irreg.	400	100	Prod	---	T	S Gas	1/5	39	---	3,559	3,559	36,505	41,236	400,555	
87	1	0	0	0	Irreg.	0	200	Prod + Dakota	300	U	S Gas	98/2	33	?	5,622	5,622	73,000	6,722	206,154	
88	1	0	0	0	Irreg.	Vac.	117	Prod	---	U	S Gas	10/63	38	?	2,899	1,395	42,554	2,465	75,546	
89	2	1	0	0	Peri.	0-588	467	Prod	---	T	---	1/0	42	---	10,110	3,877	332,917	21,142	1,564,908	
90	1	0	0	0	Line	750	222	Prod	---	U	S Gas	1/0	42	?	2,788	2,788	81,215	19,396	354,616	
91	1	0	0	0	Irreg.	450	818	Prod	---	T	S Gas	?	40	?	6,762	6,762	298,601	86,246	1,760,927	
92	1	0	0	0	Irreg.	0	157	Prod	---	U	S Gas	1/1	38	---	6,406	1,766	57,314	37,225	589,624	
93	1	0	0	0	Irreg.	15	30	Prod	---	U	S Gas	23/13	40	---	5,070	0	10,950	0	98,436	
94	1	0	0	0	Irreg.	0	200	Prod	---	U	S Gas	5/5	40	---	5,539	0	73,000	0	112,500	
95	1	0	0	0	Irreg.	60	67	Prod + Water Sand	20	M	S Gas	---	41	---	5,725	2,000	24,622	9,650	86,622	
96	0	1	0	0	Irreg.	Vac.	0	Prod	---	F	S Gas	4/78	39	---	5,068	0	0	0	194,880	
97	1	0	0	0	Irreg.	Vac.	150	Prod + Dakota	280	M	S Gas	1/0	41	3.6	3,836	966	31,406	966	31,406	
98	1	0	0	0	Irreg.	---	140	Prod	---	U	S Gas	---	34	---	13,868	3,500	58,500	46,845	1,268,100	
99	4	0	0	0	Irreg.	496	185	Fresh	50	F	S Gas	6/55	40	---	79,311	32,319	357,615	122,533	1,418,215	
100	1	0	0	0	Line	0	80	Prod	---	U	S Gas	?	38	---	1,633	?	80	?	24,000	
101	1	0	0	0	Irreg.	Vac.	20	Prod	---	U	S Gas	15/18	34	?	4,853	0	8,400	0	11,200	
102	1	1	0	0	Line	850	200	Prod + Fresh	40	M	S Gas	?	39	---	?	?	72,000	?	?	
103	1	0	0	0	Irreg.	0	14	Prod	---	U	S Gas	1/3	33	12	2,356	0	3,955	0	3,955	
104	1	0	0	1	Irreg.	400	200	Prod	---	T	S Gas	?	40	---	7,315	7,315	73,000	52,400	272,785	*8421

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.																
105	Klepper	Graybol Oil Corporation	(W)Klepper	11500	Birzer, Klepper "B", Klepper "C", Myers, Sams	2,3,10,11-19-11W	20	0	Lans-KC	3,200	14	2	1	0	0	1965
106	Klepper	C.L. Hanes	(D)Klepper	10802	Klepper	2-19-11W	20	0	KC	3,040	5	1	0	0	0	1964
107	Kraft-Prusa	Colorado Oil Company	(W)Esfeld	9560	Esfeld	29-16-11W	160	0	Douglas	2,960	15	6	0	0	0	1963
108	Kraft-Prusa	Gulf Oil Corporation	(W)Joseph	12275	Joseph	29-16-11W	160	0	Douglas	2,995	---	9	0	0	0	1966
109	Kraft-Prusa	Nat. Coop. Ref. Assn.	(W)Dolechek	9163	Dolechek	24-16-12W	40	0	Gorham	3,339	20	4	0	0	0	1962
110	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	1959
111	Kraft-Prusa	Nat. Coop. Ref. Assn.	(W)Joseph	8334	Joseph	32-16-11W	30	30	Douglas	3,002	8	0	0	0	0	1961
112	Kraft-Prusa	Nat. Coop. Ref. Assn.	(W)Morgan "B"	11293	Morgan "B"	22-16-12W	40	0	Lans	3,188	8	4	0	0	0	1965
113	Kraft-Prusa	Nat. Coop. Ref. Assn.	(W)Ney	11520	Ney	17-16-11W	40	0	Lans	2,992	90	1	0	0	0	1965
114	Kraft-Prusa	Nat. Coop. Ref. Assn.	(W)Schneweis	12483	Schneweis	5-17-11W	20	0	Lans	3,070	18	2	0	0	0	1966
115	Kraft-Prusa	Nat. Coop. Ref. Assn.	(W)Valenta	9177	Valenta	31-16-11W	10	0	Douglas	2,976	8	2	0	0	0	1962
116	Kraft-Prusa	Morris Sitrin, Inc.	(P)Staatz	9424	Norris "A", Norris "B", Praeger, Staatz	26,27-17-11W	425	0	KC	3,099	11	5	0	0	0	1962
117	Kraft-Prusa	Skelly Oil Company	(-)E.F. Esfeld	13453	E.F. Esfeld	30-16-11W	25	0	Douglas*	2,965	15	0	0	0	0	1967
118	Lanterman	Lario Oil & Gas Company	(P)Rehme	13853	Rehme	15-19-11W	40	0	Lans-KC*	3,050	?	2	0	0	0	1967
119	Ney Southwest	K & E Drilling, Inc.	(D)Rude	11059	Rude "E"	2-16-13W	20	7	Lans	3,100	5	1	0	0	0	1964
120	Otis-Albert	Albert Sullivan	(D)*	8299	Arnold	8-19-15W	160	---	Regan	3,600	20	2	0	0	0	1961
121	Prairie View	Morgenstern Oil Operations	(W)John Schartz	5652	Ahrens, Kowalsky, John Schartz	20-19-11W	160	0	Lans-KC	3,200	150	4	0	0	0	1956
122	Pritchard	Phillips Petroleum Co.	(W)West Hiss LKC	7104		36-20-14W	130	?	Lans-KC	3,350	50	4	1	0	0	1959
123	Roesler	Nadel & Gussman	(W)Bieberle	13249	Bieberle	15-18-11W	10	0	KC	3,025	10	1	0	0	0	1957
124	St. Peter	Isern-Wells	(W)Musenberg "A"	12136	Musenberg A	33-18 11W	80	0	Lans-KC	3,110	25	1	---	---	---	1965
125	St. Peter	Shelley-Miller Drlg., Inc.	(W)Robl	11630	Hichel, Musenberg, Robl	32,33-18-11W;5-19-11W	260	20	Platt-L-KC	2,912*	5†	12	0	0	0	1965
126	St. Peter	Texaco, Inc.	(W)St. Peter	11909		32-18-11W	320	---	Lans-Platt	2,900*	25	6	2	---	---	1962
127	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
128	St. Peter East	Nadel & Gussman	(W)Johanning	12861		34-18-11W	100	0	KC	3,060	10	2	0	0	0	1966
129	Sandrock	APCO Oil Corporation	(W)Sandrock	9838	Jackson, Morrison, Weathers	27,28-20-13W	60	0	Lans-KC	3,400	20	4	0	0	0	1962
130	Sandrock	Phillips Petroleum Co.	(W)Pursel	13215*		28-20-13W	40	---	Lans-KC	3,300	15	2	0	0	0	1967
131	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
132	Trapp	A.L. Abercrombie, Inc.	(W)Prusa	12639	Prusa	20-16-13W	80	0	Lans-KC	3,228	8	1	0	0	0	1966
133	Trapp	Aladdin Petroleum Corp.	(P)Soderstrom	5560	Soderstrom	21-17-13W	160	0	KC	3,165	10	2	0	0	0	1957
134	Trapp	Earl Allen Oil Company	(P)Harrington & Stoskopf	10313	Harrington, Stoskopf	28,29-16-13W	40	40	Lans-KC	3,132	50	2	0	0	1	1964
135	Trapp	Earl Allen Oil Company	(P)Schreiber	12144	F.J. Schreiber	32-16-13W	100	0	Lans-KC	3,077	48	3	0	0	0	1966
136	Trapp	Continental Oil Company	(W)Harrington & Stoskopf	10313	J.P. Harrington, C. Stoskopf	28,29-16-13W	35	0	Lans-KC	3,132	45	2	0	0	0	1964
137	Trapp	Continental Oil Company	(P)J.L. Redetzke*	12963	J.L. Redetzke	20-16-13W	60	0	Arbuc	3,372	12	2	0	0	0	1966
138	Trapp	Continental Oil Company	(W)Schreiber-LKC*	12144	F.J. Schreiber	32-16-13W	35	0	Lans-KC	3,100	20	3	0	0	0	1965
139	Trapp	Morgenstern Oil Operations	(D)Maier	9840	Maier	9-16-13W	160	0	Lans-KC	3,290	5	1	0	0	0	1962
140	Trapp	Nat. Coop. Ref. Assn.	(W)Hoisington	11190	Boger, Putnam, Russell, Underwood	9,16,17-17-13W	70	0	Lans	3,326	6	7	0	?	0	1964
141	Trapp	Shell Oil Company	(W)Hoffman "A" & "B" & Ehrlich "A"	12252 923	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
142	Trapp	Skelly Oil Company	(P)Putman "B"	5929	Putman "B"	3-17-13W	80	0	Lans	3,140	18	2	0	0	0	1957
143	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																
144	Kraft-Prusa	Sunray DX Oil Company	(W)Kraft Prusa	11565		7,18-17-10W;1,12, 13-17-11W	800	0	Lans-KC	3,101	124	20	0	0	0	1965
BARTON-RICE COUNTIES																
145	Mary Ida	Sohio Petroleum Company	(W)Mary Ida	9151	Buehler, Doll, Manke, Mooney, Musenberg, Reif "A", Reif "B"	31-18-10W;36-18-11W	370	---	Lans-KC	3,100	21	15	1	0	1	1962
BARTON-RUSSELL COUNTIES																
146	Trapp	Shell Oil Company	(W)Schneider "C"	11517	Batt "A", Ehrlich "B", Schneider "C"	35-15-14W;1,2- 16-14W	480	0	Lans-KC	3,082	---	2	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 1967			To End of 1967		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,	
105	2	0	0	0	Irreg.	500	100	Prod + Tertiary Sd	25	M	S Gas	---	42	---	4,158	4,158	73,208	5,408	227,212	
106	1	0	0	0	Line	0	50	Prod	---	U	Grav	1/9	42	---	1,637	0	18,250	0	46,300	
107	2	0	1*	---	Irreg.	2	141	Prod	---	U	S Gas	16/19	37	---	12,485	10,771	102,778	75,146	458,531	Converted
108	1	0	0	0	Irreg.	850	560	Prod + Arbuc	3,328	U	S Gas	9/185	40	---	44,215	37,915	211,064	64,410	381,461	
109	2	0	0	0	Irreg.	175	192	Prod + Cheyenne	525	M	Wat	1/3	42	---	25,440	12,188	128,652	39,855	692,625	
110	1	0	?	?	Irreg.	627	475	Prod	---	U	Wat	1/4	42	---	9,764	6,353	173,411	61,765	1,626,598	
111	1	0	0	0	Irreg.	766	233	Prod + Arbuc	3,341	U	Wat	1/89	40	---	0	0	84,974	0	665,806	
112	1	0	0	0	Irreg.	325	477	Prod + Arbuc	3,357	U	S Gas	19/0	42	---	15,000	2,685	174,005	3,497	326,375	
113	1	0	0	0	Irreg.	0	80	Prod	---	U	S Gas	160/0	37	---	1,886	0	29,018	0	80,083	
114	1	0	0	0	Irreg.	571	253	Prod + Arbuc	3,331	U	S Gas	1/0	41	---	7,003	3,747	92,314	4,873	148,287	
115	1	0	0	0	Irreg.	777	212	Arbuc	3,341	U	Wat	1/0	42	---	4,382	4,382	77,381	17,267	457,981	
116	1	0	0	0	Irreg.	---	12	Granite Wash	3,280	M	Grav	---	34	---	5,291	5,291	4,227	46,285	449,684	
117	1	0	0	0	Irreg.	0	663	Prod	---	T	S Gas	---	40	?	4,030	0	20,551	0	20,551	Lans
118	1	0	0	0	Irreg.	Grav.	150	Prod	---	T	S Gas	1/10	37	?	511	0	5,504	0	5,504	Arbuc
119	1	0	0	0	Irreg.	0	---	Prod	---	U	S Gas	1/4	38	?	1,608	408	22,700	868	75,600	
120	1	0	0	0	3-spot	200	400	Prod	---	U	Wat	---	35	---	3,000	2,000	146,000	27,000	650,000	Lease sold 1-1-68
121	1	1	0	0	Irreg.	900	490	Prod + Surface	40	M	S Gas	?	38	---	22,794	17,095	178,850	56,555	460,850	
122	2	0	0	0	Irreg.	50	500	Prod + Fresh	150	M	S Gas	1/4	40	5.5	28,215	19,095	365,338	64,713	2,725,297	
123	1	0	0	0	Irreg.	10	50	Shallow Fresh	100	F	S Gas	9/1	45	---	5,651	500	18,000	500	18,000	
124	1	0	0	0	Irreg.	80	75	Fresh	90	F	S Gas	20/1	40	?	14,487	8,487	27,407	12,720	75,309	
125	3	0	0	0	Irreg.	300	300	Prod + Fresh	90	M	---	---	39	39	61,274	46,260	225,384	45,260	766,369	3118; †8
126	6	---	---	---	---	600	510	Prod	---	T	Wat	2/3	42	---	41,675	30,016	847,548	---	2,438,393	*3,100
127	1	---	---	---	Irreg.	90	151	Fresh	90	F	S Gas	25/1	40	?	14,247	5,847	55,481	5,847	78,552	
128	2	0	0	0	Peri.	0	150	Shallow	100	F	S Gas	85/15	38	---	36,470	10,000	72,000	10,400	88,072	
129	2	0	0	0	Irreg.	41	185	Prod + Tertiary Sd	60	F	S Gas	?	30	?	13,059	13,059	135,203	88,149	747,665	
130	2	0	0	0	Line	100	275	Prod + Shallow	60	M	S Gas	2/1	30	18	9,797	4,145	181,891	4,145	181,891	6478
131	2	0	0	0	Irreg.	0	76	Prod	---	U	S Gas	68/59	30	?	10,959	447	54,997	447	66,885	
132	1	0	0	0	Peri.	0	100	Prod + Arbuc	3,400	U	S Gas	---	35	?	1,840	0	26,070	0	104,560	
133	2	0	0	0	Irreg.	325	270	Prod	---	U	Wat	---	40	---	4,017	4,017	97,217	447,451	1,495,912	
134	2	2	0	0	Irreg.	1,600	300	Prod + Arbuc	3,400	T	S Gas	1/1	40	?	5,900	5,900	216,000	46,767	828,000	
135	1	0	0	0	Irreg.	100	400	Prod + Arbuc	3,400	T	Wat*	1/1	40	?	6,203	3,000	144,000	5,000	283,000	S Gas
136	2	1	0	0	Irreg.	1,000	350	Prod	---	T	S Gas	?	38	---	793	95	127,972	36,461	718,342	Lease sold 10-1-67
137	1	0	0	0	Irreg.	900	590	Prod	---	T	Wat	?	36	---	?	0	161,202	0	168,667	Lease sold 10-1-67
138	1	0	0	0	Irreg.	30	500	Prod + L-KC	3,100	T	S Gas	?	40	---	4,823	979	135,152	1,146	283,669	Lease sold 10-1-67
139	1	0	0	0	Irreg.	0	50	Prod	---	U	Gas Exp	?	37	---	1,655	1,655	18,250	5,266	80,339	
140	1	0	0	0	Irreg.	5	101	Prod + Arbuc	3,413	U	S Gas	1/0	40	---	41,984	2,005	36,991	3,353	74,606	
141	4	1	0	0	Irreg.	0	11	Prod + Arbuc	3,292	U	S Gas	1/6	36	---	27,389	27,389	29,381	53,484	92,412	
142	1	0	0	0	Irreg.	0	34	Prod	---	U	S Gas	---	37	?	1,512	0	12,437	0	346,874	
143	1	0	0	0	Irreg.	Vac.	26	Prod	---	U	Wat	10/16	40	?	3,087	0	9,489	0	19,838	
144	9	0	1	1	Irreg.	975	512	Prod	---	U	S Gas	4/1	41	?	120,749	120,749	2,135,128	239,276	3,531,852	
145	9	1	0	0	Peri.	800	196	Prod + Fresh	130	M	S Gas	1/4	40	---	98,356	94,306	659,276	262,690	3,062,623	
146	2	0	0	0	Irreg.	52	46	Prod + Arbuc	3,292	U	S Gas	1/10	37	---	2,426	2,426	33,741	7,619	103,875	

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-STAFFORD COUNTIES																
147	Bart-Staff	Nat. Coop. Ref. Assn.	(W)Boyd-Dorshaffer-McGreevy	10131	Boyd, Dorfshaffer, McGreevy "A", McGreevy "B"	33-20-14W;4,5-21-14W	120	10	Lans	3,330	120	11	1	0	1	1963
148	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																
149	Bronson Southeast	CRA, Inc.	(W)Woodward	12914	Woodward	12,13-25-21E	90	0	Bartl	661	18	11	0	0	0	1966
150	Hepler	Walter Duncan	(W)Hepler	8780	Freeman, Jackson, Johnson, Shireman	24-27-21E;19-27-22E	140	0	Tucker	675	14	35	0	0	0	1961
BUTLER COUNTY																
151	Augusta	Cities Service Oil Co.	(W)Augusta Unit	10415	Augusta Unit	2,10,11,14,15-28-4E	969	0	KC	2,050	6	32	0	1	0	1963
152	Augusta	Cities Service Oil Co.	(W)Skaer-Starkey	9719	Skaer, Starkey	35-27-4E	202	0	KC	2,030	16	13	0	0	0	1962
153	Augusta	Cities Service Oil Co.	(W)Varner KC	8282	Varner	8,17-28-4E	40	0	KC	1,990	15	4	1	0	1	1961
154	Augusta	Hammer & Maclean	(P)Ambler-Moyle	12240	Ambler, Moyle	35-27-4E;2-28-4E	160	0	KC	2,062	10	7	0	0	0	1965
155	Augusta	International Oil Corp., Inc.	(W)Haskins	13654	Haskin	17,20-28-4E	70	30	Arbuc	2,460	25	4	0	0	0	1965
156	Augusta North	Morris Sitrin, Inc.	(P)Loomis	7277	Loomis	15-27-4E	80	0	Simpson	2,492	26	3	0	0	0	1959
157	Augusta North	Robert F. White	(D)Foster	2187	Foster	21-27-4E	160	80	KC	2,000	20	6	0	0	0	1949
158	Augusta North	Robert F. White	(D)Scully "C"	4682	Scully "C"	16-27-4E	30	30	KC	2,000	20	2	0	0	0	1958
159	Blankenship	Eureka Drilling Company	(P)Dunne	2672	Dunne	9-26-8E	80	---	Bartl	2,400	20	2	1	0	0	---
160	Blankenship	Okmar Oil Company	(W)Drum-Bitler	4169	Drum-Bitler	20-26-8E	80	0	Bartl	2,660	25	3	0	0	0	1954
161	Blankenship	C.D. Payne	(D)	3565		9-26-8E	80	60	Bartl	2,509	50	1	0	0	0	1964
162	Brickley & Brickley East	Dunne Equities, Inc.	(D)Lucas-Lanier	9180		2-27-7E	240	0	Bartl	2,665	10	5	0	0	0	?
163	Combs Northeast	Kewanee Oil Company	(W)Gate-Veed	7926	Gate, Veed	27,34-29-5E	50	10	Bartl	2,817	8	1	0	0	0	1960
164	Edgecomb	Eckland Drilling Co.	(D)	6617	Cain, Neiman	9-25-3E	10	10	Miss	2,780	2	1	0	0	0	1958
165	Elbing	Aladdin Petroleum Corp.	(P)Furman	11895	Furman	8-23-4E	120	0	KC	1,925	30	5	0	0	0	1964
166	Elbing	CRA, Inc.	(P)North Lathrop	7145	North Lathrop	17-23-4E	40	0	KC	1,950	30	5	0	0	0	1959
167	Elbing	CRA, Inc.	(P)South Lathrop	8005	South Lathrop	17-23-4E	60	30	KC	2,100	25	6	0	0	0	1960
168	Elbing	Nonken Investments	(D)	13622	Everett, Parris, Neer, Ram	20,29-23-4E	150	0	KC	2,048	---	0	0	0	0	1967
169	Elbing	Phillips Petroleum Co.	(W)J.C. Scully	11937		17-23-4E	60	?	Lans-KC	2,020	30	2	0	0	0	1965
170	El Dorado	Aikman & Braden	(D)Melville	12303	Melville	10-26-4E	160	0	Arbuc	2,384	15	4	0	0	0	1965
171	El Dorado	Baker Oil Inc.	(P)Wilson	4077	Wilson	22,27-25-5E	40	?	Viola	2,553	10	3	0	0	1	1960
172	El Dorado	Cities Service Oil Co.	(W)Anderson KC	12493	Anderson	7-26-5E	76	76	KC	2,000	13	4	4	0	4	1965
173	El Dorado	Cities Service Oil Co.	(-)Anderson Lans	12493	Anderson	7-26-5E	56	0	Lans	1,670	54	2	0	0	0	1967
174	El Dorado	Cities Service Oil Co.	(W)Chesney Douglas	6422	Chesney	21-25-5E	130	0	Douglas	1,400	28	9	0	0	0	1958
175	El Dorado	Cities Service Oil Co.	(W)Chesney KC	6351	Chesney, Hegberg, Knox, Mills	21,22,28-25-5E	432	0	KC	1,900	33	26	0	0	0	1958
176	El Dorado	Cities Service Oil Co.	(W)El Dorado Sh Sd	6688 5425 3966 3477		25,36-25-4E;19,20,21,22,28,29,30,31,32,33,34-25-5E;5,6,26-5E	2,334	0	El Dorado Sh Sd	650	13	113	25	0	25	1947
177	El Dorado	Cities Service Oil Co.	(W)El Dorado 550'	6688		19,21,28,29,30-25-5E	879	0	El Dorado	550	6	28	12	0	12	1952
178	El Dorado	Cities Service Oil Co.	(W)Enyart KC	10002 7869	Abraham-Ralson, Brack "B", Brack "C", Enyart, Paulson	1,2,11,12-26-4E	833	0	KC	2,000	21	27	0	5	0	1963
179	El Dorado	Cities Service Oil Co.	(W)Finney Simpson	6888 6586 5493	Finney, Fulkerson, Graham, Howe, Millheisler A & B, Pierpoint, Thompson	33-25-5E;4,9-26-5E	523	0	Simpson	2,480	27	30	0	0	0	1950
180	El Dorado	Cities Service Oil Co.	(W)Koogler	4992 4623	Hess, Houston, Kirk "B", Koogler, Richards, Watts	13,14-26-4E;17,18-26-5E	1,716	0	Simpson	2,550	60	89	12	0	12	1948
181	El Dorado	Cities Service Oil Co.	(W)Pirtle Shallow	6672	Atkins, Deming, Pirtle	19,20-25-5E	186	0	El Dorado	725	11	6	5	0	5	1958
182	El Dorado	Cities Service Oil Co.	(W)Stapleton Simp	13973	Stapleton	29-25-5E	22	0	Simpson	2,425	18	1	0	1	0	1967
183	El Dorado	Cities Service Oil Co.	(W)Stokes KC	9803	Hegberg, Pierpoint, Stapleton, Stokes, B. Stokes	28,29,32,33-25-5E	640	0	KC	1,900	21	26	1	0	1	1962
184	El Dorado	Cities Service Oil Co.	(W)Wilson Burlingame	9085	Wilson	8-25-5E	61	0	Burlingame	800	10	3	3	0	3	1962
185	El Dorado	Cities Service Oil Co.	(W)Wilson KC	4874	Wilson	7,8,9-25-5E	536	0	KC	2,000	44	25	2	0	2	1956
186	El Dorado	Cities Service Oil Co.	(W)Wilson Lansing	4874	Wilson	7,8,9-25-5E	59	0	Lansing	1,750	34	4	0	2	0	1966
187	El Dorado	Cities Service Oil Co.	(W)Wilson Simpson	4400	Wilson	8,9-25-5E	121	0	Simpson	2,550	38	8	0	0	0	1955
188	El Dorado	Cities Service Oil Co.	(W)Wilson White Cld	13743	Wilson	7,8,9-25-5E	48	0	White Cld	928	12	2	0	2	0	1967
189	El Dorado	Cities Service Oil Co.	(W)Wilson 550'	3477	Wilson	7,8,9-25-5E	306	0	El Dorado	600	7	17	0	0	0	1961
190	El Dorado	Cities Service Oil Co.	(W)Wilson 650'	3477	Wilson	7,8,9-25-5E	246	0	El Dorado	680	9	18	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 1967			To End of 1967		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,	
147	3	1	1*	?	Irreg.	707	240	Prod + Arbuc	3,550	U	S Gas	2/5	31	---	31,943	17,594	262,813	112,630	955,814	*Converted
148	1	1	0	0	Irreg.	300	128	Prod	---	U	S Gas	40/46	34	?	14,061	0	19,180	0	19,180	
149	12	0	0	0	Line	40	105	Miss	832	T	S Gas	32/1	31	17	40,401	18,071	424,662	18,071	500,204	
150	42	0	0	0	5-spot	400	20	Prod + Miss	800	F	S Gas	---	26	?	27,696	27,696	300,658	329,125	1,933,868	
151	20	0	3	0	5-spot	346	326	Prod + Arbuc	2,500	U	S Gas	7/23	36	?	134,152	134,152	2,381,568	613,370	7,577,525	
152	14	0	0	0	5-spot	250	267	Prod + Arbuc	2,800	U	S Gas	4/12	36	?	64,063	64,063	1,363,800	433,308	5,616,536	
153	4	0	0	0	Irreg.	875	430	Prod + Arbuc	2,800	U	S Gas	2/16	36	?	5,221	5,221	627,527	61,373	4,987,501	
154	3	0	0	0	Irreg.	250	304	Prod	---	U	Grav	70/30	36	---	32,529	2,547	333,344	10,735	668,245	
155	1	0	0	0	Irreg.	400	1,200	Prod	---	U	Wat	1/70	32	?	4,452	4,452	420,000	4,452	950,000	
156	1	0	0	0	Irreg.	---	21	Prod	---	M	Grav	---	39	---	3,074	3,074	7,601	35,369	58,471	
157	1	1	0	0	Irreg.	360	1,200	Prod	---	T	Comb.	10/90	36	?	6,000	3,000	350,000	103,000	4,350,000	*2120
158	2	0	0	0	Irreg.	350	650	Prod + Arbuc †	2,450	T	Comb.	10/90	36	?	5,500	3,000	220,000	70,000	1,220,000	*4049; †Simpson
159	1	0	0	0	Irreg.	50	50	Prod	---	T	S Gas	60/40	36	---	7,000	4,000	50	2,000	5,000	
160	1	0	0	0	Irreg.	150	255	Prod	---	U	S Gas	---	36	---	2,789	2,789	86,800	4,189	122,800	
161	1	0	0	0	Irreg.	0	40	Prod	---	U	Grav	?	39	?	2,555	0	14,000	---	---	
162	0	0	0	0	Irreg.	---	---	Prod	---	U	Gas Exp	?	38	---	1,604	0	1,604	?	?	
163	1	0	0	0	Irreg.	450	111	Prod + Gravel	328	M	S Gas	2/3	38	?	1,836	1,129	40,638	19,857	715,024	
164	1	0	0	0	Irreg.	0	14	Prod	---	U	Grav	5/5	42	60	359	50	5,110	960	121,910	
165	4	0	0	0	Irreg.	250	300	Prod	---	U	Wat	---	35	---	15,684	15,684	276,244	58,058	622,354	
166	1	0	0	0	Irreg.	Vac.	430	Prod	---	T	S Gas	?	35	?	14,775	9,266	156,976	96,551	955,500	
167	1	0	0	0	Irreg.	230	510	Prod	---	T	S Gas	?	33	?	6,188	3,280	186,130	24,876	1,139,310	
168	1	0	0	0	Irreg.	Vac.	80	Prod	---	U	Wat	10/90	33	---	2,579	0	14,910	0	14,910	
169	2	0	0	0	Irreg.	0	530	Prod	---	U	S Gas	1/11	35	10	49,903	250	158,490	250	387,080	
170	1	0	0	0	5-spot	0	485	Prod	---	U	---	2/52	39	---	6,219	0	17,000	24,876	51,000	
171	1	0	0	0	Irreg.	500	250	Prod	---	U	Wat	?	36	?	9,968	0	90,000	0	610,000	
172	4	4	0	4	5-spot	0	95	Arbuc	2,500	U	S Gas	10/97	36	?	1,733	1,733	57,442	9,531	941,158	
173	4	0	0	0	5-spot	0	415	Arbuc	2,500	U	S Gas	1/1	36	?	7,698	7,698	255,553	7,698	255,553	
174	9	0	0	0	5-spot	478	222	Prod	---	T	S Gas	5/15	35	?	12,957	12,957	730,555	679,368	8,312,587	
175	26	0	0	0	5-spot	445	195	Prod	---	T	S Gas	14/44	36	?	103,452	103,452	1,846,981	1,849,514	15,640,738	
176	145	15	0	15	5-spot	485	98	Prod	---	T	S Gas	11/28	36	6.5	161,755	161,755	5,184,322	13,376,134	193,592,044	*2583; 2571; 1722
177	35	9	0	9	5-spot	417	69	Prod	---	T	S Gas	0/0	36	?	44,344	44,344	883,179	1,215,715	15,133,681	†5425; 3966; 2583; 1722;
178	25	0	1	0	5-spot	45	454	Prod	---	U	S Gas	0/0	36	?	152,124	152,124	4,143,582	474,202	9,331,077	†130; 36-07-29
179	16	0	0	0	5-spot	217	543	Prod	---	T	S Gas	5/0	36	?	126,648	126,648	3,170,764	2,102,991	28,622,116	*2577
180	85	3	0	3	5-spot	0	222	Prod	---	T	S Gas	99/15	36	?	190,532	190,532	6,877,845	8,311,798	133,980,994	*3777; 2574; 2342; 2221
181	10	5	0	10	5-spot	500	105	Prod + Arbuc	2,500	T	S Gas	4/25	36	?	7,436	7,436	383,259	443,744	6,666,426	*2156
182	2	0	2	0	5-spot	260	251	Prod	---	T	S Gas	0/0	?	?	2,217	2,217	87,072	2,217	87,072	
183	21	0	0	0	5-spot	156	378	Prod	---	T	S Gas	9/38	36	?	89,125	89,125	2,901,145	506,849	11,445,370	
184	5	0	0	0	5-spot	412	174	Prod	---	T	S Gas	4/10	36	?	4,188	4,188	316,898	34,540	1,704,051	
185	30	1	0	1	5-spot	523	201	Prod	---	T	S Gas	20/50	36	?	68,807	68,807	2,198,417	1,639,930	23,571,099	
186	4	0	0	0	5-spot	420	186	Prod	---	T	S Gas	3/59	36	?	5,894	5,894	271,363	12,340	538,162	
187	9	0	0	0	Irreg.	476	195	Prod	---	T	S Gas	7/18	36	?	17,229	---	642,041	953,174	8,082,508	
188	2	0	2	0	5-spot	535	263	Prod	---	T	S Gas	0/0	?	?	2,718	2,718	34,198	2,718	34,198	
189	28	0	0	0	5-spot	548	121	Prod	---	T	S Gas	12/10	36	6.5	20,769	20,769	1,234,785	359,848	6,316,754	
190	24	0	0	0	5-spot	504	126	Prod	---	T	S Gas	15/65	36	?	20,769	20,769	1,101,704	1,613,206	29,473,686	

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.																
191	El Dorado	D.E. Dunne, Jr.	(D)M.A. Koogler	3016	M.A. Koogler	21-26-5E	265	0	Simp-Viola	2,400	40	22	9	0	0	1961
192	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
193	El Dorado	K & B Producers, Inc.	(-)Cogswell*	2862		24-25-4E	---	---	---	---	---	---	---	---	---	---
194	El Dorado	K & B Producers, Inc.	(P)W.A. Page	6725*		9-26-5E	---	---	Simpson	2,600	---	2	0	0	0	1950
195	El Dorado	Mobil Oil Corporation	(D)M.A. Koogler*	3016	M.A. Koogler	21-26-5E	265	---	Simp-Viola	2,400	40	26	26	0	0	1951
196	El Dorado	Musgrove Oil Co.	(D)Bond	3805	Bond	2-25-5E	180	0	Viola	2,600	30	1	1	0	0	1952
197	El Dorado	Okmar Oil Company	(W)Fowler	13161	Fowler	1-26-4E	20	0	KC	2,040	20	2	0	0	0	1966
198	El Dorado	Okmar Oil Company	(W)Hanson W.F.	7486	Hanson, Wooley	16-25-5E	25	0	El Dorado	700	5	2	0	0	0	1960
199	El Dorado	Ramsey et al	(W)Ramsey, et al	12221		6-25-5E	---	---	White Cld	990	10	0	---	1	---	1965
200	El Dorado	Saco Oil Company	(-)	7402	W.E. Stone	2-25-5E	30	?	Peru	2,130	14	3	---	0	0	---
201	El Dorado	Saco Oil Co.	(D)	7484	Belton	3-25-5E	15	---	Peru	2,130	14	3	1	0	0	1958
202	El Dorado	Morris Sitrin, Inc.	(P)Brown	7096	W.E. Brown	32-26-5E	160	0	Viola	2,692	13	2	0	0	2	1959
203	El Dorado	Morris Sitrin, Inc.	(P)Cook	7355	Cook	4-26-5E	40	0	Simp-Viola	2,640	60	4	0	0	0	1959
204	El Dorado	Morris Sitrin, Inc.	(P)Mills	8386*	Mills	27-25-5E	160	0	El Dorado†	700‡	---	22	0	0	1	1959
205	El Dorado	Stelbar Oil Corp., Inc.	(W)Cameron	4036	Cameron	2-25-5E	160	---	Peru	2,150	20	6	1	0	0	1951
206	El Dorado	Stelbar Oil Corp., Inc.	(W)Stone	3454	Stone	2-25-5E	80	---	Peru	2,150	20	5	0	0	0	1951
207	El Dorado	Doyal Warren	(W)	8714	Tolle	25-25-4E	30	---	El Dorado	742	10	2	3	0	0	1966*
208	El Dorado	White & Ellis Drlg., Inc.	(D)Wilson	4099	Wilson	7-25-5E	0	0	Miss	2,500	12	0	0	1	0	1954
209	El Dorado	R. J. Wixson	(D)Morgan	8319	Banks, Morgan	13-25-4E	180	0	Miss	2,615	59	5	0	0	0	1960
210	Ferrell	Holly Oil Company	(P)Ferrell	5287	Ferrell	21-28-8E	480	0	Miss	2,750	30	11	2	0	2	1955
211	Fox-Bush	Beard, English & Martin	(P)North-Fox-Bush	2903	Bowyer, Bunnell, Craig, Kingley, Mill, Molter, Shawler, Speedling	23,24,25,26,35- 28-5E	500	300	Bart1	2,750	50	6	0	0	1	---
212	Fox-Bush	H.H. Blair	(P)Naden	6254		13,14-29-5E	200	0	Bart1	2,802	12	6	0	0	0	1960
213	Fox-Bush	Eckland Drilling Co.	(D)	5295	Kingsley, Kingsley B	24-28-5E	50	25	Bart1	2,765	7	4	2	0	0	1956
214	Fox-Bush	Earl Miller	(P)Speer & Bunnell	5496	Bunnell, Speer	26,27-28-5E	80	0	Bart1	2,790	25	3	1	0	0	1957
215	Fox-Bush	Morrison Producing Co.	(W)North Unit	1909	Leonard Brown, O. Brown, Fox, Haver, Jackson, Myers, Naden, Perisho, Price, Sooter	35,36-28-5E;1,2,11, 12,13-29-5E;18-29-6E	560	1,020	Bart1	2,800	30	29	---	0	0	1947
216	Fox-Bush	Morris Sitrin, Inc.	(P)Brown	1650	Brown A	25-29-5E	72	0	Bart1	2,735	45	3	0	0	0	1959
217	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	---	Bart1	2,800	30	6	1	0	0	1957
218	Harlan	E.H. Adair Oil Company	(P)Harvey	10457	Harvey	26,35-23-4E	100	0	KC	2,140	7	4	0	0	0	1963
219	Haverhill	Aztec Oil Company	(W)Haverhill	311*	Brandonberg, Cranston, Hutchinson A, Hutchinson B, Reetz, Sharrok, Willits	22,27,34-27-5E	480	530	Bart1	2,700	40	6	0	0	0	?
220	Haverhill	Morris Sitrin, Inc.	(P)Scaer	10375	Scaer	35-27-5E	80	0	Bart1	3,069	7	1	0	0	0	1963
221	Hickory Creek	Nadel & Gussman	(W)Hickory Creek	5621	F.A. Crowley, J.R. Crowley, H.L. Hammond	14,17-28-5E	100	75	Bart1	2,676	30	6	0	0	0	1957
222	Keighley	W.R. Gross	(D)F.W. Seward	1319	Seward	12-27-7E	50	0	Bart1	2,700	30	3	0	0	0	?
223	Keighley	Rex & Morris Drlg. Co.	(W)De Moss	11136	De Moss, Farner, Sutter	5,7,8-28-7E	400	0	Bart1	2,650	40	12	7	0	0	1964
224	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
225	Kramer-Stern	Morris Sitrin, Inc.	(P)Shriver	8301	Shriver	34-27-6E	240	---	Viola	3,085	12	8	0	0	0	1963
226	Kramer-Stern	Morris Sitrin, Inc.	(P)Stern	6984	Stern	27,28,33-27-6E	320	0	Viola	3,086	4	13	0	0	3	1959
227	Leon	Home-Stake Production Co.	(W)Leon Wfd Project	6758	Boellner, Sarah Clark, Sarah Clark "A", Getter, McNickles, Seglem, Snodgrass, State Bank of Leon, Van Winkle "B", Van Winkle "C"	17,19,20-27-6E	500	0	Bart1	2,700	26	23	0	0	1*	1963
228	Mt. Tabor	Stelbar Oil Corp., Inc.	(W)Stolebarger	5677	Howard, Mahlandt, Shawver, Spicer, Stolebarger	35,36-29-4E	---	---	Cattleman	2,750	10	5	0	0	0	1957
229	Muddy Creek	R.R. Abderhalden	(W)North Muddy Creek	6853	E. Fresh, C. Williams	7-29-5E	40	0	Bart1	2,730	13	3	0	0	0	1963
230	Muddy Creek	R.R. Abderhalden	(W)South Muddy Creek	6426	South Muddy Creek	13-29-4E	40	5	Bart1	2,800	22	4	0	0	0	1962
231	Muddy Creek	W.R. Gross	(D)Stewart	6099	Stewart	6-29-5E	50	0	Bart1	2,700	12	4	0	0	0	1958
232	Muddy Creek	Stelbar Oil Corp., Inc.	(-)Muddy Creek	7476	Elliott, Perisho	13-29-4E;7,18-29-5E	480	---	Cattleman	2,750	29	8	0	0	0	1960
233	Paulson	American Petrofina Company of Texas	(P)Paulson	11990	Busenitz, Guinty, Hinz, Scrivner, Scully A, Webreck	13,23,24,26-23-3E	330	0	Miss Chert	2,460	28	29	2	0	2	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 1967			To End of 1967		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,		
191	19	13	0	0	Irreg.	0	5,900	Prod	---	U	Grav	1/1	38	---	50,940	50,940	2,153,500	3,047,388	50,479,203		
192	6	0	0	0	5-spot	500	404	Prod + Arbuc	2,300	U	S Gas	2/14	34	---	68,955	55,555	958,695	227,589	3,340,665		
193	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	*Flood is inactive
194	1	0	0	0	Line	150	271	Prod + Purchased	---	T	Grav	---	35	---	4,465	---	98,900	---	---	*2551	
195	18	10	0	0	Irreg.	80	420	Prod	---	U	Grav	?	34	?	45,500	45,500	2,549,088	3,041,948	50,874,791	*Sold lease 11-15-67	
196	1	0	0	0	Irreg.	500	400	Prod	---	T	Grav	10/90	37	---	2,464	1,971	146,000	1,971	146,000		
197	1	0	0	0	5-spot	200	915	Prod + Arbuc	2,440	U	S Gas	---	33	---	4,837	2,700	333,900	2,700	418,200		
198	1	0	0	0	5-spot*	120	200	Viola	2,600	U	S Gas	?	36	---	476	168	800	324	78,920	*Inverted	
199	4	---	1	---	---	150	100	KC	---	T	Wat	---	---	---	0	0	100,000	---	100,000		
200	1	1	0	0	Irreg.	25	60	Prod + Peru	2,130	U	Grav	?	36	---	2,150	?	60	350	21,900		
201	1	0	0	0	Irreg.	25	60	Prod	---	U	Grav	---	34	---	2,100	1,500	21,900	?	---		
202	1	0	0	0	Irreg.	---	205	Prod	---	M	Grav	---	32	---	4,809	4,809	74,869	64,364	827,355		
203	1	0	0	0	Irreg.	---	881	Prod	---	M	Grav	---	36	---	10,636	10,636	321,565	85,841	1,874,576		
204	11	4	2*	4	Irreg.	---	89	Prod + Various	---	M	Grav	---	36	---	35,873	35,873	835,818	578,758	8,630,505	/8336; 8192; 6333; KC-	
205	1	1	0	0	Irreg.	700	120	Prod + Douglas	600	T	S Gas	---	37	---	927	927	40,000	83,298	591,200	†Douglas; †2000-2500;	
206	1	0	0	0	Irreg.	600	180	Prod + Douglas	600	T	S Gas	---	37	---	8,972	8,972	60,000	300,206	1,147,250	*Converted	
207	1	1	0	0	Irreg.	150	75	Prod	---	U	Wat	20/80	35	---	0	0	0	0	0	*For test only	
208	1	0	0	0	Irreg.	50	50	Prod	---	T	Wat	?	40	?	15,598	?	84,000	?	?		
209	1	0	0	0	5-spot	0	30	Prod	---	U	---	50/30	40	---	4,678	0	10,950	0	107,950		
210	3	0	0	---	Irreg.	800	267	Prod	---	T	Wat	---	37	---	21,831	?	292,567	---	---		
211	5	6	0	0	Irreg.	Grav.	250	Prod	---	T	S Gas	?	42	---	4,709*	4,709	456,250	?	?	*Nine months	
212	5	---	---	---	Irreg.	800	30	Prod + Fresh	325	M	Grav	---	35	---	4,573	4,573	52,748	43,741	453,122		
213	1	0	0	0	Irreg.	0	300	Prod	---	U	Grav	90/10	38	60	2,052	2,052	109,500	140,200	1,277,500		
214	1	0	0	0	Line	250	300	Prod	---	T	Grav	---	39	?	7,178	7,178	365,000	61,378	6,788,400		
215	24	12	0	2	5-spot	25	123	Prod + Wreyford	330	T	S Gas	95/5	42	---	48,715	48,715	1,079,679	2,032,079	---		
216	2	0	0	0	Irreg.	---	278	Fresh	900	F	Grav	---	40	---	7,828	7,828	188,561	75,834	786,855		
217	3	0	0	1	Line	300	100	Prod + Stalnaker	1,700	T	S Gas	---	40	---	6,163	6,163	120,000	111,891	1,048,000		
218	1	0	0	0	Irreg.	200	35	Prod	---	U	Wat	---	34	---	6,330	600	12,775	6,500	55,000		
219	2	0	0	1	5-spot	100	800	Prod	---	T	Grav	?	39	?	10,072	10,072	292,000	?	?	*100	
220	1	0	0	0	Irreg.	---	116	Granite Wash	3,069	M	Grav	---	37	---	2,370	2,370	42,448	16,266	515,146		
221	4	1	0	0	Line	850	196	Prod + Arbuc	3,158	T	S Gas	70/30	41	---	6,381	6,381	429,924	370,789	7,658,072		
222	1	0	0	0	Irreg.	0	125	Prod	---	U	?	?	38	?	3,517	3,517	45,625	77,044	553,900		
223	3	0	0	0	Irreg.	Grav.	185	Prod	---	U	S Gas	---	40	---	22,059	10,000	193,000	---	---		
224	3	1	0	0	Irreg.	0	122	Prod	---	U	Grav	60/40	34	---	26,906	0	132,829	265	153,368		
225	2	1	1	0	Irreg.	---	775	Prod	---	M	Grav	---	34	---	40,845	40,845	565,653	165,414	1,360,157	*Converted	
226	6	0	2*	0	Irreg.	---	637	Prod + Viola	---	M	Grav	---	36	---	71,972	71,972	1,395,820	339,983	3,904,645	*Converted	
227	19	0	0	0	5-spot	655	254	Prod + Arbuc	3,170	T	S Gas	?	39	---	127,547	127,547	1,616,384	690,833	6,554,577	*Converted	
228	4	0	0	0	Line	600	75	Prod + Stalnaker	1,800	T	S Gas	---	38	---	6,821	6,821	100,000	112,271	968,000		
229	1	0	0	0	Irreg.	Vac.	77	Prod + Douglas	560	T	S Gas	3/1	38	3	14,215	14,215	28,150	30,698	84,075		
230	1	0	0	0	Line	1,000	430	Prod + Douglas	800	T	S Gas	3/1	38	3	8,138	8,138	157,365	48,031	700,036		
231	1	0	0	0	Irreg.	0	50	KC	2,300	U	Gas Exp	?	36	?	1,598	1,598	18,250	35,575	311,150		
232	4	0	0	0	Line	600	175	Prod + Douglas	900	T	S Gas	---	39	---	28,132	28,132	309,000	189,222	1,672,097		
233	5	0	0	0	5-spot	369	209	Prod	---	T	S Gas	1/5	--	---	53,080	14,864	381,329	19,042	467,544		

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.																
234	Paulson	American Petrofina Co. of Texas	(P)Paulson Wfd, Station #2	13254	Paulson "A", "B", "C", "D", "E", Stephens, Wiebe	25,26,35-23-3E	350	0	Miss	2,460	28	12	0	0	0	1967
235	Potwin	Robert F. White	(D)Mulnix	11160	Mulnix	2-25-3E	30	0	Miss Chat	2,720	10	1	0	0	0	1964
236	Potwin	R.J. Wixson	(D)Joseph	8608	Busenitz, Joseph	3-25-3E	320	0	Miss	2,700	5	0	0	0	0	1966
237	Potwin	R.J. Wixson	(D)Ulmer	8391	R. Moore, Neimab, Ulmer	10-25-3E	200	0	Miss	2,700	5	7	0	0	0	1961
238	Reynolds-Schaffer	The Yuma Oil Company	(D)	4039	Doughty, Palmer	6-27-6E	40	?	Bartl	2,700	10	2	0	0	0	1955
239	Rosalia	O.A. Sutton	(P)Rosalia	12310 12229	Bell, Friesen, Gish, Merle, Roy, Zimmerman	11,12-25-7E	480	40	Squirrel	2,560	30	12	0	2	0	1965
240	Shinn	K.T. Wiedemann Trust	(W)Shinn	10166	Shinn	19-29-8E	120	0	Miss Dol	2,760	16	7	0	0	0	1963
241	Smock-Sluss	Bisagno Bros., Inc. & Bisagno Six Oil Co., Inc.	(D)J. & D.A. Bisagno	2096	J. & D.A. Bisagno	35-26-5E	40	16	Bartl	2,700	40	4	1	0	0	1939
242	Smock-Sluss	Bert I. Lebow	(P)Sluss	2915	Sluss A	26-26-5E	40	?	Bartl	2,760	30	1	0	0	0	1950
243	Smock-Sluss	J.E. Morris, Oil Producer & Operator	(-)Dean Unit*	5155	Dean, Patty	17-26-6E	0	---	---	---	---	---	---	---	---	---
244	Smock-Sluss	J.E. Morris, Oil Producer & Operator	(D)Knutson	13206	Irvine, Knutson	11-27-5E	320	0	Bartl	2,700	30	4	0	0	0	1967
245	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
246	Snowden-McSweeney	Rex & Morris Drilling Co.	(W)Snowden McSweeney	7251	Price, Smith, Wunsch	34-28-6E; 8-29-6E	320	0	Bartl	2,838	45	11	0	0	0	1959
247	Snowden-McSweeney	Earl F. Wakefield	(-)Wakefield "Fee"	3430	Wakefield "Fee"	9-29-6E	200	0	Bartl	2,800	20	8	0	0	0	1960
248	Towanda	Kewanee Oil Company	(W)Rice-Wait	4029	Rice & Wait	5-26-4E	0	0	Viola*	2,445+	127+	0	0	0	0	1954
249	Wehrman	Petroleum, Inc.	(*)Wehrman	13621	Wehrman	30-29-8E	160	---	Miss	2,818	32	2	0	0	0	1967
250	Young	Drillers Production Co., Inc.	(D)Stewart	13616	Stewart	23-26-7E	440	---	Miss	2,750	9	1	0	0	0	1967
251	Young	Dunne Equities, Inc.	(D)Willhite	1318	Willhite	27-26-7E	80	0	KC	---	---	4	0	0	0	?
252	Young	Okmar Oil Company	(W)Young	4491 3258	Willhite, Willhite A & B, Young A & B, Young-Inger	27-26-7E	170	0	KC	2,140	37	5	0	0	0	1952
253	Young Southwest	Crowe Drilling Co., Inc.	(P)PMA Ranch	12982	PMA Ranch	32-26-7E	80	0	Miss	---	8	5	---	2	0	---
BUTLER-MARION COUNTIES																
254	Elbing	Bayes Oil Co.	(D)C.E. Bayes	6185	Doornbos, Hawk	33-22-4E; 3-23-4E	50	0	KC	2,100	?	3	2	0	0	---
CHASE COUNTY																
255	Teeter	Sunray DX Oil Company	(-)Leedy	6331	Leedy	25-22-9E	240	0	Bartl	2,530	20	5	0	0	1*	1960
CHASE-LYON COUNTIES																
256	Atyeo-Pixlee	E.W. Sauder	(P)Annie Hughes & H.W. Hughes	519	Annie Hughes, H.W. Hughes	24-21-9E; 19-21-10E	60	30	Bartl	2,200	25	6	0	4	0	1939
CHAUTAQUA COUNTY																
257	Elgin	Great Western Drilling Co.	(-)510	5906	Williams	15-35-10E	80	?	Peru	1,440	28	2	?	0	0	?
258	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
259	Hale-Inge	Hutton & Walters	(P)Vestal	10303	Vestal	8-32-12E	30	0	New Albany	700	12	3	2	0	0	1963
260	Landon-Floyd	Patteson Bros.	(D)Shaffer	9072	E.H. Adair, Harriet Shaffer	14,23-32-10E	220	---	Miss	1,950	8	5	1	0	1	1962
261	Niotaze	P.E. Steinberger & Sons	(W)Hyder	2207	Buckles & Stough, Guier, Hyder	5-35-13E	250	0	Redd	700	15	20	2	0	0	1941
262	Oliver	E.H. Adair Oil Company	(P)McNee	11863	McNee, Oliver	2-32-10E	100	0	Miss	2,000	6	0	0	0	0	1965
263	Peru-Sedan	Brinkman Coulter Oil Co.	(D)Florence C. Brinkman	4135 4134		22-34-12E	160	---	---	---	---	21	?	0	---	---
264	Peru-Sedan	Burlington Oil Co.	(D)Henry Gardner	*	Henry Gardner	26-33-11E	160	0	Peru	1,100	25	5	---	0	0	1953
265	Peru-Sedan	Walter Darnell	(D)Paullus	10903	Paullus	6-35-12E	102	0	Peru	1,050	60	4	0	0	0	---
266	Peru-Sedan	Brooks Dickens	(P)Schoellkoph	62	Schoellkoph	27-33-11E	160	0	Peru	1,250	30	3	5	0	0	1957
267	Peru-Sedan	Brooks Dickens	(P)Wall Casement*	5214	Wall Casement	33-33-11E	80	0	Peru	1,250	35	5	0	0	16	1956
268	Peru-Sedan	Jones Bros. Oil Co.	(D)Clint Austin	6087	Clint Austin	7-34-12E	117	---	Peru	925	18	6	---	0	0	1958
269	Peru-Sedan	Jones Bros. Oil Co.	(D)Big Turner	6132	Big Turner	3-35-12E	320	---	Peru	960	15	2	---	0	0	1958
270	Peru-Sedan	Jones Bros. Oil Co.	(D)J.R. Chance- Bernard Blount	6170	Bernard Blount, J.R. Chance	34-34-12E	320	---	Peru	1,000	20	17	0	0	0	1958
271	Peru-Sedan	Jones Bros. Oil Co.	(D)C.W. Smith- George Lee	6133	George Lee, C.W. Smith	12-35-11E	320	---	Peru	1,150	25	19	---	0	0	1958
272	Peru-Sedan	Little Nick Oil Comany	(P)Peru-Sedan	58	Stafford	9-34-12E	90	0	Peru	1,027	35	9	5	0	1*	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 1967			To End of 1967		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	0	0	0	0	5-spot	0-125	492	Prod	---	T	S Gas	1/20	--	---	20,589	0	451,876	0	451,876	
235	1	0	0	0	Irreg.	Grav.	225	Prod	---	U	S Gas*	20/80	41	?	228,000	3,000	75,000	4,000	140,000	*Wat
236	1	0	0	0	5-spot	0	60	Prod	---	U	Wat	10/15	40	---	1,542	0	1,900	94,109	14,675	
237	1	0	0	0	3-spot	0	150	Prod	---	U	---	10/30	40	---	6,073	0	62,000	0	880,000	
238	1	0	0	0	Irreg.	Vac.	50	Prod	---	U	Grav	?	35	---	6,876	?	18,250	?	---	
239	4	0	0	0	Irreg.	400	500	Prod	---	U	S Gas	80/20	40	?	66,860	20,000	420,000	50,000	600,000	
240	3	0	0	0	Irreg.	300	300	Prod	---	T	Gas Exp*	12/24	39	---	1,285,721	8,500	328,500	68,669	1,092,190	*Wat
241	1	2	0	0	Irreg.	Vac.	500	Prod	---	T	S Gas	95/5	39	---	3,650	3,650	182,500	368,156	3,150,617	
242	1	0	0	0	Irreg.	0	150	Prod	---	U	Comb	---	37	?	4,400	?	50,000	?	950,000	
243	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	*Lease sold, plugged & abandoned
244	1	0	0	0	Irreg.	0	250	Prod	---	U	S Gas	3/20	39	---	9,118	---	91,250	---	---	
245	1	1	0	0	Irreg.	Vac.	319	Salt Water Sand	825	U	S Gas	?	39	?	3,389	3,389	116,436	147,640	2,551,803	
246	4	0	0	0	5-spot	100	60	Prod	---	T	S Gas	1/8	40	---	8,940	8,940	87,600	---	---	*7247; 3462
247	9	0	0	0	5-spot	78	135	Prod + Arbuc	3,300	T	S Gas	---	40	---	8,138	4,069	443,475	97,429	2,796,993	
248	4	1	0	0	Irreg.	235	945	Prod	---	U	Wat	?	38	?	98,649	0	1,379,929	0	9,666,323	*Simpson; †2476; †98
249	1	0	0	0	Line	Vac.	77	Prod	---	T	Wat	3/32	--	---	2,793	0	15,003	0	15,003	*Disposal
250	1	0	0	0	Irreg.	Vac.	75	Prod	---	U	Wat	10/20	31	---	4,722	0	13,500	0	13,500	
251	0	0	0	0	Irreg.	200	---	Prod	---	U	Gas Exp	1/1	34	---	5,780	?	108,000	?	?	
252	3	0	0	0	Irreg.	400	294	Prod + Miss	2,700	U	S Gas	?	34	---	27,217	9,400	320,955	19,900	434,105	
253	1	---	0	0	Peri.	10	80	Prod	---	M	S Gas	---	--	---	---	?	900	---	900	
254	2	0	0	0	Irreg.	0	50	Prod	---	U	Grav	---	32	60	2,350	1,240	81,175	6,975	100,885	
255	3	1	0	0	Irreg.	Vac.	325	Prod + Douglas	1,508	U	S Gas	---	40	3.4	5,372	5,372	356,009	63,848	980,091	*Temporarily
256	4	0	0	0	Irreg.	300	90	Prod + Douglas	1,005	T	S Gas	80/20	39	?	30,403	15,000	130,000	149,000	1,195,000	
257	1	1	0	0	Irreg.	0	214	Prod + Cleveland	1,230	T	?	?	32	?	1,500	1,500	45,325	?	?	
258	1	0	0	0	Irreg.	200	50	Prod	---	U	Gas Exp	70/30	32	?	2,977	0	17,500	0	26,500	
259	2	3	0	0	Irreg.	200	50	Prod	---	U	Grav	---	27	---	1,800	?	12,000	9,000	21,800	
260	1	---	0	0	Irreg.	0	300	Prod	---	U	Grav	---	30	---	8,500	0	175,000	---	670,000	
261	10	2	0	0	5-spot + Irreg.	100	5	Prod + Big Salt	350	U	Gas Exp	1/0	34	?	3,970	3,970	15,000	90,000	340,000	
262	1	0	0	0	Irreg.	0	50	Prod	---	U	Wat	---	37	---	2,360	0	15,000	0	45,000	
263	---	---	---	---	Irreg.	120	?	Prod	---	U	?	?	34	?	6,444	?	?	?	?	
264	2	0	0	0	Irreg.	†	5	Prod	---	M	Grav	?	34	---	---	1,500	1,825	?	?	*36-01-28; †Atmospheric
265	1	0	0	0	Irreg.	0	50	Prod	---	U	Grav	---	36	---	1,485	1,485	18,500	---	---	
266	2	0	0	0	Irreg.	350	100	Prod + Big Salt	1,200	U	Grav	---	30	?	---	1,050	14,600	1,040	14,600	
267	1	0	0	0	Irreg.	100	50	Prod	---	U	Grav	---	30	?	---	200	3,300	200	3,300	*Lease sold 12-31-67
268	1	---	0	0	Irreg.	100	15	Prod	---	U	Grav	1/5	33	---	767	---	---	---	---	
269	1	---	0	0	Irreg.	Grav.	5	Prod	---	U	Grav	1/5	33	---	81	---	---	---	---	
270	2	---	0	0	Irreg.	150	20	Prod	---	U	Grav	1/2	34	---	6,163	---	---	---	---	
271	2	---	0	0	Irreg.	300	40	Prod	---	U	Grav	1/3	32	---	9,377	---	---	---	---	
272	3	1	0	0	Irreg.	185	70	Prod + Salt Sand	450	U	S Gas	?	34	---	7,369	7,369	78,386	87,544	662,676	*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.	
CHAUTAUQUA Cont.																
273	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	139	D. J. Moore	3-34-11E	35	0	Peru	1,073	16	9	6	0	0	1955
274	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	227	Brooks, Hazelton, Hills	28-34-12E	115	0	Peru	1,020	19	14	7	0	0	1955
275	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	289*	Blundell, Spurllock	36-34-11E	25	0	Peru	1,159	26	3	11	---	1†	1955
276	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	330 39	John Davis, Huffman "A", J.M. Paxton, W.A. Van Leuvan	14,15,16,22,23-34-11E	320	0	Peru	1,051	30	9	28	0	0	1955
277	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	388	Peru Farms, Swallow	31-33-12E;6-34-12E	350	0	Peru	980	38	26	22	0	0	1955
278	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. Wichell	24-34-11E;19,20,29, 30,31-34-12E	640	---	Peru	1,055	153	51	30	1	1	1955
279	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	1473*	Brent, J. Gregg, Wadsworth	15,22,23,27-33-11E	520	0	Peru	1,220	40	42	13	---	---	1955
280	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	5925*	Albert Casement, Alan	29,32,33-33-11E;	300	0	Peru	1,187	25	17	12	0	8	1955
281	Peru-Sedan	Little Nick Oil Company	(P)Peru-Sedan	1029 7756 341	Casement, Charles Casement J.C. Conley, Michel De Armond, Haney & Johnston, C.H. Inglefield, J.A. Lowe, H.W. Moore, G.B. Oakes, C.C. Poor Farm	5-34-11E 10,15,22-34-12E	525	0	Peru	984	20	55	34	0	1	1955
282	Peru-Sedan	Petroleum Enterprises, Inc.	(P)	6320*	Alpine Fee, Hill	22,27,28-34-12E	---	---	Peru	1,000	15	25	---	0	0	--
283	Peru-Sedan	Shannon Brothers	(D)Turner-Johnson	3556	Johnson, Turner	6,7-35-12E	80	40	Peru	1,180	40	1	0	0	0	1953
284	Peru-Sedan	Shannon Brothers	(W)Viola Stafford	5477	Viola Stafford	8-34-12E	160	40	Peru	1,000	20	5	0	0	0	1957
285	Peru-Sedan	Wayne Sleeth	(P)	4408	Peister	16-34-12E	15	---	Peru	945	20	2	---	0	0	?
286	Peru-Sedan	The Star Producers, Inc.	(W)Jobe	7945	Jobe	8-34-12E	5	0	Wiser	1,000	12	2	---	0	0	1962
CLARK COUNTY																
287	Harper Ranch	Ashland Oil & Refining Co.	(W)Harper Ranch	8773	J.C. Harper, M.C. Harper	33,34-33-21W;3,4- 34-21W	1,680	---	Morrow	5,400	10	4	7	0	0	1962
288	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	5	1	0	0	1959
COFFEY COUNTY																
289	Dunaway	Vannocker & Aikman	(P)Isch	11607	Isch	11-22-13E	20	80	Burgess	1,812	13	2	0	0	1	1965
290	Neosho Falls-LeRoy	Boden Oil Co.	(D)Boden	11714	Boden	35-22-16E	120	0	Peru	970	7	5	0	1	1	1965
291	Neosho Falls-LeRoy	Settles & Bartlett	(P)Rue-B-Lee #1	11619		35-22-16E	30	---	Squirrel	962	12	11	---	0	0	1965
292	Neosho Falls-LeRoy	Settles & Bartlett	(-)Rue-B-Lee #2	11074	Viola Stafford	12-23-16E	5	0	Squirrel	946	8	2	0	0	0	1965
293	Virgil North	French & Winterschied, Inc.	(P)Kelly	199	Kelly	14-23-13E	90	20	Miss	1,800	6	10	1	1	0	1945
294	Virgil North	French Oil Co.	(P)Olinger	5835	Olinger	14-23-13E	80	0	Miss	1,800	5	6	0	1	0	1958
295	Winterschied	French Oil Co.	(P)Pilcher	5633	Pilcher	16-23-14E	20	0	Miss	1,700	5	2	0	0	0	1955
296	Winterschied	The Vannocker Oil Company	(W)Scott-Wiley- Cochran Unit	13346	Cochran, Scott, Wiley	13,14-23-14E	60	0	Miss	1,586	12	5	0	1	0	1967
COFFEY-WOODSON COUNTIES																
297	Neosho Falls-LeRoy	Newland Oil Co.	(W)Unit 13	2863	Murray Bros, Remlinger	13,24-23-16E	80	0	Squirrel	940	12	12	0	0	0	1952
298	Virgil North	Sunray DX Oil Company	(-)C. Bahr-J. Bahr	8745	C. Bahr, J. Bahr	14,23-23-13E	140	0	Miss	1,700	125	13	0	0	0	1961
299	Winterschied	The Vannocker Oil Company	(P)Vostrez-McCart- ney-Shotwell	13052	McCartney, Shotwell, Vostrez	14,23-23-14E	80	0	Miss	1,595	15	3	0	0	0	1964
COWLEY COUNTY																
300	Albright	Deck Oil Co.	(P)Albright	10481	Albright "A"	2-34-5E	10	---	Miss Chat	3,100	12	0	0	0	0	1964
301	Bernstorf	Gralapp & Everly	(-)Sontag-Bernstorf	11121	Bernstorf, Sontag	33,34-31-4E;4-32-4E	130	---	Bartl	3,049	22	4	---	0	---	1964
302	Bernstorf	Earl F. Wakefield	(D)Bernstorf	11349	Bernstorf	4-32-4E	80	0	Bartl	3,025	10	2	0	0	0	1964
303	Biddle	Stewart Producers, Inc.	(W)Biddle-NW Unit	7358 5563	CSO-Holt, DeFore-Roberts, Hawkins, Holt, Long "A", Long "B", Morris	36-31-4E;31-31-5E; 1-32-4E;6-32-5E	400	100	Cattleman	2,900	18	9	4	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 1967			To End of 1967		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,	
273	1	2	0	0	Irreg.	25	20	Prod + Salt Sand	450	U	S Gas	?	32	---	2,370	2,370	7,240	18,659	42,277	*15; †Converted
274	6	1	0	0	Irreg.	375	60	Prod + Salt Sand	450	U	S Gas	?	33	---	12,601	12,601	128,669	124,704	903,144	
275	1	4	0	0	Irreg.	Grav.	7	Prod + Salt Sand	450	U	S Gas	?	33	---	728	728	2,510	7,818	174,427	
276	4	4	0	0	Irreg.	255	45	Prod + Salt Sand	450	U	S Gas	?	34	---	2,854	2,854	64,843	68,347	1,047,835	
277	3	2	0	0	Irreg.	240	54	Prod + Salt Sand	450	-	S Gas	?	33	---	8,019	8,019	58,484	93,504	500,060	
278	12	15	0	1	Irreg.	212	63	Prod + Salt Sand	450	U	S Gas	?	34	---	46,603	46,603	271,015	455,832	2,277,484	
279	5	25	---	---	Irreg.	210	74	Prod + Salt Sand	450	U	S Gas	?	32	---	9,653	9,653	133,203	127,247	1,163,222	*793; 426; 383
280	4	12	0	5	Irreg.	260	65	Prod + Salt Sand	450	U	S Gas	?	32	---	23,548	23,548	93,328	217,403	2,095,752	
281	8	13	0	0	Irreg.	385	90	Prod + Salt Sand	450	U	S Gas	?	34	---	24,110	24,110	261,398	448,826	2,429,910	
282	5	0	0	---	Irreg.	300	40	Prod	---	T	S Gas	---	34	---	7,600	---	72,000	---	---	*3993
283	1	0	0	0	Irreg.	0	10	Prod	---	U	S Gas	1/3	35	?	1,840	500	3,600	5,400	17,200	
284	1	1	0	0	Irreg.	150	40	Prod	---	U	S Gas	1/2	34	?	6,600	3,000	12,000	15,000	63,000	
285	1	0	0	0	Irreg.	300	20	Prod	---	U	Grav	?	35	---	233	0	1,800	?	?	
286	1	0	0	0	3-spot	240	18	Big Salt Sand	700	-	Grav	9/1	30	---	766	383	6,480	---	20,500	
287	1	4	0	0	Irreg.	900	70	Prod	---	T	S Gas	?	37	?	4,480	4,480	25,500	64,450	2,587,664	
288	2	3	0	0	Line	Vac.	850	Prod + Sh Sd	---	M	S Gas	12/1	37	3	41,127	34,600	621,893	420,153	3,523,631	
289	1	1	0	0	Line	350	150	Prod + Douglas	658	T	Grav	1/2	39	---	1,012	300	54,750	800	124,500	
290	8	1	0	0	Peri.	?	10	Prod	---	U	Grav	1/1	26	?	2,284	200	2,200	200	2,200	
291	3	0	0	0	Irreg.	100	50	Prod + KC	180	T	---	---	26	---	7,665	7,665	7,243	25,790	62,243	
292	1	0	0	0	Line	150	15	Prod + KC	180	T	S Gas	---	26	---	1,825	1,825	4,240	4,725	24,240	
293	1	0	0	0	Irreg.	90	300	Prod	---	T	Wat	---	38	---	7,295	5,471	109,000	108,000	---	
294	1	0	0	0	Irreg.	150	160	Prod	---	T	S Gas	---	36	---	5,949	2,974	58,400	22,270	650,000	
295	1	0	0	0	Irreg.	75	50	Prod	---	T	S Gas	---	36	---	1,248	1,248	17,000	35,000	300,000	
296	4	0	0	0	Peri.	200	45	Prod	---	T	Grav	1/5	39	---	5,945	1,625	36,798	1,625	36,798	
297	9	2	0	0	5-spot	300	20	Prod + KC	320	U	Grav	---	27	---	9,080	4,540	65,000	299,223	1,210,934	
298	8	2	0	0	Irreg.	Vac.	235	Prod	---	T	S Gas	---	35	5.4	26,269	26,269	687,529	122,780	7,812,500	
299	1	1	0	0	Peri.	250	55	Prod	---	T	Grav	1/4	39	---	3,285	787	20,075	1,867	93,275	
300	1	0	0	0	Irreg.	0	70	Prod	---	U	S Gas	1/1	39	---	8,324	0	20,100	0	65,200	
301	1	0	0	0	Peri.	20	928	Prod + Stalnaker	1,899	U	S Gas	---	43	---	24,174	24,174	338,956	52,917	963,635	
302	1	0	0	0	Irreg.	0	250	Prod + Bartl	3,025	U	S Gas	---	39	---	6,027	3,014	91,250	6,851	514,250	
303	4	5	0	0	Line	980	635	Prod + Stalnaker	1,900	U	S Gas	8/2	39	---	22,226	22,226	860,228	248,995	5,161,874	

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.	
COWLEY Cont.																
304	Bolack	Lewis Operating Corp.	(P)Bolack	9844	Bolack, Briscoe	20,21-32-6E	150	50	Cattleman	2,875	16	3	0	0	2	1963
305	Burden	Texaco, Inc.	(W)Burden	9593		19,20,29,30,31-31-6E	960	---	Bartl	2,950	30	17	0	0	0	1963
306	Burden	Texaco, Inc.	(-)Burden East Unit	7293		32,33-31-6E	420	---	Layton	2,250	18	2	2	---	---	1959
307	Combs	W.R. Gross	(P)Combs	4028	Combs	5-30-5E	40	0	Bartl	2,830	25	5	0	0	0	1967
308	Combs	Rex & Morris Drilling Co.	(W)Graham	11853	Graham, Saxton, Swain	5,7,8-30-5E	160	0	Bartl	2,875	25	2	0	0	1	1965
309	Countryman	Lester E. Cox Oil Interests	(P)North Dexter Hoover Sand Unit	13736	Lester E. Cox, Marker, R.A. Marker, Radcliff, Radcliff "B", "C", Republic Pet. Co.	33-32-7E;4,5-33-7E	380	0	Hoover	1,400	16	5	0	1	1	1967
310	David	Okmar Oil Company	(W)David Field Wfd	7245 7111	Cloud, J. David, V.O. David, Hanna, Kelley, King B, G.E. Lewis	1,2,11,12-31-4E	525	275	Bartl	3,000	20	18	0	0	12	1959
311	David	Sohio Petroleum Company	(W)North David Unit	8007	David, Floyd, Hanlon, Wheeler	25,26,35-30-4E	273	---	Bartl	2,975	18	11	1	0	1	1960
312	Eastman	The Buckeye Corporation	(W)Eastman	5535	Eastman	6-31-6E	60	?	Bartl	2,816	62	1	0	0	0	?
313	Eastman	Texaco, Inc.	(*)Eastman Pool†	2536		30,31-30-6E;6-31-6E	290	---	Bartl	2,850	32	290	3	0	0	1929
314	Estes	The Buckeye Corporation	(W)Youle "A"	6936	Youle "A"	1-32-6E	?	?	Layton	2,189	56	6	0	0	0	?
315	Fra-Mar	Petroleum Management, Inc.	(W)Feaster, Thomas Johnson	13624	Feaster, Johnson, Thomas	22,27-30-4E	0	0	Bartl	2,852	15	0	0	0	0	1967
316	Frog Hollow	Phillips Petroleum Company	(W)Lena	7136		17-32-5E	50	?	Bartl	3,035	25	4	0	0	0	1959
317	Frog Hollow East	Clinton Oil Company	(D)East Frog Hollow	13155	T.E. Allen, C.L. Miller, Glenn Miller, Mabel C. Miller, R.H. Miller	14,15-32-5E	10	560	Bartl	3,050	13	1	3	0	0	1967
318	Geuda Springs	J.H. Wagner et al	(P)Wagner-Gibson	11996	Baird, Booton A, Booton B, Musson, Teasdall A, B	16,17,20-34-3E	40	?	Bartl	3,353	29	2	0	0	0	1965
319	Geuda Springs	Earl F. Wakefield	(D)Hower	3549	Hower	32-33-3E	40	0	Bartl	3,300	34	2	0	0	0	1954
320	Gibson	Aladdin Petroleum Corp.	(P)Baird	7357	Baird	29-34-3E	80	80	Bartl	3,360	30	7	0	0	0	1955
321	Gibson	Aladdin Petroleum Corp.	(P)Baird-Drennan	7357	Baird-Drennan	32-34-3E	160	0	Bartl	3,360	30	7	0	0	0	1955
322	Gibson	McNeish Oil Operations	(W)Wilson	4538	Wilson	29-34-3E	40	10	Bartl	3,380	18	2	0	0	0	1959
323	Gibson	Texaco, Inc.	(W)Gibson North Unit	8904		20,21,28,29-34-3E	400	---	Bartl	3,375	15	4	6	---	---	1962
324	Gibson	Texaco, Inc.	(-)Gibson South Coop	7170		32-34-3E	230	---	Bartl	3,480	17	9	5	---	---	1959
325	Graham	Crest Petroleum, Inc.	(W)Bradbury-Miller- Wright	13495	Bradbury, Miller, Wright "A"	10,15-33-3E	273	0	Miss Chert	3,255	30	11	0	0	0	1967
326	Graham	Earl F. Wakefield	(P)Boyles	8938	Boyles	11-33-3E	160	0	Bartl	3,275	15	5	0	0	0	1961
327	Harvey	Aylward Drilling Company	(D)Harvey	4843	Harvey	23-34-3E	10	9	Bartl	3,278	20	1	0	0	0	1961
328	Harvey	McNeish Oil Operations	(W)Snvder	4536	Snyder	15-34-3E	40	10	Bartl	3,270	18	3	0	0	0	1955
329	McKay	Robin Supply Corporation	(P)McKay-Gregory	5822	Gregory, McKay	17-35-4E	80	20	Bartl	3,400	10	5	1	0	0	?
330	Murphy	Morris Sitrin, Inc.	(P)Albright	9191	Albright	6-35-3E	80	0	---	---	---	1	0	0	0	1966
331	Posey	Moran Oil Company	(W)Muret	10928	Muret	21-33-4E	160	0	Miss	3,160	15	3	0	0	0	1964
332	Rahn	Rance Arnold	(W)Jesse Rahn*	3427	Jesse Rahn	13-34-5E	160	0	Bartl	2,920	20	3	0	0	0	1953
333	Rahn	B.B. Blair	(W)Rahn Unit	2844	D. Kavanaugh, W. Kavanaugh, George Rahn, Rowe, Thompson, M. Waldschmidt	12,13-34-5E;6,7- 34-6E	200	0	Bartl	2,900	22	6	0	0	0	1952
334	Rahn	Jenkins-Ray Supply	(W)	3313		14,22,23-34-5E	360	100	Bartl	2,800	18	4	0	0	0	1953
335	Rahn	W.D. Short	(-)Rahn Unit I	3368	Rahn Unit #1	32-33-6E;5,6-34-6E	150	150	Bartl	2,850	15	0	5	0	0	---
336	Rainbow Bend	Mead Production Co.	(W)Rainbow Bend Hunt	9696	Julia Hunt	16-33-3E	50	80	Bartl	3,200	20	2	0	0	0	1952
337	Rainbow Bend	Sunset International Petroleum Corporation	(P)J.U. Hunt	6330 2918	E.E. Hunt, J.U. Hunt	16,21-33-3E	365	0	Bartl	3,200	25	1	1	0	0	1957
338	Rainbow Bend	Sunray DX Oil Company	(-)Rainbow Bend	2999	W. Beebe, T. Snyder, N. Wertman	20,21,29-33-3E	460	821	Bartl	3,200	30	2	0	0	0	1962
339	Rainbow Bend West	McNeish Oil Operations	(W)Rainbow Bend West	7468	Hesket, Holman, Nelson	19-33-3E	130	20	Bartl	3,180	12	8	0	0	0	1960
340	Rock	Bodock Oil Co.	(W)Clarke*	6772	F.C. Clarke	31-30-4E;6-31-4E	47	47	Bartl	2,850	12	3	0	0	0	1959
341	Rock	CRA, Inc.	(W)Rock Unit I	3376	Joslin "B", Wilson "A", "B"	11,12-30-4E	10	110	Bartl	2,800	15	1	0	0	0	1952
342	Rock	CRA, Inc.	(W)Rock Unit II	3382	Boeger, Boeger "A", Davis, Joslin "A", Mabry	21-30-4E	360	0	Bartl	2,800	20	4	1	0	0	1953
343	Rock	CRA, Inc.	(W)Rock Unit III	4381	Dickinson, Morton, Mueller, Phelps, Sims, Woner, Youle	20,29,30,31,32-30-4E	170	0	Bartl	2,800	17	4	0	0	0	1955
344	Rock	Stelbar Oil Corp., Inc.	(W)Clark-Donovan	5280	Clarke, Donovan	31-30-4E	240	---	Cattleman	2,750	20	3	0	0	0	1956
345	Rock	Stelbar Oil Corp., Inc.	(W)Dewitt	7533	Dewitt	12-31-3E;7-31-4E	160	---	Cattleman	2,750	20	2	0	0	0	1960
346	Rock	Stelbar Oil Corp., Inc.	(W)Graham	5820	Graham	6,7-31-4E	240	0	Cattleman	2,800	20	3	0	0	0	1958
347	Rock	Stelbar Oil Corp., Inc.	(W)Olson	7534	Fletcher, Frier, Olson	12,13-31-3E	160	---	Cattleman	2,750	2	5	0	0	0	1961
348	Rock	Stelbar Oil Corp., Inc.	(-)Rock North Unit	12366	Daves, Davis, Hornaday, Shawver	2,3,9,10-30-4E	680	0	Cattleman	2,800	20	19	0	2	0	1960
349	Rock	Stelbar Oil Corp., Inc.	(W)Shawver Ranch	12366	Shawver Ranch	2,3-30-4E	160	160	Cattleman	2,750	20	0	3	0	0	1953

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 1967			To End of 1967		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,	
304	3	0	0	0	Peri.	350	310	Prod + Layton	1,900	U	S Gas	5/2	40	8	29,544	29,544	365,160	266,268	1,920,484	
305	23	1	0	0	5-spot	0	610	Prod + Stalnaker	1,800	U	S Gas	87/37	38	---	192,561	192,499	4,164,986	---	10,094,631	
306	0	14	---	---	Peri.	0	0	Prod	---	-	Wat	1/29	40	---	1,479	0	0	---	---	*Lease abnd July 1967
307	1	0	0	0	5-spot	300	240	Prod	---	U	S Gas	?	41	?	12,332	12,332	62,400	12,332	86,359	
308	1	0	0	0	Irreg.	40	200	Prod	---	T	S Gas	3/11	40	---	7,674	---	73,000	---	---	
309	2	0	2	0	Peri.	215	725	Layton	2,112	U	S Gas	1/3	37	7	1,940	0	75,658	0	75,658	
310	19	0	0	7	5-spot	700	134	Prod + Layton	2,100	U	S Gas	?	40	---	28,233	28,233	928,092	1,856,571	18,592,965	
311	9	0	0	0	Irreg.	1,000	168	Prod + Stalnaker	1,950	T	---	2/1	40	---	49,905	49,905	495,583	712,662	4,345,318	
312	1	0	0	0	Irreg.	0	80	Prod	---	U	S Gas	?	38	?	5,795	?	?	?	?	
313	3	4	0	0	Irreg.	---	458	Prod	---	U	S Gas	12/19	37	---	739	739	458,640	---	2,551,669	*Gas injection; †Lease abandoned Oct 1967
314	1	1	0	0	Irreg.	0	200	Prod	---	U	S Gas	?	38	?	3,840	?	---	?	?	
315	1	0	0	0	Irreg.	0	170	Prod	---	U	S Gas	1/1	40	---	34,992	0	25,200	0	25,200	
316	1	0	0	0	5-spot	0	120	Prod	---	U	Wat*	1/6	41	5	4,106	4,106	43,615	53,687	342,927	*S Gas
317	1	0	0	0	Irreg.	Vac.	35	Prod	---	U	S Gas	10/90	38	4.8	2,641	132	10,950	132	10,950	
318	2	0	0	0	Irreg.	0	100	Prod + Fresh	73	F	S Gas	25/75	38	?	21,250	750	123,780	2,950	300,099	
319	2	0	0	0	Irreg.	0	400	Prod + Bartl	3,300	T	S Gas	---	38	---	2,460	1,230	146,000	56,883	871,000	
320	5	0	0	0	Irreg.	200	250	Prod + Layton	2,686	T	Wat	---	39	---	2,390	2,390	589,255	448,633	4,249,715	
321	8	0	0	0	Irreg.	200	275	Prod + Layton	2,686	T	Wat	---	39	---	15,868	15,868	962,306	950,638	5,652,050	
322	2	0	0	0	5-spot	124	221	Prod + Layton	2,800	T	S Gas	---	40	---	6,394	6,394	800,787	84,253	1,139,477	
323	0	12	---	---	5-spot	0	0	Prod + Stalnaker	---	U	S Gas	13/21	36	---	7,506	---	0	---	0	
324	6	4	0	0	5-spot	300	670	Stalnaker	---	U	---	31/66	37	---	18,477	18,477	804,793	---	7,438,355	
325	5	0	0	0	Irreg.	Vac.	100	Prod + Stalnaker	2,190	U	Wat + S Gas	33/67	40	---	22,043	0	63,365	0	63,365	
326	1	0	0	0	Irreg.	0	300	Prod + Bartl	3,275	U	S Gas	---	40	---	8,840	2,210	99,000	33,967	650,000	
327	1	0	0	0	Irreg.	Grav.	130	Prod	---	T	Grav	---	37	?	2,512	2,512	47,450	15,303	334,940	
328	1	0	0	0	Irreg.	421	67	Arkansas River*	8	F	S Gas	---	38	---	6,238	6,238	24,422	121,057	1,030,727	*Underflow
329	2	1	0	1	Irreg.	---	---	Prod + Layton	2,800	U	S Gas	?	39	---	3,427	3,427	116,642	242,006	?	*5818
330	1	0	0	0	Irreg.	---	304	Prod	---	M	Grav	---	36	---	2,437	2,437	110,825	5,276	176,498	
331	1	0	0	0	Irreg.	100	224	Prod	---	U	S Gas	---	42	---	10,993	10,993	84,974	25,769	201,241	
332	2	0	0	0	Irreg.	Grav.	380	Prod + Elgin	1,237	U	S Gas	1/10	37	---	3,816	3,816	234,894	182,292	3,805,262	*Lease sold 11-1-67
333	4	1	0	1	Irreg.	20	390	Prod + Elgin	1,220	U	S Gas	?	37	---	14,796	14,796	504,174	594,152	8,093,391	*Temporarily abandoned
334	2	0	0	0	Line	150	250	Prod	3,053	U	Gas Exp	---	---	---	2,911	2,911	?	---	---	
335	0	8	0	0	Line	Grav.	---	Layton	2,100	U	S Gas	99/1	40	---	0	---	183,000	1,158,222	?	
336	1	1	0	0	Irreg.	0	130	Prod	---	U	Wat*	60/40	41	?	7,537	7,537	56,845	262,342	1,724,500	*S Gas
337	1	1	0	0	Irreg.	150	1,100	Prod	---	U	Wat	---	40	?	9,575	9,575	400,000	301,123	2,053,078	
338	4	0	0	0	Irreg.	480	204	Prod	---	T	Wat	1/15	40	2.1	11,003	11,003	298,761	1,355,669	28,554,387	
339	4	1	0	0	Peri.	402	715	Prod + Arkansas*	16	F†	S Gas	---	40	---	19,117	19,117	257,695	166,466	2,046,075	*River Underflow; †U
340	2	0	0	0	Irreg.	390	350	Prod + Stalnaker	1,900	U	S Gas	?	40	?	3,096	3,096	119,690	100,441	1,321,930	Lease sold Nov 1967
341	1	0	0	0	Line	0	14	Prod	---	U	S Gas	1/0	37	?	2,041	2,041	5,572	124,282	1,214,467	
342	4	0	0	0	Line	980	242	Prod	---	U	S Gas	8/1	37	?	11,250	11,250	299,338	723,727	7,035,461	
343	3	1	0	1	Line	649	213	Prod + Stalnaker	1,911	U	S Gas	17/8	38	?	6,812	6,812	155,091	641,738	4,428,798	
344	3	0	0	0	Line	700	200	Prod + Stalnaker	1,850	T	S Gas	---	39	---	12,589	12,589	208,531	209,269	1,480,828	
345	2	0	0	0	Line	700	100	Prod + Stalnaker	1,850	T	S Gas	---	39	---	1,954	1,954	70,000	72,560	349,146	
346	4	0	0	0	Line	700	200	Prod + Stalnaker	1,900	T	S Gas	---	39	---	5,186	5,186	204,328	205,715	---	
347	5	0	0	0	Line	700	100	Prod + Stalnaker	1,850	T	S Gas	---	39	---	12,314	12,314	163,041	308,906	1,071,211	
348	10	0	0	0	Line	200	130	Prod + Stalnaker	1,800	T	S Gas	---	39	---	86,495	43,247	514,492	53,240	899,806	
349	0	3	0	0	Line	500	0	Prod + Stalnaker	1,800	T	S Gas	---	39	---	0	0	0	130,184	1,044,000	

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.	
COWLEY Cont.																
350	School Creek North	Petroleum Enterprises, Inc.	(P)	6951	Beamer, Miller	10,11-32-7E	60	---	Layton	2,230	10	12	---	1	---	1963
351	Shannon	Lewis Operating Corp.	(P)Shannon Unit	9056		23,24,25,26,35-31-5E	1,100	600	Layton "A"	2,360	11	35	16	0	0	1962
352	Smith	Brunson-Spines	(W)Smith Wfd Project	12927	Hann, Hann "B", Holtje, Huggins, Mowder	10,15-31-3E	120	0	Bartl	3,000	16	5	0	3	0	1966
353	Trees	Lewis Operating Corp.	(W)Trees	10811		19,30-30-4E	200	50	Bartl	2,860	12	8	1	0	0	1964
354	Werner	E.T. Lindsay	(W)Feaster	8340	Cranston, Feaster, Kadau, Wahlenmaier	30-32-6E	240	40	Layton	2,240	7	8	1	0	0	1961
355	Windsor & Windsor Southwest	Gralapp & Everly	(W)Windsor	13105	Hough, Jarvis "A", "B", "D", "E", "F"	31-31-8E;6,7-32-8E	360	0	Layton	1,927	15	14	3	0	0	1967
356	Winfield	H.H. Blair	(P)Lorton	8785	Lorton	25-32-4E	160	---	Layton	2,800	20	4	0	0	0	1961
357	Winfield	Gulf Oil Corporation	(D)Mary Shannon	1857	Mary Shannon	24-32-4E	30	0	Bartl	2,980	38	7	0	0	0	1948
358	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
359	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
360	Winfield South	Gralapp & Everly	(-)Winfield South	9429	Elam, Johnson	11,12-33-4E	50	---	Hoover	1,730	15	5	0	0	All	1962
CRAWFORD COUNTY																
361	Farlington	Walter Duncan, Inc.	(W)Burge	11453	Burge	2-28-23E	85	0	Peru + Miss	175	20	32	0	0	0	1965
362	Farlington	E.J. Dunigan, Jr.	(W)Mitchell-Mein	11734	Mitchell	2-28-23E	15	0	Peru	195	16	7	0	0	0	1965
363	Farlington	Wel-Kan Oil Company	(W)Holtman	9856	Esther M. Holtman	2-28-23E	60	0	Peru	160	20	20	0	0	0	1962
364	Heppler	Waldo Huning	(W)Elmer	9138		30-27-22E	6	---	Bartl	585	10	10	---	0	0	1962
365	McCune	John Walters	(-)Parsons	9107	Hobson, Kime, Parsons	29-30-22E	---	---	---	---	---	---	---	---	---	---
366	Walnut Southeast	Fultz & Moore	(W)Phillips	4926	Wm. Phillips	28-28-22E	160	0	Bartl	360	20	12	0	1	0	1965
367	Walnut Southeast	Russell Fultz	(-)Wintjen	6487	Wintjen	27-28-22E	40	0	Bartl	390	15	4	4	0	0	1959
368	Walnut Southeast	General American Oil Co. of Texas	(W)Walnut	3105	Engel, Mein	27,28-28-22E	200	0	Bartl	370	12	39	2	0	0	1959
369	Walnut Southeast	Heaton Production Company	(-)Wintjen	6487	Wintjen	27-28-22E	40	0	Bartl	390	15	8	0	0	0	1959
DECATUR COUNTY																
370	Decatur Center	Halliburton Oil Producing Company	(P)Harmon	10845	Harmon	21-3-28W	40	?	Lans-KC	3,744	30	2	0	0	0	1964
371	Feely	Continental Oil Company	(W)Feely L-KC	9859	C.E. Feely, R. Koepferich	2,11-5-27W	64	0	Lans-KC	3,600	11	1	3	0	0	1963
372	Jennings	Texaco, Inc.	(W)Jennings Unit	8190		25,36-4-27W	640	---	Howard*	3,175 ⁺	9	13	0	0	0	1961
373	Pollnow	Rocket-Schusterman Oil Account	(W)Pollnow	7653	Pollnow Unit	3,4,5,8,9-3-29W	740	400	Lans-KC	3,740	4	7	0	0	0	1960
374	Vavroch	Halliburton Oil Producing Company	(P)Vavroch	13755	Vavroch	33-3-28W;4-4-28W	320	0	Lans-KC	3,808	25	8	0	0	0	1962
375	Warner	Cities Service Oil Co.	(W)Warner Unit	12401	Warner Unit	1,2,11,12-1-27W	80	0	Lans-KC	3,226	12	10	0	1	0	1966
DOUGLAS COUNTY																
376	Baldwin	The Dow Chemical Company	(W)Baldwin Unit	12705	East Bell, Mary Bell, West Bell, Henry, Johnson	1,2-15-20E	161	0	Squirrel	850	16	18	1	0	0	1966
377	Baldwin	Russell Hays	(D)Smith-Danly	6934	Danly, Smith	9-15-20E	10	---	Squirrel	825	16	2	---	0	0	1958
DOUGLAS-FRANKLIN COUNTIES																
378	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	2	0	0	1964
EDWARDS COUNTY																
379	Enlow	Messman-Rinehart Oil Co.	(-)Enlow	5006	Enlow	9-24-16W	40	0	Lans-KC	3,740	6	2	0	0	0	1956
380	Enlow	Messman-Rinehart Oil Co.	(D)Hahn	6178	Hahn	4-24-16W	100	0	Lans-KC	3,740	6	2	0	0	0	1958
381	Wil	Helmerich & Payne, Inc.	(P)English	11226	English	28-25-16W	10	0	Miss Congl	4,400	13	0	0	0	0	1964
382	Wil	D.R. Lauck Oil Co., Inc.	(W)Wil Pool Unit	12216	Budde, Kearns, Mantey, Russell A	23,26-25-16W	640	0	Miss	4,350	50	16	---	0	0	1966
383	Wil	Leben Drilling, Inc.	(D)Wilson	12538	Russell, Wilson	26-25-16W	?	320	Miss Congl	4,360	20	0	0	0	0	1967
384	Wil	Nat. Coop. Ref. Assn.	(W)Rex Cudney	13809	Rex Cudney	27-25-16W	30	0	Cherokee	4,340	24	3	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 1967			To End of 1967		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,		
350	3	---	---	---	Irreg.	250	500	Prod	1,670	U	S Gas	---	40	---	26,572	---	400,145	---	---		
351	7	0	0	0	Peri.	400	691	Prod + Stalnaker	1,950	T	S Gas	5/1	42	4.3	424,451	400,000	1,806,934	2,924,407	11,005,699		
352	3	1	0	0	Irreg.	600	436	Prod + Stalnaker	2,150	U	S Gas	9/60	37	?	59,444	59,444	477,587	59,444	612,034		
353	4	0	0	0	Irreg.	800	153	Prod + Ground	32	M	S Gas	10/1	40	6	9,235	9,235	224,000	40,366	680,248		
354	2	0	0	0	Irreg.	Grav.	41	Prod + KC	2,450	T	S Gas	?	37	---	16,336	700	14,965	700	173,455		
355	9	0	0	0	Peri.	0	187	Prod + Stalnaker	1,698	M	S Gas	5/95	--	?	15,993	8,716	536,666	8,716	536,666		
356	4	0	0	0	Irreg.	0	110	Prod	---	U	S Gas	---	39	---	5,479	5,479	160,842	427,122	791,745		
357	1	0	0	0	Line	0	0	Prod	---	U	S Gas	20/58	41	---	4,554	0	9,235	20,000	685,862		
358	1	0	0	0	5-spot	100	400	Prod + Layton	2,230	U	S Gas	1/5	40	?	10,663	2,000	146,000	?	2,975,000		
359	1	0	0	0	Peri.	20	165	Prod + Stalnaker	1,925	U	Wat	---	39	---	5,608	1,402	60,225	9,812	397,225		
360	1	0	0	1	Peri.	3	140	Peacock Sand	1,394	-	S Gas + Wat	---	38	---	508	508	14,600	35,863	243,975	*Lease abandoned	
361	24	1	0	0	5-spot	151	16	Prod + Miss	628	F	S Gas	?	32	19	14,514	14,514	142,553	43,198	361,873		
362	4	0	0	0	5-spot	150	31	Miss	600	M	S Gas	---	29	?	3,289	3,289	45,670	9,662	99,440		
363	18	0	0	0	5-spot	175	15	Prod + Burgess	610	F	Comb	---	31	*	12,624	10,000	130,000	68,561	452,800	*18.9 @ 62°	
364	3	0	0	0	Irreg.	475	45	Prod + Ft Scott	300	U	Grav	98/2	26	---	3,700	3,000	50,000	18,800	212,000		
365	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	*Inactive
366	12	0	0	0	---	320	10	Prod + Arbuc	1,000	M	Grav	1/1	29	?	3,500	875	4,000	905	4,000		
367	7	0	0	0	5-spot	320	40	Arbuc	970	U	Gas Exp	---	28	?	205	---	2,400	3,653	68,400		
368	62	0	0	0	7-spot	346	7	Prod + Arbuc	940	M	S Gas	?	28	38	12,510	12,510	150,618	145,568	1,810,990		
369	7	0	0	0	5-spot	320	40	Arbuc	970	U	Gas Exp	---	28	?	205	---	2,400	33,653	68,400		
370	1	0	0	0	Irreg.	700	156	Prod	---	T	S Gas	12/6	36	*	15,191	0	56,970	0	127,482	*16.7 @ 40°	
371	2	2	0	0	Line	0	289	Prod + Water Sand	175	M	S Gas	?	35	---	14,074	13,351	166,605	100,923	691,782		
372	7	0	0	0	Peri.	800	270	Cedar Hills	1,680	T	---	5/18	37	---	45,712	29,787	890,649	---	4,454,719	*Lans; †3500	
373	1	1	0	0	Irreg.	0	---	Prod + Dakota	1,425	U	*	---	38	---	24,292	24,292	245,000	244,989	1,377,676	*Liquid expansion	
374	1	0	0	0	Irreg.	700	69	Prod	---	U	S Gas	80/20	36	*	116,343	0	25,294	0	131,918	*16.7 @ 40°	
375	5	0	0	0	Irreg.	866	230	Prod + Cheyenne	1,265	U	S Gas	97/60	34	?	33,372	33,372	420,366	34,627	495,296		
376	9	0	0	0	Line	297	76	Prod + Roubidoux	2,020	T	S Gas	41/59	25	*	7,274	7,274	249,656	10,223	318,014	*120 @ 75°	
377	1	0	0	0	Irreg.	Grav.	10	Prod	---	U	S Gas	---	26	?	5	1	10	1,500	20,000		
378	19	3	0	0	Line	550	85	KC	60	F	S Gas	1/0	24	26	41,645	41,645	590,647	152,262	1,882,565		
379	1	0	0	0	Irreg.	0	351	Prod	---	U	Wat	?	31	?	1,511	400	128,174	5,388	912,189		
380	1	0	0	0	Irreg.	0	247	Prod	---	U	Wat	?	31	?	3,732	1,800	90,162	44,876	932,613		
381	1	0	0	0	Irreg.	Vac.	16	Prod	---	U	S Gas	12/31	34	?	813	0	5,802	0	25,259		
382	4	0	0	0	---	0	3,200	Fresh	42	F	Gas Exp	25/41	35	---	16,229	0	793,254	0	1,087,642		
383	0	0	0	0	Irreg.	Vac.	75	Prod	---	U	Gas Exp*	1/1	34	---	3,960	0	2,250	0	2,250	*Grav	
384	1	0	0	0	Irreg.	0	217	Prod + Gravel Bed	60	M	S Gas	2/1	36	---	1,769	0	13,028	0	13,028		

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.	
ELK COUNTY																
385	Arbuckle	A. Dale Arbuckle	(P)Neubecker	11138	Neubecker	19-31-9E	80	40	Arbuc	2,550	10	1	0	0	1	1967
386	Dunkleberger	C E G Oil Co.	(W)Dunkleberger	2730	Dunkelberger	34-29-10E	70	0	Red Sand	1,295	25	9	0	0	0	1946
387	Key	W.N. Huffine	(D)Key or Spease	11830	E.O. Spease	25-31-10E	0	0	Peru	1,540	45	0	0	0	0	1965
388	Moline	International Oil Corp., Inc.	(W)Moline	10390	Baker, Bell, J. Eyman, M. Eyman, Smith	9,10-31-10E	140	30	Miss Dol	1,995	20	6	1	0	0	1963
389	New Albany	Janney Drilling Co.	(-)Pickell	9793	Pickell	34-28-13E	60	0	New Albany	550	15	5	0	0	0	1962
390	New Albany	Janney Drilling Co.	(-)Pickell	11625	Manderscheid	4-29-13E	20	0	New Albany	600	15	2	---	0	0	1967
391	Preston	Criger Oil Co.	(-)Elliott	11877		12-30-9E	30	---	Miss	2,250	12	0	---	0	0	1966
392	Shrader	Aladdin Petroleum Corp.	(P)Shrader	11214	Shrader	12-31-8E	160	0	KC	1,654	40	6	0	0	0	1963
393	Schrader	A. Dale Arbuckle	(D)	2789	Arbuckle	12-31-8E	40	10	KC	1,640	12	2	0	0	1	1952
ELLIS COUNTY																
394	Air Base	American Petrofina Company of Texas	(D)Braun "D"	12516	Braun "D"	34-13-16W	40	0	Penn Congl	3,459	7	1	0	0	0	1966
395	Air Base	American Petrofina Company of Texas	(W)Pratt Airbase	10613	Pratt Airbase	27-13-16W	110	0	Gorham	3,464	15	6	2	0	0	1966
396	Beeching	Morgenstern Oil Operations	(W)Beeching Wfd	12629	Beeching, Daisy, Gorham, Sarah	34,35-15-16W	---	---	Lans-KC	3,330	15	3	0	0	1	1966
397	Bemis-Shutts	Gulf Oil Corporation	(W)Pearl	11239	Pearl	13-11-17W	80	0	Lans-KC	3,068	---	2	0	0	0	1964
398	Bemis-Shutts	Lario Oil & Gas Company	(P)Henderson "E"	12116	Henderson "E"	22-11-18W	80	0	Topeka*	---	---	4	0	0	0	1965
399	Bemis-Shutts	Lario Oil & Gas Company	(P)Henderson E	12788	Lario-Henderson E, Sohio-Henderson A	22-11-18W	160	0	Arbuc	---	---	2	0	0	0	1966
400	Bemis-Shutts	Lario Oil & Gas Company	(P)Marshall E	11979	Marshall E	24-11-18W	480	0	Lans-KC	---	---	5	0	1	0	1965
401	Bemis-Shutts	Mallonee-Coppinger Operations, Inc.	(W)Windholz	7923	Hall "A", Windholz "A", Windholz "B"	2,3-12-17W	90	0	Arbuc	3,600	50	2	0	0	0	1960
402	Bemis-Shutts	Okmar Oil Company	(W)Lynn-Henderson	12976	Henderson, Lynn A, B, C, D, E	22,23-11-18W	400	0	Lans-KC	3,350	5	1	1	0	0	1966
403	Bemis-Shutts	Shade & Berry	(D)	12769		15-11-18W	40	0	Lans-KC	3,132	10	3	---	0	0	1966
404	Bemis-Shutts	Sierra Petroleum Co., Inc.	(W)Scheidler "E"	11621	Scheidler "E"	8-12-17W	160	0	KC + Arbuc	3,340*	224†	2	0	0	0	1965
405	Bemis-Shutts	Tenneco Oil Company	(W)Frank S. Wasinger	10120	Frank S. Wasinger	21-11-18W	160	120	Lans-KC	3,320	6	6	0	0	0	1963
406	Bemis-Shutts	Texaco, Inc.	(W)M. Dean O/A	12715		22-11-18W	160	0	Lans	3,170	5	5	0	---	---	1966
407	Bemis-Shutts	Texaco, Inc.	(W)Opdyke "A"	8552	Opdyke "A"	15-11-18W	---	2	Lans	3,170	4	4	0	0	0	1966
408	Catherine	C.L. Hanes	(P)Giebler	7989	Giebler A	10-13-17W	20	20	KC	3,270	5	1	0	0	0	1961
409	Catherine	Kewanee Oil Company	(W)Catherine	11933		10,11-13-17W	190	0	KC	3,250	210	9	1	0	0	1966
410	Catherine Northwest	M.J. Bove Operating Co.	(W)Walter-Wolfe	7733*	Walter, Wolfe	4-13-17W	40	80	Lans-KC	3,242	6	1	---	0	0	1960
411	Catherine Northwest	Texaco, Inc.	(W)M. Wolfe "A" O/A	10619	M. Wolf	4-13-17W	70	---	Lans	3,350	---	4	0	0	0	1964
412	Catherine South	Texaco, Inc.	(P)L.J. Dreiling E	10574	L.J. Dreiling "E"	22-13-17W	100	---	Arbuc	3,550	---	6	0	0	0	1964
413	Cromb	The Shallow Water Ref. Co.	(P)Zachman	5605	Zachman	15-11-20W	160	0	Lans-KC	3,554	8	3	1	0	0	1957
414	Dechant	Nat. Coop. Ref. Assn.	(W)Dechant	13603	Dechant	6-15-18W	20	0	Lans	---	---	1	0	0	0	1967
415	Degenhart	Morgenstern Oil Operations	(-)Degenhardt*	6952		15-15-17W	---	---	---	---	---	---	---	---	---	---
416	Dreiling	Marvin D. Goetz	(D)Heyl	6221	Heyl	26-14-16W	40	0	KC + Arbuc	3,060*	15	2	0	0	0	1958
417	Eagle Creek	Veeder Supply & Development Company	(W)Eagle Creek	13073	Eagle Creek	2,10,11-11-20W	135	0	Toronto + Lans-KC	3,270	25	3	0	0	0	1967
418	Emmeram	CRA, Inc.	(D)Froelich	7142	Froelich "A"	4-13-16W	20	0	Lans-KC	3,200	22	1	0	0	0	1959
419	Emmeram	CRA, Inc.	(-)Froelich-Madden*	10998	Madden	4-13-16W	---	---	---	---	---	---	---	---	---	---
420	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
421	Fairport	Solar Oil Company	(W)Katie Austin Brungardt et al	5267	Wieland C	36-12-16W	130	0	Lans-KC + Dodge	3,000	90	7	0	0	0	1957
422	Fairport	Solar Oil Company	(W)Schmitt B	8741		12-13-16W	40	0	Lans-KC	3,050	20	2	0	0	1	1961
423	Fairport	Solar Oil Company	(W)Wieland B	10416		1-13-16W	70	0	Lans-KC*	3,050	30	7	0	0	0	1963
424	Irvin	Lario Oil & Gas Company	(P)Younger	13890	Younger	25-13-20W	120	0	Lans-KC	3,652	8	2	0	0	0	1967
425	Leiker East	Kewanee Oil Company	(W)Leiker-Herl	13599	Herl, Leiker	13-15-18W	210	0	KC	3,304	29	---	---	---	---	1967
426	Leiker East	Rock Island Oil & Refining Co., Inc.	(W)Dechant Wfd	8397	Dechant	14-15-18W	40	40	Lans-KC	3,220	8	0	0	0	0	1961
427	Leiker Southeast	Baruch-Foster Corporation	(W)Witt	13651	Witt	14-15-18W	10	40	Lans	3,450	4	1	0	0	0	1967
428	Lieb	Okmar Oil Company	(W)Thurston Wfd	13542	Thurston	8-11-16W	40	0	Lans-KC	3,040	5	1	1	0	0	1967
429	Lieb East	Chief Drilling Co., Inc.	(W)Lundy	13535	Lundy	16-11-16W	120	---	Lans-KC	---	---	3	0	0	0	1967
430	Lieb East	Shields Oil Producers, Inc.	(W)Craig-Lundy	13428	Craig, Lundy	16-11-16W	160	0	Lans-KC	3,000	?	3	0	0	0	1967
431	Mixer	D & D Drilling Co., Inc.	(P)Mixer	13093	Mixer "C"	7-11-20W	60	0	Lans-KC	3,372	19	1	0	0	0	1966
432	Penny-Wann	F.R. Bever	(D)Penny-Wann	2746	Penny-Wann	13-15-20W	80	0	Regan	3,700	?	---	---	---	---	---

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 1967			To End of 1967		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,	
385	1	0	0	0	Irreg.	350	250	Prod	---	T	Wat	10/90	36	?	8,000	0	30,000	0	30,000	
386	7	0	0	0	5-spot	500	44	Prod + KC	1,200	U	S Gas	---	35	---	6,120	5,100	111,471	354,994	1,944,884	
387	1	0	0	0	Irreg.	0	8	Prod	---	U	Comb	?	38	?	0	0	3,000	0	10,000	
388	1	1	0	0	Peri.	100	1,000	Prod	---	U	S Gas + Wat	?	33	?	7,282	15,537	310,000	47,095	1,367,000	
389	2	0	0	0	Irreg.	325	30	Prod	---	M	Wat	10/90	32	?	500	250	5,000	6,700	65,000	
390	1	0	0	0	Irreg.	5-100	5	Prod	---	M	Wat*	30/70	30	?	350	0	700	0	700	*S Gas
391	---	0	0	0	Line	0	300	Prod	---	U	Wat	10/90	32	---	25,000	0	207,000	0	207,000	
392	1	0	0	0	Irreg.	200	275	Prod + Layton	1,550	U	Wat	---	32	---	13,458	13,458	117,394	366,881	397,880	
393	1	0	0	0	3-spot	0	20	---	---	U	S Gas	40/60	32	?	1,900	0	2,000	0	?	
394	1	0	0	0	Peri.	0-100	22	Prod	---	U	S Gas	1/3	32	---	1,409	0	8,099	0	15,823	
395	1	0	0	0	Irreg.	Vac.	365	Prod	---	U	S Gas	1/6	--	---	19,179	6,057	132,714	6,057	161,414	
396	1	0	---	1	Irreg.	---	100	Prod + Fresh	---	M	S Gas	1/8	35	---	3,799	0	109,000	500	255,000	
397	1	0	0	0	Irreg.	510	559	Prod + Arbuc	3,369	U	S Gas	1/46	36	---	4,813	4,813	217,112	15,566	693,891	
398	1	0	0	0	Irreg.	Grav.	225	Prod	---	T	S Gas	1/6	28	?	35,212	26,212	82,209	26,212	185,685	*Lans-KC
399	1	0	0	0	Irreg.	Grav.	3,184	Prod	---	T	S Gas	1/84	28	?	8,736	?	1,162,287	?	1,441,826	
400	2	0	0	0	Irreg.	530	376	Prod	---	T	S Gas	1/6	32	?	13,778	3,218	274,739	5,562	566,931	
401	1	0	0	0	Irreg.	Vac.	190	Prod	---	T	Wat + S Gas	65/35	30	?	19,377	9,000	63,875	47,200	268,875	
402	1	1	0	0	Peri.	0	440	Arbuc	3,600	U	S Gas	?	33	?	16,312	0	160,690	0	216,040	
403	1	0	0	0	Irreg.	Vac.	200	Prod	---	U	S Gas	---	35	---	10,700	5,200	146,000	10,700	173,000	
404	1	0	0	0	Irreg.	Grav.	145	Prod	---	T	S Gas	1/5	31	7	9,127	4,564	52,892	21,650	131,856	*3600; †26
405	4	0	0	0	Irreg.	100	125	Prod	---	U	---	6/23	34	---	28,882	28,882	371,465	133,333	1,713,222	
406	1	0	0	0	Irreg.	0	340	Prod	---	U	S Gas	?	33	12	2,523	0	33,560	---	---	
407	1	0	0	0	Irreg.	Vac.	800	Prod	---	U	S Gas	19/62	33	---	8,871	---	---	---	---	
408	1	0	0	0	Line	500	250	Prod	---	U	Grav	20/80	29	---	583	0	36,000	11,700	382,000	
409	4	0	0	0	Peri.	80	167	Prod	---	U	S Gas	1/18	29	?	33,703	4,300	244,154	4,915	418,921	
410	1	0	0	0	Irreg.	0	130	Prod	---	U	S Gas	90/10	37	?	3,092	1,510	47,450	61,861	604,847	*5584
411	3	0	0	0	Irreg.	30	877	Prod + Cheyenne	750	U	S Gas	21/33	---	31	9,965	---	320,383	---	---	
412	0	0	0	0	Irreg.	0	0	Prod	---	U	Wat	24/52	32	---	29,675	29,675	---	---	?	
413	1	1	0	0	Irreg.	165	304	Prod	---	T	S Gas	---	28	*	5,835	3,200	111,092	7,568	1,028,954	*27.5 @ 100°
414	1	0	0	0	Irreg.	0	35	Prod + Arbuc	3,607	U	S Gas	1/0	38	---	1,037	0	6,380	0	6,380	
415	---	---	---	---	---	---	---	---	---	T	---	---	---	---	---	---	---	---	---	*Lease abandoned
416	2	0	0	0	---	---	---	Prod	---	T	Grav	10/90	37	---	1,086	807	34,560	---	---	*3348
417	5	0	0	0	Peri.	Vac.	168	Prod + Dakota	800	T	S Gas + Wat	15/85	32	?	24,445	5,270	296,642	5,270	296,642	
418	1	0	0	0	Irreg.	?	290	Prod + Dakota	300	M	S Gas	3/1	37	?	4,089	2,600	105,760	5,000	732,591	
419	---	---	---	---	---	---	---	---	---	U	---	---	---	---	---	---	---	---	---	*Lease abnd 7-23-66
420	1	0	0	0	Irreg.	Vac.	160	Prod	---	U	S Gas	---	35	?	8,092	777	58,311	11,705	212,865	
421	1	0	0	0	Peri.	Vac.	255	Prod	---	U	S Gas	39/61	35	---	31,326	27,701	93,210	128,024	788,462	
422	1	0	0	0	Peri.	250	350	Prod	---	T	S Gas	8/92	38	---	1,855	800	127,949	10,660	1,001,607	
423	1	0	0	0	Peri.	Vac.	385	Dakota	300	T	S Gas	13/87	32	---	20,769	17,849	140,703	69,119	736,642	*Dodge
424	1	0	0	0	Irreg.	4	107	Prod	---	U	S Gas	15/83	35	?	633	0	4,403	0	4,403	
425	2	0	0	0	Irreg.	Vac.	266	Prod	---	U	S Gas	1/15	36	?	33,152	636	74,955	636	74,955	
426	0	0	0	0	Irreg.	0	0	Prod	---	U	S Gas	2/1	36	---	9,692	0	0	11,000	192,000	
427	1	0	0	0	Peri.	Vac.	150	Prod + Arbuc	3,550	U	S Gas	8/10	40	?	6,040	1,100	9,000	1,100	9,000	
428	1	0	0	0	Irreg.	0	296	Prod + Arbuc	3,330	U	S Gas	1/68	33	---	100	0	26,616	0	26,616	
429	1	0	1*	0	Irreg.	300	350	Prod	---	M	Comb	20/80	36	---	9,814	4,148	50,130	4,148	50,130	*Converted
430	1	0	0	0	Irreg.	200	332	Prod + Dakota + Cheyenne	350	T	S Gas	---	35	---	4,298	2,000	49,904	2,000	49,904	
431	1	0	0	0	Irreg.	200	169	Prod + Arbuc	3,650	T	S Gas*	68/32	34	?	16,187	?	61,650	?	74,770	*Wat
432	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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 Cont.																
433	Pleasant	Cities Service Oil Co.	(-)Pleasant L-KC*	11112 [†]	Geibler "A", Waldschmidt	27-13-20W	---	---	---	---	---	---	---	---	---	---
434	Riverview South	CRA, Inc.	(P)Johnson "Z"	10953	Johnson "Z"	32-11-18W	20	5	Lans-KC	3,600	17	1	0	0	0	1964
435	Ruder	Gulf Oil Corporation	(W)J.A. Swires	13426	J.A. Swires	8-15-18W	80	0	Lans-KC	3,260	---	3	---	0	0	1967
436	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
437	Solomon	Okmar Oil Company	(W)Albert Wfd	10846	Alber, Fred, Wickham	10,15-11-19W	160	0	Lans-KC	3,244	20	4	0	0	0	1964
438	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
439	Sugarloaf Southeast	Okmar Oil Company	(W)Dreiling	13553	Dreiling A, Dreiling C	28-13-17W	60	0	Lans-KC	3,280	5	0	0	0	0	1967
440	Toulon	Sunray DX Oil Company	(W)Braun	13434	Braun	35-13-17W	25	0	Lans-KC*	3,235	12	2	0	0	0	1967
441	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
442	Toulon Southwest	Okmar Oil Company	(W)Dinkel "A"	13069	Dinkel, Dinkel "A"	16-14-17W	50	0	Lans-KC*	3,250 [†]	5	3	0	0	0	1960
443	Turkville	Colorado Oil Company	(D)McCombs	9229	McCombs	11-11-17W	40	0	Lans-KC	3,008	266	1	0	0	0	1962
444	Ubert, Northwest	Kewanee Oil Company	(W)Crissman A & B	11815	Crissman A & B	1,2-13-18W	60	0	Topeka*	3,260	144	5	0	0	0	1965
445	Victoria North	Jay Kornfeld	(P)Schulte	11068	Schulte	8-14-16W	80	80	KC	3,214	6	5	0	0	0	1964
446	Wheatland	Petroleum Management, Inc.	(W)Leiker	13470	Leiker	18-15-17W	0	0	Lans-KC	3,282	225	0	0	1	0	1967
ELLIS-ROOKS COUNTIES																
447	Krueger	Cities Service Oil Co.	(W)Krueger	3145	Krueger	35,36-10-16W;1,2,3-11-16W	352	0	Dodge + Lans-KC	3,225	49	17	0	0	0	1961
ELLIS-RUSSELL COUNTIES																
448	Fairport	Pan American Petroleum	(W)Kate Austin	12481 5055 3243	Kate Austin & L.L. Austin "C", L.L. Austin, L.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	3	0	1956
ELLSWORTH COUNTY																
449	Geneseo-Edwards	Continental Oil Company	(W)Edwards North	7809	A.W. Shonyo, J. M. Shumway	9-17-8W	56	113	Simpson	3,140	---	2	5	0	0	1961
450	Lorraine	Petroleum, Inc.	(W)Lorraine	13631 12162	Janzen, Nienke, Offner, Rolfs	11,12-17-9W	480	---	Lans-KC	2,870	10	4	0	0	0	1967
451	Stoltenberg	Morgenstern Oil Operations	(W)Zvolanek	10057	Zvolanek	32,33-15-10W	30	30	Simpson	3,246	10	1	0	0	0	1962
FINNEY COUNTY																
452	Cowgill	Cities Service Oil Co.	(W)Cowgil Morrow	11172	Tait C	27-24-33W	45	0	Morrow S2	4,800	16	1	0	0	0	1964
453	Nunn	The Shallow Water Ref. Co.	(P)Nunn	9779	Aeilts, Davis, Gobleman, McHugh, Maune, Nunn	23,26,27,34-21-34W	1,440	160	Marmaton	4,276	9	16	1	0	0	1958
454	Pleasant Prairie	Helmerich & Payne, Inc.	(P)Pleasant Prairie	13423 10157		18,19,20,29,30,31,32,33-26-34W;4,5,6,8,9,16,17-27-34W	0	0	Miss	5,050	15	0	0	0	0	1966
FRANKLIN COUNTY																
455	Baldwin	CRA, Inc.	(W)Wellsville Wfd	11721	Broers, Johnson, Wiseman	24,25-15-20E;19,30-15-21E	15	0	Squirrel	750	20	7	12	0	1	1965
456	Paola-Rantoul	Kerr-McGee Corporation	(W)Wellsville	7526	Ackley, Bell, Dorsey, Lidikay, Rhoads, Rice, Royer, Showengerdt	3,4,10-16-21E	300	0	Squirrel	700	30	49	14	0	0	1959
457	Paola-Rantoul	L.L. & B. Oil Co.	(W)Unit #1 & #2	806		10,15,22-17-21E	700	---	Squirrel [†]	360 [†]	5 [†]	150	20	0	0	1942
458	Paola-Rantoul	Glen F. Layton, Jr.	(P)Hays	12728	Hays	20-16-21E	5	0	Squirrel	650	25	3	0	1	---	1965
GOVE COUNTY																
459	Albin	Getty Oil Company	(P)G. Albin	13915	R.D. Adams, G. Albin, R. Long, B. Richardson	9,10,15,16-14-27W	80	0	Miss	4,390	10	2	0	1	0	1967
460	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	1	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 1967			To End of 1967		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,	
433	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Future; †9881
434	1	0	0	0	Irreg.	20	220 Prod	---	U	S Gas	3/2	34	?	5,563	5,560	80,624	14,200	248,751		
435	1	1	0	0	Irreg.	0	530 Prod	---	U	S Gas	16/36	34	---	7,643	5,437	51,142	5,437	51,142		
436	1	0	0	0	Irreg.	0	14 Prod	---	U	S Gas	1/1	41	---	103,937	0	5,232	0	5,232		
437	1	0	0	0	Irreg.	0	150 Prod + Arbuc	3,500	U	S Gas	?	34	---	32,828	9,160	50,300	16,960	212,065		
438	1	0	0	0	Peri.	768	811 Prod	---	U	S Gas	?	35	---	28,350	15,559	297,947	70,416	1,037,174		
439	1	0	0	0	Irreg.	0	20 Prod + Arbuc	3,530	U	S Gas	34/20	30	---	12,063	0	1,762	0	1,762		
440	1	0	0	0	Irreg.	0	48 Prod	---	U	S Gas	2/7	32	?	3,497	3,497	11,487	3,497	11,487	Arbuc	
441	2	1	0	0	Irreg.	1,200	214 Prod + Arbuc	3,500	U	S Gas	?	35	---	18,313	4,705	156,427	15,605	682,540		
442	1	0	0	0	Irreg.	1,000	375 Prod	---	U	S Gas	---	33	---	34,935	19,748	138,325	21,013	497,025	Arbuc; †3500	
443	1	0	0	0	Irreg.	0	5 Prod	---	U	S Gas	4/7	34	---	2,248	2,248	1,843	15,162	252,700		
444	2	0	0	0	---	Vac.	124 Prod	---	U	S Gas	5/14	29	?	?	2,361	93,923	5,758	193,158	Toronto + KC	
445	3	0	0	0	Peri.	300	600 Prod	---	T	S Gas	80/20	34	---	28,154	8,500	219,000	25,292	1,248,009		
446	1	0	0	0	Irreg.	300	150 Prod + Arbuc	3,580	U	S Gas	1/0	39	---	1,640	0	36,400	0	36,400		
447	13	0	0	0	Irreg.	0	273 Prod + Dakota	475	T	S Gas	31/21	37	?	100,302	100,302	1,297,439	387,018	4,939,263		
448	4	1	0	0	Irreg.	Vac.	365 Prod	---	U	S Gas	2/5	37	---	54,658	54,658	532,248	562,012	5,076,889		
449	2	2	0	0	Irreg.	---	Prod + Simpson†	3,140	T	S Gas	?	41	---	162	162	32,664	168,853	984,853	Lease abnd 7-1-67;	
450	1	0	0	0	Line	97	210 Prod + Dakota	200	F	S Gas	69/29	35	---	8,845	0	9,860	0	9,860	Arbuc	
451	1	0	0	0	Irreg.	0	80 Prod	---	T	Wat	?	38	---	9,274	4,637	28,900	8,043	116,600		
452	2	0	0	0	Peri.	980	219 Prod	125	M	S Gas	---	27	?	7,116	7,116	159,881	25,774	398,132		
453	4	1	0	0	Line	0	137 Prod	---	T	S Gas	?	34	•	55,883	21,750	193,250	54,842	1,735,759	*24.3 @ 20°	
454	5	0	0	0	Irreg.	200	389 Prod	---	U	Wat + S Gas	26/33	34	?	934,854	0	262,647	0	313,912		
455	1	0	0	0	5-spot	850	150 Prod + Arbuc	1,615	U	S Gas	1/5	25	90	2,901	4,218	50,752	9,173	76,594	*172,371mcf	
456	82	1	0	0	Line	700	29 Prod + Arbuc	1,500	T	S Gas	26/11	28	40	43,990	43,990	855,966	701,590	7,390,516		
457	170	15	0	0	5-spot	600	160 Prod + Lake + River	---	F	?	95/5	31	---	6,036	6,036	1,000,000	---	1,000,000	*Peru; †700; †30	
458	3	0	0	0	Irreg.	650	30 Prod + Pond	---	M	Grav	4/1	31	---	2,800	2,800	6,900	---	25,000		
459	1	0	1	0	Irreg.	Vac.	92 Prod	---	U	S Gas	3/2	37	?	7,499	7,499	3,680	7,499	3,680		
460	1	0	0	0	Irreg.	0	64 Prod	---	U	S Gas	33/50	40	?	20,935	20,935	22,640	20,935	22,640		

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 COUNTY																
461	Blazier	Cities Service Oil Co.	(W)Blazier L-KC	9707	Blazier Unit	21,27,28-7-25W	180	0	Lans-KC	3,800	20	9	0	1	0	1962
462	Brassfield	The Shallow Water Ref. Co.	(P)Brassfield	7102	Brassfield, Brown "B"	2-10-22W	40	40	Lans-KC	3,725	10	1	1	0	1	1959
463	Brush Creek	Cities Service Oil Co.	(W)Brush Creek	7244	Beiker "A" & "B", Karst, McPherson	4,9-9-23W	0	0	Lans-KC	3,739	4	11	0	0	0	1959
464	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	0	1961
465	Cooper	Colorado Oil Company	(W)Lewis "A"	11994	Lewis "A"	23-10-21W	160	0	Arbuc	3,740	5	2	0	0	0	1965
466	Cooper	Petroleum, Inc.	(W)Cooper Pilot	12527	Schmahlfeldt #2, #3, #4, #5, #6, #7, #9	24-10-21W	160	---	Arbuc	3,740	15	6	0	0	0	1966
467	Cooper	Sunray DX Oil Company	(W)Germany	7844	German	6-10-21W	20	40	KC	3,580	9	1	0	0	0	1960
468	Cooper	White Hawk Oil Company	(P)C. Smith	7966	Denning, Rudman, C. Smith	32-9-21W;5-10-21W	160	0	Lans-KC	3,510	6	6	0	0	0	1960
469	Diebolt	Sunray DX Oil Company	(W)Diebolt L-KC	9110	Diebolt	16,17,20,21,28,29- 10-23W	1,671	0	Lans	3,850	•	47	5	0	0	1962
470	Evergreen Northwest	Cities Service Oil Co.	(W)Evergreen, NW, L-KC	10747		8,17-9-23W	340	0	Lans-KC	3,703	10	8	0	0	0	1964
471	Fabricius	Cities Service Oil Co.	(W)Fabricius L-KC	11084	Fabricius Lans-KC U.	19-7-22W;23,24,25,26- 7-23W	760	0	Lans-KC	3,636	10	11	0	0	0	1964
472	Harmony	Rocket-Schusterman Oil Account	(D)Harmony	6420	Dunwoody, Sandord	5-8-22W	280	0	Lans-KC	3,550*	5	3	0	0	0	1958
473	Holley	Cities Service Oil Co.	(W)Holley	9991	Holley	33-8-24W	480	0	Lans-KC	3,957	4	4	1	0	1	1963
474	Holley	Fell & Wolfe Oil Co.	(W)Holley	8742	Ida Keith	4-9-24W	160	?	Lans-KC	3,924	40	4	0	0	0	1963
475	Holley	Fell & Wolfe Oil Co.	(W)Holley	11613	A.E. Hildebran, Keith A, G. Keith, George Keith	4-9-24W	630	?	Lans-KC	3,775	209	16	0	0	0	1965
476	Holley	Sunray DX Oil Company	(W)Blackburn	6453	Blackburn	33-8-24W	20	30	Lans-KC	3,900	9	2	0	0	0	1958
477	Holley	Sunray DX Oil Company	(W)M. Clark	10363	M. Clark	10-9-24W	30	50	Lans-KC	3,860	11	3	0	0	0	1964
478	Holley	Texaco, Inc.	(W)Holley Unit	9577		30,31,32-8-24W;5,6- 9-24W	2,800	---	Lans	3,950	8	35	8	---	---	1963
479	Holley North	Cities Service Oil Co.	(W)Holley North	11228	Holley North	28,29-8-24W	40	0	Lans-KC	3,950	10	2	1	0	1	1964
480	Holley Southeast	Cities Service Oil Co.	(W)Holley Southeast	10367	Nickelson	15-9-24W	160	0	Lans-KC	3,847	12	2	0	0	0	1964
481	Hoof Northwest	Dane G. Hansen Trust	(D)Gano Input	13102	Gano	6-10-23W	160	?	Lans-KC	---	---	7	---	---	---	1966
482	Ironclad	Cities Service Oil Co.	(W)Ironclad Unit	10578	Ironclad	23,25,26-9-22W	309	0	Lans-KC	3,575	27	10	0	0	0	1964
483	Kobler	John O. Farmer, Inc.	(P)Kobler	8035	Kobler	27-8-24W	80	0	Lans-KC	3,858	---	2	0	0	0	1960
484	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
485	Law Northwest	Burch Exploration, Inc.	(W)Law Northwest	10386	Hildebrand "A", Morris	28-9-23W	320	120	Lans-KC	3,900	180	9	0	0	0	1962
486	Law Southeast	Kimbark Operating Co.	(W)Law SE Unit	9536	Griffith, Irwin, Irwin A, Ninemire, Stites	1,12-10-23W	200	100	Lans	3,700	20	4	5	0	0	1962
487	Michelson	John O. Farmer, Inc.	(P)Mickelson	7953	Mickelson	27-8-22W	80	0	Lans-KC	3,421	3	2	0	0	0	1961
488	Mount Vernon	E.H. Riggs	(P)LaCerte	11819	LaCerte	31-6-22W	160	?	Lans-KC	3,600	4	3	0	0	0	1965
489	Nana	Hollar Oil Company	(P)Goff Unit	13357	Goff, Goff "A", Goff "B", Goff "D", Neal "B"	3,10-8-24W	220	130	Lans-KC	3,600	8	8	---	---	1	1966
490	Nana Northwest	Cities Service Oil Co.	(W)Nana, NW, L-KC	11191	Nana, NW, Lans-KC	32,33-7-24W;4,5-8-24W	55	0	Lans-KC	3,600	10	5	0	0	0	1966
491	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
492	Red Line	Sunray DX Oil Company	(W)Sturgeon	6173	Sturgeon	32-9-22W	30	30	Lans	3,862	7	3	0	0	0	1958
493	Red Line Northwest	Chief Drilling Co., Inc.	(W)Farrell	13032	Farrell	20-9-22W	160	0	Lans-KC	3,749	9	2	---	0	0	---
494	Schmied	Empire Drilling Company	(D)Madden Davis A & B Wfd	9396	Madden Davis A	16-8-25W	80	240	Lans-KC	3,800	150	4	0	0	0	1961
495	Schmied	Tenneco Oil Company	(D)Schmied "C"	6482	Adelia Schmied "C"	21-8-25W	160	0	Lans-KC	3,700	8	1	1	0	0	1958
496	Schmied	Texaco, Inc.	(W)Madden-Davis	8553		17-8-25W	400	---	Lans	3,650	15	8	0	---	---	1961
497	Shiloh	Empire Drilling Company	(D)Shiloh Wfd	9397	Minium, Richmeier	35-8-25W;1-9-25W	200	80	Lans-KC	3,800	6	11	3	0	2	1962
498	Shiloh	High Plains Production Co.	(-)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
499	Van	Nat. Coop. Ref. Assn.	(W)Van Loenen	10328	Van Loenen	14-9-22W	120	10	Lans	3,497	15	5	1	0	0	1963
500	Van	Rock Island Oil & Refining Co., Inc.	(W)Sandzen	7334	Sandzen	14-9-22W	70	0	Lans-KC	3,490	20	2	0	0	0	1959
501	Vesper	Petroleum, Inc.	(W)Vesper	10172	Lacerte "C", Manaugh, Rice, Sutor "E", Vesper	31-9-22W;36-9-23W	640	---	Lans-KC	3,640	220	19	4	0	0	1963
GRAHAM-TREGO COUNTIES																
502	Diebolt	Cities Service Oil Co.	(W)Wakeeney Co-op	6808	Diebolt, Erickson, Osborn,	33-10-23W;4,5,9-11-23W	450	0	Lans-KC	3,588	4	16	1	0	1	1959
GREENWOOD COUNTY																
503	Atyeo-Pixlee	R.J. Wixson	(P)York-Pixlee	8384	Pixlee "B", State Street	5,8-22-10E	240	0	Bart1	---	---	3	0	0	0	1960
504	Browning	American Petrofina Company of Texas	(W)Browning "A"	8755	Browning "A"	19-22-10E	120	0	Bart1	2,550	28	9	1	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 1967			To End of 1967		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,	
461	4	0	0	0	Peri.	275	284	Prod + Dakota	1,500	T	S Gas	1/1	39	?	43,958	43,958	414,877	113,405	687,747	
462	1	0	0	0	Irreg.	0	79	Prod	---	U	S Gas	?	40	?	1,015	355	14,118	2,915	119,085	
463	1	0	0	0	Irreg.	0	142	Prod	---	U	S Gas	?	35	?	16,402	0	52,000	16,560	750,856	
464	1	0	0	0	Irreg.	Grav.	100	---	---	U	Gas Exp	---	37	---	3,655	3,655	36,500	37,285	212,310	
465	1	0	0	0	Irreg.	Vac.	200	Prod	---	U	Wat	1/13	29	---	4,085	1,534	74,033	4,377	148,415	
466	1	0	0	0	Irreg.	Vac.	290	Prod	---	U	Comb	11/14	34	---	26,478	12,627	105,617	35,737	157,146	
467	1	0	0	0	Irreg.	0	65	Prod	---	U	S Gas	?	36	?	18,097	18,097	23,546	30,016	200,119	
468	1	0	0	0	Irreg.	150	630	Prod	---	U	Wat	?	36	?	14,454	9,363	229,787	79,847	1,607,064	
469	22	1	0	0	Peri.	809	301	Prod + Cheyenne	1,250	U	S Gas	1/2	42	?	191,621	191,621	2,416,055	832,476	10,367,999	*5-301
470	5	2	0	2	Peri.	684	272	Prod + Cedar Hills	1,630	T	S Gas	?	36	?	28,811	28,811	495,564	60,891	1,492,376	
471	8	0	0	0	Peri.	495	222	Prod + Cedar Hills	1,435	T	S Gas	4/1	40	?	92,692	92,692	647,526	182,365	1,585,623	
472	1	0	0	?	Irreg.	0	---	Prod	---	U			37	---	4,446	2,223	120,000	87,050	2,483,000	*"J"; †Liquid expansion
473	1	2	0	2	Irreg.	1,000	178	Prod + Cedar Hills	1,800	T	S Gas	1/1	37	?	25,759	25,759	64,938	64,599	719,602	
474	1	0	0	0	Irreg.	750	250	Prod + Water Sand	100	F	---	---	41	---	7,362	6,994	103,684	34,034	321,316	
475	4	0	0	0	Irreg.	300	250	Prod + Water Sand	95	F	---	---	40	---	41,708	37,537	257,345	---	753,697	
476	1	0	0	0	Irreg.	208	354	Prod	---	U	S Gas	1/5	38	?	8,549	8,549	129,134	52,714	323,315	
477	1	0	0	0	Irreg.	820	353	Prod + Cedar Hills	1,690	U	S Gas	17/4	40	?	6,762	6,762	128,802	21,234	338,697	
478	31	0	0	0	Peri.	800	300	Cedar Hills	1,800	U	S Gas	67/82	40	---	256,854	256,854	3,003,288	---	11,655,829	
479	1	1	0	1	Peri.	790	332	Prod + Cedar Hills	---	T	S Gas	1/10	37	?	17,483	17,483	121,011	26,491	372,467	
480	1	0	0	0	Irreg.	0	16	Prod + Cedar Hills	1,400	T	S Gas	14/63	37	?	5,510	5,510	6,059	24,855	441,394	
481	1	---	---	---	Irreg.	Vac.	75	Prod	---	T	S Gas	4/1	38	?	35,708	?	14,600	?	14,600	
482	3	0	0	0	Peri.	640	245	Prod + Dakota	822	U	S Gas	7/8	37	?	24,526	24,526	268,104	65,154	1,028,235	
483	---	---	---	---	Irreg.	---	225	Prod	---	U	Grav	---	30	---	?	?	?	?	?	
484	1	0	0	0	Irreg.	0	254	Prod	---	U	S Gas	1/4	33	?	3,425	3,425	92,620	3,425	92,620	
485	1	0	0	0	Irreg.	750	700	Dakota	1,600	U	S Gas	---	36	6	39,764	39,764	255,500	136,992	1,100,320	
486	3	1	0	0	Peri.	300	600	Prod + Sh Sd	150	F	S Gas	3/1	38	?	14,640	14,640	224,132	116,714	1,213,282	
487	1	0	0	0	Irreg.	250	250	Prod	---	-	Grav	---	35	---	?	?	?	?	?	
488	1	0	0	0	Line	400	150	Prod	---	T	S Gas	8/92	36	?	3,580	0	52,000	1,540	206,000	
489	3	0	1	0	Irreg.	0	1,000	Prod	---	U	S Gas + Wat	---	39	---	37,000	10,000	365,000	19,000	730,000	
490	2	0	0	0	Irreg.	710	126	Prod + Cedar Hills	1,432	U	S Gas	19/95	38	?	12,360	12,360	91,902	18,782	176,013	
491	2	0	0	0	Line	1,000	275	Prod + Cedar Hills	1,570	U	S Gas	4/1	38	?	11,249	9,000	200,750	78,800	1,204,500	
492	1	0	0	0	Irreg.	575	270	Prod	---	U	S Gas	4/23	40	?	5,648	5,648	98,517	126,837	543,142	
493	1	0	0	0	Irreg.	1,200	150	Prod	---	U	Wat	3/2	36	---	7,452	4,167	54,750	4,167	54,750	
494	2	0	0	0	Irreg.	0	120	Prod	---	T	S Gas	---	45	---	14,950	14,950	3,600	284,048	846,732	
495	1	0	0	0	Irreg.	0	95	Prod	---	U	S Gas	14/29	39	---	3,950	3,950	?	25,439	?	
496	6	0	0	0	Peri.	0-200	400	Prod + Cedar Hills	1,850	T	Comb	59/88	39	---	32,984	16,528	790,949	---	2,651,469	
497	3	1	0	0	Peri.	0	369	Prod	---	T	Wat*	---	38	---	22,225	---	134,685	---	300,545	*S Gas
498	1	0	0	0	Irreg.	0	200	Prod	---	U	S Gas	---	41	?	17,546	13,000	72,000	78,546	182,800	
499	2	0	0	0	Irreg.	679	183	Prod	---	U	S Gas	1/0	37	---	20,676	7,930	144,712	23,863	694,367	
500	1	0	0	0	Irreg.	200	166	Prod	---	U	Gas Exp	2/1	36	---	15,065	3,000	61,000	22,800	328,350	
501	3	1	0	0	Line	337	523	Prod + Cheyenne + Dakota	1,200 800	M	S Gas	28/15	42	---	59,003	59,003	785,082	263,507	3,059,012	
502	3	0	0	0	Irreg.	103	360	Prod + Cedar Hills	1,500	T	S Gas	?	40	?	38,748	38,748	394,067	110,510	4,050,394	
503	1	0	0	0	Line	400	350	Prod	---	-	---	1/3	39	---	4,772	0	11,000	0	65,750	
504	3	0	0	0	Irreg.	0-328	140	Prod	---	T	S Gas	1/5	41	---	5,192	5,153	153,037	22,071	340,343	

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	Inocive	Drilled	Aband.	
GREENWOOD Cont.																
505	Browning	Baker Oil, Inc.	(P)Emma-Prather	13252*	Emma, Poe, Prather	30-22-10E	200	?	Bart1	950†	20	12	0	0	0	1957
506	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	6	1	0	0	?
507	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	39	25	0	1	1942
508	DeMalorie-Sowder	L.B. Campbell	(P)Derbyshire	3103		13-22-10E	50	35	Bart1	2,100	30	5	---	0	2	1952
509	DeMalorie-Sowder	H.G. Forbes	(W)Clopton	13779	Clopton	13-22-10E	20	0	Bart1	1,900	10	1	0	2	1	?
510	DeMalorie-Sowder	Home-Stake Production Co.	(W)Harris Wfd Project	9297	Kipfer "A", Kipfer "B", Kipfer "C", Kipfer "C", Warrensburg	12,13-22-10E	200	0	Bart1	2,150	25	10	5	0	0	1962
511	DeMalorie-Sowder	Moss Petroleum Company	(P)Kipfer	10329	Kipfer	13-22-10E	30	10	Bart1	2,150	30	2	0	0	0	1963
512	DeMalorie-Sowder	The Shallow Water Ref. Co.	(W)DeMalorie-Sowder	3423* 3123	Central Unit, East Unit, West Unit	1,2,11,12-22-10E	660	0	Bart1	2,100	55	25	10	0	1	1949
513	DeMalorie-Sowder	George Sheehan Interests	(W)Clopton	3124	Clopton	18-22-11E	160	---	Bart1	2,100	20	5	0	0	0	1952
514	DeMalorie-Sowder	George Sheehan Interests	(W)Harris	2309	Harris	19-22-11E	80	---	Bart1	1,900	20	1	0	0	0	1952
515	DeMalorie-Sowder	Robert M. Young	(P)Greenwood	2309	DeMalorie-Sowder	19-22-11E	120	---	Bart1	2,140	12	5	1	0	0	?
516	Dunaway	Ale Oil Company	(W)Sauder Heirs	5619	Sauder Heirs	3-23-13E	480	0	Miss	1,800	15	10	0	0	0	1957
517	Dunaway	BBL Oil Producers	(W)	2252	Miller, Norris	27-22-13E	60	?	Burgess	1,840	10	3	---	1	0	?
518	Dunaway	Joe Phillips	(W)	10543		15,22-22-13E	20	20	Burgess	1,800	8	2	0	0	1	1963
519	Fankhouser	George A. Barnard	(W)Swanson	2492*	Swanson	9,10-22-12E	40	---	Bart1	1,800	15	2	0	0	0	1962
520	Fankhouser	L.B. Campbell	(P)Boles	5200	Boles	10-22-12E	60	---	Bart1	1,800	20	2	1	0	0	---
521	Fankhouser	H.B. Forbes	(W)Ames	11800	Ames	5-22-12E	40	0	Bart1	1,900	10	2	0	0	0	?
522	Fankhouser	George Sheehan Interests	(W)Fankhauser	2065*	Fankhauser	4-22-12E	560	---	Bart1	1,900	25	5	0	0	0	---
523	Gaffney	Greenwood Petroleum & Ranch Management, Inc.	(P)Kipfer	5079		6-24-11E	160	---	Bart1 + Wiggins	1,800	20	10	6	2	0	1957
524	Gaffney	Roy A. Wilson	(D)Geo. Gaffney	3340	Gaffney	7-24-11E	---	---	Cattleman	1,870	17	0	0	1	1	?
525	Lamont	Jackman & Jackman	(D)Fankhauser	7362	Fankhauser	23-22-12E	160	0	Bart1	1,660	20	6	2	0	0	1959
526	Polhamus	Sam P. Wallingford, Inc.	(P)	5312	Fred Dunlap	9-25-9E	100	60	Bart1	2,148	11	5	0	1	0	1956
527	Polhamus & Sallyards	The Shallow Water Ref. Co.	(W)Hendrickson	10111 6058	Hendrickson, Hendrickson "A", "C", "D"	8,9,17-25-9E	480	0	Bart1	2,300	30	10	1	0	1	1964
528	Quincy	Bird-Hanley & Sheedy	(W)Quincy	12234	Bivins, Hoggatt, K. Johnson, N. Johnson, Webber	8,9-25-13E	115	25	Bart1	1,500	13	11	2	0	0	1951
529	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
530	Quincy	Clinton Oil Company	(W)Beevers	12970	Beevers	25-24-12E	200	0	Bart1	1,600	25	0	0	0	0	1966
531	Sallyards	Beard, English & Martin	(W)	3482	Bryden Acct #1, #2, #3, Hoffman, L.A. Ladd, Moss	36-25-8E;30,31-25-9E	400	200	Bart1	2,490	50	19	25	3	32	?
532	Sallyards	Eureka Drilling Company	(P)Bates	12717	Bates	30-25-9E	65	---	Bart1	---	20	2	---	0	0	1966
533	Sallyards	Getty Oil Company	(W)Sallyards*	3565	R. Bryden, F.H. Hull "A" & "B", F.H. Hull "C" & "D", A.L. Stevenson	35,36-25-8E;2,10,11,12-26-8E	520	0	Bart1	2,425	40	28	17	0	0	1953
534	Sallyards	J & M Associates	(W)Jackson Heirs	11096	Jackson Heirs, Carrie Ladd	23,25,26-25-8E	110	0	Bart1	2,400	15	9	0	2	0	1964
535	Sallyards	Lee Phillips Oil Company	(-)Ladd	13734*	Ladd	19-25-9E	0	0	Bart1	2,420	10	0	0	1	0	1967
536	Sallyards	Raymond Oil Company, Inc.	(W)Blankenship Sallyards	3565	Robert Bryden #1, #2, #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	3	35	1953
537	Scott	Phillips Petroleum Co.	(W)Scott*	1264		24,25-23-8E;19,30-23-9E	378	?	Bart1	2,600	40	11	19	0	0	1945
538	Scott	The Shallow Water Ref. Co.	(W)Scott	1264		24,25-23-8E;19,30-23-9E	378	?	Bart1	2,600	40	11	13	0	0	1945
539	Seeley-Wick	Eureka Drilling Company	(P)Humes	8952	Humes	29,30-22-11E	240	---	Bart1	2,100	15	4	---	0	0	1961
540	Seeley-Wick	Eureka Drilling Company	(P)Ulrich	11539*	Fry, Ulrich	7-24-12E	340	---	Cattleman	1,600	10	8	---	0	0	1965
541	Seeley-Wick	Glenn Supply Co., Inc.	(-)Lyke	5552	Lyke, Ratcliff, Reger	6,7,8-24-12E	117	---	Bart1	1,600	20	10	---	0	0	1953
542	Seeley-Wick	Greenwood Petroleum & Ranch Management, Inc.	(P)BEC	5095	Beal, Carson, D.A. Edwards,	28,29,32,33-23-11E	480	---	Bart1	1,900	17	9	9	0	0	1957
543	Seeley-Wick	Cloide J. Hensley	(D)Hensley	13360	Hensley	6-22-12E	20	0	Bart1	1,770	25	2	0	0	0	1967
544	Seeley-Wick	Madison Oil Co., Inc.	(W)Madison Unit A-B-C & Garth	2008	Garth, Madison Unit A, B, C	11,12,14,22,23-22-11E	800	640	Bart1	1,850	63	27	27	---	---	1950
545	Seeley-Wick	E.C. Murphy	(D)Gardner	12172	Gardner	1-22-11E	160	---	Bart1	1,900	16	3	0	0	0	1965
546	Seeley-Wick	Phillips Petroleum Co.	(W)Beal*	2471		21,22,27,28-23-11E	548	?	Bart1	1,900	55	46	4	0	0	1950
547	Seeley-Wick	Phillips Petroleum Co.	(W)McGilvray	2466		8,9,16,17-23-11E	400	?	Bart1	1,950	37	26	6	0	0	1948
548	Seeley-Wick	Geo. E. Sauder	(W)Thornton-Huber & Curtis	11213	Curtis, Huber, Thornton	7,8-22-12E	120	0	Bart1	1,720	20	8	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 1967			To End of 1967		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,	
505	2	0	0	0	Irreg.	500	200	Prod	---	U	S Gas	?	39	?	8,155	7,340	180,000	146,340	990,000	*6242; 5899; †Below sea level
506	1	0	0	0	5-spot	200	250	Prod	---	U	S Gas	?	40	?	9,062	9,062	91,250	?	?	
507	16	37	0	0	5-spot	1,000	190	Prod + Douglas	1,000	U	S Gas	1/0	41	5	73,869	73,869	1,132,205	6,445,410	63,479,994	*817; 816
508	2	---	0	0	Irreg.	50	200	Prod	---	T	Grav	3/5	41	---	19,341	10,000	146,000	231,531	1,069,125	
509	1	0	0	0	Line	150	0-200	Prod + Douglas	800	U	Grav	1/10	40	?	14,000	13,000	?	30,000	?	
510	11	1	0	0	5-spot	700	267	Prod + Arbuc	2,735	T	---	?	39	---	53,383	53,383	888,060	309,345	3,303,896	
511	1	0	0	0	Line	200	225	Prod	---	U	S Gas	---	43	?	2,243	---	162,000	54,254	206,250	
512	11	26	0	0	5-spot	1,304	104	Prod + Douglas	---	T	S Gas	?	40	?	35,644	35,644	510,996	3,105,019	32,115,672	*2072
513	7	0	0	0	5-spot	350	70	Prod	---	T	S Gas	---	42	---	6,365	6,365	222,110	---	---	
514	---	---	---	---	5-spot	---	---	Prod	---	T	S Gas	---	40	---	1,314	1,314	---	---	---	
515	2	1	0	0	Irreg.	1,000	225	Prod + Douglas	800	T	Grav	---	42	?	5,287	5,287	82,125	?	?	
516	3	0	0	0	Irreg.	200	80	Prod + Douglas	750	U	Wat*	1/1	39	---	11,680	6,000	87,600	47,000	434,350	*Grav
517	3	---	0	0	Irreg.	200	100	Prod	---	T	Grav	---	36	?	1,800	1,800	36,000	?	?	
518	1	0	0	0	5-spot	225	400	Prod	---	U	?	4/1	38	---	8,315	7,500	?	---	129,600	
519	1	0	0	0	Irreg.	230	200	Prod + Douglas	750	T	Wat	---	39	---	4,380	4,380	73,000	13,010	125,187	*877
520	2	---	0	0	Irreg.	300	100	Prod + Douglas	900	U	Grav	4/25	41	---	3,673	2,500	73,000	?	?	
521	1	0	0	0	Line	150	0-200	Prod + Douglas	800	U	Grav	1/10	40	?	2,400	400	36,000	750	72,000	
522	1	---	---	---	5-spot	325	250	Prod	---	T	S Gas	---	40	---	3,714	3,714	3,000	---	---	*883
523	5	0	0	0	Peri.	350	100	Prod + Douglas	900	T	Grav	---	40	---	25,292	25,292	190,000	305,038	2,000,000	
524	1	0	0	0	3-spot	0	200	Prod	---	T	Grav	---	39	---	15,837	0	73,000	0	?	
525	2	2	0	0	Irreg.	400	600	Prod + Douglas	830	T	Grav	---	38	---	6,674	6,674	219,000	?	---	
526	1	0	0	0	Irreg.	400	300	Prod	---	T	S Gas*	?	40	?	10,686	10,686	109,500	36,186	459,500	*Grav
527	3	0	0	0	Irreg.	459	175	Prod + Douglas	950	T	Comb	?	39	?	15,249	5,249	181,150	5,249	388,011	
528	11	2	0	0	5-spot	410	35	Prod + KC	870	T	S Gas	1/0	37	?	8,903	8,903	140,183	168,105	1,958,482	
529	18	1	0	0	5-spot	340	45	Prod + KC + Douglas	870 300	T	S Gas	1/0	35	---	10,363	10,363	297,570	126,941	2,822,080	
530	3	0	0	0	Irreg.	Vac.	725	Prod + Douglas	300	U	Gas Exp	3/17	32	?	5,577	1,000	263,777	1,000	279,031	*6 @ 90°
531	5	13	0	13	5-spot	700	250	Prod + Douglas	1,200	T	S Gas	---	42	---	16,000	14,400	270,000	---	---	
532	1	0	0	0	Irreg.	10	50	Prod	---	U	S Gas	3/1	40	---	13,000	10,000	15,000	10,000	25,000	
533	15	38	0	0	5-spot	568	214	Arbuc	3,000	T	Grav	---	40	?	16,255	16,255	505,444	---	---	*Lease sold 6-1-67
534	3	0	0	0	Irreg.	700	50	Prod + Douglas	1,200	M	S Gas	1/1	40	?	10,500	5,000	51,225	45,000	300,000	
535	2	0	0	0	Irreg.	290	143	Prod + Douglas	1,243	U	S Gas	23/27	38	?	108,966	0	96,744	0	96,744	*13315
536	15	25	0	15	Irreg.	450	150	Prod + Arbuc	3,000	T	Grav	---	40	---	39,200	39,200	810,000	2,922,288	21,926,169	
537	3	17	0	0	5-spot	400	418	Prod	---	U	S Gas	1/0	42	4.5	5,975	5,975	189,184	1,109,436	32,344,241	*Lease sold 6-1-67
538	3	14	0	0	5-spot	551	379	Prod	---	U	S Gas	?	42	4.5	13,771	13,771	493,490	1,117,232	30,859,094	
539	1	0	0	0	Irreg.	100	50	Prod + Douglas	1,200	-	S Gas	7/3	40	---	6,000	3,000	5,000	13,000	25,000	
540	1	0	0	0	Irreg.	100	105	Prod + Douglas	650	T	S Gas	1/1	36	---	8,000	0	12,000	1,000	22,000	*11538
541	5	---	0	0	Irreg.	350	150	Prod + Douglas	800	T	S Gas	---	41	---	6,776	6,776	502,033	249,739	---	
542	6	3	0	0	Line	700	120	Prod + Douglas	900	T	Grav	---	39	---	7,743	7,743	300,000	251,968	2,652,000	
543	1	0	0	0	Irreg.	---	58	Prod	---	U	Grav	5/1	40	?	2,968	1,900	15,000	1,900	14,750	
544	15	15	0	0	3-spot	700	182	Prod	---	T	S Gas	---	40	---	38,146	38,146	995,713	74,812	1,948,072	
545	1	0	0	0	Irreg.	Vac.	300	Prod + Bartl	1,900	T	Grav	---	39	---	3,207	3,207	109,500	5,235	109,500	
546	34	19	0	0	5-spot	1,000	100	Prod + Arbuc	3,300	T	S Gas	1/0	42	4.5	10,728	10,728	360,842	5,615,052	61,686,256	*Lease sold 4-17-67
547	10	10	0	1	5-spot	1,150	185	Prod	---	T	S Gas	2/1	42	4.5	37,923	37,923	655,499	2,762,380	25,476,085	
548	3	0	0	0	Irreg.	0-500	62	Prod + Douglas	700	T	Grav	9/1	39	?	9,215	9,215	67,000	144,677	524,000	

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.	
GREENWOOD Cont.																
549	Seeley-Wick	Geo. E. Sauder	(W)Wilson-Lewis	10954	Lewis, Wilson	8,9-24-12E	120	0	Bartl	1,700	18	14	0	0	0	1951
550	Seeley-Wick	George Sheehan Interests	(W)	3185	Brothers	35-23-11E	100	---	Bartl	1,895	15	2	---	---	---	---
551	Seeley-Wick	George Sheehan Interests	(W)Hamilton	4711	Ellis Unit	26,27-23-11E	640	---	Bartl	1,950	22	40	0	0	0	1955
552	Seeley-Wick	Vannocker & Ropfogel	(W)Sheets	6854	Sheets	23-22-11E	80	40	Bartl	1,850	20	2	0	0	0	1959
553	Seeley-Wick	White & Ellis Drlg., Inc.	(W)Kipfer	10368	Kipfer	1,12-22-11E	80	0	Bartl	1,760	17	5	0	0	0	1963
554	Stanhope	Tom Grooms	(D)Lose	5450	Lose	15-26-8E	160	---	Bartl	2,450	20	1	1	1	0	1967
555	Teeter	Berentz Drilling Company	(W)Teter-Spencer	10274	J.W. Teter, Teter-Spencer	21,22-23-9E	240	0	Bartl	2,425	60	6	2	0	1	1963
556	Teeter	Cities Service Oil Co.	(W)Teter	3172*		10,11,14,15,16,17-23-9E	1,149	0	Bartl	2,470	46	37	7	0	7	1947
				1748												
557	Teeter	The Shallow Water Ref. Co.	(P)Green "A"	10170	Green "A", Noller	2,11-23-9E	360	0	Bartl	2,333	37	8	2	0	0	1963
558	Teeter	Shallow Water Ref. Co.	(P)Morris	2737	Morris	20,21-23-9E	320	320	Bartl	2,350	40	7	3	5	3	1951
559	Teichgraeber	Eagle Oil Company, Inc.	(P)Spencer	12236	Spencer	18-25-9E	70	0	Bartl	2,323	20	5	0	0	0	1965
560	Teichgraeber	Nadel & Gussman	(W)Spencer	13198		18-25-9E	40	0	Bartl	2,400	15	2	0	0	0	1967
561	Teichgraeber	Nadel & Gussman	(W)Welsh & Birkett	11737	Birkett, Welsh	12,13,14,24-25-8E	50	0	Bartl	2,350	15	10	0	11	0	1965
562	Thrall-Aagard	Baker Oil, Inc.	(D)Osmundson	10325	Osmundson	23-24-9E	46	?	Bartl	2,178	10	1	0	0	0	1963
563	Thrall-Aagard	Clinton Oil Company	(W)Burke-Olson	7569	Burke "A", "B", Burke-Olson, Mason "A", "B", Oldham, Oldham "B", Thomas-Favour	12,13,14-24-9E; 6,7-24-10E	504	0	Bartl	2,200	20	40	0	0	0	1961
564	Thrall-Aagard	Jones & Campbell, Inc.	(W)Hawthorne-Cannon	12548	Cannon, Hawthorne A, B	19-24-10E	20	0	Bartl	2,250	10	3	0	0	0	1966
565	Thrall-Aagard	Kenneth C. McKee	(D)Boone-Moore	13474	Boone, Moore	24,25-24-9E	160	---	Bartl	2,160	13	3	---	0	0	1967
566	Thrall-Aagard	Phillips Petroleum Co.	(W)Cartwright	2743		36-23-9E;1-24-9E; 6-24-10E	325	?	Bartl	2,200	35	14	10	0	0	1952
567	Thrall-Aagard	Phillips Petroleum Co.	(W)Greenwood	9162		12-24-9E	40	?	Bartl	2,300	40	2	0	0	0	1962
568	Thrall-Aagard	Phillips Petroleum Co.	(W)Lewis & Cannon	1035		11,12-24-9E	170	?	Bartl	2,300	50	11	6	0	0	1945
569	Thrall-Aagard	Riss & Company, Inc.	(W)Bratton-Mansfield	8109	Bratton-Mansfield	13-24-9E	300	0	Bartl	2,300	20	35	4	0	5*	1960
570	Thrall-Aagard	Sad Oil Co.	(P)	914	Marshall D	1-24-9E	200	200	Bartl	2,285	40	5	1	0	0	---
571	Thrall-Aagard	The Shallow Water Ref. Co.	(W)Cartwright	2743		36-23-9E;1-24-9E; 6-24-10E	325	?	Bartl	2,200	35	14	11	0	0	1952
572	Thrall-Aagard	The Shallow Water Ref. Co.	(W)Moore-Holverson	10734	Aagard, Hill, Holverson, Moore	23,25,26-24-9E	484	0	Bartl	2,120	20	17	4	3	2	1963
573	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	18	13	0	5	1949
574	Thrall-Aagard	Vannocker & Ropfogel	(W)Eide-Hill	7363*	Eide, Hill	26,27-23-9E	240	80	Bartl	2,170	20	6	0	1	1	1957
575	Thrall-Aagard	Vannocker & Ropfogel	(W)Osmundson	12156	Osmundson	23-24-9E	80	0	Bartl	2,235	10	3	0	0	0	1965
576	Virgil	Brunson-Spines	(W)Johnson	9922	Johnson	23-24-12E	450	0	Miss	1,700	15	14	3	0	1*	1962
577	Virgil	French & Winterschied, Inc.	(P)Dame	12482	Dame	12-24-12E	80	40	Miss	1,700	6	8	0	0	0	1966
578	Virgil	French & Winterschied, Inc.	(P)Hout-Meyers	192	Hout, Meyers	10,11-24-12E	50	70	Miss	1,700	5	3	0	0	0	?
579	Virgil	French & Winterschied, Inc.	(P)Sherman	12902		10-24-12E	1	20	Miss	1,700	4	1	0	0	0	?
580	Virgil	Houston-Oklahoma Oil Co.	(P)West Virgil	9884	Fleming, Mennonite, D.J. Sullivan	11,14,15-24-12E	160	0	Miss	1,740	14	9	0	0	0	1955
581	Virgil	Howard Johnson	(W)Johnson	2664	Johnson	16-24-12E	40	0	Bartl	1,600	15	1	2	0	0	1951
582	Virgil	Howard Johnson	(W)Marlin	11118	Marlin	17-24-12E	10	0	Bartl	1,675	20	1	0	0	0	1965
583	Virgil	Sunray DX Oil Company	(W)West Virgil Wfd	7558	Bonnett, Geist, Sullivan, Wayham	13,14-24-12E	539	26	Miss	1,730	70	36	0	0	0	1958
584	Virgil	Vannocker & Ropfogel	(P)Gilbert	13347	Gilbert	3-24-12E	20	0	Miss	1,842	5	1	0	0	0	1967
585	Virgil North	Barbara Oil Company	(P)	1057	T.F. Schneider	10-23-13E	?	?	Bartl	1,600	25	?	?	0	0	1944
586	Virgil North	French & Winterschied, Inc.	(P)Lovett-Shambaugh	3915	Lovett-McNeil, Shambaugh	22-23-13E	100	---	Miss	1,700	6	7	0	0	0	1956
587	Virgil North	French & Winterschied, Inc.	(P)Shadel	221	Shadel	15-23-13E	120	60	Miss	1,800	6	6	0	0	0	1955
588	Virgil North	French & Winterschied, Inc.	(P)L. Young	3259	L. Young	10-23-13E	40	40	Miss	1,800	6	4	0	0	0	1955
589	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
590	Virgil North	Sunray DX Oil Company	(W)Griblin Wfd	8090	Griblin "B"	21-23-13E	10	0	Miss	1,750	30	7	0	0	0	1961
591	Virgil North	Sunray DX Oil Company	(P)Jones Wfd	6135	Dehlinger "A", Jones "A"	21,28-23-13E	40	3	Miss	1,670	55	10	10	0	0	1958
592	Virgil North	Sunray DX Oil Company	(-)Olinger "A" Wfd	6126	Olinger "A"	15-23-13E	10	0	Miss	1,720	30	4	0	0	0	1959
593	Virgil North	Sunray DX Oil Company	(D)Shadel Wfd	5838	Shadel	15-23-13E	160	80	Bartl	1,540	30	3	0	0	0	1938
594	Virgil North	Vannocker & Crane	(P)Berry-Newman	6144	Berry, Newman	32-23-13E	80	0	Miss	1,750	15	3	0	0	0	1962
595	Virgil North	Vannocker & Crane	(D)M.G. Berry	11986	M.G. Berry	27-23-13E	100	40	Miss	1,810	15	2	0	0	0	1965
596	Virgil North	Vannocker & Crane	(P)Schlinder-E. Berry-M.G. Berry	11986	E. Berry, M.G. Berry, Schlinder	27-23-13E	60	0	Miss	1,790	13	1	0	0	0	1964
597	Wiggins	George A. Barnard	(W)Lindamood Wfd	7616	Lindamood	19-24-11E	80	---	Bartl*	1,800	25	1	0	1	0	?
598	Wiggins	George A. Barnard	(W)Wiggins Wfd	5325	Mock "A", Nixon, Wiggins	25,36-24-10E;30-24-11E	160	320	Cattleman	1,830	15	4	5	2	2	?

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 1967			To End of 1967		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,	
549	5	0	0	0	Irreg.	0-300	128	Prod + Douglas	600	T	Grav	?	42	?	14,843	12,000	230,000	66,000	1,108,000	
550	---	---	---	---	---	---	---	Prod	---	T	S Gas	---	39	---	878	878	---	---	---	
551	32	---	---	---	5-spot	785	100	Prod	---	T	S Gas	---	42	---	87,442	87,442	1,239,620	---	---	
552	1	1	0	1	Irreg.	450	270	Prod	---	T	Grav	1/6	39	---	1,278	425	98,550	---	---	
553	2	0	0	0	Irreg.	75	125	Prod + Douglas	700	T	S Gas	3/1	41	?	15,822	3,956	90,000	---	290,000	
554	1	0	0	0	3-spot	300	100	Prod	---	U	Wat	1/4	40	---	1,700	?	2,000	?	2,000	
555	3	2	0	0	5-spot	525	350	Prod + Douglas	1,400	T	Grav	---	42	5	4,894	4,894	254,500	124,456	113,870	*3357; 3293
556	18	9	0	9	Irreg.	646	273	Prod	---	T	S Gas	37/57	40	?	77,627	77,627	1,798,055	3,760,171	55,267,911	*173; 167
557	1	1	0	0	Irreg.	386	608	Prod	---	U	Comb	?	41	?	21,313	16,125	221,913	42,104	846,281	
558	1	5	0	0	Irreg.	465	188	Prod	---	T	Comb	?	40	?	24,476	3,600	67,028	16,652	496,583	
559	2	0	0	0	5-spot	600	120	Prod + Douglas	1,290	U	S Gas	1/0	40	?	14,017	6,000	43,800	11,000	79,327	
560	2	0	0	0	Irreg.	700	97	Prod + Douglas	1,000	T	S Gas	9/1	40	---	13,412	2,000	35,443	2,000	35,443	
561	7	0	0	0	5-spot	1,300	81	Prod + Douglas	1,000	T	S Gas	19/1	40	---	205,683	36,500	258,973	74,500	477,973	
562	1	0	0	0	Irreg.	0	50	Prod	---	-	?	?	38	?	827	827	18,250	5,889	82,200	
563	16	1	---	0	Peri.	650	200	Prod + Douglas	1,200	U	S Gas	?	38	*	103,240	103,240	1,228,967	103,240	5,609,633	*3.7 @ 92°
564	1	0	0	0	Irreg.	500	195	Prod + Douglas	1,300	M	S Gas	1/4	36	?	2,223	2,223	70,600	2,223	89,000	
565	1	---	---	---	Irreg.	0	2	Prod	---	-	Grav	5/2	38	---	2,485	0	600	---	600	
566	7	16	0	0	5-spot	350	160	Prod + Arbuc	3,300	T	S Gas	2/3	41	5	11,837	11,837	300,547	1,572,856	22,882,745	*Lease sold 10-1-67
567	1	1	0	0	5-spot	1,000	176	Prod + Douglas	1,000	U	S Gas	1/0	40	5.5	4,417	4,417	64,288	83,887	397,825	
568	4	9	0	0	5-spot	1,000	235	Prod + Douglas	1,000	U	S Gas	1/0	41	5	16,692	16,692	341,708	1,112,719	13,316,782	
569	6	9	0	0	Irreg.	550	---	Prod + Douglas	1,200	T	Grav	---	39	---	50,904	50,904	878,961	846,674	5,635,953	*Temporarily
570	3	---	0	0	Irreg.	600	200	Prod + Douglas	1,400	T	Wat	---	39	---	4,380	4,380	182,500	---	---	
571	8	14	0	0	5-spot	503	137	Prod + Arbuc	3,300	T	S Gas	?	41	5	16,916	16,916	315,515	1,577,935	22,897,713	
572	10	3	1	2	Irreg.	622	385	Prod + Douglas	1,000	T	S Gas	?	39	?	83,718	83,718	670,450	208,570	1,741,919	
573	9	10	0	1	5-spot	628	126	Prod	---	U	S Gas	?	40	?	34,010	34,010	366,133	3,885,650	54,990,710	
574	5	1	0	0	Irreg.	650	150	Prod + Douglas	1,065	T	Grav	1/3	40	---	12,547	8,167	273,750	---	---	*5774; 3800
575	2	0	0	0	Line	900	75	Prod + Douglas	1,065	T	Grav	1/3	41	---	12,966	11,506	54,750	17,606	69,550	
576	15	5	1*	0	5-spot	550	41	Prod + Arbuc	2,100	T	S Gas	19/35	38	?	18,559	18,559	227,135	167,004	3,780,095	*Converted
577	1	0	0	0	Irreg.	300	300	Prod	---	T	S Gas	---	38	---	2,930	2,930	79,500	---	---	
578	1	0	0	0	Irreg.	130	100	Prod	---	T	Wat	---	39	---	6,233	3,116	36,000	---	---	
579	1	0	0	0	Irreg.	300	80	Prod	---	T	Wat	---	36	---	540	540	5,000	---	---	
580	3	0	0	0	5-spot	150	200	Prod	---	T	Grav	1/6	39	?	13,602	6,200	99,000	30,972	751,860	
581	1	1	0	0	Irreg.	500	200	Prod + Douglas	700	T	Grav	---	39	---	2,000	2,000	50,000	53,000	430,000	
582	1	0	0	0	Irreg.	75	50	Prod	---	U	S Gas	---	39	---	350	150	2,000	2,000	46,000	
583	8	10	0	0	5-spot	422	422	Prod + Arbuc	2,200	U	S Gas	---	40	3.4	34,215	34,215	1,232,470	556,813	8,647,256	*10-500
584	1	0	0	0	Line	150	65	Prod	---	T	Grav	1/8	39	---	1,103	250	23,725	250	23,725	
585	2	0	0	0	Irreg.	400	200	Prod	---	U	S Gas	?	39	?	12,150	?	74,000	?	?	
586	1	0	0	0	Irreg.	50	220	Prod	---	T	Wat	---	36	---	?	?	?	22,835	900,000	
587	1	0	0	0	Irreg.	150	250	Prod	---	T	Wat	---	36	---	?	?	?	17,305	912,500	
588	1	1	0	0	Irreg.	80	90	Prod	---	T	Wat	---	36	---	2,182	1,091	32,850	12,300	328,000	
589	4	0	0	0	Irreg.	250	90	Prod	---	M	Wat	3/7	39	?	16,141	8,000	130,000	64,800	1,028,600	
590	8	0	0	0	Irreg.	443	443	Prod + Miss	1,750	U	S Gas	---	40	3.4	13,980	13,980	1,132,180	52,809	2,892,338	*150-500
591	2	7	0	0	Irreg.	241	241	Prod	---	U	S Gas	---	39	3.5	23,187	23,187	175,770	99,673	922,330	*250-450
592	1	0	0	0	Irreg.	Grav.	47	Prod	---	U	S Gas	---	38	3.5	2,964	2,964	17,450	39,910	130,112	
593	1	4	0	0	Irreg.	Grav.	472	Prod	---	U	S Gas	---	37	4.5	3,201	3,201	172,428	139,217	16,863,955	
594	1	1	0	0	Irreg.	225	450	Prod	---	T	Grav	1/5	39	---	4,183	1,350	164,250	7,700	656,450	
595	1	0	0	0	Irreg.	Grav.	100	Prod	---	U	Grav	1/7	39	---	2,028	500	36,500	1,260	96,675	
596	1	0	0	0	Irreg.	440	300	Prod	---	T	Grav	1/5	39	---	5,968	3,460	109,500	7,105	348,075	
597	1	0	0	0	5-spot	600	300	Prod	---	U	S Gas	---	38	---	600	600	90,000	600	90,000	*Cattelman
598	1	5	0	2	5-spot	650	400	Prod	---	U	S Gas	---	39	---	5,475	5,475	146,000	12,325	416,000	

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.	
GREENWOOD Cont.																
599	Wilkerson	E.W. Sauder	(P)Olsen	11069	Olsen	6-25-9E	30	0	Cattleman	2,100	20	3	0	0	0	1964
600	Wilkerson	Geo. E. Sauder	(W)Wilkinson	11036	Carrington, Wilkinson	6,7-25-9E	20	0	Cattleman	2,100	30	2	0	0	0	1964
HARPER COUNTY																
601	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
HARVEY COUNTY																
602	Burrton	Drillers Production Co., Inc.	(W)Bott	13454	Bott	6,7-23-3W	1,260	0	Miss	3,350	20	36	0	0	0	1967
603	Burrton	Home-Stake Production Co.	(-)Burrton Wfd	10087	Brillhart "A", "B", Cunningham, Day "A", "B", Dick, Divine, Frederick "A", Gouldner, Grabeck, J. Hancock, Hitch, Howell, Jerome, J.J. Krehbiel, LeClerc, Martindell, Murphy "A", "B", Morton, Nelson, Norris, Saylor "A", "B", Schrag "A", "B", A. Short, Wilson	8,17,18,19,20, 29,30,31-23-3W	1,444	0	Miss Chat	3,400	35	68	0	0	0	1963
604	Burrton	Venus Oil Company	(W)Short	13388	Short	8-23-3W	80	80	Miss	3,359	7	6	0	0	0	1967
605	Burrton & Burrton North	Venus Oil Company	(W)Vogt	13387	Vogt	5-23-3W	160	160	Miss	3,371	27	2	0	0	0	1967
606	Hollow-Nikkel	Aladdin Petroleum Corp.	(P)Machgan	10648	Machgan	19-22-3W	540	0	Hunton	3,540	20	1	0	0	0	1964
607	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
608	Hollow-Nikkel	Kantor Oil Company	(W)Hollow-Nikkel Wfd	11005	Duerksen, Dyck, Hiebert, Neufeld, Nikkel, Schroeder, Siemens	5,8-22-3W	240	120	Miss + Hunton	3,200 3,500	10 22	20	0	2	0	1964
HARVEY-McPHERSON COUNTIES																
609	Harmac	Independent Lease Management Company	(P)Harmac	6889	Harmac	35,36-21-3W;1,2-22-3W	350	300	Hunton	3,550	8	6	1	0	0	1959
610	Hollow-Nikkel	Independent Lease Management Company	(W)Hollow-Nikkel	10729	Hollow-Nikkel, Schroeder	32,33-21-3W;4-22-3W	960	160	Hunton	3,500	20	13	3	0	0	1963
HODGEMAN COUNTY																
611	Eakin Northwest	Beardmore Drilling Co.	(P)Huling	11855	Huling, Mooney, Waterhouse "A"	15,16,22-21-21W	120	120	Miss	4,325	15	3	0	1	2	1965
612	Hallet	Kewanee Oil Company	(P)Hallet Wfd	7630		15,22-22-25W	960	0	Miss	4,597	64	12	0	0	0	1960
613	Hanston-Oppy	Sunray DX Oil Company	(P)S. Bamberger	13232	S. Bamberger	20-22-22W	640	0	Miss	4,528	22	6	0	0	0	1966
614	Oppy South	Beardmore Drilling Co.	(P)Clifton	12365	Clifton	1-23-23W	80	40	Miss	4,430	9	2	0	0	1	1966
615	Purdyville	Okmar Oil Company	(W)Schraeder	6892	Schraeder	3-24-24W	110	0	Miss	4,660	20	4	0	0	0	1959
616	Purdyville	Petroleum Management, Inc.	(-)Schraeder*	6892	Schraeder	3-24-24W	160	0	Miss	4,670	30	4	0	0	0	1959
JACKSON COUNTY																
617	Leach	Eureka Drilling Company	(D)Leach	12576	Leach	15-7-13E	---	---	Hunton	2,700	10	1	0	0	0	1966
JOHNSON COUNTY																
618	Gardner	C.G. Frisby	(D)Gordon-Frisby	12958		23-14-22E	10	---	Bartl	852	10	2	0	0	0	---
619	Gardner	Mo-Kan Oil Group	(P)	11601 11600	Bigelow, Griffin, McCann, McCann "A" & "C-K", McCann "B"	14,15-14-22E	120	80	Bartl	825	6	12	---	0	2	1964
KINGMAN COUNTY																
620	Alameda	Texaco, Inc.	(P)Alameda	13079		22,26,27,28,33,34-28-7W	1,640	0	Viola + Simpson	4,345	10	15	10	0	0	?
621	Casley	Petroleum Management, Inc.	(W)Casley	5422	Casley	11-28-5W	80	0	Miss	3,780	9	1	1	0	0	1957

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 1967			To End of 1967		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,	
599	1	0	0	0	Irreg.	150	160	Prod + Douglas	1,020	T	S Gas	3/1	38	?	7,857	4,500	58,000	15,300	204,000	
600	1	0	0	0	Irreg.	200	115	Prod + Douglas	1,000	T	Grav	?	39	?	4,659	2,000	42,000	4,300	108,000	
601	---	---	---	---	Irreg.	0	445	Prod	---	U	S Gas + Wat	?	48	?	1,288	0	162,419	0	1,972,360	
602	2	0	0	0	Irreg.	Vac.	528	Prod	---	U	Wat + S Gas*	1/8	36	---	54,836	0	269,317	0	269,317 [†]	*Gas Exp; [†] 1,127,413mcf
603	52	0	0	0	5-spot	209	542	Prod + Equus Beds	75	T	S Gas	?	36	---	226,710	226,710	11,226,800	1,115,682	40,288,903	
604	1	0	0	0	Irreg.	Vac.	827	Prod + Purchased	---	U	Wat	1/15	38	?	5,922	5,922	184,355	5,922	184,355	
605	1	0	0	0	Irreg.	Vac.	714	Prod + Purchased	---	U	Wat	1/22	38	?	2,384	2,384	159,090	2,384	159,090	
606	1	0	0	0	Irreg.	Vac.	2,500	Prod	---	U	Wat	---	39	---	2,450	2,450	971,080	11,963	2,286,700	
607	1	0	0	0	Irreg.	275	1,250	Equus	---	F	Grav	---	40	---	106,044	106,444	452,988	356,000	1,489,301	
608	1	0	0	0	Peri.	650	2,650	Prod + Equus Beds	35	M	Wat + S Gas	1/3	42	?	208,105	208,105	966,500	500,000	2,700,000	
609	1	1	0	0	Peri.	350	1,080	Prod + Miss	3,500	U	Wat + S Gas	1/3	40	?	9,103	9,103	394,200	510,380	4,008,185	
610	2	0	0	0	Peri.	760	2,797	Equus Beds	25	F	S Gas + Grav	7/10	40	?	127,528	127,528	2,042,144	550,196	10,106,871	
611	1	0	0	0	Irreg.	450	274	Prod	---	T	Wat + S Gas	?	35	?	59,275	10,000	99,903	20,000	290,919	
612	5	1	0	1	Peri.	1,430	441	Prod + Gravel	410	F	Wat	37/12	38	?	88,588	72,618	804,723	604,237	4,440,300	
613	1	1	0	0	Irreg.	300	1,220	Prod	---	U	Wat	1/11	36	?	41,744	2,000	447,115	4,000	547,815	
614	1	0	0	0	Irreg.	520	332	Prod	---	-	Wat	?	36	?	26,412	5,000	121,331	10,000	217,178	
615	1	0	0	0	Irreg.	0	1,038	Prod	---	U	Wat*	---	35	---	36,376	8,020	382,200	38,458	1,469,632	*S Gas
616	1	0	0	0	Irreg.	300	640	Prod	---	T	Wat	---	35	---	27,488	7,400	184,000	39,025	1,166,600	*Lease sold 10-1-67
617	1	0	0	0	Irreg.	0	100	Prod	---	T	Wat	50/50	27	---	4,000	2,000	45,000	5,000	69,000	
618	---	---	---	---	Line	---	10	Prod + Bartl	855	M	Wat	---	21	---	1,440	0	---	---	---	
619	7	0	0	0	Irreg.	180	25	Prod + Burgess	950	U	Grav	50/1	22	---	10,000	8,000	54,000	25,000	110,000	
620	0	0	0	0	Peri.	---	---	---	---	-	Wat	86/29	43	.71	1,437,151	0	0	---	---	
621	1	0	0	0	Irreg.	150	80	Prod	---	U	S Gas	2/3	36	---	3,313	1,100	24,640	7,469	459,923	

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.	
KINGMAN Cont.																
622	Cunningham	Skelly Oil Company	(W)Cunningham	8651*	Miles, "A", "B", "C"	19,30-27-10W	320	0	Lans-KC	3,400	8	6	0	0	0	1961
623	Orsemus	Texaco, Inc.	(P)Orsemus Pool	12870	Jake Graber, B.J. Stucky, O.W. Tanner	30-29-5W	160	0	Viola + Simpson	4,475	10	4	0	---	---	1966
624	Reida East	Shaw Drilling Company	(P)Riggs	12975	Riggs	16,17-30-6W	160	0	Miss	4,094	15	1	---	0	0	1966
625	Spivey Grabs-Basil	Drillers Production Co., Inc.	(W)Krehbiel	13534	Krehbiel	26-29-7W	440	0	Miss	4,200	20	9	0	0	0	1967
626	Spivey Grabs-Basil	Sunray DX Oil Company	(D) Higgins	5576	Higgins	9-30-8W	80	0	Miss Chat	4,185	45	1	0	0	0	1957
KINGMAN-PRATT COUNTIES																
627	Cunningham	Skelly Oil Company	(W)Cunningham "B"	6106	J.A. Hoagland, Interurban Realty Co., Krehbiel "A", C.H. Lakin, East Maxedon, South Maxedon, West Maxedon, Wells #1, #2, #3, G.D. Miller, John Miller, C.J. Moore, J.M. Ratcliff, North Ratcliff	19,30-27-10W; 25,26,36-27-11W	800	555	Lans-KC	3,400	16	13	0	0	3	1958
KINGMAN-SEDGWICK COUNTIES																
628	Bartholomew	The Shallow Water Ref. Co.	(W)Bartholomew	5288	Bartholomew	29,30,31-27-4W;36- 27-5W;6-28-4W;1-28-5W	0	0	Miss	3,700	11	0	0	0	12	1957
LABETTE COUNTY																
629	Coffeyville- Cherryvale	Warren Blufston	(W)Testerman "A"	12655	Testerman "A"	14-33-17E	80	---	Bartl	670	18	0	7	0	0	1966
630	Coffeyville- Cherryvale	Dodson Drilling Company	(-)Perry	9483	Eddie Perry	25-32-17E	20	0	Bartl	650	?	7	3	0	0	1962
631	Coffeyville- Cherryvale	L.R. Oakleaf, Sr.	(D)Utter-Kincaid	7846	Utter-Kincaid	23-32-17E	10	0	Bartl	660	23	1	2	0	0	1959
632	Mound Valley	Larry Moore Ranch, Inc. & Ralph Helms	(W)Beard-Kudrick*	7845 5125	Beard, Ellis, Kudrick, McDole	22,27-32-18E	60	0	Bartl	650	20	20	5	0	0	1956
633	Mound Valley	Robert J. Shryock	(W)Beard-Kudrick	5125	Beard, Ellis, Kudrick McDole	22,23,27-32-18E	480	---	Bartl	650	20	14	2	0	0	---
634	Mound Valley	Vot Oil Company	(-)	6323	Merrick	33-32-18E	160	0	Bartl	580	20	12	0	0	0	1958
635	Price	APCO Oil Corporation	(W)Byers	10338	Byers Unit-O'Connell, Dowell-Dodd, Helwig	12-33-17E;7,8- 33-18E	300	0	Bartl	600	20	85	10	0	0	?
636	Price	Larry Moore Ranch, Inc. & Ralph Helms	(W) Bellah*	13012	Hugo, Kelley	4,5-33-18E	40	40	Bartl	540	15	10	All	0	0	1966
637	Price	Larry Moore Ranch, Inc. & Ralph Helms	(W) Kelley-Hugo*	6757	Hugo, Kelley	4-33-18E	40	40	Bartl	550	15	10	0	0	0	1959
LABETTE-MONTGOMERY COUNTIES																
638	Coffeyville- Cherryvale	SeKan Drilling Company	(P)Country Club	11991	Price, Spradlin	26,27-32-17E	40	0	Bartl	660	30	4	0	0	0	1965
LINN COUNTY																
639	Goodrich-Parker	Budrus & Wood	(W)Linn Flood	9576	Mowry, Nolan, Underhill	23,26-19-22E	45	0	Bartl	670	12	9	1	0	0	1963
640	Goodrich-Parker	Marmon Oil Company	(P)Goodrich Group	3165	Bearly, Brownrigg, Byerly, Cox, Green, Wootin	20-20-22E	300	0	Squirrel	600	30	101	0	0	0	1943
641	LaCygne-Cadmus	Dakota Oil Company	(-)*	12867	Harvey	5-20-23E	0	0	Peru	266	34	0	16	3	0	---
642	LaCygne-Cadmus	Dubros, Inc.	(S)	11132	Ray Baker, Frank Crisler, Fred Harvey, Claude Light, May Snyder	5,8,9-20-23E	20	0	Peru	250	30	0	20	4	0	1965
643	LaCygne-Cadmus	Robert A. Mason	(W)LaCygne	12025*	Lee, J.W. Persons	10,11-20-23E	250	0	Peru	210	12	48	0	0	0	1955
644	LaCygne-Cadmus	Paul W. Schuster	(W)	3150	Wilbur L. Scott	34,35-19-23E; 2,3-20-23E	80	0	Peru	250	20	20	0	0	1	?
LINN-MIAMI COUNTIES																
645	Beagle	Robert A. Mason	(W)South Beagle	13055	Ernest Cook, Johnnie Day	15,22-19-22E	35	0	Squirrel	480	15	8	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 1967			To End of 1967		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,		
622	4	0	0	0	Irreg.	0	242	Shallow Sand	80	M	S Gas	---	34	?	33,715	33,715	398,038	281,861	2,107,861 [†]	*7701; 7702; [†] 7,102,162mcf	
623	1	0	0	0	Irreg.	350	370	Prod	---	U	Wat	2/1	44	1	216,426	0	292,435	---	337,977		
624	1	0	0	0	---	---	---	Prod	---	-	Wat*	---	34	---	1,790	0	24,000	0	48,000	*S Gas	
625	1	0	0	0	Irreg.	Vac.	187	Prod	---	U	Wat + S Gas*	1/5	31	---	1,324	0	26,877	0	26,877	*Gas Exp	
626	1	0	0	0	Irreg.	Grav.	49	Prod	---	U	S Gas	23/10	36	3.1	181	181	17,998	6,048	231,161		
627	13	0	0	14	Irreg.	100	36	Prod + Sh Sd	80	M	S Gas	?	36	?	41,375	41,375	170,238	509,560	12,516,497*	*102,258mcf	
628	0	4	0	3	Peri.	0	0	Arbuc	4,227	U	Wat + S Gas	?	36	?	30,994	0	0	204,433	9,369,243		
629	2	0	1	0	5-spot	150	100	Prod + Pond	670	M	Comb.	1/5	31	---	1,000	0	50,000	0	55,000		
630	2	0	0	0	---	250	---	Prod	---	U	Gas Exp	40/60	23	---	4,195	2,000	20,347	20,000	104,063		
631	1	0	0	0	3-spot	200	0-20	Oswego	400	M	S Gas	10/1	33	?	1,095	0	?	0	300		
632	12	1	0	0	5-spot	430	60	Arbuc	1,220	T	S Gas + Gas Exp	90/10	32	---	3,467	3,467	158,330	120,511	1,570,347	*Lease sold	
633	10	4	0	0	Irreg.	330	33	Prod + Arbuc	1,500	T	Wat	---	31	---	4,800	2,400	---	4,800	---		
634	1	0	0	0	Line	0	10	Prod	---	U	Gas Exp	---	32	---	---	0	---	---	---		
635	30	1	0	0	Irreg.	487	41	Prod + Arbuc	1,400	M	S Gas	?	30	?	16,795	16,795	451,421	91,336	1,890,059		
636	5	All	0	0	Irreg.	500	90	Prod + Arbuc	1,186	T	S Gas + Gas Exp	90/10	32	---	965	965	130,784	965	130,784	*Lease shut down 12-1-67	
637	6	0	0	0	5-spot	500	80	Prod + Pond + Arbuc	---	M	S Gas + Gas Exp	90/10	32	---	1,855	1,855	125,000	52,000	1,175,049	*Lease shut down 12-1-67	
638	1	0	0	0	Irreg.	450	100	Prod + Miss	1,100	T	Grav	1/6	34	?	8,100	1,500	36,000	4,200	90,500		
639	8	---	---	---	Irreg.	475	20	Prod + Hertha	280	M	S Gas	10/1	28	47	3,965	3,965	58,767	15,705	301,587		
640	96	0	0	0	5-spot	650	20	Prod + Arbuc	1,400	T	Gas Exp	?	29	?	9,062	9,062	477,884	583,467	10,010,235		
641	---	---	---	---	5-spot	---	---	---	---	-	Grav	?	28	68	488	0	0	0	0	0	*Future
642	0	11	9	0	5-spot	275	50	Surface	---	F	Grav	95/5	30	36	2,600	2,600	13,500	2,600	13,500		
643	37	0	0	0	Irreg.	200	15	Prod + Surface	---	F	S Gas	---	25	60	20,424	20,424	278,609	3,150,527	374,233	*454	
644	20	0	0	0	5-spot	100	20	Prod + Arbuc	1,040	M	Grav	?	30	?	4,800	4,800	14,600	?	?		
645	10	0	0	0	5-spot	400	9	Prod	---	F	S Gas	10/1	27	40	4,789	4,789	22,352	5,387	22,352		

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.	
LYON COUNTY																
646	Atyeo-Pixlee	Stewart Producers, Inc.	(W)Lowe-Jones	4314	Jones, Lowe	19-21-10E	30	10	Bartl	2,195	8	1	0	0	0	1954
647	Ly-Green	Leland Dreyer	(D)R.B. Byrd	5004		32-21-11E	110	0	Bartl	1,900	17	0	0	0	0	1956
648	Rock Creek	C.E. Murphy	(P)Murphy	5671	Murphy	29,32-21-11E	320	0	Bartl	1,920	15	6	1	1	0	1961
McPHERSON COUNTY																
649	Chindberg	George Hess	(P)Swanson SWD	5631	Swanson	13-19-3W	80	0	Miss	2,990	36	1	0	0	0	1957
650	Georob	Colorado Oil Company	(D)Robinson	7365	Robinson	1-18-2W	40	0	Miss Chat	2,790	7	3	0	0	0	1959
651	Georob	Colorado Oil Company	(W)Robinson "A"	12188	Robinson "A"	36-17-2W	40	0	Miss Chat	2,734	11	1	0	0	0	1965
652	Graber	Cities Sercie Oil Company	(W)Graber Wfd	3017	C. Jones, D.B. Jones	31,32-21-1W	60	0	Hunton	3,285	25	3	1	0	1	1952
653	Graber	Continental Oil Company	(W)Graber-Hunton Wfd	2434	J.M. Boechner, C. Goering, A.K. Graber, C.C. Graber, A. Hetzke, F.A. Hetzke, C. Jones "A", D.B. Jones "A", A.E. Kindblade	20,29,30,31,32-21-1W	800	56	Hunton	3,280	40	17	0	0	0	1947
654	Hollow-Nikkel	George R. Hess	(P)Schroeder	13798	Schroeder	28-21-3W	80	0	Hunton	3,418	20	0	0	0	0	1967
655	Jenday	Colorado Oil Company	(-)Russell	13337	Russell "A"	1-19-2W	---	---	---	---	---	---	---	---	---	---
656	Jenday	Alfred Koehn	(D)Ryno SWD	5715	Russell	6-19-1W	?	?	Miss Chat	2,927	20	2	0	0	0	?
657	Jenday	Alfred Koehn	(D)Wedel B SWD	1295	Wedel A, Wedel B, S. Wedel	7,8-19-1W	?	?	Miss Chat	2,955	15	?	0	0	0	?
658	Lindsborg	Millneva Oil Company	(D)R.A. Johnson	11527	R.A. Johnson	19-17-3W	160	0	Maquoketa	3,370	10	1	0	0	0	1965
659	Lindsborg	Dale Reese Oil Company	(W)F. Johnson	12269	Comm "B", Frank Johnson	8-17-3W	?	0	Viola	3,361	10	?	0	0	0	1967
660	Lindsborg	Texaco, Inc.	(W)I.E. Helander*	11826		36-17-4W	240	---	Viola	3,377	15	4	1	0	0	1965
661	McPherson	Leonard Bruce	(D)Rolander	6179	Rolander	30-18-2W	10	0	KC	2,340	10	1	0	0	0	1958
662	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	---	1	0	1959
663	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
664	Paden	Glickman Oil Company	(W)South Paden	13383	Greenwood, South Paden	16,21,22,28-18-1W	350	0	Miss	2,775	15	0	0	0	0	1967
665	Ritz-Canton	Colorado Oil Company	(P)Lacquement	8813	Lacquement	20-19-1W	40	10	Miss	2,942	208	2	0	0	0	1961
666	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
667	Ritz-Canton	George R. Hess	(P)Somers SWD*	7076	Somers	35-19-2W	160	0	Miss	2,965	20	1	2	0	0	1959
668	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
669	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
670	Ritz-Canton	Hillenburg Oil Company	(D)Eaton Knudson	7971	Eaton	23,26-19-2W	160	0	Miss	2,960	10	4	0	0	0	---
671	Ritz-Canton	Hillenburg Oil Company	(D)Knudson	7961	Knudson	26-19-2W	80	0	Miss	2,940	10	3	0	0	0	---
672	Ritz-Canton	Hillenburg Oil Company	(D)F.A. Lovett	9787*	F.A. Lovett	13-19-2W	160	0	Miss	2,920	25	3	0	1	---	---
673	Ritz-Canton	Hillenburg Oil Company	(D)Unruh	6975	Unruh	34-19-2W	160	0	Miss	2,942	6	3	0	1	0	---
674	Ritz-Canton	Frank Jones Oil Operations	(P)Ritz-Canton	7617* 7253 4565	Finkle, C.R. Johnson, Lovett, B.H. Russell, Opal Russell	23,24-19-2W	480	?	Miss	2,900	8	14	6	0	0	1952
675	Ritz-Canton	Kirby Petroleum Company	(P)Lively	4031	Anderson "A", "B", J.J. Koehn, R.J. Koehn, Lively Rishel "A", "B", Robertson, Scott, Suderman, Unruh "B"	21,22,27,28,33- 19-2W	0	0	Miss	2,950	8	0	0	0	0	1954
676	Ritz-Canton	Alfred Koehn	(-)Miller SWD	5844		36-19-2W	?	?	Miss Chat	2,920	30	0	0	0	0	?
677	Ritz-Canton	Alfred Koehn	(D)Unruh SWD	3476	Unruh	26-19-2W	---	---	Miss Chat	2,942	40	?	0	0	0	?
678	Ritz-Canton	Simon Lebow Corp.	(D)Becker	3500	J.J. Becker, P.J. Becker	36-19-2W	120	0	Miss	2,935	33	2	0	0	0	1953
679	Ritz-Canton	Ray Perera	(D)Drum	6760	Drum	35-19-2W	20	0	Viola	3,480	15	1	0	0	0	1958
680	Ritz-Canton	Norris Tickel	(D)Rishel	3803	Bishop, Dielman, Rishel	35-19-2W	320	---	Miss Chat	2,900	12	10	2	0	0	1954
681	Ritz-Canton	Norris Tickel	(D)Thomas	8174	Lewis, Thomas, Williams	26-19-2W	240	---	Miss Chat	2,910	9	9	---	0	0	1960
682	Roxbury South	White Hawk Oil Company	(D)Bishop	6463	Bishop, Lilly	30-17-1W	120	0	Miss	2,685	5	2	0	0	0	1958
683	Voshell	Law & Spear	(-)J. Koehn	2840	J. Flaming, J. Koehn, P.A. Koehn, J. Stucky	9,16-21-3W	50	30	Miss + Viola +*	3,017	15	3	0	0	0	1951
684	Welch-Bornholdt	R.R. Rhyne	(D)Geiman-King-Nell	12520	Geiman, King, Neel	30-19-5W	5	0	Penn Congl	3,420	8	0	0	0	0	1966
McPHERSON-MARION COUNTIES																
685	Goessel	Donald C. Slawson	(W)Goessel Hunton	13747	Goessel Hunton Wfd	6-21-1E;1,12-21-1W	0	0	Hunton	3,400	10	0	0	0	0	1968
McPHERSON-SALINE COUNTIES																
686	Gypsum Creek	George Hess	(P)Buckeye "C" SWD	4038	Bukey D, Van Meter A, B	32-16-1W;5-17-1W	240	0	Miss	2,622	20	4	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 1967			To End of 1967		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		
646	1	0	1	0	Line	450	0	Prod + KC	1,460	U	Gas Exp*	98/2	38	---	745	745	9,000	16,978	324,524	*Grav	
647	1	0	0	0	Line	0	40	Prod	---	U	Grav	?	40	---	489	0	8,000	0	?		
648	2	0	0	0	Irreg.	450	110	Prod	---	U	Grav	---	39	---	10,102	6,000	6,500	---	---		
649	1	0	0	0	Irreg.	0	390	Prod	---	U	Wat	30/70	35	?	986	0	142,350	0	439,975		
650	1	0	0	0	Irreg.	Vac.	154	Prod	---	U	Wat	1/8	35	---	6,746	2,642	56,942	11,814	219,556		
651	1	0	0	0	Irreg.	Vac.	366	Prod	---	U	Wat	1/95	31	---	1,035	0	133,686	0	305,269		
652	2	0	0	0	Irreg.	230	337	Prod + Sh Sd	100	M	S Gas	1/0	40	?	9,427	9,427	246,225	368,815	1,063,186		
653	15	0	0	0	Irreg.	0	340	Prod	---	U	---	?	41	---	63,121	63,121	1,533,939	6,042,746	42,197,837		
654	1	0	0	0	Irreg.	0	120	Prod	---	U	Wat	90/10	40	---	8,942	8,942	12,600	26,663	12,600		
655	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
656	1	0	0	0	Irreg.	0	550	Prod	---	T	Grav	5/95	37	?	6,000	?	150,000	?	?		
657	?	?	0	0	Irreg.	Vac.	300	Prod	---	T	Grav	3/97	35	?	7,200	?	108,000	?	?		
658	1	0	1	0	5-spot	0	200	---	42	F	Wat	1/99	35	?	3,019	1,510	73,000	7,034	133,200		
659	1	0	0	0	Line	0	350	Prod + Equus Beds	68	T*	Wat	---	34	---	4,669	466	127,750	800	146,000	*M	
660	1	---	---	---	Irreg.	0	334	Prod	---	U	Wat†	2/33	35	---	3,682	788	61,356	---	228,628	*Lease adnd August 1967;	
661	1	0	0	0	Line	0	15	Prod	---	U	Wat	25/75	34	?	1,440	0	5,475	0	54,750	†S Gas	
662	2	0	0	0	Irreg.	340	225	Prod + Miss	2,900	U	S Gas	80/20	36	---	13,765	10,065	164,599	126,517	995,886		
663	1	0	0	0	Irreg.	30	175	Prod + Miss Chat	3,000	U	S Gas	90/10	36	?	3,831	3,831	61,837	51,305	447,661		
664	9	0	0	0	Peri.	65	115	Prod + Douglas	2,026	U	S Gas	1/14	37	8.2	16,076	0	144,834	0	144,834		
665	1	0	0	0	Irreg.	Vac.	265	Prod	---	U	Comb.	1/18	34	---	3,409	3,409	99,598	12,068	583,240		
666	1	0	0	0	Irreg.	0	220	Prod	---	U	Wat	70/30	35	?	2,892	0	80,300	0	211,900		
667	1	0	0	0	Irreg.	0	250	Prod	---	U	Wat	20/80	35	?	1,380	0	91,250	0	521,050	*Lease sold 1-1-68	
668	4	0	0	0	Irreg.	0	50	Prod	---	U	Wat	40/60	35	?	0	0	18,250	3,075	189,345		
669	1	0	0	0	Irreg.	0	200	Prod	---	U	Wat	50/50	35	?	6,796	0	73,000	0	586,000		
670	1	1	0	0	Irreg.	Vac.	900	Prod	---	U	Grav	6/94	35	---	8,370	837	---	?	---		
671	1	0	0	0	Irreg.	Vac.	850	Prod	---	U	Grav	25/75	35	---	9,154	1,831	---	?	---		
672	1	0	0	0	Irreg.	Vac.	800	Prod	---	U	Grav	10/90	35	---	5,144	1,286	---	?	---	*2039	
673	1	0	0	0	Irreg.	Vac.	500	Prod	---	U	Grav	30/70	35	---	9,226	1,845	---	?	---		
674	4	0	0	0	Irreg.	0	400	Prod	---	U	Grav	8/92	36	?	90,000	30,000	1,300,000	?	?	*3286	
675	1	0	0	---	Irreg.	0	1,900	Prod	---	U	Wat	---	36	---	63,510	0	693,500	?	?		
676	1	0	0	0	Irreg.	0	100	Prod	---	T	Grav	5/95	34	?	?	?	?	---	---		
677	0	0	0	0	Irreg.	Vac.	525	Prod	---	T	Grav	2/98	34	?	2,520	?	145,000	?	?		
678	1	0	0	0	Irreg.	0	100	Prod	---	U	Comb.	---	38	?	2,000	?	35,000	?	435,000		
679	1	0	0	0	Irreg.	Vac.	1,000	Prod + Miss	3,050	T	Wat*	?	36	?	4,368	1,200	125,000	?	2,525,000	*Grav	
680	1	0	0	0	Irreg.	Vac.	240	Prod	---	U	---	---	37	---	25,560	1,440	86,400	---	1,440	*Standard location	
681	---	---	---	---	Irreg.	Vac.	60	Prod	---	U	Wat	---	36	---	11,880	---	86,400	720	---	*Standard location	
682	1	0	0	0	Irreg.	0	612	Prod	---	U	Wat	?	33	?	3,945	2,130	223,412	32,401	2,253,115		
683	1	0	0	0	Irreg.	---	288	---	---	T	Grav	?	40	---	24,791	2,480	525,000	?	---	*Simpson + Arbuc	
684	1	0	0	0	Irreg.	0	225	Prod	---	U	S Gas	---	34	?	11,317	0	82,125	0	144,925		
685	0	0	0	0	Peri.	---	---	Prod + Miss Osage	3,050	U	S Gas	1/1	40	3	37,849	0	0	0	0		
686	1	0	0	0	Irreg.	0	350	Prod	---	U	Wat	50/50	35	?	12,200	0	127,750	0	1,082,750		

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.	
MARION COUNTY																
687	Lost Springs	Frank Jones Oil Operations	(D)Lost Springs	9545	Bevan	27-17-4E	160	0	Miss	2,400	15	4	0	0	0	1958
688	Lost Springs	Roland Jones	(D)Huna Project	13045	B. Benda, A. Melcher, P. Shramek	20-18-4E	640	320	Miss	2,402	40	6	6	0	3	1966
689	Lost Springs	Francis R. Loriaux	(-)Bevan	7768	Bevan BF, Bevan C, C. Reznick	21,22,28-17-4E	0	290	---	---	---	0	---	0	---	1961
690	Lost Springs	Okmar Oil Company	(W)Kaiser	13411	Kaiser	33-17-4E	120	0	Miss	2,350	50	1	0	0	0	1967
691	Lost Springs	Okmar Oil Company	(D)Novak "A" Wfd	13338*	Novak	28-17-4E	50	0	Miss	2,383	20	1	0	0	0	1959
692	Peabody	Drillers & Producers	(-)Deforest*	11405		9-22-4E	---	---	Miss	2,260	16	?	2	0	1	---
693	Unger	Cities Service Oil Co.	(W)Good "B"- Lowen "A"	13156	Good "B", Lowen "A"	18-21-3E	20	0	Hunton	2,800	8	1	0	0	0	1966
MEADE COUNTY																
694	Novinger	Cities Service Oil Co.	(W)Novinger	4924	Novinger	22,23,26,27,34,35-33-30W;2,3-34-30W	1,839	0	Marmaton	5,297	15	15	10	0	0	1956
695	Stevens	Colorado Oil Company	(W)Stevens	11839	Holmes, Kelly, Krause, Leslie, Leslie "A"	35,36-32-30W; 2,3-33-30W	320	0	Morrow	4,500	10	2	2	0	0	1965
MIAMI COUNTY																
696	Black	Robert A. Mason	(W)Sheridan-Crume	13497*	Crume, Sheridan	9,10-19-24E	720	0	Prue	220	12	15	0	8	---	1966
697	Louisburg	E. Buddrus	(W)Louisburg Group-McHale Project	11056	McHale, Martin, Roger	9-17-25E	105	0	Prue	400	11	29	---	1	---	1964
698	Louisburg	R & S Group	(W)R & S Group	5762	Briggs, Dunn, Gardner, Richmond, Shulties	23,27,28,34-16-25E	75	5	Prue	300	14	25	2	0	2	1958
699	Paola-Rantoul	A.B.C. Oil Company	(P)Producers Group	3132	Bapels, Chapman, Day, Estes, Fenoughty, Roberts, Sheehy, Staadt, Ware, Williams	22-17-22E	627	0	Peru	350	20	190	0	0	0	1945
700	Paola-Rantoul	A.B.C. Oil Company	(P)Schmitt	4829	Schmitt	11-17-22E	30	0	Peru	350	20	6	0	0	0	?
701	Paola-Rantoul	W.M. Dary	(W)Paola-Rantoul	13106	Marvin Barkis, Alfred E. Metsker	22-16-24E	24	0	Peru	440	10	10	0	6	0	1967
702	Paola-Rantoul	Dunne Equities, Inc.	(D)Ringer	12326		1-17-23E	320	0	Peru	410	6	3	1	0	0	1966
703	Paola-Rantoul	Herbert Kepple	(D)Kepple	12704	Kepple	17-17-23E	53	?	Peru	358	28	2	0	0	0	1967
704	Paola-Rantoul	Mid-America Petroleum Co.	(W)Beagle	13748	Ralph Grant, Robert Edward Lee, Velma Marie Vaughn	3-19-22E	20	0	Squirrel	564	20	5	1	1	0	1967
705	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																
706	Brewster	Cora Oil Co., Inc.	(W)Brewster Flood	12671	A. Bruington, F. Catlett, A. Meyer, H. Meyer, F. Mitchell, A. Mueller	34,35-32-16E;2,3-33-16E	45	0	Peru	500	25	7	0	0	0	1966
707	Brewster	John S. Norris	(W)Bullock-Demott-Romig	6215	O.W. Bullock, Gertrude Demott, Wilmer C. Romig	8,9-32-16E	80	0	Bartl	845	45	5	0	0	0	1958
708	Coffeyville-Cherryvale	Goodbar Oil Company	(W)Davis	9082	Davis, King-Day, Voght	17,19,20-34-17E	5	0	Bartl	585	25	1	0	0	0	1962
709	Coffeyville-Cherryvale	Goodbar Oil Company	(W)King-Day	9081	Davis, King Day, Voght	17,19,30-34-17E	30	0	Bartl	595	20	6	0	0	0	1962
710	Coffeyville-Cherryvale	Goodbar Oil Company	(W)Voght	4034	Davis, King-Day, Voght	17,19,20-34-17E	31	15	Bartl	590	25	6	0	0	0	1954
711	Coffeyville-Cherryvale	Russell Operating Company	(W)Blaes	12029	Joe Blaes	19,30-31-17E	150	0	Bartl	780	12	20	0	0	0	1965
712	Jefferson-Sycamore	R.P. Guyot	(W)Harvey	13445	Harvey	13-34-15E	80	0	Wayside	400	20	6	2	0	0	1967
713	Jefferson-Sycamore	Horton Oil Co., Inc.	(D)Stocker	10093	Stocker	13-33-14E	20	0	Bartl	1,205	19	0	0	0	0	1964
714	Jefferson-Sycamore	George Kerasotes Et al	(W)Carpenter	12123	Cities Service Gas Co. (Carpenter)	1-34-15E	20	5	Squirrel	815	12	4	2	0	2	1965
715	Jefferson-Sycamore	R.F. Schoonover	(W)Sycamore	9667	W.R. Height, Chet Overfield, Howard Overfield, A.P. Wildgrube	30-31-16E	60	0	Wayside	490	20	16	0	0	0	1964
716	Neodesha	Burk Royalty Co.	(W)South Willis	11423	Hazen, Nantz, Newman	2,3,10,11-31-16E	160	---	Bartl	800	10	30	0	0	0	?
717	Wayside-Havana	H.J. Horton	(D)Defenbaugh	13726*	Arazella Defenbaugh	3-34-14E	10	0	Wayside	680	25	0	0	0	0	?
718	Wayside-Havana	Horton Oil Co., Inc.	(W)Ruth Diver	10447		5-34-14E	20	0	Wayside	700	30	1	0	0	0	1963
719	Wayside-Havana	H.J. Horton	(D)Havener	3222	Havener	33-33-14E	40	120	Wayside	700	30	0	0	0	0	1953

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 1967			To End of 1967		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,	
687	1	0	0	0	Irreg.	0	200	Prod	---	U	Wat	10/90	35	---	11,000	3,000	73,000	10,000	200,000	
688	6	0	0	0	Irreg.	0	30	Prod	---	U	Wat	10/90	35	---	6,188	?	180	6,188	66,000	
689	0	6	0	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
690	1	0	0	0	Irreg.	0	206	Prod	---	U	S Gas	1/19	34	---	2,214	1,095	55,629	1,095	55,629	
691	1	0	0	0	Irreg.	0	240	Prod	---	U	S Gas	---	36	---	3,430	1,700	87,600	12,600	360,600	*7890
692	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0	0	*Discontinued
693	1	0	0	0	Line	200	127	Prod	---	U	S Gas	3/5	35	?	5,694	5,694	46,335	5,694	48,335	
694	11	0	0	0	Line	1,145	310	Prod	400	M	S Gas	---	45	3.4	264,980	264,980	1,242,980	2,811,024	13,689,924	
695	2	0	0	0	Irreg.	550	650	Prod + Ogallala Sd	295	M	S Gas	1/0	37	---	15,545	3,775	471,607	4,345	995,002	
696	14	0	9	0	5-spot	200	17	Prod	---	F	S Gas	1/1	4	40	2,322	2,322	37,972	2,726	52,172	*590
697	23	1	1*	0	5-spot	280	24	Prod + Hertha + Surface	260	M	S Gas	20/1	34	?	19,454	14,191	202,208	29,500	504,798	*Replacement
698	25	0	0	0	Line	320	344	Prod + Arbuc	1,300	?	S Gas	20/1	34	100	16,540	16,540	314,818	452,366	2,909,219	
699	126	0	0	0	5-spot	350	33	Prod + Arbuc	---	M	S Gas	?	30	?	14,600	14,600	1,533,000	881,673	36,072,617	
700	4	0	0	0	5-spot	350	40	Prod + Arbuc	---	M	S Gas	?	30	?	2,410	2,410	58,400	17,586	156,759	
701	2	0	6	0	5-spot	290	20	Peru	440	U	Grav	25/75	31	?	2,539	600	2,160	600	2,160	
702	1	0	0	0	Irreg.	0	10	Prod	---	U	Gas Exp	?	32	---	1,130	0	4,500	0	4,500	
703	3	0	0	0	Irreg.	40	10	Prod	---	-	Grav	1/10	32	?	370	0	?	---	---	
704	1	0	0	0	5-spot	300	18	Prod	---	U	Grav	?	31	?	633	0	1,600	0	1,600	
705	15	1	0	0	5-spot	650	31	Prod + Miss	1,240	T	S Gas	---	32	?	14,025	14,025	168,718	53,658	506,246	
706	5	0	0	0	Irreg.	350	60	Prod + Arbuc	1,276	U	S Gas	---	30	---	0	0	60,000	0	85,000	
707	5	0	0	0	Irreg.	270	30	Prod + Fresh + Gravel Bed	27	M	S Gas	?	31	?	980	980	54,950	4,399	501,650	
708	1	0	0	0	Line	350	50	Prod + River Water	---	M	Gas Exp + Grav	?	31	?	2,210	2,210	21,614	5,550	108,614	
709	9	0	0	0	Line	600	50	Prod + River Water	---	M	Gas Exp + Grav	?	31	?	4,198	4,198	131,400	30,906	592,805	
710	7	0	0	0	Line	620	50	Prod + River Water	---	M	Gas Exp + Grav	?	31	?	4,380	4,380	124,922	45,996	1,123,904	
711	19	1	0	0	5-spot	375	13	Prod + Prue	480	M	S Gas	1/0	31	30	3,649	3,649	90,000	6,598	175,483	
712	2	0	0	0	Irreg.	200	50	Squirrel	700	T	Gas Exp	98/2	30	?	816	50	10,000	50	10,000	
713	1	0	0	0	Irreg.	Grav.	10	Prod	---	U	Grav	1/3	32	---	800	0	2,400	0	10,200	
714	2	0	0	0	5-spot	400	30	Prod	---	T	S Gas	5/10	34	?	1,626	200	10,850	1,700	75,295	
715	16	0	0	0	Irreg.	400	20	Prod + River	---	M	S Gas	25/75	33	?	3,000	?	18,250	?	250,000	
716	10	---	0	0	Irreg.	400	22	Prod + Subsurface	350	M	S Gas	?	36	?	5,244	5,244	110,061	?	?	
717	1	0	0	0	Irreg.	Grav.	10	Prod	---	U	---	?	30	---	240	0	3,000	0	?	*10441
718	2	0	0	0	5-spot	400	15	Prod	---	U	Grav	1/3	30	---	3,600	0	9,000	0	22,000	
719	4	0	0	0	5-spot	Grav.	5	Prod	---	U	Grav	?	30	---	1,800	0	7,200	?	?	

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.	
MONTGOMERY Cont.																
720	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
721	Wayside-Havana	H. J. Horton	(W)Mantooth-Dunham	10712	Dunham, Mantooth	28,33-33-14E	20	0	Wayside	700	30	3	0	0	0	1965
722	Wayside-Havana	H. J. Horton	(W)Smotherman	7983	Smotherman	28-33-14E	10	0	Wayside	700	35	0	0	0	0	?
723	Wayside-Havana	Kurtis & Horton	(W)Dalby	9034	Dalby	7-34-14E	50	0	Wayside	654	28	10	0	0	0	?
724	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
725	Wayside-Havana	Shannon Brothers	(W)Neiswanger	10949	Neiswanger	17-34-14E	160	0	Bartl	1,272	12	3	0	0	0	1964
726	Wayside-Havana	Lyle Smith Petroleum Co.	(P)Dalby	9034*	Dalby	7-34-14E	60	0	Wayside	665	20	9	6	0	0	1967
727	Wayside-Havana	Wayside Oil Co.	(P)	11852	Dalby	12-34-13E	80	0	Wayside	700	18	0	8	0	0	1965
MORTON COUNTY																
728	Interstate	Anadarko Production Co.	(P)Interstate Purdy	11602	Morrow Sand Oil	8,9,16,17,20,21,28, 29,30,31,32-34-43W	3,800	0	Purdy- Morrow	4,192	35	66	2	0	0	1965
729	Wilburton	Cities Service Oil Co.	(P)Wilburton Morrow	12571	Wilburton Morrow "C" Sand	28,29,32,33-34-41W; 4,5-35-41W	3,840	0	Morrow "C"	4,900	40	15	0	0	0	1966
730	Wilburton	Cities Service Oil Co.	(W)Wilburton S-3	13848	Wilburton S-3 Lower Morrow	Sand Unit 5-35-41W	640	0	Morrow	5,050	10	5	0	0	0	---
NEOSHO COUNTY																
731	Erie	BDK Company	(W)Shaw	11287	Burroughs, Hudson, Johnson, Larue, Leatherman	4,9,10-28-19E	35	0	Bartl	600	15	8	0	0	0	1964
732	Erie	Edwards & Purviance	(D)	2491	Edwards & Purviance	19-28-20E	20	---	Bartl	540	14	5	---	0	0	1949
733	Erie	Midwestern Oil Co., Inc.	(D)Shaw	3405	Carlton, Decipals of Christ, Gearheart, Hole, McGowen	15,22-28-19E	120	120	Bartl	600	12	0	0	3	10	?
734	Erie	Russell Operating Co.	(W)County Farm	11926	Neosho County Poor Farm	34-28-20E	50	0	Bartl	480	16	13	0	0	0	1963
735	Erie	Russell Operating Co.	(W)Four Mile Creek	11926 11916	Barnhardt, Ermey, Faust, Craven Phelps, Whited	34,35-28-20E	180	40	Bartl	510	20	57	0	0	0	1960
736	Erie	Russell Operating Co.	(W)Hylton	11925	Hylton	35-28-20E	80	0	Bartl	500	20	12	0	0	0	1965
737	Erie	Russell Operating Co.	(W)Pugh-Van Lueen	11925 11917	Pugh, Smith, Van Lueen	36-28-20E;1-29-20E	120	0	Bartl	510	10	22	1	0	0	1964
738	Erie	Standard Metals Corp.	(W)Erie Project	10946	Bartholomew, Clark, Country Club, Harding, Heady, Lucy Johnson, O.M. Johnson, Kinne, Lembach, McAlexander, Mitchell, Noakes, Pence-Central, Richard, Samples	24,25,26-28-19E;19, 20,21,28,29,30-28-20E	341	120	Bartl	515	12	47	55	0	0	1942
739	Humboldt-Chanute	K-K Drilling Co.	(W)Chanute	360	Ames, Houston, Nelson, Neyhard, Rosenthal #2, Spielman	3,4,9,10-27-18E	350	150	Bartl	750	20	60	14	0	0	1941
740	Humboldt-Chanute	Kease Drilling Co., Inc.	(W)Russell	741 514 264 11	American, C. Beach, Don Beach, Booe, Alma Braden, Alonzo Braden, F. Brink- meyer, J.W. Brinkmeyer, Carmihael, Davis, Huffman, Ingraham, E.B. Johnson, E.E. Johnson, R. Johnson, Kaney, McCune, Pitman, Rosenthal #1, Russell, L. Wells, Yount	1,2,10,11,12,14,15, 18,22-27-18E;7-27- 19E	1,250	0	Bartl	750	20	388	16	1	0	1937
741	Humboldt-Chanute	Walter Lacey	(P)*	4121	Raymond Fickel	20-28-18E	0	0	Bartl	800	20	0	0	0	0	1963
742	Humboldt-Chanute	Petrol Equities Invest- ment Co., Inc.	(W)Wasser-Bower	11784	Bower, Wasser, Thompson	25-27-17E	31	0	Bartl	900	10	12	3	0	0	1965
743	Humboldt-Chanute	Robb Drilling Co., Inc.	(W)Blume	4501	Blume	13,24-27-18E	60	?	Bartl	680	5	3	4	0	0	1964
744	Humboldt-Chanute	Eugene A. Roberts, Jr.	(W)Zastrow et al	8518* 8517	Brown, Crawford, Gorrison, Zastrow	33-27-18E	100	0	Bartl	820	20	23	0	2	2	1964
745	Humboldt-Chanute	C.A. & Roy Willis	(P)Cooper-Pierpont	13447	Cooper, Pierpont	23-27-18E	---	---	Bartl	775	8	---	---	3	0	1968
746	Humboldt-Chanute & Urbana	K-K Drilling Company	(W)Earlton	10111	Converse, Daley, Wells	19,20,27-28-18E	54	0	Bartl	800	8	4	4	0	0	1958
747	Moorehead	Burk Royalty Co.	(W)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
748	St. Paul-Walnut	Carroll Incorporated	(W)Butler	6713	Butler	30-28-21E	85	0	Bartl	450	16	42	0	2	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 1967			To End of 1967		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,	
720	1	0	0	0	3-spot	400	10	Prod	---	U	Grav	1/3	31	---	960	0	3,000	0	6,700	
721	2	0	0	0	5-spot	500	40	Prod	---	U	Grav	1/2	29	---	8,000	1,800	27,000	2,500	42,000	
722	1	0	0	0	Peri.	500	25	Prod	---	U	Grav	1/5	29	---	1,800	0	9,000	0	?	
723	5	0	0	0	Irreg.	600	42	Prod	---	T	Grav	7/10	31	33	2,884	1,825	35,112	?	?	
724	1	0	0	0	7-spot	350	86	Prod	---	T	Grav	3/30	30	?	1,713	506	31,409	696	93,859	
725	1	0	0	0	Irreg.	300	30	Prod	---	U	S Gas	1/1	32	?	4,500	1,500	10,000	5,500	38,000	
726	---	0	0	0	5-spot	600	40	Prod	---	T	Wat	1/10	30	---	1,000	780	16,000	1,000	16,000	*571
727	2	8	0	0	5-spot*	299	0†	---	700	-	?	3/97	?	?	0	---	---	0	0	0#? Peri.; †15mcf; ‡5,500 mcf; §11,500mcf
728	10	0	0	0	Peri.	0	1,994	Prod + Ground	200 150	F	S Gas	4/3	39	2.5	756,519	193,441	7,278,340	368,628	14,313,734	
729	6	0	0	0	Line	265	907	Fresh	200	F	S Gas	12/1	42	4.5	627,776	174,164	1,420,893*	217,804	1,570,515*	*207,519mcf
730	0	2	2	0	Irreg.	0	0	Fresh	200	F	S Gas	1/0	42	4.5	13,921	0	0	0	0	
731	7	0	0	0	Line	400	40	Prod + River Gravel	24	F	S Gas	---	30	?	4,554	3,611	102,195	14,911	318,173	
732	2	---	0	0	Irreg.	---	---	Prod	---	U	Comb.	---	32	---	2,686	---	---	---	---	---
733	5	3	0	0	Irreg.	0-200	0-20	Prod + River	---	-	?	?	27	?	---	?	?	?	250,000	
734	17	0	0	0	5-spot	400	18	Prod + Miss	1,400	M	S Gas	1/0	31	30	6,346	6,346	112,680	34,326	599,278	
735	46	14	0	0	5-spot	400	20	Prod + Miss	1,400	M	S Gas	1/0	31	30	26,348	26,348	317,480	208,155	2,011,793	
736	10	1	0	0	5-spot	400	21	Prod + Miss	1,400	T	S Gas	1/0	31	30	3,942	3,942	76,320	6,778	258,460	
737	20	3	0	0	Line	450	18	Miss	1,400	M	S Gas	1/0	31	30	9,408	9,408	128,880	33,347	585,152	
738	39	52	0	0	Irreg.	441	40	Prod + City of Erie	---	M	S Gas	?	30	?	16,642	16,642	570,832	492,009	9,529,439	
739	26	41	0	0	5-spot	650	33	Prod + Neosho River	---	M	S Gas	---	30	---	2,801	2,801	218,949	1,067,800	16,219,000	
740	150	209	0	0	5-spot	750	58	Prod + Neosho River	---	M	S Gas	---	30	---	36,989	36,989	3,164,834	4,834,905	112,360,501	
741	1	---	0	0	Line	400	40	Prod	---	U	Grav	---	34	?	900	0	8,000	0	8,000	*Disposal well
742	7	2	0	0	5-spot	600	60	Prod + Fresh	---	M	S Gas	---	33	?	6,116	6,116	154,200	16,559	304,200	
743	3	4	0	0	Irreg.	200	20	Prod	400	M	S Gas	1/99	31	---	428	300	---	428	4,500	
744	24	0	3	0	5-spot	550	40	Prod + KC	500	T	S Gas + Gas Exp	50/50	28	31	40,150	40,150	350,000	80,000	780,000	*2625
745	---	---	3	---	Irreg.	400	5	Oswego	450	U	Grav	1/0	31	---	316	0	---	---	---	
746	2	3	0	0	Irreg.	750	10	Prod	---	U	S Gas	---	26	---	1,377	523	7,300	22,676	400,000	
747	11	8	0	0	Irreg.	660	104	Prod + Miss	1,140	T	S Gas	?	28	?	24,309	24,309	421,509	306,826	2,682,859	*8802; 8801; 8800; 5647
748	30	0	0	0	5-spot	450	16	Prod + Miss	868	T	Grav	85/15	32	14	15,000	15,000	175,200	15,000	175,200	

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.	
NEOSHO Cont.																
749	St. Paul-Walnut	Pauley Petroleum, Inc.	(W)St. Paul-Walnut	8930*	Dent, VanLeeuwen	33-28-21E	85	0	Bartl	400	15	29	0	0	0	1955
750	St. Paul-Walnut	Russell Operating Company	(W)Hoagland	11913	Hoagland	29-28-21E	80	0	Bartl	400	10	18	0	0	0	1965
751	Thayer	Power Oil Co.	(D)Thayer Stitt	8338	Stitt	26-29-17E	30	0	Bartl	875	10	9	4	0	0	1962
752	Trent	CM & H Oil Co.	(P)Hazen	7073	John Hazen	23-28-20E	160	0	Bartl	500	---	20	0	3	0	1963
753	Trent	Erie Oil Co., Inc.	(W)	8145	Edwards-Stanley	22-28-20E	60	---	Bartl	475	16	10	---	0	---	1960
754	Trent	Meas Petroleum Co.	(-)Crabtree	5388	Blaine, Cooney, Perry	22,23-28-20E	350	0	Bartl	500	13	58	0	1	0	1960
755	Trent	E.J. Richey	(W)	6781	Eugene Walton	24-28-20E	30	0	?	485	15	0	---	0	---	?
756	Urbana	Standard Metals Corp.	(W)Urbana Project	10978	Heilman, Hummer, Greve, Yockey	26,35,36-28-18E	84	20	Bartl	675	17	8	20	0	0	1958
NESS COUNTY																
757	Aldrich	CRA, Inc.	(P)Aldrich	7952*	Lythe, Sutton Daisy	23,24-18-26W	20	10	Miss	4,430	8	2	0	0	0	1956
758	Aldrich	High Plains Production Co.	(-)Edwards	9920	Edwards	22-18-26W	40	?	Miss Dol	4,500	?	1	0	0	0	1963
759	Aldrich	Tenneco Oil Company	(-)Louise Everett	7751	Louise Everett	8-18-25W	40	20	Miss	4,390	37	0	0	0	0	1955
760	Aldrich Northeast	Barnett Oil Company	(P)Shearer "B"	13484	Shearer "B"	26-17-25W	40	0	Miss	4,454	15	1	0	0	0	1967
761	Dickman	Walters Drilling Co.	(P)Dickman Salt Water Injection	10347	Dickman, Elmore, Tilley	8,17-17-24W	240	0	Miss Dol	4,400	15	6	0	0	0	1962
762	Petersilie	Kewanee Oil Company	(W)Petersilie	10676	Petersilie	14-20-24W	80	0	Miss	4,388	22	2	1	0	0	1964
NORTON COUNTY																
763	Norton	Theodore Gore	(P)	11002	Charles Lawson, Scott	36-3-24W;1-4-24W	320	0	Arbuc	3,779	?	9	0	0	0	1964
PAWNEE COUNTY																
764	Benson	Cities Service Oil Co.	(W)Benson, S.E.	6115	Benson, S.E.	31,32-23-15W	112	0	Lans-KC	3,700	35	5	0	0	0	1958
765	Benson	Nat. Coop. Ref. Assn.	(W)Garvin	9305	Garvin	30-23-15W	40	10	Lans	3,754	74	0	0	0	0	1962
766	Benson	Pan American Petroleum Corporation	(W)Benson	7552	R.J. Benson, A.A. Doerr	19,30-23-15W	30	0	Lans	3,625	28	2	0	0	0	1959
767	Evers	Mull Drilling Co., Inc.	(D)Evers	10371	Prosser "B", Shady "A"	35,36-21-16W;2-22-16W	20	---	Simpson	3,850	13	2	0	0	?	1963
768	Garfield	Colorado Oil Company	(-)Anderson	13487	Anderson	10-23-17W	160	0	Miss Congl	4,189	21	2	---	0	0	1967
769	Garfield	Colorado Oil Company	(W)Fertig	13723	Fertig	15-23-17W	160	0	Miss Congl	4,220	30	3	0	0	0	1967
770	Garfield	Colorado Oil Company	(W)Fertig "A"	13727	Fertig "A"	16-23-17W	160	0	Miss Congl	4,247	15	4	0	0	0	1967
771	Garfield	Colorado Oil Company	(W)Hutchinson "C"	13433	Hutchinson "C"	9-23-17W	160	0	Miss Congl	4,208	30	4	1	0	0	1967
772	Garfield	Colorado Oil Company	(W)Hutchinson "D"	8878	Hutchinson "D"	9-23-17W	300	20	Miss Congl	4,228	26	5	3	0	0	1965
773	Garfield	Colorado Oil Company	(W)Hutchinson "E"	12007	Hutchinson "E"	9-23-17W	160	0	Miss Congl	4,216	34	5	0	0	0	1965
774	Garfield	Colorado Oil Company	(P)Hutchinson "H"	7416	Hutchinson "H"	3-23-17W	0	180	---	---	---	---	---	---	---	---
775	Garfield	Colorado Oil Company	(D)Jordaan	13107	Jordaan	32-22-17W	80	0	Congl Sd	4,200	6	2	0	0	0	1966
776	Garfield	Colorado Oil Company	(-)MacDonnell	8775	MacDonnell	36-22-17W	---	---	---	---	---	---	---	---	---	---
777	Garfield	General American Oil Company of Texas	(W)Garfield	12014	A.W. Schartz, J. Schartz, L.J. Schartz	5,8-23-17W	160	0	Miss + Misener	4,185 4,285	60	0	0	0	0	1965
778	Garfield	The Shallow Water Ref. Co.	(P)Garfield	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 + Misener	4,100 4,200 4,300	15 15 15	13	1	0	0	1963
779	Lovett	The R.W. Rine Drlg. Co.	(D)Lovett	4616	Lovett	35-22-15W	40	20	Lans-KC*	3,685	8	1	0	0	0	1964
780	Oro	Nat. Coop. Ref. Assn.	(W)Hagerman	13114	Hagerman, Mathoush	9,10-20-19W	60	0	Cherokee	4,184	22	6	0	0	0	1966
781	Shiley	Cities Service Oil Co.	(W)Shiley Wfd	12417 8460	Jennings "C" & "D", Risse "A"	13,14-20-20W	120	80	Basal Penn	4,170	7	3	0	0	0	1961
782	Shiley East	Nat. Coop. Ref. Assn.	(W)Eckert	9236	Eckert	18-20-19W	80	0	Cherokee	4,224	35	2	0	0	0	1962
783	Steffen	Lario Oil & Gas Co.	(P)Steffen	13832	Steffen	29,30,32-20-20W	560	0	Miss	4,330	50	4	0	0	0	1967
PHILLIPS COUNTY																
784	Dayton	Humble Oil & Ref. Co.	(W)Dayton	8011*	Dayton	25,26,35,36-2-19W	640	---	KC	3,200	23	7	0	0	0	1960
785	Huffstutter	Thos. H. Allan	(P)Huffstutter	8141	Huffstutter	13-2-19W	400	0	Lans-KC	3,275	21	8	0	0	0	1960
786	Huffstutter	Livingston Oil Company	(W)North Huffstutter	6746		16,17,20,21,22,28- 1-18W	2,200	---	Lans-KC	3,400	254	34	1	2	0	1959
787	Huffstutter	Petroleum Management, Inc.	(W)Center Huff- stutter Unit	8461	Unitized	31,32-1-18W;5,6, 7-2-18W	1,220	200	Lans-KC	3,365	235	45	2	0	0	1961
788	Huffstutter	Petroleum Management, Inc.	(W)Huffstutter Northwest	13834	Huffstutter "C", W.A. Jackson, Rakestraw	31-1-18W	0	0	Lans-KC	3,350	235	0	0	2	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 1967			To End of 1967		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,	
749	30	2	0	0	5-spot	440	14	Prod + Miss	690 [†]	T	S Gas	2/1	32	13	10,231	10,231	150,275	92,306	1,114,248	*4612; †810
750	20	0	0	0	5-spot	350	10	Prod + Miss	1,400	T	S Gas	1/0	31	30	4,355	4,355	68,400	9,658	247,874	
751	2	0	0	0	Irreg.	0	20	Prod	---	U	Grav	---	34	---	3,960	0	7,200	3,960	7,200	
752	10	---	1	---	3-spot	450	150	Prod	90	M	?	85/15	30	---	8,124	5,000	54,750	5,000	54,750	
753	9	---	0	---	5-spot	400	25	Prod + Arbuc	1,400	T	S Gas	90/10	30	?	12,120	6,060	19,000	18,000	103,000	
754	51	0	0	0	5-spot	500	15	Prod + Roubidoux	1,960	M	S Gas	---	30	---	27,675	27,675	270,397	278,397	2,084,703	
755	---	---	---	---	---	0	---	---	---	U	---	---	---	---	---	---	---	---	---	
756	6	11	0	0	Irreg.	472	80	Prod + Ground	200	T	S Gas	?	30	?	5,077	5,077	175,162	84,269	1,724,857	
757	2	1	0	0	Irreg.	Vac.	250	Prod	---	T	Wat + Grav	?	36	?	8,852	1,000	275,830	40,000	3,073,213	*4276
758	1	0	0	0	Peri.	0	45	Prod	---	U	Wat	---	37	?	2,687	?	18,000	0	75,000	
759	1	0	0	0	Irreg.	0	0	Prod	---	U	S Gas	32/60	---	---	6,215	0	0	0	0	
760	1	0	0	0	Line	750	395	Prod	---	U	Wat	25/75	37	?	17,692	0	144,480	0	144,480	
761	1	0	0	0	Irreg.	Grav.	766	Prod	---	U	Wat	90/10	35	?	45,928	?	268,375	318,650	1,000,763	
762	1	0	0	0	Irreg.	Vac.	255	Prod	---	U	Wat	80/81	38	?	16,194	0	93,028	0	403,877	
763	1	0	0	0	Irreg.	500	926	Prod	---	U	Wat	8/92	29	---	11,952	360	338,440	1,090	638,921	
764	3	0	0	0	Peri.	160	415	Prod + Water Sand	67	M	S Gas	34/80	41	?	23,416	23,416	454,127	198,723	2,924,447	
765	1	0	0	0	Irreg.	353	327	Gravel Beds	100	F	S Gas	10/54	28	---	3,689	3,689	119,214	43,414	680,011	
766	1	0	0	0	Irreg.	0	377	Prod	---	U	S Gas	10/94	27	---	7,716	7,716	137,690	82,968	882,478	
767	1	1	0	0	Irreg.	0	115	Prod	---	U	S Gas	---	39	4.8	8,930	0	41,900	---	267,107	
768	2	0	0	0	Irreg.	350	110	Prod + Surface	35	M	S Gas	2/6	37	---	354	0	27,415	0	27,415	
769	1	0	0	0	Irreg.	Vac.	300	Prod + Surface	35	M	S Gas	33/90	37	---	3,152	0	19,200	0	19,200	
770	2	0	0	0	Irreg.	Vac.	200	Prod + Surface	35	M	S Gas	23/70	37	---	1,937	0	41,600	0	20,800	
771	1	0	1*	0	Irreg.	60	274	Prod + Surface	35	M	S Gas	7/83	37	---	2,902	442	71,200	442	71,200	*Converted
772	4	0	1*	0	Irreg.	Vac.	220	Prod + Surface	35	M	S Gas	74/78	37	---	7,957	0	320,988	280	666,078	*Converted
773	1	0	0	0	Irreg.	Vac.	432	Prod + Surface	35	M	S Gas	44/96	37	---	7,099	3,526	157,749	6,366	272,681	
774	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	*Lease shut down
775	1	0	0	0	Irreg.	Vac.	6	Prod	---	U	S Gas	9/6	37	---	2,617	0	2,066	0	2,265	
776	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
777	1	0	0	0	Irreg.	0	---	Prod	---	U	S Gas	1/4	38	?	3,542	0	65,949	0	153,962	
778	3	0	1*	0	Irreg.	1,231	213	Prod	---	U	Comb.	?	37	†	34,157	3,600	209,069	7,250	690,624	*Converted; †5.61 @ 100°
779	1	0	0	0	Irreg.	Vac.	6	Prod + 130' Zone	3,682	U	Wat	---	24	?	3,824	1,200	2,190	2,266	5,670	*130' Zone
780	2	0	0	0	Irreg.	784	212	Prod	---	U	S Gas	1/0	39	---	11,311	0	77,379	0	85,038	
781	1	0	0	0	Line	250	410	Prod + Dakota	362	M	S Gas	1/1	36	5	33,616	33,616	149,701	184,759	574,751	
782	1	0	0	0	Irreg.	162	168	Prod	---	U	Wat	10/7	36	---	5,671	5,671	61,477	38,298	253,149	
783	1	0	0	0	Irreg.	30	408	Prod	---	T	S Gas + Wat	10/58	36	?	3,990	0	24,053	0	24,053	
784	6	0	0	0	Line	750	142	Prod + Cheyenne	1,060	T	S Gas	---	36	6	35,626	28,223	312,765	284,379	1,650,620	*1052
785	2	1	0	0	Peri.	400	190	Prod + Dakota	1,185	M	S Gas	59/41	36	?	16,896	16,896	137,734	133,442	1,254,130	
786	17	2	1*	1	Irreg.	520	129	Prod + Dakota	1,055	T	S Gas	---	37	---	169,874	169,874	821,218	1,625,383	4,726,893	*Converted
787	11	0	0	0	Irreg.	500	130	Prod + Dakota	1,050	T	S Gas	1/0	37	---	152,767	152,767	521,954	1,046,050	2,988,918	
788	1	0	0	0	Irreg.	0	150	Prod + Dakota	1,050	T	S Gas	1/0	37	---	10,922	0	36,280	0	36,280	

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.	
PHILLIPS Cont.																
789	Huffstutter	Phillips Petroleum Co.	(W)Huffstutter	9984		7-2-18W;12-2-19W	520	?	Lans-KC	3,400	50	15	0	0	0	1963
790	Huffstutter	Sierra Petroleum Co., Inc.	(W)Davis #3	8064	Davis	33-1-18W	160	0	Lans-KC	3,417	78	4	0	0	1	1960
791	Huffstutter Southwest Logan	Sam P. Wallingford, Inc.	(W)Kelly Unit	8195	Heffron, Hopper, Kelly	23-2-19W	120	120	Lans-KC	3,280	*	4	0	0	0	1961
792		Bankoff Oil Co.	(W)Logan	9367	Bowman, Brown, Hill "A" & "B", Perry	2,3-5-20W	360	40	Lans	3,180*	5†	12	---	0	0	1962
793	Mont Sol	Sohio Petroleum Company	(W)Mont Sol L-KC	6898	Krause "A" & "B", Sophia Meyers	6,7-4-18W;1,12- 4-19W	100	---	Lans-KC	3,200	28	1	1	0	1	1960
794	Stoneman	James W. Hershberger	(W)Bredemeier	12731	Bredemeier	28-4-18W	80	40	KC	3,050	18	2	1	0	1	1966
795	Stoneman	Petroleum Management, Inc.	(W)Stoneman Field Waterflood	12730 12729	Morgan, Quanz, Stoneman, Sutley, Van Der Wege	20,21,29-4-18W	1,140	0	Lans-KC	3,103	235	17	0	---	---	1966
796	Stuttgart	Phillips Petroleum Co.	(W)Stuttgart	6131*		13,14,23-3-19W	165	?	Lans-KC	3,200	35	4	2	0	0	1952
PRATT COUNTY																
797	Chitwood	Monsanto Company	(W)Chitwood	4080	Chitwood	14,22,23,26,27- 28-12W	1,492	1,000	Simpson	4,390	23	14	15	0	0	1955
798	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
799	Frisbie	Texaco, Inc.	(P)F. Smith	5215	F. Smith	6-26-13W	240	---	Lans	3,910	?	4	1	---	---	1957
800	Iuka-Carmi	Beardmore Drilling Co.	(W)Lunt	9116	Lunt	25-26-13W	40	120	Viola	4,192	26	2	0	0	0	1962
801	Iuka-Carmi	CRA, Inc.	(D)Diestler	13555	Diestler	7-27-12W	0	0	Simpson	4,240	20	0	0	0	1*	1967
802	Iuka-Carmi	CRA, Inc.	(W)Iuka-Carmi North Sector	11392	Beck "A" & "B", Calbeck, Harrell, Honeman, McFadden	31-26-12W;36-26-13W; 6-27-12W;1-27-13W	210	80	Simpson	4,230	20	8	1	0	0	1959
803	Iuka-Carmi	CRA, Inc.	(D)Iuka-Carmi South Sector	11392	Justice "B", McGuire "C", McGuire "D", Seidel	19-27-12W;13,24- 27-13W	120	100	Simpson	4,300	15	5	2	0	0	1959
804	Iuka-Carmi	Getty Oil Company	(W)Miskimen-Simp- son	13600	L.R. Freymiller, V.E. Miskimen	32-26-12W;5-27-12W	320	0	Simpson	4,214	30	5	0	0	0	1967
805	Iuka-Carmi	Mobil Oil Corporation	(W)C.J. Binger	11041	C.J. Binger	31-26-12W	144	0	Simpson	4,175	26	7	0	0	0	1964
806	Iuka-Carmi	Monsanto Company	(W)Iuka-Carmi SE Simpson	13154	Iuka-Carmi Southeast Simpson	17-27-12W	154	---	Simpson	4,360	50	3	0	0	0	1966
807	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
808	Iuka-Carmi	The R.W. Rine Drlg. Co.	(D)Briggeman	4827	Briggeman "A", "B" & "C", Hoener "B"	34,35-26-13W	30	0	Lans-KC	3,992*	7	2	0	0	0	1965
809	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
810	Iuka-Carmi	Shell Oil Company	(W)Simpson Sand- stone Unit	11363	Briggeman "A", "B", J.R. Cooper, G. Hall, Hoeme	28-26-12W	747	0	Simpson	4,298	20	8	0	0	0	1965
811	Iuka-Carmi	Skelly Oil Company	(W)Iuka Carmi- Helmke Unit	6895	Beck "A", Helmke "B", "H", "J", Luders "B", F.B. Wagner	6,7-27-12W	680	40	Simpson	4,230	18	19	4	0	0	1961
812	Iuka-Carmi	Skelly Oil Company	(W)V.E. Miskimen	11297	V.E. Miskimen	32-26-12W	100	0	Simpson	4,200	25	2	1	1	0	1964
813	Iuka-Carmi	Skelly Oil Company	(W)South Iuka-Carmi	8202	S. Beck, J.E. Brown, M.D. Burkner, M.A. Justice, Luders "B", F.B. Wagner	7,18-27-12W; 12-27-13W	680	0	Simpson	4,270	16	14	3	0	0	1961
814	Shriver	Skelly Oil Company	(P)Kerr Area Wfd	4170	F.H. Kerr, I.N. Shriver	27,33-29-14W	0	0	Simpson	4,550	5	4	0	0	0	1954
RAWLINS COUNTY																
815	Cahoj West	Burch Exploration, Inc.	(P)Cahoj West	11929	Chadderdon, Savage, Sis	12,13,14-1-35W	400	0	Lans-KC	4,154 4,249	24	4	0	0	0	1964
RENO COUNTY																
816	Albion North	Harry A. Sprague	(D)Graber Pressure Maintenance	10925	H.D. Graber, Martin Graber, Krehbiel "A" & "B"	11-26-6W	240	0	Viola	3,990	10	5	0	0	0	1964
817	Burrton	O.G. Harper	(W)		Sam Collins, Raymond Lyman, Edgar Priddle, Seedle "B"	16-24-4W	210	130	Miss	3,329	20	5	1	0	3	1967
818	Burrton	Home-Stake Production Co.	(W)Haven Wfd Project	11107	Carmichael, A. Collins "C", Mary Collins, L.A. Danton, J.H. Flory, C.D. Hoskinson "A", Pitts, Skelly, Van- sickle, G.H. Welch "A"	3,4,9,10,15,16,17- 24-4W	1,300	0	Miss Chat	3,350	28	20	19	0	13	1964
819	Burrton	Okmar Oil Company	(P)Evans & Base	13167*	Base, Evans	36-23-4W	80	0	Miss	3,258	40	5	0	0	0	1965
820	Burrton	S & K Oil Co.	(?)Fast-Smith	12044	Fast, Roberts, Smith	25,36-23-4W	680	---	Miss	3,308	52	18	1	0	0	1966
821	Burrton	Sunray DX Oil Company	(D)Sabin "B"	12204	Sabin "B"	11-23-4W	30	30	Miss	3,260	80	2	7	0	0	1965
822	Burrton	Sunray DX Oil Company	(D)Teten	5368	Teten	12-23-4W	20	60	Miss	3,400	15	6	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 1967			To End of 1967		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,	
789	4	0	0	0	Irreg.	350	186	Prod + Dakota	1,000	U	S Gas	10/17	36	9	57,085	43,350	272,037	137,078	840,704	
790	1	0	0	0	Irreg.	Grav.	95	Prod	---	T	S Gas	?	37	3	5,412	4,059	34,703	64,604	283,172	
791	2	1	0	0	Irreg.	200	153	Prod + Dakota	1,550	T	S Gas + Grav	?	32	?	5,471	5,471	112,094	82,673	823,555	*4 Zones
792	3	0	0	0	Irreg.	300	300	Prod + Lans + Arbuc	3,180	T	Wat	5/95	35	---	31,391	25,000	323,421	115,000	1,992,579	*3220; 3240; †6; 7
793	2	0	0	0	Line	1,400	148	Prod + Dakota	1,130	T	S Gas	10/3	36	---	13,160	12,153	108,322	64,129	988,221	
794	1	0	0	0	Peri.	150	150	Prod + Cedar Hills	?	T	S Gas	30/20	38	?	7,050	4,000	35,000	5,000	46,000	
795	6	1	0	1	Irreg.	300	835	Prod + Dakota	960	T	S Gas	1/1	37	---	88,418	9,500	191,586	9,500	292,704	
796	3	2	0	0	Irreg.	180	251	Prod + Dakota	1,200	U	S Gas	2/1	37	8	7,827	7,827	275,033	207,620	4,895,262	*6112
797	8	13	0	0	Peri.	Vac.	420	Prod + Topeka	2,500	M	S Gas	40/10	38	---	38,751	38,751	1,225,420	3,642,814	32,188,101	
798	1	0	0	0	Irreg.	0	52	Prod	---	U	S Gas	?	36	*	3,315	1,150	19,080	3,650	44,332	*91.1 @ 100°
799	2	---	---	---	Irreg.	900	500	Prod + Fresh	75	M	S Gas	1/0	32	---	8,310	2,220	430,905	---	1,391,209	
800	1	0	0	0	Irreg.	470	99	Prod	90	M	S Gas	?	36	?	3,357	0	36,384	0	1,146,328	
801	1	0	0	0	Irreg.	Vac.	380	Prod + Pleistocene	140	F	S Gas	?	?	?	633	0	72,439	0	72,439	*Converted
802	6	0	0	0	Irreg.	Vac.	---	Prod + Pleistocene	125	M	S Gas	50/1	39	?	113,127	113,000	961,665	612,000	3,903,408	
803	6	0	0	0	Irreg.	Vac.	295	Prod + Pleistocene	135	M	S Gas	3/1	36	?	19,964	19,964	683,508	153,000	2,974,780	
804	1	0	1	0	Irreg.	---	68	Prod	---	U	S Gas	13/7	40	?	48,407	14,971	6,256	14,971	6,256	
805	4	0	1*	0	Peri.	Vac.	1,085	Fresh	150	F	S Gas	---	38	?	12,558	12,558	597,832	35,365	1,583,832	*Converted
806	2	0	0	0	Irreg.	0	444	Prod + Fresh	100	M	S Gas	20/48	38	---	6,426	0	297,626	0	297,626	
807	1	0	0	0	Irreg.	Vac.	70	Prod	---	U	S Gas	2/1	32	---	4,452	0	25,200	0	65,640	
808	1	0	0	0	Peri.	Vac.	203	Prod	---	U	S Gas	4/7	37	?	5,100	2,190	74,056	4,705	174,670	*#11 Zone
809	3	0	0	0	Irreg.	21	179	?	200	F	S Gas	1/2	36	---	26,352	26,352	261,052	213,682	2,132,246	
810	4	0	0	0	Irreg.	733	122	Prod	---	M	S Gas	2/1	39	---	4,204	4,204	356,168	25,368	1,307,563	
811	6	0	0	0	Irreg.	176	642	Shallow Sands	86	F	S Gas	28/3	38	?	373,081	373,081	1,404,972	768,313	5,066,459	
812	3	0	0	0	Irreg.	0	292	Shallow Sand	90	F	S Gas	59/84	40	?	68,127	68,127	319,712	79,183	920,221	
813	4	0	0	0	Irreg.	50	573	Shallow Sands	90	F	S Gas	44/31	38	?	65,617	65,617	837,243	310,982	837,243	
814	1	0	0	0	Irreg.	0	361	Prod	---	U	S Gas	---	39	?	8,922	8,922	131,721	8,922	1,087,896	
815	1	0	0	0	Irreg.	0	75	---	---	U	S Gas	50/50	36	6	32,019	0	27,225	0	354,375	
816	1	0	0	0	Peri.	0	1,000	Prod	---	U	Wat	?	42	---	29,681	9,000	320,000	59,000	924,000	
817	2	0	0	0	5-spot	---	150	---	---	T	Wat	6/94	36	36	1,600	800	27,000	---	---	
818	22	17	15	---	5-spot	Vac.	651	Prod + Equus	50 100	F T	S Gas	---	36	---	58,073	58,073	6,449,145	200,058	29,036,325	
819	1	0	0	0	5-spot†	0	900	Prod + Alluvium	15	M	S Gas	?	34	---	34,379	3,800	328,913	3,800	521,989†	*11618; †Inverted
820	2	0	0	0	5-spot	Vac.	764	Prod	---	U	---	---	38	---	64,669	1,194	279,007	1,194	443,854	
821	1	0	0	0	Irreg.	0	1,494	Prod	---	U	S Gas	?	37	?	7,369	7,369	545,434	7,369	545,434	
822	1	0	0	0	Irreg.	0	923	Prod	---	U	S Gas	?	39	3.2	7,532	7,532	336,897	975,139	1,668,020	

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.	
RENO Cont.																
823	Burrton	Tomlinson-Kathol, Inc.	(D)Haury	10414	Haury, Neufeld, White S.	1,2-23-4W	20	0	Miss	3,243	40	0	---	0	0	1963
824	Sterling Southwest	Mull Drilling Co., Inc.	(-)Sterling SW	10601	Clark, Henry	16,17-22-8W	?	---	Penn Congl	3,600	5	4	3	0	3	1963
825	Wisby	Lario Oil & Gas Company	(W)Wisby Coop. Flood Unit	11104	E. Drake A, H. Drake B, Kilbourn, Wisby	8,17,18-22-9W	520	160	Simpson	---	---	9	0	0	3	1964
826	Zenith-Peace Creek	Cities Service Oil Co.	(W)Peace Creek	4456	Peace Creek	30,31-22-9W;35,36- 22-10W;6-23-9W;1, 2,11,12-23-10W	2,120	0	Viola	3,750	?	6	0	0	0	1951
RENO-RICE COUNTIES																
827	Sterling	Thos. H. Allan	(P)	6188	Mayer, Sylvia Mayer, Stubbs	4,9-22-8W	400	0	Miss	3,420	10	8	---	0	0	1958
RENO-STAFFORD COUNTIES																
828	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	2	0	0	1966
829	Zenith-Peace Creek	Brunson-Spines	(W)Zenith Wfd	13339	Freeman, Johnson, Spurgeon, Zenith Unit	29,30,31,32-23-10W; 25,36-23-10W;5,6- 24-10W	320	160	Viola	3,700	10	5	0	1	0	1967
RICE COUNTY																
830	Bloomer	Francis Oil & Gas, Inc.	(-)Stout	9561	Stout	6-18-10W	80	0	Lans-KC	3,037	200	0	0	0	0	1962
831	Bull Creek	Union Oil Company of California	(W)Bull Creek Miss	12968 12913	R.M. Culbertson, L.J. Driver, C.A. Frederick, Marie McFarland, V.A. Martin, Swarta, A.G. Thode	25,26,35,36-21-8W	720	0	Miss Chat + Penn Congl	3,344	5	8	1	0	0	1967
832	Bull Creek	Union Oil Company of California	(D)Northwest Bull Creek Area	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
833	Chase-Silica	Icer Addis	(W)Schubert	13524	Hodgins, Schubert	9,16-20-10W	320	?	Simpson	3,400	5	3	0	0	0	1967
834	Chase-Silica	Aylward Drilling Company	(P)Link "B"	13588	Link "A", Link "B"	18-19-9W	140	0	Lans-KC	2,962	4	4	0	0	0	1967
835	Chase-Silica	Jay Bergman Oil Company	(W)Eatinger	7885		20-19-10W	20	0	Lans-KC	2,975	50	2	0	0	0	1960
836	Chase-Silica	Jay Bergman Oil Company	(W)Soeken	9634		11-19-9W	80	0	Simpson	3,309	12	3	0	0	0	1962
837	Chase-Silica	Cities Service Oil Co.	(W)Behnke	7984	Behnke	6-19-9W;1-19-10W	73	0	Lans-KC	3,180	21	4	0	0	0	1961
838	Chase-Silica	Clinton Oil Company	(D)Wolf L-KC Wfd	7836	J.F. Wolf	20-19-10W	22	0	Lans-KC	2,966	43	2	0	0	0	1960
839	Chase-Silica	Colorado Oil Company	(W)Link	9022	Link	9-19-9W	80	0	Lans-KC	2,912	6	3	0	0	0	1967
840	Chase-Silica	Fell & Wolfe Oil Co.	(D)McFarland	13330	McFarland	7-20-9W	40	40	Arbuc	3,275	10	1	0	0	0	1967
841	Chase-Silica	Fell & Wolfe Oil Co.	(D)Sledd	13843	Sledd	34-19-9W	80	?	Arbuc	3,222	?	1	0	0	0	1967
842	Chase-Silica	F.G. Holl	(W)Wenke	12543	Hirsch, Wenke	18,19-20-10W	60	0	Lans-KC	3,108	8	1	1	0	0	1966
843	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
844	Chase-Silica	Murfin Drilling Company	(-)Robbins-Weaver	9058	Robbins-Weaver	19-19-9W	60	---	Lans-KC	2,970	10	4	0	0	0	1964
845	Chase-Silica	Nat. Coop. Ref. Assn.	(W)Raymond District	10470	Bayer "A", Bayer "B"	20-20-10W	30	30	Lans	3,080	13	6	1	0	2	1963
846	Chase-Silica	Pan American Petroleum Corporation	(W)Roth	7692	H. Roth	29-19-10W	160	0	Lans	2,952	104	1	0	0	0	1960
847	Chase-Silica	Morris Sitrin, Inc.	(P)Altenbaumer	11993	Altenbaumer	12-19-10W	160	0	Lans-KC	2,956	50	8	0	0	1	1965
848	Chase-Silica	Skelly Oil Company	(W)Bernstorf Area	6044*	Bernstorf "B", Bernstorf "D"	23-19-10W	160	0	Lans-KC	3,140	12	7	0	0	0	1958
849	Chase-Silica	Skelly Oil Company	(W)Knop "A"	7360	Knop "A"	21-19-10W	80	0	Lans	3,110	39	5	0	0	0	1960
850	Chase-Silica	Ira Stephens, Jr.	(-)Keller	9916	Keller	5-19-9W	80	80	Arbuc	3,235	?	2	---	0	0	1963
851	Chase-Silica	Stickle Drilling Company	(W)B.G. Proffitt	10600	B.G. Proffitt	25-19-10W	0	0	Lans-KC	3,020	18	2	0	0	0	1963
852	Chase-Silica	Robert F. White	(D)Layton	12521	Haxton-Layton	29-19-9W	0	0	KC	2,936	10	0	0	0	0	1967
853	Crawford	Sun Oil Company	(W)Brinckerhoff	12492	Brinckerhoff	18-18-6W	30	0	Penn Congl	3,184	22	2	0	0	0	1966
854	Frederick	Beardmore Drilling Co.	(W)Staatz	9892	Staatz, Sturgeon	10,15-18-9W	120	20	Penn Congl	3,265	10	4	0	0	0	1963
855	Frederick	Isern-Wells	(W)Groth	11529	Groth, Rollins, Schroeder	10-18-9W	160	0	Simpson	3,230	12	0	0	0	0	1965
856	Frederick	The Shallow Water Ref. Co.	(P)Staatz-Schroeder	11795*	Staatz-Schroeder	10,11-18-9W	320	0	Simpson	3,252	12	7	1	0	0	1963
857	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
858	Geneseo-Edwards	Continental Oil Company	(W)Geneseo Simpson Sand Unit Wfd	7243	S. Ainsworth, O.I. Bolton, J. Jones, J.R. Lansing, A.H. Meyer, C.W. Poland, J. Powell, E. Root	30,31-18-7W;25,26- 18-8W	251	0	Simpson	3,170	16	13	9	0	0	1960
859	Geneseo-Edwards	Fell & Wolfe Oil Co.	(D)Bolton-Smith	9585	Ira O. Bolton, Rousseau Smith	31-18-7W;1-19-8W	80	40	Simpson	3,216	8	2	1	0	0	---
860	Geneseo-Edwards	Kaiser-Francis	(D)Zajic	11875	Zajic	13-18-8W	160	---	Lans-KC	2,789	250	5	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 1967			To End of 1967		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,	
823	1	0	0	0	Irreg.	0	300	Prod + Hunton	3,600	U	S Gas	---	38	---	3,600	0	100,000	0	300,000	
824	1	0	0	0	Irreg.	0	1,000	Prod	---	U	Wat	40/60	37	---	14,810	?	300,000	?	1,384,168	
825	6	2	0	2	Irreg.	850	462	Ground Arkansas River Basin	---	F	S Gas	18/73	39	?	16,678	3,578	916,280	15,781	2,178,540	
826	6	2	0	2	Line	4	687	Prod + Water Sand	185	F U	S Gas	7/38	39	?	46,065	46,065	1,503,839	1,291,380	26,167,639	
827	2	0	0	0	Peri.	1,200	200	Prod + Surface Sand	50	M	S Gas	90/10	36	?	15,395	7,698	73,251	42,000	659,950	
828	5	0	0	0	Peri.	0	2,470	Prod + Meade Sand	40	M	S Gas	7/93	41	5	20,253	0	4,487,976	0	5,153,123	
829	1	1	0	1*	Peri.	10	3,295	Prod + Shallow Sand	40	F	S Gas + Grav	4/84	40	?	23,874	23,874	102,152	23,874	102,152	*Converted
830	1	0	0	0	Irreg.	Grav.	600	Prod	---	U	Gas Exp	---	40	---	13,798	0	150,000	0	600,000	
831	9	0	0	0	5-spot	200	4,500	Prod + Surface Gravels	0	M	S Gas	10/34	36	---	5,467	0	1,367,829	0	1,398,075	
832	1	0	0	0	Irreg.	500	350	Prod	---	U	S Gas	19/31	36	---	1,396	0	73,956	0	73,956	
833	1	0	0	0	Irreg.	Vac.	275	Prod	---	U	Gas Exp	10/90	53	?	16,400	3,500	88,700	3,500	88,700	
834	1	0	0	0	Irreg.	50	40	Prod	---	T	S Gas	---	38	?	3,555	500	14,600	500	14,600	
835	1	0	0	0	Irreg.	0	50	Prod + Sanborn	250	M	S Gas	60/40	38	---	7,500	1,000	10,500	6,000	75,000	
836	1	0	0	0	Irreg.	750	100	Prod + Sanborn	260	M	S Gas	10/0	45	---	57,500	2,000	12,500	105,000	235,000	
837	7	0	0	0	5-spot	869	133	Water Sand	100	F	S Gas	30/93	40	?	29,963	29,963	339,317	180,456	3,099,896	
838	1	0	0	0	Irreg.	200	75	Prod	---	U	S Gas	?	38	---	7,865	7,865	27,375	26,643	682,032	
839	1	0	0	0	Irreg.	0	124	Prod	---	U	Wat	13/82	42	---	1,941	0	28,766	0	28,766	
840	1	0	0	0	Irreg.	Vac.	90	Prod	---	U	---	---	---	---	?	?	---	?	---	
841	1	0	0	0	Irreg.	Vac.	30	Prod	---	U	---	---	46	---	2,676	?	?	---	---	
842	1	0	0	0	Peri.	600	300	Prod	3,106	T	S Gas	6/30	40	?	5,664	4,250	110,000	5,000	160,000	
843	1	0	0	0	Irreg.	Vac.	510	Prod	---	U	S Gas	---	40	---	8,861	2,190	186,150	2,190	294,150	
844	1	0	0	0	3-spot	Vac.	330	Prod	---	T	S Gas	?	37	?	9,123	0	120,450	0	?	
845	3	1	0	2	Irreg.	924	278	Prod	---	U	S Gas	1/0	42	---	7,532	2,548	304,900	12,953	1,460,393	
846	1	1	0	0	Irreg.	0	120	Prod	---	U	S Gas	1/1	44	---	6,559	3,647	43,748	26,073	291,816	
847	2	0	0	0	Irreg.	---	86	Prod	---	M	Grav	---	36	---	8,001	8,001	62,705	18,151	141,681	
848	2	0	0	0	Irreg.	Vac.	371	Prod	---	U	S Gas	---	37	?	16,376	16,376	270,660	292,286	2,669,360	*6043
849	0	1	0	0	Irreg.	0	0	Prod	---	U	S Gas	1/7	40	?	8,820	8,820	0	49,036	210,461	
850	1	0	0	0	Irreg.	0	120	Prod	---	T	---	---	43	?	2,627	?	0	?	120,630	
851	1	0	0	0	Peri.	0-25	65	Prod	---	T	S Gas	---	45	---	2,512	0	23,725	0	183,458	
852	1	0	0	0	Irreg.	Grav.	35	Prod + Arbuc	---	T	S Gas	25/75	37	?	60,000	0	6,000	0	6,000	
853	1	0	0	0	Irreg.	500	150	Lans	2,736	U	S Gas	4/1	38	---	10,566	7,916	46,900	11,776	81,350	
854	1	0	0	0	Irreg.	Vac.	235	Prod	---	T	Wat	?	47	?	32,944	5,000	86,000	10,500	390,200	
855	1	0	0	0	Irreg.	420	112	Prod	---	T	S Gas	1/0	47	?	9,065	0	40,965	0	164,349	
856	1	0	0	0	Irreg.	392	94	Prod	---	T	Comb.	?	47	?	31,378	0	34,214	0	98,666	*9961
857	3	0	0	0	Irreg.	1,237	963	Prod	---	U	Wat	?	36	---	0	0	357,240	0	583,339	
858	5	1	0	0	Line	1,165	382	Prod + Arbuc + Lans-KC + Simpson	3,200	T	S Gas	?	36	---	71,582	69,323	629,014	758,014	4,284,401	
859	1	0	0	0	Irreg.	400	300	Prod + Arbuc	3,230	U	S Gas	---	37	---	3,637	0	---	?	?	
860	1	0	0	0	Irreg.	380	525	Prod	---	U	Gas Exp	---	32	---	16,381	1,600	191,625	5,600	476,625	

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.	
RICE Cont.																
861	Geneseo-Edwards	Murfin Drilling Company	(W)Geneseo Unit	12712	Geneseo Unit	3,4,9,10-18-8W	60	0	Basal Penn	3,200	9	3	0	0	0	1967
862	Lyons West	Kewanee Oil Company	(W)West Lyons	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	0	0	0	0	?
863	Lyons West	Lebsack Oil Production, Inc.	(W)Babcock-Chandler	13618	Babcock-Chandler	13-20-9W	160	0	Kinderhook	3,250	10	4	0	0	0	1967
864	Mary Ida South	Icer Addis	(W)Mooney-Manke	12960	Isern, Karber "B", Kowalsky, Manke, Manke "B", Mooney, Stolz	6,7,8-19-10W	640	?	Lans	3,020	212	16	0	0	0	1966
865	Odessa	Atlantic Richfield Co.	(-)Odessa Field	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
866	Orth	Meltzer Oil Company	(D)Habiger	3875	Habiger	27-18-10W	---	---	Topeka	2,434	250	2	0	0	0	1954
867	Orth	Skelly Oil Company	(W)Volkland "A"	3953	Volkland "A"	27-18-10W	50	0	Topeka	2,670	16	3	0	0	0	1954
868	Orth	Sunray DX Oil Company	(D)Orth	2047	M. Orth	27-18-10W	10	70	Arbuc*	3,155	8	1	0	0	0	1948
869	Ringwald	Rocket-Schusterman Oil Account	(W)Ringwald Gemeinhardt Field	7522	Gemeinhardt, Ringwald	29,32-18-10W	140	0	Lans-KC	2,930	30	4	1	0	0	1961
870	Ringwald	Skelly Oil Company	(W)Buehler "A" Wfd	3502	Buehler "A"	33-18-10W	80	60	Lans-KC	2,280	15	1	2	0	0	1953
871	Smyers & Welch-Bornholdt	Shade & Berry	(P)	6848	Anderson, Mattson	25-19-6W	---	0	Miss Chat	3,435	14	11	---	0	0	1959
872	Tobias	I.O. Miller	(D)Lipp	13650	Lipp	11-21-9W	---	---	Lans-KC	2,920	8	0	0	0	0	1967
873	Tobias	Thunderbird Drlg., Inc.	(P)Tobias Pressure Maintenance System	10559	Caskey, Fair "A", "B", "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
874	Welch-Bornholdt	H.C. Bennett	(D)Sadie Conrad	700	Sadie Conrad	3-21-6W	480	---	Miss	3,400	13	12	0	0	0	1942
875	Welch-Bornholdt	J.W. Braden	(D)Braden	13204*	Braden "A", "B", "C"	1-20-6W	160	130	Miss Chat	3,250	50	8	0	0	8	1967
876	Welch-Bornholdt	Fell & Wolfe Oil Co.	(W)Braden	12151	Braden	1-20-6W	80	?	Miss Chat	3,352	26	---	---	---	---	1965
877	Welch-Bornholdt	Donald T. Ingling	(W)Fry	10740	Fry	22,23-20-6W	40	0	Miss	3,331	40	4	0	0	0	1964
878	Welch-Bornholdt	Plains Exploration Co.	(P)Welch-Bornholdt	12367 12187 10733 9071	Ainsworth, Alexander, Bel-den, Bengston, Conrad, Duvall "A", "B", Eaton, Ekholm, Fair "B", Fry "C", "E", "G", "I", Hanson, Hodge, Hokr, Hubenett, Johnson "D", Lee, Libby, Lindholm "B", "C", Malm, Malm "D", Mattson, Moll, Snyder, Unit "A", "B", Wernet	13,15,16,21,22,23,24,25,26,27,28,33,34-20-6W;4-21-6W	2,220	0	Miss	3,300	?	53	10	0	3	1958
879	Welch-Bornholdt	Sterling Drilling Co.	(P)Harder "B"	10253	Harder "B"	36-20-6W	160	0	Miss	3,356	25	0	0	0	0	1963
880	Welch-Bornholdt	Sterling Drilling Co.	(P)Miller-Johnson	8754*	Johnson, Miller	3,4-21-6W	320	0	Miss	3,421	50	0	0	0	0	1958
881	Wherry	J.K. Fortner	(D)Wherry Pool	4214		4,9-21-7W	3	---	Congl	---	---	3	---	0	0	?
882	Wisby Northeast	Nat. Coop. Ref. Assn.	(P)Rino Pressure Maintenance	10813	Dickens, Wellman "B"	32,33-21-9W	20	0	Simpson	3,540	15	2	0	0	0	1964
ROOKS COUNTY																
883	Barry Southeast	Skelly Oil Company	(-)Cora A. Hilgers*	6815	C.A. Hilgers	12-9-19W	---	---	Lans-KC	3,200	---	---	---	---	---	---
884	Bemis-Shutts	Tenneco Oil Company	(W)Kempe A*	9461	Kempe A	31-10-17W	320	0	Lans-KC	3,430	8	---	---	---	---	---
885	Carmichael	Petroleum, Inc.	(W)Carmichael	9767	Carmichael-Mosher "A", Welch "A-C"	33-8-18W	480	---	Lans-KC	3,175	231	3	1	0	0	1963
886	Chesney	Cities Service Oil Co.	(W)Chesney Unit	9977	Chesney Unit	12-8-17W	60	0	Lans-KC	3,060	13	4	0	0	0	1963
887	Dopita	Cities Service Oil Co.	(W)Reeder	12545	Reeder	19-8-17W	40	0	Toronto*	3,090	20	2	0	0	0	1966
888	Dopita	Pan American Petroleum Corporation	(W)P. McMillen	8544 4089	P. McMillen	24-8-18W	80	0	Toronto + Lans	3,136	197	3	0	0	0	1965
889	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
890	Dorr	Cities Service Oil Co.	(W)Dorr Unit	9161*	Dorr Unit	16,17,20,21-9-16W	620	0	Dodge†	3,141	45	22	1	0	1	1952
891	Dorr	Theodore Gore	(P)	13728*	Casey, Meyers	16,21-9-16W	320	0	Lans-KC	3,445	251	4	0	0	1	1962
892	Finnesy South	Davis Bros.	(W)South Finnesy Wfd	7789	Garvert "E", Shepard "A", Shepard "C"	13,23,24-10-18W	320	250	Lans-KC	3,500	75	4	0	4	0	1960
893	Grover	Aylward Drilling Co.	(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
894	Kruse	Cities Service Oil Co.	(W)Kruse	10258	Kruse	2,11-10-16W	105	0	Dodge*	3,050	34	5	0	0	0	1963
895	Laton	Cities Service Oil Co.	(W)Layton Pool	3504	Adams "A", "B", "C", "D", Dennis, Hodson, Holy Cross	33,34-8-16W;4-9-16W	370	0	Dodge + Lans-KC	3,070	53	16	3	0	3	1953

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 1967			To End of 1967		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,	
861	5	0	0	0	Irreg.	655	174	Prod + Arbuc	3,250	T	S Gas*	34/66	38	?	19,048	2,345	150,096	2,345	150,096	*Grav
862	0	0	0	0	9-spot	0	0	Purchased	---	F	S Gas	29/10	40	?	537,342	0	0	0	0	
863	1	0	0	0	Irreg.	200	650	Prod + Chase Channel Sand	30	M	S Gas	80/20	43	?	22,332	0	67,590	0	67,590	
864	4	0	0	0	Irreg.	750	220	Prod	---	U	Gas Exp	13/87	37	?	78,144	---	320,600	---	346,600	
865	6	0	0	0	Irreg.	215	292	Prod + Lans-KC	2,900	U	S Gas	70/36	28	?	53,746	53,746	638,590	704,526	4,676,575	
866	2	0	0	0	Peri.	Vac.	300	Prod	---	U	Wat	---	---	---	10,676	1,050	171,550	13,650	1,814,050	
867	1	0	0	0	Irreg.	208	505	Prod	---	U	S Gas	1/2	30	?	9,576	9,576	184,221	146,971	1,388,642	
868	1	0	0	0	Irreg.	0	1,044	Prod	---	U	S Gas	?	33	?	555	555	125,334	0	4,081,403	*Quartz
869	1	0	0	0	Irreg.	1,600	400	Prod	---	U	S Gas	---	40	?	23,035	23,035	146,000	214,086	1,033,321	*Low well injection
870	1	0	0	0	Irreg.	950	455	Prod	---	U	S Gas	?	40	?	6,746	6,746	166,052	42,107	1,671,386	
871	1	0	0	0	Irreg.	0	180	Prod	---	U	S Gas + Wat	---	34	---	---	?	66,000	---	492,000	
872	1	0	0	0	Irreg.	0	70	Prod + Lans-KC	2,920	T	S Gas	4/1	40	3	328	0	10,700	0	10,700	
873	2	---	0	0	Peri.	100	602	Prod + Arbuc	3,375	T	Wat + S Gas	64/1	45	2	271,659	?	219,579	?	1,381,441	
874	1	1	0	0	Irreg.	50	3,000	---	---	-	---	---	36	---	16,326	4,081	900,000	---	---	
875	2	1	0	?	Irreg.	Grav.	300	Prod	---	U	S Gas†	20/80	34	?	8,114	0	50,000	0	50,000	*13203; 13199; †Wat
876	1	0	0	0	Irreg.	Vac.	180	Prod	---	-	---	---	34	---	?	?	---	?	?	
877	1	0	0	0	Irreg.	800	60	Prod	---	U	Wat	---	35	---	8,800	0	22,000	0	96,000	
878	12	2	0	0	Irreg.	1,000	290	Prod + Surface	---	M	S Gas	---	34	?	156,927	30,013	1,140,403	81,570	7,298,162	
879	1	0	0	0	Irreg.	350	48	Prod	---	U	S Gas	---	32	---	3,343	0	17,460	0	56,060	
880	1	0	0	0	Irreg.	300	800	Prod	---	U	S Gas	---	35	---	10,745	0	255,500	0	4,095,750	*5072
881	---	---	---	---	Irreg.	0	50	Prod	---	T	S Gas	30/70	32	32	7,300	0	18,250	0	78,000	
882	1	0	0	0	Irreg.	0	314	Prod	---	U	Wat	1/0	39	---	2,370	31	114,790	31	236,337	
883	---	---	---	---	---	---	---	---	---	-	---	---	---	---	---	---	---	---	---	*Future
884	---	---	---	---	---	---	---	---	---	-	---	---	---	---	---	---	---	---	---	*Inactive
885	1	0	0	0	Line	612	305	Prod + Dakota	750	M	S Gas	8/97	37	---	5,980	5,980	111,433	27,250	601,402	
886	3	0	0	0	Peri.	413	159	Prod + Dakota	512	U	S Gas	30/30	36	?	15,778	15,778	174,449	60,268	642,319	
887	1	0	0	0	Irreg.	63	81	Prod	---	U	S Gas	21/23	27	?	5,415	5,415	29,657	7,908	43,193	*Lans-KC
888	1	0	0	0	Irreg.	0	311	Prod	---	U	S Gas	10/86	32	---	13,088	13,088	113,600	32,588	254,777	
889	4	0	0	0	Irreg.	37	151	Prod	---	U	S Gas	1/3	32	---	22,250	22,250	275,478	79,435	1,024,519	*Lans-KC
890	15	0	1	0	5-spot	0	252	Prod + Dakota	800	T	S Gas	15/21	38	?	116,919	116,919	1,378,201	444,197	5,821,788	*2957; †Lans-KC
891	1	0	1†	0	Irreg.	200	999	Prod	---	U	Wat	---	39	---	11,264	5,632	364,462	48,075	1,083,591	*9423; 9185; †Converted
892	3	0	0	1	Peri.	400	300	Prod + Dakota	450	T	Grav	25/5	34	?	18,332	18,332	425,000	193,562	1,995,000	
893	1	0	0	0	Irreg.	0	59	Prod	---	T	S Gas	---	34	?	17,277	7,060	21,481	23,064	36,971	
894	3	0	1	0	Peri.	22	138	Prod + Dakota	730	U	S Gas	50/75	37	?	21,491	21,491	151,492	75,808	498,091	*Lans-KC
895	7	0	0	0	Irreg.	23	268	Prod + Dakota	850	M	S Gas	25/11	33	?	99,647	99,647	685,052	569,121	3,798,212	

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.																
896	Laton	Clinton Oil Company	(D)Laton Wfd	11333*	Baxter "A" & "B", Baxter Beardmore, Livingood	2,3,11-9-16W	800	0	Lans-KC	3,100	30	18	0	0	0	1956
897	Laton	Co-Co, Inc.	(W)Blank Coop. Wfd	1185	Blank	14-9-16W	100	0	Toronto*	3,190	45	2	0	0	0	1966
898	Laton	Co-Co, Inc.	(W)Doane-Swisher	12702	Doane, Swisher	34-8-16W	300	100	Toronto*	3,020	52	7	0	0	0	1962
899	Laton	Co-Co, Inc.	(W)Gamble-McFadden "E" Coop. Wfd	12140	Gamble, McFadden "E"	3-9-16W	320	60	Toronto + Lans-KC	3,070	52	8	0	0	0	1963
900	Laton	Co-Co, Inc.	(W)Luhman Coop. Wfd	7166	Co-Co, Luhman, Jones & Campbell-Saver	11,12-9-16W	200	0	Toronto + Lans-KC	3,180	34	3	0	0	1*	1965
901	Laton	D & D Drilling Co., Inc.	(W)North Laton	13043	North Laton Unit	27,28-8-16W	400	0	Lans-KC	3,060	20	5	0	0	0	1966
902	Laton	O. F. Krueger	(W)Laton Flood Project	10499	Beardmore, Buell, Luhman Johnson, Tat C, Tat E, Tat Home, Tatkenhorst B	10,11-9-16W	420	0	KC	3,240	5	14	0	1	0	1965
903	Laton	Leben Drilling, Inc.	(D)Rarick	12703	Adams, Rarick, Webster	32-8-16W;4,5-9-16W	180	320	Lans-KC	3,100	36	2	0	0	0	1966
904	Laton	Monsanto Company	(D)Bergier	8118	Bergier	33-8-16W	26	---	Lans-KC	3,100	20	1	2	0	0	1960
905	Marcotte	Nadel & Gussman	(W)Stithem & Eliza	12517		14-10-20W	40	0	Lans-KC	3,693	17	2	0	0	0	1966
906	Marcotte	Okmar Oil Company	(W)Marcotte	10570	Marcotte "A"	18-10-19W	104	0	Lans-KC	3,500	5	4	0	0	0	1964
907	Marcotte	Okmar Oil Company	(P)Rode-Williams	9848	Rode, Veatch, Williams	9,16-10-20W	300	0	Lans-KC*	3,440†	12‡	0	0	0	0	---
908	Marcotte	Skelly Oil Company	(W)Lillian Scoggins	10310	Lillian Scoggins	18-10-19W	40	0	Lans	3,565	35	6	0	0	0	1964
909	Nettie	Phillips Petroleum Co.	(W)Nettie Unit	11849		33,34-9-17W;3,4-10-17W	560	?	Toronto + L-KC*	3,325	60	25	1	0	0	1965
910	Nyra	Harold Krueger	(P)Carmicheal	4777	Carmicheal	15-9-17W	10	0	KC	3,230	3	0	0	1	0	1956
911	Nyra	Morris Sitrin, Inc.	(P)Thompson	11302	Thompson	9-9-17W	160	---	Arbuc + KC	3,194*	10	6	0	0	0	1965
912	Plainville	Davis Bros.	(W)Plainville Wfd Unit #1	12384	Bice, Collins "E", Kleinschmidt "B", Ross "C", "D"	6,7-10-17W	1,050	100	Lans-KC	3,500	75	18	0	0	0	1966
913	Plainville	Davis Bros.	(W)Winters-Plante Wfd Unit #2	13187	Plante "B", White "A", White "B", Winters "C"	8-10-17W	640	0	Lans-KC	3,500	75	9	0	4	0	1967
914	Trico	Colorado Oil Company	(-)Williams	7906	Williams	27-10-20W	20	30	Lans-KC	3,400	200	1	0	0	0	1960
915	Trico	Murfin Drilling Company	(P)Harlan-Briggs	10794	Briggs, Harlan	34-10-20W	60	0	Lans-KC	3,500	37	2	0	0	0	1964
916	Trico	Sterling Drilling Co.	(D)Tribble	9412	Tribble	28-10-20W	160	100	Arbuc	3,739	11	0	0	0	0	1962
917	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
918	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
919	Vohs	Sinclair Oil & Gas Co.	(W)H. J. Vohs "A"	12298	H. J. Vohs "A"	13-10-19W	80	0	Lans-KC	3,280	32	5	0	0	0	1966
920	Westhusin	Atlantic Richfield Co.	(W)McClay	10800	McClay	12-9-17W	80	0	Lans-KC	3,130	254	4	0	0	0	1963
921	Westhusin	CRA, Inc.	(D)Westhusin	10108	Baxa, McClay, Dora Smith, Westhusin Unit, Westhusin "F", J. Westhusin	11,12-9-17W	150	0	Lans-KC	3,130	20	8	0	0	0	1963
922	Westhusin	Harold Krueger	(P)Colahan	13645	Colahan, Dougherty B	18-9-16W	80	0	KC	3,150	4	2	0	0	0	1967
923	Westhusin	Harold Krueger	(P)Mary Dougherty	13647	Mary Dougherty	13-9-17W	120	0	KC	3,150	4	7	0	0	0	1967
924	Williams	Tenneco Oil Company	(W)Williams	12645	Williams Field Unit	8,9-10-18W	200	0	Lans-KC*	3,400	?	0	0	1	0	1967
925	Zurich	The Veeder Supply & Development Co.	(D)Casey	6557	Casey	35-10-19W	160	?	Lans-KC	3,300	25*	1	0	0	0	1958
926	Zurich	The Veeder Supply & Development Co.	(D)McCullough	6581	Johnson, McCullough	35-10-19W	320	?	Lans-KC	3,300	25*	3	0	0	0	1958
RUSH COUNTY																
927	Otis-Albert	Independent Lease Management Company	(W)Otis-Albert Wfd* Project	7448 5333	Brack, Crowell, Koriel "A", J. Schroeder, O. Schroeder	23,24-18-16W	150	120	Reagan	3,500	27	3	5	0	0	1960
RUSSELL COUNTY																
928	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
929	Davidson	Simon Lebow Corp.	(P)Chegwidden	11475	Chegwidden	29-15-11W	160	0	Lans-KC	3,163*	15	2	0	0	0	1965
930	Fairport	Aylward Drilling Co.	(P)Booth	11553	Booth	32-11-15W	80	0	Lans-KC	2,850	22	6	0	0	0	1965
931	Fairport	Krueger & Associates	(P)Reich, Keeney & Meckel	11438	Keeney, Meckel A, Meckel B, Reich, Schmeidler	21,28,29-12-15W	100	0	KC	2,975	5	8	0	0	0	1962
932	Fairport	Louis M. Mai Operations	(W)Beller Wfd	12911	Beller "A", "B", "C"	10,15,16-12-15W	180	0	Lans-KC	2,970	6	13	0	0	0	1966
933	Fairport	Pan American Pet. Corp.	(W)F. Booth "A"	4976	F. Booth "A"	32-11-15W	80	0	Dodge	2,875	10	4	0	0	0	1956
934	Fairport	Pan American Pet. Corp.	(W)E. Oswald	11344	E. Oswald	8-12-15W	130	30	Lans	2,911	31	2	0	0	0	1964
935	Fairport	Sohio Petroleum Company	(W)Deckert	13056	Deckert	30-12-15W	46	---	Lans-KC	3,020	36	2	0	0	0	1967
936	Fairport	Sohio Petroleum Company	(W)Rusch "A"	13057	Rusch "A"	19-12-15W	50	---	Lans-KC	3,020	36	3	0	0	0	1967
937	Fairport	Sohio Petroleum Company	(W)Rusch "B"	13058	Rusch "B"	19-12-15W	29	---	Lans-Kc	3,020	36	2	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 1967			To End of 1967		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,	
896	13	1	0	0	Irreg.	Vac.	275	Prod + Dakota	540	U	Comb.	?	40	†	77,567	77,567	1,236,904	985,850	7,945,503	*11184; 6050; †3.0 @ 95°
897	1	0	0	0	Irreg.	200	221	Prod + Dakota	950	M	S Gas†	35/65	39	?	13,197	4,677	80,567	4,677	115,710	*Lans-KC; †Grav
898	2	0	0	0	Irreg.	250	355	Prod + Dakota	800	M	S Gas†	30/70	40	?	56,346	56,346	259,334	354,677	1,235,623	*Lans-KC; †Grav
899	3	0	0	0	Irreg.	131	298	Prod + Dakota	870	M	S Gas + Grav	30/70	40	?	43,792	43,792	435,021	153,805	1,221,536	
900	1	0	0	0	Irreg.	200	216	Prod + Dakota	950	M	S Gas + Grav	30/70	40	?	9,072	5,772	78,677	7,352	210,472	*Converted
901	2	0	1*	0	Peri.	300	258	Prod + Dakota	600	M	S Gas†	6/94	39	?	25,124	11,423	219,281	11,423	225,664	*Converted; †Grav
902	3	0	0	0	Irreg.	Vac.	250	Prod	---	T	S Gas	1/1	39	---	115,352	76,900	276,210	158,405	491,210	
903	1	0	0	0	Irreg.	Vac.	240	Prod	---	U	S Gas	---	38	?	4,900	1,400	8,400	?	9,900	
904	1	0	0	0	Irreg.	0	55	Prod	---	U	S Gas	1/1	33	---	6,373	2,550	20,075	2,550	392,075	
905	2	0	0	0	Peri.	0	207	Prod + Dakota	700	T	S Gas	80/20	30	---	77,285	2,400	151,127	4,400	192,327	
906	1	0	0	0	Irreg.	0	244	Prod + Arbuc	3,770	U	S Gas	---	33	---	5,525	2,700	89,164	22,972	299,907	
907	0	0	0	0	Irreg.	0	0	---	---	-	---	---	29	---	2,976	0	0	0	0	*Arbuc; †3740; †5
908	1	0	0	0	Irreg.	0	433	Prod	---	U	S Gas	2/21	30	?	3,866	3,866	158,194	24,874	561,020	
909	6	1	0	0	Irreg.	0	300	Prod	---	U	Wat + S Gas	10/43	34	11	130,328	110,559	653,374	177,940	1,623,478	*Arbuc
910	1	0	0	0	---	60	50	Prod	---	T	S Gas	1/2	30	---	6,329	0	18,250	0	102,250	
911	1	0	0	0	Irreg.	---	341	Prod	---	M	Grav	---	31	---	17,830	17,830	124,465	51,425	307,155	*3479
912	5	0	0	0	5-spot	450	350	Prod + Dakota	450	T	Grav	25/7	34	?	78,975	35,000	550,000	253,400	750,000	
913	1	0	0	0	5-spot	500	250	Prod + Dakota	450	T	Grav	25/5	34	?	44,500	10,000	80,000	54,500	80,000	
914	1	0	0	0	Irreg.	100	120	Prod	---	U	Wat	---	30	---	14,636	2,190	46,270	12,892	767,691	
915	1	0	0	0	Irreg.	Vac.	51	Prod	---	T	S Gas*	60/40	28	?	8,461	?	18,615	0	33,215	*Grav
916	1	0	0	0	Irreg.	Vac.	140	Prod	---	U	Grav	---	31	---	5,680	0	51,100	0	219,970	
917	1	1	0	0	Irreg.	Vac.	60	Prod	---	U	S Gas	3/58	23	?	23,129	11,090	21,819	11,183	278,345	
918	1	0	0	0	Irreg.	0	100	Prod	---	U	S Gas	5/29	37	---	7,385	1,049	16,000	1,049	16,000	
919	2	0	0	0	Irreg.	250	358	Prod + Arbuc	3,596	U	Gas Exp*	22/49	34	---	36,820	32,986	260,943	39,053	593,684	*Wat + Grav
920	2	0	0	0	Irreg.	Vac.	507	Prod	---	U	S Gas	20/50	34	?	25,189	25,189	---	181,611	1,370,500	
921	4	0	0	0	Irreg.	Vac.	660	Prod	---	T	S Gas	?	35	?	53,147	30,000	961,433	100,000	2,790,121	
922	1	0	0	0	3-spot	Vac.	155	Prod + Dakota	500	T	S Gas	8/2	37	---	11,621	100	28,168	100	28,168	
923	1	0	0	0	7-spot	Vac.	190	Prod + Dakota	500	T	S Gas	7/1	37	---	13,305	300	34,300	300	34,300	
924	3	4	1	0	Peri.	?	156	Dakota	539	T	S Gas	7/55	--	---	31,223	0	94,000	0	94,000	*Simpson
925	1	0	0	0	Irreg.	0	90	Prod + Dakota	600	T	S Gas	1/10	32	?	434	434	32,850	10,732	376,775	*4 zones
926	1	0	0	0	Irreg.	0	100	Prod + Dakota	600	T	S Gas	2/5	33	?	4,852	4,852	36,500	53,008	431,650	*4 zones
927	1	7	0	0	Irreg.	0	353	Prod + Dakota	500	T	Gas Exp	6/15	37	?	11,362	11,362	386,210	209,468	11,693,020	*Lease sold 11-1-67
928	1	0	0	1	Irreg.	0	200	Prod	---	U	S Gas	70/30	36	---	8,815	0	54,000	0	74,000	*Arbuc; †3300-16
929	1	0	0	0	Irreg.	0	150	Prod	---	U	Comb.	---	37	?	4,000	?	50,000	?	180,000	*3020
930	1	0	0	0	Irreg.	30	504	Prod	---	T	S Gas	---	32	?	15,744	8,600	184,000	25,100	511,850	
931	3	0	0	0	Line	---	160	Prod	---	T	S Gas	8/2	37	---	60,219	30,110	176,367	122,110	595,302	
932	4	0	0	0	Peri.	300	170	Prod	---	T	S Gas	1/2	36	?	84,119	44,119	247,632	47,719	337,283	
933	1	0	0	0	Irreg.	189	678	Prod	---	U	S Gas	10/41	37	---	12,043	12,043	247,566	194,792	1,873,834	
934	1	0	0	0	Irreg.	0	755	Prod	---	U	S Gas	26/10	39	---	35,648	15,588	275,705	75,574	764,020	
935	2	0	0	0	Peri.	0	288	Prod + Dakota	409	T	S Gas	1/15	33	---	26,716	0	138,778	0	138,778	
936	1	0	0	0	Peri.	0	131	Prod + Dakota	409	T	S Gas	1/14	35	---	17,406	0	47,938	0	47,938	
937	2	0	1	0	Peri.	---	196	Prod + Dakota	409	T	S Gas	1/11	37	---	6,532	0	143,703	0	143,703	

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.																
938	Fairport	Texaco, Inc.	(W)P. Jacobs	6472		31-12-15W	160	---	Lans	3,000	?	7	---	0	0	1958
939	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
940	Gorham	CRA, Inc.	(P)Reinhardt	4105	Reinhardt "D"	19-14-14W	100	30	Lans-KC	3,055	18	2	0	0	0	1954
941	Gorham	C.L. Hanes	(P)Vonfeldt	13077	Vonfeldt	6-15-14W	80	0	KC	2,956	6	1	0	0	0	1966
942	Gorham	Home-Stake Prod. Co.	(W)Gorham Wfd Project	9846 9137	Baxter "A", "B", "C", "D", Carter "G", Dortland "C", G. Dortland "A", "B", J. Dortland, Marg Dortland, Foster "A", "B", Linenberger "A", Mermis "B", "C", "D", Mills "B", Witt "A", "D", "E", "F"	32,33-13-15W;3,4,5, 8,9-14-15W	1,800	0	Lans-KC	3,050	28	50	0	0	8	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)Schwein-Hall	11901	Hall, Schwein	36-14-15W;1-15-15W	240	0	Gorham	3,210	6	9	0	1	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	R.P. Nixon Operations, Inc.	(-)Polcyn*	11030	Polcyn, Polcyn B	10-14-15W	40	---	Lans-KC	3,050	25	---	2	0	0	1964
947	Gorham	Okmar Oil Company	(W)Rexroat "B" Wfd	11631	Hummel, Rexroat "B", Rusch	30-14-14W	240	0	Lans-KC	3,235	12	2	0	0	0	1965
948	Gorham	Okmar Oil Company	(W)Vaughn Wfd	12345	Vaughn	17-14-14W	90	0	Lans-KC	3,180	---	6	0	0	0	1966
949	Gorham	Phillips Petroleum Co.	(W)Carroll	1354	Carroll	18-14-14W	70	?	Lans-KC	3,100	50	5	0	0	0	1957
950	Gorham	Sunray DX Oil Company	(W)Dumler-Polcyn	8387	Dumler "B", Dumler "C", Polcyn "C"	11-14-15W	21	10	Lans	3,030	10	4	0	0	0	1961
951	Gorham	Texaco, Inc.	(W)D.H. Brandenburg	4098		20-14-14W	160	---	Lans	3,100	?	3	---	---	---	1954
952	Hall-Gurney	American Petrofina Company of Texas	(W)J. Blehm & B. Boxberger Wfd	9395	J. Blehm, B. Boxberger	11-14-14W	160	100	Tarkio	2,380	10	5	0	0	0	1963
953	Hall-Gurney	American Petrofina Company of Texas	(W)George Rein Wfd	9516	George Rein	17,20-14-13W	160	0	Tarkio	2,410	10	6	1	0	0	1962
954	Hall-Gurney	American Petrofina Company of Texas	(P)Tarkio Unit	6968	Ehrlich "B", "C", Rein "C", Rein "D", Rein "F"	17-14-13W	210	0	Tarkio	2,315	10	13	1	0	0	1967
955	Hall-Gurney	Aylward Drilling Company	(D)Boxberger	9425	Anschutz	21-14-14W	160	?	Lans	3,127	20	9	0	0	0	1962
956	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
957	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
958	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
959	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
960	Hall-Gurney	Aylward Drilling Company	(P)Holl "B"	7947	Holl "B"	22-14-14W	160	0	Tarkio	2,425	22	2	0	0	0	1960
961	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
962	Hall-Gurney	Carl W. Boxberger	(W)Dumler-Graham	9974*	Dumler, Graham, Jones	16,21,22-14-13W	320	0	Tarkio	2,365	25	9	1	1	1	1963
963	Hall-Gurney	Cities Service Oil Co.	(W)Graham-Carter	2328	Carter, Graham	28,29-14-13W	80	0	Lans-KC	2,880	23	4	1	0	1	1950
964	Hall-Gurney	Cities Service Oil Co.	(W)Hall Gurney L-KC Coop Wfd	7524* 4738	Ebel "A" & "B", Hickey, Strecker "B"	24,25,36-14-14W	260	0	Lans-KC	2,880	66	13	1	0	1	1948
965	Hall-Gurney	Cities Service Oil Co.	(W)Hall Gurney Tarkio Wfd	7746* 7524	Dumler, Ebel "A" & "B", Hickey	24,25-14-14W	60	337	Tarkio	2,250	10	3	0	0	0	1959
966	Hall-Gurney	Colorado Oil Company	(W)Weismaster L-KC	9985	Weimaster	36-14-13W	80	0	Lans-KC	2,850	150	2	0	0	0	1963
967	Hall-Gurney	Colorado Oil Company	(-)Weimaster Tarkio	5407	Weimaster	36-14-13W	---	---	---	---	---	---	---	---	---	---
968	Hall-Gurney	Continental Oil Company	(W)Hall-Gurney Wfd	4592	R.S. Hall, Wm Letsch & A.C. Rogg, R. Lipprand	26,35-14-13W	275	18	Lans-KC	2,800	20	9	0	0	1	1956
969	Hall-Gurney	Continental Oil Company	(W)Rein Area Wfd	9407	H. Rein & H Rein A	27-14-13W	160	0	Lans-KC	2,860	13	5	0	0	0	1962
970	Hall-Gurney	CRA, Inc.	(W)Bond-Jones	11509*	Anna Bond, Jones "A"	22-14-13W	180	10	Tarkio	2,265	20	7	0	0	0	1965
971	Hall-Gurney	CRA, Inc.	(W)CEP-L-KC	7567* 6527	Clyde, Ehrlich, Phinney, Phinney "S"	19,30-14-13W	340	0	Lans-KC	3,000	20	11	0	0	0	1959
972	Hall-Gurney	CRA, Inc.	(W)CEP-Tarkio	7635*	Clyde, Ehrlich	19-14-13W	30	120	Tarkio	2,300	10	4	0	0	2	1959
973	Hall-Gurney	CRA, Inc.	(W)Fink	5396	Herbert Fink, Horace Fink	15,16-14-14W	240	0	Lans-KC	3,020	15	7	0	1	0	1957
974	Hall-Gurney	CRA, Inc.	(W)Hoke Unit-Dumler "A"	10234* 8415	Dumler "A", Hoke Unit Tract I & Tract II	15-14-13W	120	100	Tarkio	2,350	6	5	0	0	1	1963
975	Hall-Gurney	CRA, Inc.	(P)Krug	12707*	Albert Krug, Harry Krug	9-14-14W	50	0	Lans-KC	3,000	45	3	0	0	0	1963
976	Hall-Gurney	D.S. & W. Well Servicing, Inc.	(P)Herbert Becker	4434	Becker	33-14-14W	---	0	Tarkio	2,300	4	0	0	0	0	1967
977	Hall-Gurney	Leo J. Dreiling Oil Co.	(D)Boxberger	10265	Boxberger	3-14-14W	160	---	Lans-KC	2,992	60	4	0	0	0	1963
978	Hall-Gurney	Leo J. Dreiling Oil Co.	(D)Krug	9693	Krug	4-14-14W	160	---	KC	3,049	20	4	1	0	0	1962
979	Hall-Gurney	Duke Drilling Co., Inc.	(D)Flegler	8065	Flegler	28-14-14W	20	?	Lans	3,068	20	1	0	0	0	1960
980	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	0	1967
981	Hall-Gurney	John O. Farmer, Inc.	(P)Major	8566	Major	4-15-12W	160	0	Lans-KC	2,925	5	5	---	0	0	1961
982	Hall-Gurney	John O. Farmer, Inc.	(W)Rein Area	9415	Colliver, Rein	27,28-14-13W	80	0	Lans-KC	2,850	6	4	---	0	0	1962
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

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 1967			To End of 1967		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	
938	2	0	0	0	Irreg.	---	700	Prod	---	U	S Gas	27/2	33	---	26,184	26,184	730,048	---	2,742,532	*10922
939	0	0	0	0	Irreg.	150	250	Prod	---	-	Gas Exp	4/96	40	?	7,720	0	90,000	1,000	230,000	
940	1	0	0	0	Irreg.	Vac.	1,695	Prod	---	T	S Gas	1/1	?	?	19,143	19,143	618,960	?	4,091,636	
941	1	0	0	0	Peri.	450	60	Prod	---	U	Grav	40/60	34	---	7,168	1,220	21,900	1,220	21,900	
942	44	0	0	6	5-spot	550	342	Prod + Gorham	3,300	T	S Gas	---	36	---	219,909	174,963	5,500,000	1,108,503	25,002,873	
943	1	0	0	0	Irreg.	0	3,100	Prod + L-KC + Arbuc*	3,200	U	Wat	---	30	---	24,777	4,000	930,000	11,000	1,930,000	*Gorham
944	1	0	0	0	Irreg.	0	1,300	Prod + Lans-KC	2,966*	T	Wat	---	30	---	47,915	7,500	360,000	20,500	870,000	*3165
945	1	0	0	0	Irreg.	0	420	Prod	---	U	S Gas	80/20	35	---	3,382	3,000	151,200	10,856	457,525	*Inactive
946	---	---	---	---	---	---	---	---	---	-	---	---	37	---	5,428	---	0	11,455	150,000	
947	1	0	0	0	Irreg.	700	650	Prod + Arbuc	3,160	U	S Gas	---	34	---	17,280	3,800	237,133	8,788	537,133	
948	1	0	0	1	Peri.	500	2,170	Prod	---	U	S Gas	---	40	---	44,543	44,543	792,850	49,643	1,178,321	
949	3	0	0	0	Irreg.	0	667	Prod	---	U	S Gas	2/23	41	5	40,632	38,632	730,330	227,264	5,069,064	
950	1	0	0	0	Irreg.	0	393	Prod	---	U	S Gas	?	37	?	23,159	23,159	143,369	92,072	732,143	
951	4	---	---	---	Irreg.	160	380	Prod	---	U	S Gas	84/47	34	---	19,615	19,615	701,112	---	8,741,148	
952	1	1	0	0	Irreg.	211	87	Prod	---	U	S Gas	1/9	36	---	2,795	2,776	31,679	12,904	538,452	
953	4	0	0	0	5-spot	0-654	104	Prod + Cheyenne	232	T	S Gas	1/0	38	---	7,682	7,682	151,932	87,070	826,108	
954	4	4	0	0	5-spot	0	116	Prod + Dakota	356	T	S Gas	1/3	41	---	7,000	0	124,124	0	124,124	
955	3	0	0	0	Irreg.	500	118	Prod + Dakota	320	T	S Gas	---	38	?	13,504	6,752	129,556	6,752	863,556	
956	1	0	0	0	Irreg.	485	265	Prod	---	T	S Gas	---	39	?	13,069	13,069	96,548	129,210	914,074	
957	1	0	0	0	Irreg.	450	61	Prod	---	T	S Gas	---	38	?	3,918	2,351	22,176	66,253	267,114	
958	5	0	0	0	Irreg.	340	182	Prod	---	T	S Gas	---	37	?	31,757	28,899	265,530	688,260	4,298,821	
959	1	0	0	0	Irreg.	Vac.	245	Prod	---	T	S Gas	---	37	?	1,323	1,323	89,637	41,867	254,082	
960	3	0	0	0	Irreg.	170	32	Prod + Dakota	275	T	S Gas	---	37	?	2,555	2,555	34,675	23,465	314,908	
961	1	0	0	0	Irreg.	700	515	Prod + Dakota	275	T	S Gas	---	37	?	46,714	30,050	199,133	346,028	1,970,466	
962	2	0	0	0	Irreg.	500	200	Prod + Arbuc	3,250	T	S Gas	80/20	38	---	12,960	12,960	147,580	81,956	761,270	*9963
963	3	0	0	0	Irreg.	600	199	Prod + Dakota	300	M	S Gas	65/65	37	?	27,578	27,578	218,274	426,623	1,356,184	
964	7	0	0	0	Peri.	581	587	Prod	---	T	S Gas	18/10	39	?	117,868	117,868	1,500,716	1,025,465	11,062,086	*4724; 2030
965	2	2	0	2	5-spot	805	433	Dakota	350	T	S Gas	55/37	38	?	10,968	10,968	316,183	495,723	3,465,180	*7492; 5989; 4738
966	1	0	0	0	Irreg.	450	500	Prod	---	U	Wat	20/66	39	---	6,199	3,050	196,579	30,715	820,990	
967	---	---	---	---	---	---	---	---	---	-	---	---	---	---	---	---	---	---	---	---
968	5	0	0	2	Irreg.	1,450	376	Water Sand + Water Gravel	40	F	S Gas	?	39	---	48,252	48,252	209,079	597,728	4,711,232	
969	3	0	0	0	Irreg.	600	500	Cheyenne	88	U	S Gas	?	39	---	51,627	37,690	781,250	211,615	1,852,513	
970	5	0	0	0	5-spot	700	---	Prod + Dakota	300	M	S Gas	?	38	?	25,111	25,000	247,363	40,700	418,900	*11111
971	4	1	0	0	Irreg.	1,100	225	Prod + Dakota	350	T	S Gas	3/1	36	?	89,256	89,256	327,722	312,000	1,285,888	*3059
972	3	3	0	1	5-spot	900	130	Dakota	400	F	S Gas	2/1	?	?	1,987	1,987	142,473	128,000	1,836,904	*6127
973	3	0	1	0	Irreg.	1,400	354	Prod + Dakota	450	T	S Gas	3/2	38	?	38,439	32,659	427,634	294,000	2,038,263	
974	7	0	0	1	5-spot	550	105	Prod + Dakota	115	M	S Gas	1/2	38	?	10,864	10,000	284,115	75,000	1,208,499	*8414
975	2	1	0	0	Irreg.	1,250	1,000	Prod	---	T	S Gas	1/1	37	?	28,836	19,650	772,974	50,000	1,754,066	*10671
976	1	0	0	0	Irreg.	400	50	Prod	---	M	S Gas	---	---	---	0	0	---	0	1,000	
977	2	0	0	0	Irreg.	0	1,300	Prod	---	T	S Gas	?	40	---	14,832	12,000	459,500	51,931	1,435,400	
978	2	0	0	0	Irreg.	0	1,200	Prod	---	T	S Gas	?	40	---	13,781	11,000	438,000	68,000	1,243,075	
979	1	0	0	0	Irreg.	700	300	Prod	---	U	S Gas	9/1	40	?	7,678	7,678	60,000	52,553	453,000	
980	1	0	0	0	Irreg.	0	50	Prod	---	U	Wat	10/90	39	---	3,682	500	5,000	500	5,000	
981	1	---	0	0	Irreg.	300	350	Prod	---	-	Grav	---	37	---	4,947	2,000	108,000	14,000	?	
982	1	0	0	0	Irreg.	800	500	Prod + Dakota	300	U	Grav	---	40	---	38,532	30,000	159,275	?	899,133	
983	1	0	0	0	Irreg.	500	347	Prod	---	U	Wat	?	37	---	15,159	0	126,600	0	1,273,781	

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.	
RUSSELL Cont.																
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)Boxberger SWS	13980* 4499	J. Boxberger, Gurney A, Gurney B	23,26-14-14W	480	0	Lans-KC + Tarkio	3,000 2,300	100	15	0	0	0	1955
986	Hall-Gurney	Theodore Gore	(P)Kaufman B	12581	Kaufman B, Klusener, Luerman	22,27,28-15-12W	400	0	Lans-KC + Topeka	2,774	300	7	0	0	0	1967
987	Hall-Gurney	Graves Drilling Co., Inc.	(W)Dumler	10610	Dumler Northwest Quarter	24-14-14W	100	0	Tarkio	2,300	10	6	0	0	0	1963
988	Hall-Gurney	Gulf Oil Corporation	(W)Herber A. Fink	8293	Herbert A. Fink	15-14-14W	160	0	Lans-KC	3,000	---	3	0	0	0	1960
989	Hall-Gurney	Gulf Oil Corporation	(W)Abraham Heard*	12992	Abraham Heard	30-14-12W	160	0	Lans-KC	2,850	---	0	0	0	0	---
990	Hall-Gurney	Fred J. Haynes Estate	(W)Boxberger "B"	13436	Boxberger "B" Northeast Quarter	14-14-14W	160	0	Lans-KC	3,000	6	2	0	0	0	1967
991	Hall-Gurney	Jayhawk Well Servicing Co.	(D)Cody	8456	Cody	16-14-14W	180	0	KC	3,000	4	6	0	0	0	1961
992	Hall-Gurney	Jayhawk Well Servicing Co.	(D)Holl	9078	Holl	21-14-14W	80	0	KC	3,000	4	4	0	0	0	1961
993	Hall-Gurney	Jayhawk Well Servicing Co.	(D)Holl B	11860	Holl B	21-14-14W	80	0	KC	2,900	4	4	0	0	0	1965
994	Hall-Gurney	Jayhawk Well Servicing Co.	(D)Michel B & C	7366*	Michel B, Michel C	2-15-14W	160	0	KC	2,900	4	6	0	0	0	1959
995	Hall-Gurney	Keystone Petroleum, Inc.	(P)Weimaster "A"	4379	Weimaster	25-14-13W	40	---	Tarkio	2,171	5	2	0	0	0	1955
996	Hall-Gurney	Chester Loving	(-)	4732	Carter	29-14-13W	---	---	Tarkio	---	---	---	---	---	---	---
997	Hall-Gurney	Chester Loving	(-)Kepka	5559	Kepka	29-14-12W	---	---	KC	---	---	---	---	---	---	---
998	Hall-Gurney	Chester Loving	(-)Henry Michel	3181	Henry Michel	33-14-13W	---	---	Tarkio + KC	---	---	---	---	---	---	---
999	Hall-Gurney	Chester Loving	(-)Rein	12641	Rein	22-14-13W	---	---	Tarkio	---	---	---	---	---	---	---
1000	Hall-Gurney	Louis M. Mai Operations	(W)Campbell-Graham	11301*	Campbell, Graham	21,22-14-13W	240	0	Tarkio	2,275	20	9	0	2	0	1957
1001	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
1002	Hall-Gurney	Louis M. Mai Operations	(D)Rudiger-Shaffer	8345	Rudiger-Shaffer	3-15-13W	180	0	Lans-KC	2,970	6	5	0	0	0	1960
1003	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
1004	Hall-Gurney	Mobil Oil Corporation	(P)Smoky Hill River	13313	Smoky Hill River Unit	29,30,31-14-12W	520	---	Lans-KC	2,850	18	24	3	0	0	1967
1005	Hall-Gurney	Murfin Drilling Company	(P)Carter Pressure Maintenance	13536	Carter	33-14-13W	20	0	Lans-KC	2,868	48	0	0	0	0	1967
1006	Hall-Gurney	Nat. Coop. Ref. Assn.	(W)Mai	11738	Mai	34-14-14W	40	0	Lans	2,920	280	2	0	0	0	1965
1007	Hall-Gurney	Nat. Coop. Ref. Assn.	(W)Rein "A"	6310	Rein "A"	19-14-13W	70	10	Tarkio	2,323	7	4	4	0	4	1959
1008	Hall-Gurney	R.P. Nixon Operations, Inc.	(P)Boxberger	11459	Boxberger	2-14-14W	20	---	Lans-KC	3,050	25	2	0	0	0	1964
1009	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
1010	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
1011	Hall-Gurney	Pan American Pet. Corp.	(W)S. Boxberger	12386	S. Boxberger	10-14-14W	160	0	Lans	2,980	60	8	1	1	1	1966
1012	Hall-Gurney	Pan American Pet. Corp.	(W)Krug-Olson	4587	Krug "A", Krug "B", Olson "A" & "C", Olson "B"	27,28-14-14W	520	0	Lans	3,000	136	18	0	0	0	1953
1013	Hall-Gurney	Pan American Pet. Corp.	(W)C.L. Newcomer	12387	C.L. Newcomer	10-14-14W	160	0	Lans	3,000	60	3	0	0	0	1966
1014	Hall-Gurney	Pan American Pet. Corp.	(W)Ben Rein	8926	Ben Rein	25-14-14W	160	0	Lans*	2,950†	20†	6	0	1	0	1957
1015	Hall-Gurney	Lee Phillips Oil Co.	(W)Letsch	13121*	Letsch	34-14-13W	140	0	Lans†	2,810‡	20‡	8	0	0	0	1961
1016	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
1017	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
1018	Hall-Gurney	Shields Oil Producers, Inc.	(W)Owens "A" Wfd	13476	Owens "A"	34-14-13W	80	0	Tarkio	2,210	10	3	0	0	0	1967
1019	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
1020	Hall-Gurney	Shields Oil Producers, Inc.	(W)Rogg "C" Wfd	10280	Rogg "C"	20-14-13W	80	0	Tarkio	2,250	10	2	0	0	0	1964
1021	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	1	0	1967
1022	Hall-Gurney	Sierra Petroleum Co., Inc.	(W)L.L. Holl #6 Injection Well	13157	L.L. Holl	21-14-14W	80	0	Lans-KC	2,963	122	2	0	0	0	1967
1023	Hall-Gurney	Morris Sitrin, Inc.	(P)Boxberger	7619	Boxberger	26-14-14W	80	0	Lans-KC	2,928	79	5	0	0	1	1960
1024	Hall-Gurney	Morris Sitrin, Inc.	(-)Herbel	6111	Herbel, Herbel "A"	26,35-14-14W	80	---	Lans-KC	2,930	60	2	0	0	0	---
1025	Hall-Gurney	Skelly Oil Company	(P)T.B. Carter	1088	T.B. Carter	33-14-13W	0	0	Lans-KC	2,885	10	2	0	0	0	1944
1026	Hall-Gurney	Skelly Oil Company	(P)Driscoll-Lansing	4595	J.E. Driscoll	27-14-14W	0	0	Lans-KC	2,950	81	0	0	0	0	1955
1027	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	26	0	0	0	1950
1028	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	4	0	0	0	1959
1029	Hall-Gurney	Skelly Oil Company	(P)E.N. Hickey Lansing Wfd	2969	E.N. Hickey	30-14-13W	40	0	Lans-KC	2,882	79	1	0	0	0	1952
1030	Hall-Gurney	Sunray DX Oil Company	(W)Boxberger	13201*	Boxberger	22-14-14W	10	70	Lans	2,960	20	2	0	0	0	1956
1031	Hall-Gurney	Sunray DX Oil Company	(W)Wm Letsch	9417	Wm Letsch	26-14-13W	25	0	Tarkio	2,220	8	5	0	0	0	1962
1032	Hall-Gurney	Sunray DX Oil Company	(W)Wm Letsch	13594	Wm Letsch	26-14-13W	25	0	KC	2,900	20	3	0	0	0	1967
1033	Hall-Gurney	Sunray DX Oil Company	(W)Strecker "A" & "B" Tarkio	6727 4691	Strecker "A", Strecker "B"	25-14-14W	45	100	Tarkio	2,257	7	7	1	0	0	1959
1034	Hall-Gurney	Texaco, Inc.	(W)G. Boxberger "A" & "B"	5073 4517	G. Boxberger "A" & "B"	22-14-14W	240	---	Lans	3,100	?	6	---	---	---	1953

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 1967			To End of 1967		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,		
984	1	0	0	0	Irreg.	800	586	Prod		---	U	Wat	7/93	37	---	20,785	13,500	213,891	20,558	249,421	*4498; 4032
985	3	0	0	1	Irreg.	600	692	Prod		---	U	Wat	---	37	---	30,397	15,200	747,687	372,341	4,329,399	
986	1	0	1*	0	Irreg.	324	270	Prod		---	U	Wat	12/88	40	---	15,599	0	80,720	0	80,720	*Converted
987	3	0	0	0	5-spot	175	125	Prod + Dakota	400	T	S Gas	---	38	---	30,000	20,000	110,000	86,000	342,000	*Dakota *Injection not started	
988	3	0	0	0	Irreg.	1,800	320	Prod + Cheyenne*	348	M	S Gas	3/31	38	---	15,117	15,117	294,636	72,599	1,114,586		
989	0	0	0	0	Irreg.	---	---	---	---	---	---	---	---	---	---	8,911	0	0	0		0
990	1	0	0	0	Irreg.	300	60	Topeka	2,600	T	S Gas	1/3	37	37	4,320	360	16,220	360	16,220		
991	1	0	0	0	Irreg.	300	200	Prod	---	U	---	75/25	39	---	16,500	8,000	8,000	48,000	292,000		
992	0	0	0	0	Irreg.	300	100	Prod	---	U	Wat	75/25	39	---	10,800	5,000	10,000	20,000	210,000		
993	1	0	0	0	Irreg.	400	300	Prod	---	U	Gas Exp	75/25	40	---	4,000	3,000	8,000	11,000	38,000		
994	1	0	0	0	Irreg.	500	150	Prod	---	U	Gas Exp	75/25	39	---	7,000	1,500	6,000	6,000	264,000		
995	1	0	0	0	Irreg.	650	260	Prod + Shallow*	50	M	S Gas	30/70	36	---	1,193	1,193	21,900	38,439	258,100		*4550 *Alluvial Gravel
996	---	---	---	---	---	---	---	---	---	---	T	Grav	---	---	---	3,509	---	64,068	---		---
997	---	---	---	---	---	---	---	---	---	---	-	Grav	---	---	---	495	---	73,000	---		---
998	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8,652	---	14,600	---		---
999	---	---	---	---	---	---	---	---	---	---	M	Grav	---	---	---	4,182	---	69,780	---		---
1000	5	1	1	1	Irreg.	650	155	Prod + Dakota	294	M	S Gas	1/4	39	?	17,448	15,778	147,541	49,311	463,296		*11296; 9091
1001	2	0	0	0	Irreg.	500	200	Prod	---	T	S Gas	1/4	35	?	6,794	0	127,077	0	220,077		
1002	1	0	0	0	Irreg.	Vac.	15	Prod	---	T	S Gas	1/4	39	?	7,079	1,850	5,475	11,745	42,065		
1003	2	0	1	1	Irreg.	---	---	Prod	---	T	S Gas	1/4	36	?	29,735	3,000	260,885	10,910	1,391,736	*5955; †L-KC; †2890; #25	
1004	6	0	6*	0	Peri.	800	400	Prod	80	M	S Gas	---	36	9	135,285	0	668,479	0	668,479	*Converted	
1005	1	0	1*	0	Irreg.	Vac.	24	Prod + Tarkio	2,250	T	S Gas + Grav	73/27	37	?	3,523	0	5,256	0	5,256	*Converted	
1006	1	0	0	0	Irreg.	660	180	Prod + Dakota	420	U	S Gas	1/0	38	---	8,122	2,253	65,494	4,191	126,918		
1007	3	0	0	3	Irreg.	94	95	Prod + Dakota	300	M	Wat	10/34	40	---	1,517	0	22,817	66,130	620,307		
1008	1	0	0	0	Irreg.	250	175	Prod	---	U	S Gas	75/25	34	---	5,613	5,613	63,000	15,659	195,125		
1009	3	1	0	0	Irreg.	1,000	188	Prod + Alluvium	80	M	S Gas	?	36	---	8,978	8,978	240,157	29,178	517,153		
1010	1	0	0	0	Line	200	125	Prod	---	U	S Gas	---	37	---	1,227	800	44,000	1,530	265,000		*L-KC; †2890; †20
1011	2	0	0	0	Irreg.	845	636	Prod	---	U	S Gas	10/33	38	---	76,139	57,239	463,754	91,184	588,152		
1012	7	2	0	0	Irreg.	535	264	Prod + Dakota	265	U	S Gas	4/1	37	---	175,356	175,356	674,893	1,880,149	6,109,888		
1013	2	0	0	0	Irreg.	0-613	324	Prod + Dakota	300	U	S Gas	10/15	36	---	16,416	16,416	236,501	29,080	257,496		
1014	2	1	0	0	Irreg.	650	385	Prod	---	U	S Gas	10/61	38	---	40,414	40,414	280,631	662,131	2,934,282		*Tarkio; †2290; †8
1015	3	0	0	0	Irreg.	6,500	400	Prod + River Sand	70	F	S Gas	---	38	?	75,750	67,350	237,250	---	1,175,250		†9511; 8615; 8420;
1016	1	0	0	0	Irreg.	0	150	Prod + Arbuc	3,300	U	S Gas	---	37	---	4,965	2,000	54,750	17,600	299,150		†Tarkio; †2240; #10
1017	1	0	0	0	Irreg.	750	294	Prod + Dakota*	220	M	S Gas	---	37	---	6,077	2,800	107,760	8,500	376,307		*Cheyenne
1018	1	0	0	0	Irreg.	600	645	Dakota + Cheyenne	220	T	S Gas	---	37	---	10,569	8,500	174,513	8,500	174,513		
1019	10	0	0	0	Irreg.	650	298	Prod + Dakota + Cheyenne	300	M	S Gas	---	39	---	165,770	140,000	1,087,014	722,847	5,213,837		*C-D Zone
1020	1	0	0	1	Irreg.	800	156	Prod + Dakota*	150	M	S Gas	---	36	---	8,000	4,000	57,114	9,244	33,003	*Cheyenne	
1021	1	0	0	0	Irreg.	750	170	Prod + Dakota*	200	T	S Gas	---	39	---	8,019	4,000	62,242	4,000	62,242	*Cheyenne	
1022	1	1	1	1	Irreg.	600	120	Prod + Dakota	163	T	S Gas	2/9	37	3	3,345	0	19,021	0	19,021		
1023	2	0	0	0	Irreg.	---	396	Prod + Dakota	1,520	M	Grav	---	39	---	9,410	9,410	289,166	116,279	1,566,815		
1024	1	0	0	0	Irreg.	---	68	Prod	---	M	Grav	---	36	---	4,996	4,996	24,820	12,478	33,215		
1025	1	0	0	0	Irreg.	0	46	Prod	---	U	S Gas	?	34	?	15,548	15,548	16,613	24,673	705,628		
1026	1	0	0	0	Irreg.	0	2	Prod	---	U	S Gas	---	38	?	2,601	0	605	0	18,138		
1027	17	1	3	0	Irreg.	800	247	Prod + Dakota + Cheyenne	200	T	S Gas	2/3	39	?	139,979	139,979	1,532,349	1,123,597	9,523,446	*2439; 1552	
1028	2	0	0	0	Irreg.	550	61	Prod + Dakota	200	T	S Gas	?	38	?	7,217	7,217	44,270	93,744	571,689		
1029	1	0	0	0	Irreg.	180	297	Prod	---	U	S Gas	---	39	?	3,844	3,844	108,275	85,333	524,719		
1030	2	0	1†	0	Irreg.	660	351	Prod	---	U	S Gas	?	38	?	40,635	40,635	256,175	270,283	2,036,348	*5033; †Converted	
1031	2	0	0	?	Irreg.	1,085	174	Prod	---	U	S Gas	?	38	?	19,087	19,087	127,121	41,752	1,414,301		
1032	1	0	0	0	Irreg.	303	670	Prod	---	U	S Gas*	10/48	38	?	2,965	2,965	80,432	2,965	80,432	*Wat	
1033	3	1	0	0	Irreg.	780	249	Prod	---	U	S Gas	2/25	39	?	32,625	32,625	272,284	206,080	2,307,149		
1034	3	---	0	0	Irreg.	650	300	Prod	---	U	S Gas	3/11	37	---	21,443	21,443	336,308	---	3,252,880		

10

1,279,951 20,200 2,000 5,000,000 32,000,000

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.	
RUSSELL Cont.																
1035	Hall-Gurney	Texaco, Inc.	(W)H.L.S. Boxberger	10948*		10,11,14-14-14W	640	---	Lans	3,050	?	14	2	0	0	1954
1036	Hall-Gurney	Texaco, Inc.	(-)Goodheart-Ruby	10725*		25-14-13W	240	---	Lans	---	---	8	1	0	0	1963
1037	Hall-Gurney	Texaco, Inc.	(W)Mohl-Shaffer	6015*		18-14-13W	280	---	Tarkio	2,325	11	10	2	---	---	1953
1038	Hall-Gurney	Texaco, Inc.	(W)C. Pekarek, E.A. Borell, F. Vejl	10434 10433		5-15-12W	159	---	Lans	---	---	8	1	---	---	1963
1039	Nuss	Duke Drilling Co., Inc.	(D)Nuss B	8871	Nuss	32-15-14W	80	?	Lans	3,120	25	2	0	0	1	1961
1040	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
1041	Trapp	Icer Addis	(P)Ben Rein	10920	Ben Rein	8-15-13W	80	?	Lans	2,918	278	2	0	0	0	1964
1042	Trapp	Cities Service Oil Co.	(W)Eichman "A"	13257 5472	Eichman "A" & Tittle "A", Krug "G" & "F"	12,13-15-14W	159	0	Lans-KC	3,090	12	7	1	0	1	1957
1043	Trapp	Cities Service Oil Co.	(W)Maag L-KC Coop.	8707	Maag	7-15-13W	13	0	Lans-KC	3,020	21	1	0	0	0	1961
1044	Trapp	Cities Service Oil Co.	(W)Rogg "D"	7631	Rogg "D"	9-15-13W	160	0	Lans-KC	3,090	28	4	1	0	1	1960
1045	Trapp	Cities Service Oil Co.	(W)Tittle "A"	11928	Tittle "A"	12-15-14W	12	0	Lans-KC	3,090	20	3	3	0	3	1965
1046	Trapp	Colorado Oil Company	(W)Krug	13777	Krug	7-15-13W	50	0	Lans-KC	3,000	8	3	0	0	0	1967
1047	Trapp	Colorado Oil Company	(W)Maag	13776	Maag	7-15-13W	40	0	Lans-KC	3,000	8	2	0	0	0	1967
1048	Trapp	Continental Oil Company	(W)Trapp Lansing	7606	J.W. Meharg	17-15-13W	160	0	Lans-KC	2,950	21	7	0	0	0	1961
1049	Trapp	CRA, Inc.	(P)Berrick	7566	Berrick	6-15-13W	40	20	Lans-KC	2,990	20	3	0	0	0	1960
1050	Trapp	CRA, Inc.	(P)Meharg	13550	Meharg	18-15-13W	2	0	Lans-KC	3,000	15	0	0	0	0	1967
1051	Trapp	CRA, Inc.	(W)NE Trapp Wfd	7607	Bitter, Holland, L. Sellens, Tom Sellens	16,17-15-13W	450	0	Lans-KC	3,000	25	19	0	0	0	1961
1052	Trapp	CRA, Inc.	(P)Gale Sellens	10309	Gale Sellens	19-15-13W	90	0	Lans-KC	3,020	25	3	0	0	0	1960
1053	Trapp	CRA, Inc.	(P)George Sellens	7370	George Sellens	20-15-13W	160	160	Lans-KC	3,040	?	4	0	0	0	1959
1054	Trapp	Humble Oil & Refining 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	0	1961
1055	Trapp	Isern-Wells	(W)North Trapp Coop	7609*	Meharg, Schultz	16-15-13W	120	0	Lans-KC	3,050	20	3	---	---	---	1961
1056	Trapp	Chester Loving	(P)Anschutz	8115	Anschutz	10-15-13W	---	---	KC	---	---	---	---	---	---	---
1057	Trapp	Chester Loving	(-)Luerman	11569	Luerman	10-15-13W	---	---	KC + Tarkio	---	---	---	---	---	---	---
1058	Trapp	Nat. Coop. Ref. Assn.	(W)Boxberger "B"	10484	Boxberger "A", Boxberger "B"	10-15-14W	80	0	Lans	2,976	6	6	0	0	0	1963
1059	Trapp	Nat. Coop. Ref. Assn.	(W)Flegler "B"	5183	Flegler "B"	2,11-15-14W	20	50	Tarkio	2,298	20	3	0	0	0	1956
1060	Trapp	Nat. Coop. Ref. Assn.	(W)Flegler "B"	9131	Flegler "B"	2,11-15-14W	60	0	Lans	2,966	26	4	0	0	0	1962
1061	Trapp	Nat. Coop. Ref. Assn.	(W)Flegler "C"	6038	Flegler "C"	11-15-14W	80	20	Lans	3,057	7	4	0	0	0	1958
1062	Trapp	Nat. Coop. Ref. Assn.	(W)Krug	9108	Krug	3-15-14W	20	0	Lans	2,955	20	2	0	0	0	1962
1063	Trapp	Nat. Coop. Ref. Assn.	(W)Michel "A"	9132	Flegler "C", Michel "A"	2,11-15-14W	30	30	Tarkio	2,316	4	4	1	0	1	1962
1064	Trapp	Pan American Pet. Corp.	(W)NE Trapp	7604*	J. Hefferman, J. Letsch "A", J. Letsch "B", R. Roesner	4,9-15-13W	520	0	Lans	3,010	55	12	0	0	1	1960
1065	Trapp	Phillips Petroleum Co.	(W)Roesner	7568	Roesner	9-15-13W	50	?	Lans-KC	3,100	50	1	0	0	0	1960
1066	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
1067	Trapp	Shell Oil Company	(P)L. Sellens "B" & "C"	13496* 11871	L.A. Sellens "B", L.A. Sellens "C"	22-15-13W	160	0	Lans-KC	3,035	84	5	0	0	0	1960
1068	Trapp	Shields Oil Producers, Inc.	(W)Northeast Trapp	7570	Rogg "A"	9-15-13W	160	160	Lans-KC	2,950	30	8	0	0	0	1960
1069	Trapp	R.H. Siegfried, Inc.	(W)Ross	5952	Ross	11-15-13W	20	20	Lans	3,300	12	2	0	0	0	1958
1070	Trapp	Skelly Oil Company	(W)Anderson-Rein	7765	M.E. Anderson, Geo Rein, Jr	7,8-15-13W	480	0	Lans-KC	2,900	50	17	0	0	0	1961
1071	Trapp	Sohio Petroleum Co.	(W)Anschutz	7565	Anschutz	10-15-13W	100	---	Lans-KC	3,050	18	4	0	0	0	1960
1072	Trapp	Sunray DX Oil Company	(W)Berrick	13567	Berrick	23-15-13W	20	0	Tarkio	2,345	10	3	0	0	0	1967
1073	Trapp	Sunray DX Oil Company	(W)Hefferman	13577	Hefferman	26-15-13W	15	15	Tarkio	2,345	10	1	0	0	0	1967
SALINE COUNTY																
1074	Lindsborg	Kirby Petroleum Co.	(W)Salemsborg*	12160	Olson, Swenson "B", "D"	17,20-16-3W	240	240	Maquo Dol	3,417	10	3	0	0	3	1966
1075	Lindsborg	Ray Perera	(D)Robinson-Johnson Martinson	10664	Mina Johnson, Martinson, Robinson	32-15-3W	80	0	Maquoketa	3,400	5	2	0	0	0	1963
1076	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
1077	Salina	Tom Brown Construction, Inc.	(D)Foran	13808	Burkholder, Foran, Salina Airport	17,20-14-2W	160	0	Maquo Dol	3,224	5	3	0	0	0	1967
1078	Salina	Tom Brown Construction, Inc.	(-)Muir	9740	Muir, Andrew Nelson	13,24-15-3W	320	360	Maquo Dol	3,264	8	2	0	0	0	1962
1079	Salina	Solar Oil Company	(W)Swigart	9817	Riddle, Swigart, Wauhob	6,7,8-15-2W	170	20	Maquoketa	3,225	15	4	0	0	0	1962
1080	Smolan	Mobil Oil Corporation	(W)Smolan Field	11425* 10098	Bengston, Frost, Gustafson, Larson "A", Larson "B"	30-15-3W;25,36- 15-4W	1,074	---	Maquoketa	3,420	10	2	4	0	0	1957
1081	Smolan	Ray Perera	(D)Ostenberg	6631	Ostenberg	30-15-3W	120	0	Maquoketa	3,413	5	2	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 1967			To End of 1967		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,	
1035	9	---	---	---	Irreg.	600	2,000	Prod	---	U	S Gas	50/81	36	---	34,053	34,053	914,447	---	6,358,345	*7752
1036	8	---	---	---	Irreg.	600	300	Prod	---	U	S Gas	10/19	36	---	55,817	45,106	---	---	3,546,188	*10284
1037	2	---	---	---	5-spot	75	72	Prod + Dakota	400	M	S Gas	1/0	38	---	8,967	8,967	28,296	---	3,130,914	*3771
1038	6	0	0	0	Irreg.	630	230	Prod	---	U	S Gas	10/21	37	---	39,553	33,489	588,245	---	2,104,843	
1039	1	0	0	0	Irreg.	800	400	Prod	---	U	S Gas	50/50	34	---	10,625	10,625	136,000	83,985	845,000	
1040	1	0	0	0	Irreg.	Vac.	149	Prod	---	U	S Gas	1/1	40	0	23,778	0	54,537	0	106,784	
1041	1	0	0	0	Irreg.	Vac.	40	Prod	---	U	Gas Exp	47/53	37	?	8,450	2,700	15,000	4,050	66,500	
1042	4	2	0	2	Irreg.	400	279	Prod	---	T	S Gas	60/85	38	?	29,906	29,906	407,350	355,761	4,511,691	
1043	1	0	0	0	Irreg.	80	39	Prod + Dakota	490	T	S Gas	10/8	37	?	5,413	5,413	13,705	36,309	143,519	
1044	3	0	0	0	Irreg.	441	529	Prod + Dakota	400	T	S Gas	22/10	37	?	11,086	11,086	579,200	70,961	1,980,813	
1045	1	1	0	1	Irreg.	650	414	Prod	---	T	S Gas	1/14	38	?	780	780	62,499	4,232	165,011	*Lease abnd May 1967
1046	1	0	1*	0	Irreg.	800	140	Prod + Arbuc	3,306	U	Wat	21/37	37	---	4,649	464	9,897	464	9,897	*Converted
1047	1	0	1*	0	Irreg.	850	181	Prod + Arbuc	3,316	U	Wat	12/53	36	---	1,275	117	14,750	117	14,750	*Converted
1048	6	0	0	0	Irreg.	620	200	Dakota + Cheyenne	550	U	S Gas	?	39	---	67,526	47,519	468,919	397,269	2,740,970	
1049	1	0	0	0	Irreg.	Vac.	520	Prod	---	T	S Gas	---	38	?	12,627	12,627	190,388	103,649	957,609	
1050	0	0	0	0	Irreg.	800	600	Prod	---	U	S Gas	---	?	?	?	0	67,332	0	67,332	
1051	14	0	0	0	5-spot	*	168	Dakota	380	F	S Gas	?	39	?	216,685	216,685	857,369	1,249,635	5,026,040	*Variable
1052	1	0	0	0	Irreg.	0	---	Prod	---	U	S Gas	?	38	?	12,890	10,821	123,979	45,818	849,095	
1053	1	0	0	0	Irreg.	400	408	Prod	---	U	S Gas	10/3	39	?	7,458	5,950	149,032	119,823	1,930,034	
1054	14	0	0	0	5-spot	416	162	Dakota	240	T	S Gas	---	39	6	212,865	195,293	737,856	1,119,488	4,334,187	
1055	3	0	0	0	5-spot	1,000	69	Dakota	490	F	S Gas	10/1	40	?	9,000	8,500	75,834	46,151	676,993	*7608
1056	---	---	---	---	---	---	---	Prod	---	T	Grav	---	38	---	1,480	---	31,492	---	---	
1057	---	---	---	---	---	---	---	Prod	---	T	Grav	---	---	---	7,954	---	4,100	---	---	
1058	1	0	0	0	Irreg.	351	369	Prod	---	U	S Gas	4/1	36	---	20,632	4,518	134,693	17,449	1,010,791	
1059	2	0	0	0	Irreg.	778	148	Prod + Arbuc	3,177	U	S Gas	10/3	38	---	9,429	8,132	105,316	127,073	1,622,574	
1060	1	0	0	0	Irreg.	829	736	Prod + Arbuc	3,177	U	S Gas	10/25	38	---	13,133	8,502	268,695	88,468	2,103,865	
1061	1	0	0	0	Irreg.	446	699	Prod + Arbuc	3,322	T	S Gas	10/37	28	---	13,333	11,834	255,130	85,284	2,786,550	
1062	1	0	0	0	Irreg.	---	---	Prod + Arbuc	3,219	U	S Gas	10/35	36	---	6,810	4,345	109,928	12,752	456,248	
1063	1	0	0	0	Irreg.	963	116	Prod + Arbuc	3,177	U	S Gas	2/21	38	---	3,981	1,148	42,572	39,777	427,558	
1064	11	0	0	0	Irreg.	288	168	Prod + Dakota	600	U	S Gas	2/3	40	---	110,580	110,580	644,965	511,514	4,002,398	*7589
1065	1	0	0	0	Irreg.	0	613	Prod + Dakota	1,200	U	S Gas	2/1	39	6	7,393	7,393	223,633	60,778	1,364,240	
1066	3	0	0	0	Irreg.	290	92	Prod	---	U	S Gas	1/5	43	---	35,062	35,062	133,696	73,810	411,144	
1067	1	---	0	0	Irreg.	Vac.	13	Prod	---	U	S Gas	1/32	39	---	11,326	11,326	24,022	123,200	445,804	*3537
1068	3	0	0	0	Irreg.	700	228	Prod + Dakota*	400	M	S Gas	---	37	---	13,558	10,500	248,831	107,625	1,654,831	*Cheyenne
1069	2	0	0	0	Irreg.	0	530	Prod + Arbuc	---	U	S Gas	4/1	43	?	20,036	20,036	193,450	165,794	1,039,420	
1070	11	0	0	0	Irreg.	1,000	222	Prod + Dakota	337	T	S Gas	18/10	37	?	126,899	126,899	890,472	468,391	3,481,237	
1071	2	1	0	0	Irreg.	900	66	Prod + Dakota	450	T	S Gas	2/3	40	---	20,450	15,100	48,511	66,934	1,025,532	
1072	1	0	0	0	Irreg.	190	350	Prod + Arbuc	3,200	U	S Gas	1/3	39	?	279	279	10,646	279	10,646	
1073	1	0	0	0	Irreg.	190	283	Prod + Arbuc	3,200	U	S Gas	1/3	39	?	14	14	8,351	14	8,351	
1074	2	0	0	3	Peri.	Grav.	235	Prod + 300' Sand	250	T	Grav	6/12	35	---	751	751	36,178	5,603	168,417	*Lease abnd 5-31-67
1075	0	0	0	0	Peri.	0	220	Surface Pond Water	---	F	S Gas	9/20	35	?	6,855	1,000	80,000	2,000	340,000	
1076	1	---	---	---	Irreg.	Vac.	500	Prod	---	U	Comb.	---	38	---	25,550	9,000	584,000	13,000	756,500	
1077	1	0	0	0	Irreg.	0	172	Prod + Purchased	---	M	Wat	36/64	34	---	4,745	0	25,800	0	25,800	
1078	1	0	0	0	Irreg.	0	135	Prod	---	U	Wat	40/60	35	---	5,475	5,475	49,275	13,072	252,760	
1079	1	0	0	0	Irreg.	Vac.	552	Prod	---	U	Wat	30/70	35	---	26,460	24,790	201,394	84,624	1,020,988	
1080	6	0	0	0	Irreg.	Vac.	350	Prod + McPherson Sd	200	M	S Gas	---	38	7	14,462	14,462	627,490	361,000	6,760,000	*8924; 6896
1081	1	1	0	0	Irreg.	0	120	Prod	---	T	S Gas	?	35	?	4,633	3,500	30,000	23,000	611,000	

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.	
SEDGWICK COUNTY																
1082	Gladys	Kewanee Oil Company	(W)East Gladys	8325	Blood, Parton, Tucker	29-28-1E	230	0	Miss	3,200	25	9	5	0	0	1961
1083	Gladys	Kewanee Oil Company	(W)Gladys	8324		29,20,21,32-28-1E; 25,36-28-1W 32-28-1E	1,611	0	Miss	3,200	44	74	35	0	0	1961
1084	Gladys	Kewanee Oil Company	(W)Wards 4th Addition	8326	Wards 4th Addition		46	0	Miss	3,200	30	1	1	0	0	1961
1085	Goodrich	Cities Service Oil Co.	(W)Goodrich	13037	Goodrich Unit	16-25-1E	92	0	KC	2,730	10	5	1	0	1	1966
1086	Robbins	Morgenstern Oil Operations	(P)Robbins Field	3867	Cook, Heath, Nolan, Yaw	20-28-1E	190	0	Miss Chat	3,080	40	5	1	0	0	1947
1087	Robbins	Sooner Pipe & Supply Corporation	(P)Henry Robbins W.F.P. #2	1064		20-28-1E	80	?	Miss	3,100	20	4	0	0	0	1945
1088	Robbins	Stelbar Oil Corp., Inc.	(W)Robbins Wfd	4626	Brookings, Nolan	16,21-28-1E	320	160	Miss	3,140	30	6	0	0	1	1954
1089	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
SHERIDAN COUNTY																
1090	Adell	Cities Service Oil Co.	(W)Adell L-KC Unit	9881	Adell Unit	7,18-6-26W;12, 13-6-27W	190	0	Lans-KC	3,530	12	9	0	0	0	1963
1091	Adell	Continental Oil Company	(W)Adell L-KC Wfd	8906	A.M. Bouts, B.H. Boutz & W.C. Carlton, A.M. Bouts "A" & C. Cramer, W.C. Carlton, C. Cramer "A", W.R. Foster, J.E. Leonard	1,2,3,11,12-6-27W	584	0	Lans-KC	3,500	23	22	12	1	0	1962
1092	George	M.J. Bove Operating Co.	(-)Richards	10486	Richards	17-9-26W	160	0	Lans-KC	3,850	200	1	1	0	0	1963
1093	Hortonville	Nat. Coop. Ref. Assn.	(W)Hardesty	10188	Hardesty	20-6-26W	40	0	Lans	3,744	94	1	0	0	0	1963
1094	Studley	M.J. Bove Operating Co.	(W)Pratt	6322	Pratt	22,23-8-26W	640	0	Lans-KC	3,740	20	2	0	0	0	1958
STAFFORD COUNTY																
1095	Brenn	Sterling Drilling Company	(P)Gray	10008	Gray	18-23-13W	160	140	Lans-KC	3,620	16	0	0	0	0	1963
1096	Centerview	Alco Oil & Gas Corporation	(P)E. Toland & O. Toland Repressur- ing Project	12237	E. Toland, O. Toland	28-24-13W	120	0	Lans-KC	3,590	20	4	0	0	0	1966
1097	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
1098	Chase-Silica	L.K. Parrish	(D)Spacil	9481	Spacil	4-21-12W	30	50	Arbuc	3,321	10	2	0	0	0	1962
1099	Crissman	Sinclair Oil & Gas Co.	(W)Crissman Pool	13792 12539	Beaver, Ward Beaver, George Walls, Welsh-Beaver Unit, Robigney Welsh	9,15,16-23-14W	60	0	Simpson	3,950	8	1	0	1	0	1966
1100	Curtis	Nat. Coop. Ref. Assn.	(W)Curtis "A-B"	9499	Curtis "A"	6-22-13W	10	30	Lans	3,406	140	2	1	---	1	1962
1101	Dell	Colorado Oil Company	(P)Parish	9547	Parish	6-21-13W	20	0	Lans-KC	3,330	200	1	0	0	0	1962
1102	Gates	Atlantic Richfield Co.	(-)Gates	12284	Gates	27-21-13W	80	0	Lans-KC	3,350	130	4	0	0	0	1966
1103	Gates	E.K. Edmiston	(W)Sittner	6844	Drach, Sittner	11-22-13W	320	0	Lans-KC	3,700	?	4	0	0	0	1959
1104	Gates	Mobil Oil Corporation	(W)Mattie Gate "B"	6782	Mattie Gates "B"	35-21-13W	70	---	Lans-KC	3,340	6	6	0	0	0	1965
1105	Gates	Okmar Oil Company	(W)Fischer-Weisz- brod Wfd	13744	Fischer Est., Ewizsbrod	36-21-13W;1-22-13W	50	0	Lans-KC	3,300	5	0	0	0	0	1967
1106	Grunder	Helmerich & Payne, Inc.	(P)Reese	12964	Reese	1-25-15W	10	0	Miss	4,194	12	0	0	0	0	1966
1107	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
1108	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
1109	Hickman	Petroleum, Inc.	(W)Hickman Unit	12231	Leeper #1 & #2, Smith "A" #1, #2 & #3	34-21-14W	160	---	Lans-KC	3,405	9	4	0	0	0	1966
1110	Jordan	Cities Service Oil Co.	(W)Jordan	10626 5070	Jordan, Neeland "A" & "B", Stimatze	15,16-25-14W	108	0	Lans-KC	3,630	250	7	0	0	0	1956
1111	Kipp	Skelly Oil Company	(P)Kipp Reppure System	1419	Kipp "C", Kipp "E", Kipp "F"	22,26-25-14W	160	40	Lans-KC	3,836	73	2	---	0	2	1946
1112	Koelsch	Morgenstern Oil Operations	(W)Koelsch Wfd	7990	Koelsch	24-24-14W	240	0	Lans-KC	3,760	120	5	0	0	1	1961
1113	Leesburg	Continental Oil Company	(W)Leesburg North Unit Wfd	11122	M.N. Fair, S. M. McCune, P. Mather, E.C. Saunders	12-25-13W	386	0	Lans-KC + Simpson	3,710 4,070	83 13	7	0	0	0	1964
1114	Leesburg	Continental Oil Company	(W)Leesburg South Unit Wfd	11123	George Russell, Maggie Russell, Marion Russell	13-25-13W	246	0	Lans + Simpson	3,708 4,064	84 12	6	0	0	0	1964
1115	Leiss Southwest	Rock Island Oil & Refining Co., Inc.	(W)Fisher-Harrison Wfd	12999	Fisher, Harrison	26-25-13W	40	0	Simpson	4,237	26	1	0	0	0	1966
1116	Lincoln	Petroleum, Inc.	(W)Lincoln	9804	Lincoln	29-21-14W	160	---	Lans-KC	3,420	230	3	0	0	2	1958
1117	McCandless	Cities Service Oil Co.	(W)Goodman	12796	Goodman	30-25-13W	20	0	Lans-KC	3,948	14	1	0	0	0	1966
1118	Max	Pan American Pet. Corp.	(W)F. Hitz "B"	9930	F. Hitz "B"	2-22-12W	80	0	Lans	3,250	5	1	0	0	0	1963
1119	Merle	W.R. Gross	(P)Williams Wfd	8551	Kuske, Williams	31,32-23-13W	220	0	KC	3,672	12	5	0	0	0	?
1120	Mueller	Kaiser-Francis	(D)Batman "B"	6062	Batman "B"	13-21-13W	80	40	Arbuc	3,570	---	3	0	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 1967			To End of 1967		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,	
1082	6	0	0	0	Peri.	1,573	360	Gravel	50	F	S Gas	19/3	42	?	119,728	119,728	788,911	602,387	3,380,247	
1083	57	3	0	0	Peri.	1,650	395	Gravel	50	F	S Gas	1/1	42	?	688,567	688,567	8,223,074	4,337,836	60,254,319	
1084	2	0	0	0	Peri.	1,665	497	Gravel	50	F	S Gas	31/7	42	?	1,032	1,032	362,683	46,650	3,436,103	
1085	5	0	0	0	Peri.	1,030	154	Prod	---	U	S Gas	18/9	33	?	26,877	26,877	281,158	28,600	287,814	
1086	3	3	0	0	Irreg.	400	650	Prod	---	T	S Gas	?	44	---	25,899	25,899	711,750	563,286	3,578,250	*3269; 3001; 2641; 1704
1087	2	2	0	0	Irreg.	1,000	2,200	Prod	---	T	Wat	1/24	40	?	4,454	4,454	792,000	171,500	5,089,700	
1088	4	1	0	1	Irreg.	---	---	Prod + Shallow	20	T	S Gas	---	43	---	46,500	46,500	350,000	1,044,039	3,674,000	*4183; 2055
1089	2	0	0	0	Irreg.	300	175	Prod + Fresh	20	M	Grav	1/15	36	---	6,001	325	91,595	625	298,294	
1090	3	0	0	0	Irreg.	539	446	Prod + Cedar Hills	1,900	T	S Gas	20/20	38	?	28,573	28,573	488,388	158,608	2,029,163	
1091	10	1	0	0	Peri.	300	718	Cedar Hills	1,875	U	S Gas	?	39	---	159,625	153,707	2,619,212	866,582	10,200,954	
1092	1	1	0	0	Irreg.	0	200	Prod	---	U	S Gas	80/20	33	?	1,968	1,968	73,000	7,111	179,622	
1093	1	0	0	0	Irreg.	0	31	Prod	---	U	S Gas	4/1	36	---	4,590	2,641	11,244	12,528	41,129	
1094	1	0	0	0	Irreg.	800	900	Prod + Cedar Hills	1,607	U	S Gas	90/10	39	?	15,357	11,707	328,500	22,137	664,300	
1095	2	0	0	0	Irreg.	1,500	250	Prod + Shallow Gravel	47	M	Gas Exp	---	31	---	4,174	4,174	91,250	14,668	328,326	
1096	2	0	0	0	Irreg.	Vac.	92	Ground Water	30	F	S Gas	17/20	27	25	15,038	11,500	70,890	13,500	130,856	
1097	1	0	0	0	Irreg.	0	35	Prod + Lans-KC	3,692	U	Wat	?	25	?	2,760	2,125	12,610	4,760	43,390	
1098	1	0	0	0	Irreg.	0	200	Prod	---	U	Grav	1/9	37	?	15,550	5,000	41,000	15,000	511,000	
1099	1	1	1	0	Irreg.	900	1,316	Tertiary Sand	60	F	S Gas	14/0	33	---	14,457	12,281	479,512	12,401	710,715	
1100	1	0	0	0	Irreg.	282	255	Prod	---	U	S Gas	50/60	30	---	2,222	2,222	93,106	4,186	1,264,724	
1101	1	0	0	0	Irreg.	0	52	Prod	---	U	S Gas	5/15	29	---	3,054	3,054	19,107	10,979	60,820	
1102	1	0	0	0	Irreg.	Vac.	439	Prod + Arbuc	3,660	U	S Gas	1/24	38	?	12,121	0	160,300	0	160,300	
1103	1	0	0	0	Irreg.	0	?	Prod	---	U	?	?	20	?	4,693	0	?	0	?	
1104	3	0	0	0	Peri.	---	---	Prod	---	T	S Gas	---	29	25	5,269	5,269	50,100	11,000	133,100	
1105	1	0	0	0	Peri.	1,550	120	Arbuc	3,670	U	S Gas	28/58	34	---	5,960	0	860	0	860	
1106	1	0	0	0	Irreg.	Vac.	17	Prod	---	U	S Gas	8/15	36	?	2,292	0	6,354	0	8,167	
1107	1	0	0	0	Irreg.	2	117	Prod	---	U	S Gas	10/92	29	---	10,346	7,426	42,859	9,348	58,648	
1108	1	0	0	0	Irreg.	0	85	Prod	---	U	Gas Exp	43/57	29	---	28,105	0	31,025	0	123,520	
1109	1	0	0	0	Irreg.	474	301	Prod + Quaternary Sands	73	F	S Gas	50/9	32	---	6,691	6,691	110,037	11,000	216,021	
1110	2	0	0	0	Peri.	35	453	Prod + Water Sand	80	F	S Gas	15/21	33	?	28,715	28,715	330,279	289,697	2,368,475	
1111	1	0	0	0	Irreg.	Vac.	121	Prod	---	U	S Gas	?	35	?	7,941	7,941	25,370	126,097	959,552	
1112	1	0	0	1	Irreg.	100	400	Fresh Water	40	F	Gas Exp	?	32	---	12,850	9,650	146,000	22,816	685,000	
1113	4	0	0	0	Peri.	1,300	347	Water Sand	91	F	S Gas	?	34	---	121,329	101,221	506,484	221,633	1,811,657	
1114	3	0	0	0	Peri.	1,600	259	Water Sand	99	F	S Gas	?	34	---	22,170	14,598	283,726	69,651	1,183,828	
1115	1	0	0	0	Irreg.	1,300	142	Surface Aquifer Beds	24	F	S Gas	---	37	---	4,819	0	43,113	0	57,613	
1116	1	0	0	0	Line	180	158	Prod + Meade	13	M	S Gas	3/2	32	---	3,830	3,830	52,487	112,039	803,579	
1117	1	0	0	0	Irreg.	0	66	Prod	---	U	S Gas	10/50	39	?	1,000	1,000	24,043	2,023	34,424	
1118	1	0	0	0	Irreg.	0	37	Prod	---	U	S Gas	10/26	29	---	1,319	1,319	13,674	9,518	73,096	
1119	2	0	0	0	Peri.	1,400	550	Prod + Fresh	---	M	Grav	?	35	?	22,414	22,414	182,772	86,670	1,267,184	*8062
1120	1	0	0	0	Irreg.	Grav.	60	Prod	---	U	Gas Exp	---	---	---	9,031	1,700	21,900	3,700	91,900	

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.	
STAFFORD COUNTY																
1121	Mueller	R.H. Siegfried, Inc.	(P)J. Welsh "A"	6117	J. Welsh "A"	18-21-12W	30	0	Arbuc	2,570	14	3	0	0	0	1958
1122	Omlor	Sunray DX Oil Company	(W)Omlor-Bushnell L-KC Unit	13180	Bushnell, Omlor	10,11-22-14W	25	0	Lans-KC	3,556	15	2	0	0	0	1967
1123	Oscar South	Petroleum, Inc.	(*)Oscar South	5948	Smith "J"	26-22-14W	80	---	Lans-KC	3,456	225	1	0	0	0	1957
1124	Oscar West	Cities Service Oil Co.	(W)Oscar West Unit	6336	Oscar West Unit	15,16,21,22-22-14W	446	0	Lans-KC	3,600	7	10	0	0	0	1958
1125	Pleasant Grove	John S. Martin	(D)Spangenberg Unit	6910		26-22-12W	20	10	Lans-KC	3,470	15	2	0	0	0	1959
1126	Praeger	Gulf Oil Corporation	(D)Lynn Reese*	12953	Lynn Reese	1-25-15W	160	0	Arbuc	4,396	---	1	0	0	0	1966
1127	Pundsack	Cities Service Oil Co.	(W)Pundsack Unit	13372	Pundsack Unit	19,20,29-21-13W	118	0	Lans-KC	3,270	27	12	0	0	0	1967
1128	Pundsack	Skelly Oil Company	(W)Herman Schulz	8006	Herman Schulz	19-21-13W	60	0	Lans	3,502	12	1	2	0	0	1960
1129	Rattlesnake Southeast	White Hawk Oil Company	(D)McConaughay	8232	Harrison	13-24-14W	60	0	Lans-KC	3,700	10	2	0	0	0	1961
1130	Rattlesnake West	Petroleum Management, Inc.	(W)Koelsch "B"	13409	Koelsch "B"	11-24-14W	0	0	Lans-KC	3,638	250	0	0	0	0	1967
1131	Richardson	C & S Well Servicing Co.	(P)Aiken	13751	Aiken	20-22-11W	40	40	KC	3,290	70	1	0	0	0	1967
1132	Richardson	Pan American Pet. Corp.	(*)Richardson Pilot	10605	V. Komarek	30-22-11W	580	0	Arbuc	3,525	23	4	0	0	0	1963
1133	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
1134	Sand Hills	Jay Bergman Oil Company	(W)Mellies	12920		31-21-11W;36-21-12W	40	0	Simpson	3,504	4	1	1	0	0	1966
1135	Seevers Northwest	Alco Oil & Gas Corporation	(P)Sanders	13617	Sanders	1-25-14W	160	0	Miss + L-KC	4,006*	16†	4	1	0	0	1967
1136	Seevers Northwest	Dunne-Gardner Pet., Inc.	(W)Bowker	13406	Bowker	36-24-14W	60	0	Miss	4,030	20	2	0	0	0	1967
1137	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
1138	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	6	0	0	0	1965
1139	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
1140	Slade South	Petroleum Management, Inc.	(W)Slade-Hartsell	10999	Hartsell, Slade	34,35-25-12W	160	0	Viola	4,064	27	3	1	0	0	1964
1141	Smallwood	Sunray DX Oil Company	(W)Smallwood Unit	11857	Adams "G", Keenan, Strobel	2,11-22-14W	80	0	Lans	3,550	6	4	0	0	0	1957
1142	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
1143	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
SUMNER COUNTY																
1144	Anson Southeast	Beardmore Drilling Co.	(P)Anson East Unit	11093	Anson East Unit	6,7,18-31-1W	220	60	Miss	3,750	10	8	0	0	2	1964
1145	Anson Southeast	Beardmore Drilling Co.	(P)Anson South Unit	11012	Anson South Unit	18,19-31-1W	60	20	Miss	3,750	7	3	0	0	0	1964
1146	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
1147	Bellman	Sunray DX Oil Company	(-)Cox	4174	Cox	15-30-1E	260	0	Simpson	3,796	6	2	0	0	2	1955
1148	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
1149	Conway Springs	Texaco, Inc.	(P)Conway Springs	12381		5,8-31-3W	517	0	Simpson	4,352	15	8	0	0	0	---
1150	Fall Creek	Texaco, Inc.	(W)Fall Creek Unit	5262		3,4,9,10-35-3W	510	---	Simpson	4,750	26	2	---	0	0	1956
1151	Interchange	Lario Oil & Gas Company	(P)Ashton & Lynch	10738	Ashton, Lynch	18,19-32-1E	480	0	Simpson	---	---	3	0	0	0	1964
1152	Kerschen	Conroy, Inc.	(W)Kerschen Unit	11426	Andra, Grabendike, Kerschen, May	7,17,18-31-3W	400	0	Lans-KC	3,300	10	13	0	0	0	1965
1153	Murphy	Albert Brauer	(W)Crescent Unit	10223		11,12,13,14-35-2E	542	100	Bartl	3,475	21	6	18	0	1	1963
1154	Murphy	CRA, Inc.	(W)Vernon North Unit	7744	Callender, Callender "B", Kemp, McClaky, Waggoner	8,9,16,17-35-2E	288	0	Miss Dol	3,392	11	7	2	0	1	1961
1155	Murphy	McNeish Oil Operations	(W)North Vernon	10479	Buffington, Herrick, Kuchler	10,11,15-35-2E	400	0	Bartl	3,400	18	12	0	0	0	1964
1156	Murphy	Morris Sitrin, Inc.	(P)Hilltop Field & Airport Lease	8333*	Baird, Hansen, Higbee, Parker, Wunderlich	25,26,35,36-34-2E	480	200	Bartl	3,485	16	17	3	0	8	1962
1157	O'Hara	Stelbar Oil Corp., Inc.	(W)O'Hara	9106	O'Hara, Rians	18-32-1W;13-32-2W	240	---	KC	3,250	10	6	1	0	0	1961
1158	Padgett	Stelbar Oil Corp., Inc.	(W)Norrish	9209	Norrish, Spence	27-34-2E	120	0	Miss Chert	3,450	30	4	0	0	0	1966
1159	Padgett	Stelbar Oil Corp., Inc.	(-)Post	10688	Post	34-34-2E	80	0	Miss Chert	3,450	30	3	0	0	0	1965
1160	Padgett	Sterling Drilling Co.	(D)Thiessen	4601	Thiessen	22-34-2E	70	0	Miss	3,458	30	0	0	0	0	1963
1161	Rutter Southwest	Lario Oil & Gas Company	(P)King	12773	King	29-33-2E	160	0	Simpson	---	---	1	0	0	0	1964
1162	Seydell	Sam P. Wallingford, Inc.	(W)Seydell	11612	Seydell	17-30-1E	100	60	Simpson	3,800	13	5	0	0	0	1964
1163	Wellington	CRA, Inc.	(W)Wellington Unit	3396	Barlow, Barlow "A", "B", Beam, Caples, Carr, Cole, Curtis, Deturk, Deturk "A", Erker, Frankum, Frankum "A", Gaskill, Hennigh, Kamas, 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	71	5	0	5	1953

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 1967			To End of 1967		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,	
1121	1	0	0	0	Irreg.	0	125	Prod	---	U	Wat	3/1	39	?	12,451	6,225	45,625	50,522	555,040	
1122	1	0	0	0	Irreg.	1,450	229	Prod	---	U	S Gas	27/1	35	?	9,288	9,288	68,753	9,288	68,753	
1123	1	0	0	0	Irreg.	0	3	Prod + Lans-KC	3,456	T	S Gas	49/30	32	---	2,329	0	1,019	48,735	39,010	*Disposal
1124	8	0	0	0	Peri.	913	289	Prod + Dakota	330	M	S Gas	45/11	33	?	127,952	127,952	842,655	1,124,019	5,136,026	
1125	2	1	0	0	Irreg.	Grav.	180	Prod + Fresh	40	F	S Gas	90/10	32	---	4,122	4,122	64,800	69,976	430,000	
1126	1	0	0	0	Irreg.	Vac.	151	Prod + Miss	4,192	U	S Gas	?	---	---	1,047	0	24,135	0	37,985	*Lease sold 10-1-67
1127	6	0	0	0	Peri.	169	334	Shallow Sand	88	F	S Gas	44/67	30	?	1,574	1,574	250,402	1,574	250,402	
1128	0	1	0	0	Irreg.	0	0	Gravel Bed	72	F	S Gas	23/38	30	?	278	278	0	41,236	579,572	
1129	1	0	0	0	Irreg.	0	68	Prod	---	U	Wat	?	28	?	3,219	2,382	24,670	17,631	151,445	
1130	1	0	0	0	Irreg.	0	75	Prod	---	U	S Gas	1/2	36	---	2,277	0	18,400	0	18,400	
1131	1	0	0	0	Line	600	30	Prod	---	U	Wat	95/5	39	---	5,045	463	3,840	463	3,840	
1132	1	0	0	0	5-spot	0	2,000	Prod	---	U	Wat	---	41	---	52,400	0	730,000	?	3,435,931	†Air-Water Pilot;
1133	1	0	0	0	Peri.	1,400	450	Prod + Fresh	45	M	S Gas	80/20	30	---	4,263	2,140	170,346	11,328	526,654	†20,132mcf
1134	1	0	0	0	Irreg.	175	30	Prod + Sanborn	200	M	S Gas	10/0	42	---	6,300	2,000	4,500	25,500	18,500	
1135	1	0	0	0	Irreg.	Vac.	100	Prod + Ground	30	F	S Gas	56/79	28	25	18,014	1,000	20,309	1,000	20,309	*3664; †21
1136	1	0	0	0	Irreg.	0	315	Prod + Pleistocene	80	M	S Gas	16/2	35	?	3,671	0	81,669	0	81,669	
1137	1	0	0	0	Irreg.	0	170	Prod	---	U	Gas Exp	60/40	38	---	4,860	0	62,700	0	66,900	
1138	1	0	0	0	Line	700	437	Prod + Quaternary Sands	73	F	S Gas	143/1	30	---	13,437	13,437	170,638	19,285	202,305	
1139	1	0	0	0	Line	618	334	Prod	---	M	S Gas	1/3	31	---	1,734	1,734	69,581	1,734	69,581	
1140	1	0	0	0	Irreg.	350	223	Prod	---	T	S Gas	1/2	38	---	7,009	0	38,500	0	291,300	
1141	3	0	0	0	Irreg.	0	338	Prod + Fresh	70	M	S Gas	47/10	34	?	23,309	23,309	369,894	65,441	729,940	
1142	1	0	0	0	Irreg.	0	37	Prod + Topeka	3,140	U	Wat	?	31	?	8,328	4,331	13,670	10,831	87,640	
1143	1	0	0	0	Irreg.	Vac.	45	Prod	---	U	Grav	13/22	44	10	4,061	0	8,335	0	8,335	
1144	1	0	0	0	Peri.	280	613	Wellington	50	F	S Gas	?	41	?	96,656	35,776	223,827	80,776	922,449	
1145	2	0	0	0	Peri.	430	764	Prod + Wellington	50	M	Wat*	?	41	?	19,295	13,386	279,090	46,386	1,028,449	*S Gas
1146	1	0	0	0	Irreg.	Grav.	657	Prod + Layton*	2,863 [†]	T	S Gas	19/75	40	?	11,952	0	240,000	0	362,000	*Arbuc; †3764
1147	1	0	0	0	Irreg.	Grav.	65	Prod	---	U	S Gas	1/4	49	1.1	4,078	4,078	23,549	205,240	315,053	
1148	2	2	0	0	Irreg.	0	1,800	Prod + Arbuc + Hoover	2,444 1,683	U	Wat	?	35	---	11,427	5,713	658,000	192,956	8,388,000	
1149	2	0	0	0	Peri.	---	0	---	---	U	Wat	29/16	44	1	301,115	0	0	---	---	
1150	2	4	0	0	Peri.	500	149	Prod + Stalnaker	---	U	Wat	1/6	46	---	23,308	---	543,689	---	7,537,840	
1151	1	0	0	0	Irreg.	Grav.	33	Prod	---	T	S Gas*	11/2	43	?	58,772	?	11,012	?	35,672	*Wat
1152	4	0	0	0	Peri.	1,000	250	Prod + Alluvial Sands	40	M	S Gas	1/0	34	---	50,403	26,191	480,013	26,191	844,405	
1153	19	1	0	1	Peri.	400	300	Prod + Layton*	2,400 [†]	T	---	---	41	---	42,307	42,307	2,558,090	150,247	9,007,910	*Stalnaker; †2750
1154	4	0	0	0	Peri.	123	317	Prod + Stalnaker	2,293	T	S Gas	13/50	41	?	24,982	24,677	512,295	74,750	2,150,038	
1155	6	0	0	0	Peri.	274	2,790	Prod + Stalnaker [†]	2,200 [†]	U	S Gas	---	40	---	12,891	12,891	1,017,780	63,139	3,331,710	*Layton; †2800
1156	30	3	0	8	5-spot	---	218	Prod + Layton	2,870	F	Grav	---	40	---	65,194	65,194	2,387,638	885,698	19,116,806	*5315
1157	4	0	0	0	Peri.	700	120	Prod + Stalnaker	2,750	T	S Gas	---	38	---	19,741	19,741	150,000	155,374	1,095,185	
1158	2	0	0	0	Line	0	200	Prod	---	U	Wat*	---	37	---	11,681	1,194	71,590	1,194	81,000	*S Gas
1159	1	0	0	0	Irreg.	0	200	Prod + Stalnaker	2,350	U	Wat*	---	37	---	4,551	1,195	60,000	1,195	107,481	*S Gas
1160	1	0	0	0	Irreg.	Vac.	45	Prod	---	T	S Gas	---	40	---	1,863	0	16,425	0	74,675	
1161	2	0	0	0	Peri.	0	?	Arbuc	---	U	S Gas	31/0	38	?	19,368	9,296	?	13,927	?	
1162	2	0	0	0	Irreg.	340	310	Prod + Fresh	26	M	S Gas*	1/0	48	?	18,150	18,150	226,248	98,939	667,434	*Grav
1163	49	3	0	7	Irreg.	99	474	Prod + Topeka + Stalnaker	1,950 2,650	U	S Gas	98/1	45	?	503,602	503,602	7,994,409	6,542,588	59,316,486	

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.
SUMNER Cont.																
1164	Wellington Northeast	Aladdin Petroleum Corp.	(P)Miller	11041	Miller	23-31-1W	160	0	Miss	3,640	18	3	0	0	0	1957
1165	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
TREGO COUNTY																
1166	Groff	John O. Farmer, Inc.	(P)Holtsinger	10154	Holtsinger	35-14-21W	80	---	Penn Sd	3,844	6	6	0	---	---	1963
1167	Mong	W.E. Wickizer	(D)Mong "B"	11229	Mong "B"	24,25-11-23W	320	---	KC	3,616	5	1	0	0	0	?
1168	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
1169	Newcomer	Cities Service Oil Co.	(W)Newcomer Co-op Wfd	10092	Hixson "E", Newcomer "A", "B" & Morgan	12,13-12-23W	640	0	Lans-KC	3,677	8	6	1	0	1	1960
1170	Newcomer	Phillips Petroleum Co.	(W)Rasek "A"	8278	Rasek "A"	12-12-23W	60	?	Lans-KC	3,700	35	2	0	0	0	1962
1171	Rhoden	Cities Service Oil Co.	(W)Rhoden Wfd	9041	Rhoden "A"	24-12-23W	160	0	Lans-KC	3,684	10	1	0	0	0	1959
1172	Wakeeney	Okmar Oil Company	(W)Kraus-Lemke Wfd	6045	Kraus, Lemke	15-11-23W	120	0	Lans-KC	3,500	5	2	0	0	0	1958
WABAUNSEE COUNTY																
1173	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
WILSON COUNTY																
1174		Murco	(W)Uhren Flood	11377	Fail, Uhren	16-28-17E	200	0	Bartl	975	22	11	2	1	0	1964
1175	Altoona	APCO Oil Corporation	(W)Wiggans Flood	5749	Eklund-Friedline "A", "B" & "C", Hulteen-Larson-Reece "A" & "B", Randles-Wiggans	8,17,22-28-17E	600	0	Bartl	1,000	30	88	28	0	0	1959
1176	Altoona	Davis & Bel Construction Company	(P)Folger	12954	Folger	36-28-16E	40	0	Squirrel	690	5	3	0	0	0	1966
1177	Altoona	Virgil Gamble	(P)Post-Watson	5729	Post	34-28-16E	30	0	Squirrel	672	12	5	0	0	0	1957
1178	Altoona East	Standard Metals Corp.	(W)Thayer Project	10968	Commons, George, Johnson-Norris, McDonald, Ben Martin, J. Martin, Woods, Frank Young Est. Umbarger	9,10,16,17,20-29-17E	324	80	Bartl	815	18	39	47	0	13	1954
1179	Benedict	C.F. Jones Oil Company	(W)Roberts	10348	Roberts, Scott #1	11-28-15E	135	0	Squirrel	940	15	10	15	0	1	1963
1180	Buffalo-Vilas	Baker Oil Company	(D)Milligan-Payne	12901	Milligan-Payne	14-27-15E	40	?	Bartl	899	7	7	6	0	0	1966
1181	Buffalo-Vilas	Bernhardt Oil Co.	(W)	9674	Carlson	11,12-27-16E	40	0	Bartl	1,000	20	4	3	0	0	1964
1182	Buffalo-Vilas	Johnson & Wood	(S)Roper Unit	11067	Burgart, Hull	34-27-15E	0	0	Bartl	1,000	35	0	0	0	0	1964
1183	Buffalo-Vilas	Miller Oil Co.	(D)Mattix	11983	Mattix	1-28-15E	80	0	Bartl	1,074	15	0	0	1	1	1965
1184	Buffalo-Vilas	Walter H. Walne, Jr.	(W)Fisher	9507	Larson, Nelson, Sutterfield, Union Central	13,24-27-16E	35	0	Bartl	1,000	10	6	0	0	0	1962
1185	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
1186	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
1187	Neodesha	Fred E. Wood & Associates	(W)Neodesha Unit #1	9937	Borceaus, 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), Wolfe (West)	20,21,28,29,32,33-30-16E	350	0	Neodesha	800	15	79	0	0	0	1961
1188	Neodesha	Fred E. Wood & Associates	(W)Neodesha Unit #II	12549 9559	Bailey Fee #1, Cline, Davis, Forbes, Gwartney, Horwitz, Kammerer V., Kammerer Williams, McCullough, Morris, Moulton, Porter, Ramey, Sinclair, York	1,12-30-15E;5,6,7,8-30-16E	90	0	Neodesha	950	20	7	1	0	0	1963
1189	Neodesha	Fred E. Wood & Associates	(W)Neodesha Unit #III	10231	Barnes A	21-30-16E	12	0	Neodesha	750	12	3	0	0	0	1964
1190	Neodesha	Fred E. Wood & Associates	(W)Neodesha Unit IV	10232	Kimball Dunn	19-30-16E	15	0	Neodesha	850	15	15	0	0	0	1963
1191	Neodesha East	Midwestern Oil Co., Inc.	(P)Crawford	5298	Dickens, Swallow	15-30-17E	80	---	Bartl	887	9	2	---	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 1967			To End of 1967		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,		
1164	2	0	0	0	Irreg.	120	85	Prod		---	U	Wat	---	40	---	6,923	6,923	185,453	308,995	1,651,685	
1165	2	0	0	0	Irreg.	500	344	Prod + Shallow Sd	50	M	S Gas	19/15	42	?	6,721	6,721	251,030	80,805	1,758,227		
1166	1	0	0	0	Irreg.	200	100	Prod	---	U	Grav	---	40	---	?	---	33,000	---	143,000		
1167	1	0	0	0	---	Vac.	50	Prod	---	U	S Gas	?	35	---	764	?	5,500	?	5,500		
1168	3	0	0	0	Irreg.	193	242	Prod	---	T	S Gas	?	36	?	10,383	10,383	264,909	24,474	943,180		
1169	2	0	1	0	Irreg.	112	154	Prod	---	T	S Gas	?	38	?	5,775	5,775	112,118	79,663	2,661,886		
1170	2	0	0	0	Irreg.	0	60	Prod	---	U	S Gas	2/11	39	6	3,121	3,121	43,843	76,349	178,305		
1171	1	0	0	0	---	800	0	Prod	---	U	S Gas	?	30	?	219	219	3,063	22,108	284,406	*Lease abnd March 1967	
1172	1	0	0	0	Irreg.	100	244	Prod	---	U	S Gas	---	40	---	4,639	2,300	89,190	?	?		
1173	1	0	0	0	Irreg.	0	339	Prod	---	T	Wat	2/23	23	?	4,377	0	123,620	0	123,620		
1174	4	2	1	1	Irreg.	300	22	Prod + Creek + Miss	1,120	M	?	---	29	26	6,971	6,971	22,790	46,360	51,163		
1175	43	11	0	0	5-spot	700	26	Prod + Miss	1,800	U	S Gas	?	28	?	41,817	41,817	410,789	759,087	3,675,379		
1176	1	0	0	0	Irreg.	425	43	Prod + Bartl	800	U	S Gas	90/10	28	?	3,290	750	15,690	---	28,540		
1177	1	0	0	0	3-spot	400	40	Prod	---	U	---	---	28	---	737	---	---	---	---		
1178	34	26	0	11	Irreg.	423	46	Prod + Miss	1,048	T	S Gas	?	30	?	20,329	20,329	570,581	357,887	7,809,049		
1179	6	0	0	0	5-spot	400	40	Prod + Miss	1,175	T	Gas Exp	1/0	32	?	4,000	3,200	87,600	---	350,000		
1180	1	0	0	0	Irreg.	?	?	Prod	---	U	Grav	---	33	?	3,735	?	?	?	?		
1181	3	0	0	0	Irreg.	600	40	Prod + Oswego	600	T	S Gas	?	29	?	1,861	1,861	18,100	?	?		
1182	3	0	0	0	---	0	0		---	F	Gas Exp*	10/1	21	330	679	0	0	?	4,000	*Grav	
1183	1	0	0	0	Irreg.	0	75	Prod	---	U	Grav	1/10	29	---	3,285	0	27,375	0	---		
1184	7	0	0	0	Line	600	68	Prod + Salt Sand	1,100	T	S Gas	---	30	?	9,300	9,300	148,138	51,328	937,086		
1185	9	1	0	0	Irreg.	620	1,250	Prod + Oswego	350	T	S Gas*	---	25	---	24,528	24,528	441,453	78,428	2,688,669	*Grav	
1186	2	0	0	0	Irreg.	580	72	Prod + Lime	400	M	S Gas	?	36	?	5,796	3,556	58,850	9,352	104,270		
1187	73	0	0	0	5-spot	600	43	Prod + Salt Sand + River + Shallow Gravels	900	F	S Gas	?	38	4	61,520	61,520	1,135,033	239,520	3,629,434		
1188	11	0	0	0	5-spot	400	55	Salt Sand	1,000	T	S Gas	?	38	4	8,837	8,837	219,719	26,626	842,638		
1189	6	6	0	0	5-spot	500	30		60	F	---	---	40	4	920	920	31,674	4,066	241,143		
1190	8	0	0	0	5-spot	600	54	River Gravel	60	F	S Gas	?	40	4	3,847	3,847	99,628	10,658	385,957		
1191	3	0	0	0	Irreg.	50	20	Prod + Miss	1,153	U	S Gas + Grav	?	27	?	987	?	5,810	?	?		

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	Inoctive	Drilled	Aband.	
WOODSON COUNTY																
1192	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	Bart1	1,250	60	24	11	0	0	1957
1193	Big Sandy & Silver City	Pauley Petroleum, Inc.	(W)Silver City Unit "A"	12198	Lauber, Lauber "A", Lauber "B", Steinforth	18,19-26-15E	11	0	Bart1	1,400	20	1	0	2	0	1965
1194	Humboldt-Chanute	J & C Enterprises, Inc.	(W)Moon-Pribbernow	9075	Bennett "A", Bennett "B", Moon, Orth, Pribbernow, Reno, Tebbens, Williams	20,21,27,28,29-25-17E	1,750	0	Squirrel	780	15	57	0	0	0	?
1195	Neosho Falls-LeRoy	C & C Oil Co.	(P)	11552	Tidd	30-23-17E	123	0	Squirrel	890	6	4	3	0	0	1966
1196	Neosho Falls-LeRoy	Leedy-Beaman	(-)Leedy Beaman Flood	13220	Entz, Leedy, Street	24,25-23-16E; 19,30-23-17E	25	0	Squirrel	917	12	2	0	1	0	1967
1197	Neosho Falls-LeRoy	C.H. Reser	(W)Russell George	12579	Russell George	30-23-17E	15	0	Squirrel	890	13	2	0	1	0	1966
1198	Quincy	Bird-Hanley & Sheedy	(W)Batesville	10634	Akins, Eades, Enloe, Klick, Lee, Mills "A", Mills "B", Murphy, Nordmeyer, A.W. Tipton, J.W. Tipton, Werner Klick, Mason	24-25-13E;19,20,28,29,30-25-14E	650	190	Bart1	1,450	30	42	14	0	0	1942
1199	Quincy	Petrol Equities Investment Co., Inc.	(W)Quincy	2449	Dennis Corkery, Myrtle Corkery	14,23-25-13E	40	100	Bart1	1,400	30	3	3	0	0	1961
1200	Quincy	H.J. Uhl & Grace L. Uhl	(-)Myrtle Corkery & Dennis Corkery	10770	Dennis Corkery, Myrtle Corkery	29-25-14E	?	0	Bart1	1,400	15	5	1	0	0	1964
1201	Silver City	Pauley Petroleum, Inc.	(W)Silver City Unit "B"	11604	Adams, Hill "A", Hill "C"	20,29-26-15E	11	0	Bart1	1,400	20	1	0	2	0	1967
1202	Vernon	The Dow Chemical Company	(W)South Vernon	12706	Long, Strahm	11-24-16E	75	0	Squirrel	990	17	18	1	0	0	1966
1203	Vernon	The Dow Chemical Company	(W)Vernon	6887	Alexander, Alexander A, Alexander B, Butler, Riley	35-23-16E;2-24-16E	160	0	Squirrel	990	17	46	2	0	0	1963
1204	Vernon	Erbert & Bain	(W)Erbert & Bain	13074	Keske, Roberts	34-23-16E	50	0	Squirrel	980	15	8	---	0	0	1964
1205	Vernon	Shira Drilling Contractors	(P)Ross	8951	Ross	27-23-16E	40	0	Squirrel	1,068	19	1	1	0	0	1961
1206	Vernon	Sturlong Oil Company	(W)	10670*	Keske, Long, Sturdivan	34-23-16E	60	0	Squirrel	1,020	14	11	1	0	0	1965
1207	Virgil North	Barnett Oil Company	(D)Bahr	7949	Bahr	23-23-13E	40	0	Viola	2,123	6	3	0	0	0	1960
1208	Virgil North	French Oil Co.	(P)F. Jones	8459	Jones	24-23-13E	50	0	Miss	1,700	3	5	0	0	0	1960
1209	Winterschied	Barbara Oil Company	(W)	12212	J.W. Maclaskey	29-23-14E	160	0	Miss	1,670	15	15	0	0	0	1944
1210	Winterschied	French Oil Co.	(P)Arnold	7898	Arnold	35-23-14E	40	0	Miss	1,700	5	4	0	0	0	1960
1211	Winterschied	French Oil Co.	(P)Dewey	416	Dewey	32-23-14E	100	0	Miss	1,600	6	7	0	0	0	1956
1212	Winterschied	French Oil Co.	(P)Headley	3902	Headley	29,32-23-14E	90	0	Miss	1,700	6	11	0	0	0	1955
1213	Winterschied	French Oil Co.	(P)Headley	5662	Headley	29-23-14E	70	0	Miss	1,700	6	6	1	0	0	1955
1214	Winterschied	French Oil Co.	(P)Knox	12189	Knox	24-24-13E	40	0	Miss	1,600	4	4	0	2	0	1965
1215	Winterschied	French Oil Co.	(P)Maclaskey	1056	Maclaskey	31-23-14E	40	0	Miss	1,700	4	4	0	0	0	1960
1216	Winterschied	French Oil Co.	(P)Quartet	6222	Quartet	21-23-14E	40	0	Miss	1,700	6	2	1	0	0	1955
1217	Winterschied	French Oil Co.	(P)Rhea	12149	Rhea	24-24-13E	120	0	Miss	1,650	6	6	0	0	0	1963
1218	Winterschied	French Oil Co.	(P)South Peek	5646	Peek	20-23-14E	100	0	Miss	1,700	6	8	0	0	0	1956
1219	Winterschied	French & Winterschied, Inc.	(P)Estes	1055	Estes	7-24-14E	40	20	Miss	1,700	6	5	0	0	0	1950
1220	Winterschied	French & Winterschied, Inc.	(P)W. Jones	6088	W. Jones	30-23-14E	70	10	Miss	1,700	6	4	0	2	0	1950
1221	Winterschied	French & Winterschied, Inc.	(P)Kimbell	6021	Kimbell	18-24-14E	60	10	Douglas	1,700	6	3	0	0	0	1955
1222	Winterschied	French & Winterschied, Inc.	(P)Emma Otto	5645	E. Otto	21-23-14E	20	---	Miss	1,700	4	2	0	0	0	1956
1223	Winterschied	French & Winterschied, Inc.	(P)Smith-Jobes	3893	Smith-Jobes	7-24-14E	40	20	Miss	1,700	6	5	0	0	0	1950
1224	Winterschied	French & Winterschied, Inc.	(P)Winterschied	3892	Winterschied	6-24-14E	60	20	Miss	1,700	5	6	1	0	0	1950
1225	Winterschied	J.L. Rosenberg	(D)Wolf	10894	Hemple	4-24-14E	320	0	Miss	1,680	6	5	0	0	0	1966
1226	Winterschied	Sinclair Oil & Gas Co.	(W)Winterschied Wfd	7103	Henry G. Collins, W.P. Headley "A", "B", J. W. Maclaskey	29,30,32-23-14E	560	0	Miss Chat	1,700	20	38	2	0	0	1960
1227	Winterschied	Union Oil Company of California	(W)W.P. Headley	10251	W.P. Headley	32,33-23-14E	440	0	Miss Do1	1,700	20	18	0	0	0	1963
1228	Winterschied	The Vannocker Oil Company	(P)Rich-Owens Unit	11700	Owens, Rich	24-23-14E	80	0	Miss	1,575	12	1	0	0	0	1964
1229	Winterschied	The Vannocker Oil Company	(W)Weide	13070*	Weide	31-23-15E;6-24-15E	80	20	Miss	1,550	15	4	0	0	0	1966
1230	Wissman	Haas Drilling Company	(D)Switzer Unit	8422	Switzer	3-24-15E	40	0	Miss	---	---	3	---	0	0	---
1231	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
1232	Yates Center	Jones & Campbell, Inc.	(D)Miller-Lauber	12766	Lauber, Miller	15-25-15E	5	0	Miss	1,500	8	1	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 1967			To End of 1967		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,	
1192	4	0	0	0	5-spot	0	82	Prod + Cherokee	1,100	T	Grav	3/1	21	?	31,126	24,901	108,103	341,570	890,621	
1193	6	0	4	0	5-spot	50	112	Prod + KC + Arbuc	694	T	S Gas	2/1	29	21	6,353	4,329	210,716	4,329	332,242	
1194	29	0	0	0	5-spot	500	228	Prod + KC	1,880 400	U	S Gas	---	27	?	22,829	22,829	394,784	124,451	1,547,694	
1195	1	0	0	0	Line	200	15	Prod + Douglas + KC	650	U	Wat*	10/1	25	---	2,600	800	5,400	1,900	10,500	*Gas Exp
1196	1	0	1	0	7-spot	50	3	Salt Water	105	U	Gas Exp + Grav	95/5	26	*	2,240	336	5,400	336	5,400	*25.1 @ 44°
1197	1	0	0	0	Line	Grav.	20	Prod	---	U	Grav	3/1	26	---	?	?	---	---	---	
1198	37	9	0	0	5-spot	390	77	Prod + KC	670	T	S Gas	1/0	38	?	48,528	48,528	1,039,176	2,942,601	24,429,159*	*870,900mcf
1199	6	0	0	0	Irreg.	700	78	Prod + Surface	---	M	S Gas	---	41	?	3,679	3,679	171,780	69,327	1,181,916	
1200	---	2	0	0	---	Grav.	35	Creek	---	-	Grav	20/80	42	60	5,113	?	20,000	---	0	
1201	6	0	3	0	5-spot	180	59	Prod + KC	694	T	S Gas	1/1	28	21	1,905	1,530	103,601	1,530	185,207	
1202	6	1	0	0	Line	313	47	KC	350	T	S Gas	37/63	26	*	2,299	2,299	94,241	3,643	152,104	*76 @ 75°
1203	34	2	0	0	Line	432	33	KC	350	T	S Gas	70/1	26	*	73,606	73,606	402,260	268,606	1,438,011	*76 @ 75°
1204	5	0	0	0	Irreg.	280	38	Prod + KC	460	U	S Gas	95/5	24	68	10,886	5,000	69,350	?	?	
1205	1	0	0	0	Irreg.	100	50	Miss	1,400	U	Gas Exp	3/50	27	---	1,027	0	18,250	0	109,250	
1206	12	0	0	0	Irreg.	180	35	Prod + KC	420	U	S Gas	40/60	24	72	24,490	24,490	123,825	24,300	337,307	*10663
1207	1	0	0	0	Irreg.	0	375	Prod	---	U	Wat	?	32	?	15,848	3,000	136,875	43,500	669,410	
1208	1	0	0	0	Irreg.	100	120	Prod	---	T	Wat	---	36	---	5,288	528	43,800	5,000	800,000	
1209	2	0	0	0	Irreg.	600	282	Prod	---	U	S Gas	16/10	39	?	37,000	30,900	205,700	152,500	1,067,700	
1210	1	0	0	0	Irreg.	60	25	Prod	---	T	S Gas	---	36	---	2,080	520	20,000	10,400	250,000	
1211	1	0	0	0	Irreg.	75	80	Prod	---	T	S Gas	---	37	---	6,546	1,632	29,200	32,640	100,000	
1212	1	0	0	0	Irreg.	75	150	Prod	---	T	S Gas	---	37	---	12,837	2,567	54,740	51,340	800,000	
1213	1	0	0	0	Irreg.	80	60	Prod	---	T	S Gas	---	37	---	7,452	1,863	21,900	40,000	260,000	
1214	1	0	0	0	Irreg.	70	30	Prod	---	T	S Gas	---	33	---	5,009	1,002	10,000	1,002	10,000	
1215	1	0	0	0	Irreg.	Vac.	80	Prod	---	T	S Gas	---	36	---	3,290	658	12,500	6,580	60,000	
1216	1	0	0	0	Irreg.	75	25	Prod	---	T	S Gas	---	36	---	?	---	---	?	---	
1217	1	0	0	0	Irreg.	100	75	Prod	---	T	S Gas	---	33	---	10,976	1,970	25,000	7,600	80,000	
1218	1	0	0	0	Irreg.	75	100	Prod	---	T	S Gas	---	37	---	10,454	2,613	36,000	52,260	720,000	
1219	1	0	0	0	Irreg.	125	100	Prod	---	T	S Gas	---	36	---	3,369	1,685	63,000	50,550	101,000	
1220	1	0	0	0	Irreg.	80	100	Prod	---	T	Wat	---	36	---	3,359	1,679	36,500	41,975	730,000	
1221	1	0	0	0	---	150	150	Prod	---	T	S Gas	---	35	---	2,251	0	---	0	---	
1222	1	0	0	0	Irreg.	25	40	Prod	---	T	Wat	---	35	---	748	748	14,000	14,960	235,000	
1223	1	0	0	0	Irreg.	90	90	Prod	---	T	S Gas	---	36	---	2,382	1,786	32,850	53,580	650,000	
1224	1	0	0	0	Irreg.	50	95	Prod	---	T	S Gas	---	36	---	2,346	1,173	33,000	35,100	600,000	
1225	1	0	0	0	Irreg.	0	100	Prod	---	T	Wat	10/90	38	?	---	---	100	0	?	
1226	18	2	0	0	5-spot	325	227	Prod + Douglas	700	U	S Gas + Wat	3/14	39	---	67,885	67,885	1,495,070	395,505	6,810,228	
1227	12	0	0	0	5-spot	900	175	Arbuc	2,011	T	Grav	17/63	38	---	44,016	32,518	773,860	120,391	3,812,445	
1228	1	0	0	0	Irreg.	150	90	Prod	---	T	Grav	1/5	39	---	2,482	420	32,850	780	112,875	
1229	3	0	0	0	Peri.	150	120	Prod + KC	580	T	Grav	1/4	39	---	4,745	2,100	66,897	2,380	121,647	*13047
1230	---	---	---	---	---	0	100	Prod	---	-	Grav	---	29	---	---	---	---	---	---	
1231	4	0	0	0	5-spot	160	120	Prod + KC	550	T	Wat	50/1	30	?	5,331	5,331	175,585	116,470	1,361,514*	*2,600mcf
1232	1	0	0	0	Irreg.	50	45	Prod	---	U	S Gas	20/80	26	?	2,218	0	16,000	0	26,000	

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																
ALLEN COUNTY																
1233	Savonburg	N & B Enterprises	(P)Savonburg	10252	Baker	32-26-21E	20	0	Bartl	675	20	7	0	0	0	1964
ELLIS COUNTY																
1234	Ubert Northwest	E.K. Edmiston	(W)Schmidt Lease, Ubert NW Field	9694	Schmidt	36-12-18W	80	0	Lans-KC	3,600	?	4	0	0	0	1963

SYMBOLS

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

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

TYPE OF PROJECT

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

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 1967			To End of 1967		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	
1233	6	0	0	0	5-spot	350	30	Miss		---	T	Grav	---	31	?	4,180	---	30,000	62,000	?
1234	1	0	0	0	Irreg.	0	?	Prod		---	U	Comb.	?	29	?	9,399	0	?	0	?

PATTERN OF INJECTION WELLS

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

AVERAGE WELL-HEAD INJECTION PRESSURE

Vac. = Vacuum
 Grav. = Gravity

TYPE OF INJECTED WATER

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

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

COUNTY SUMMARY OF 1967 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	714,806	676,076	5,598,395	2,546	699	543	57	33
ALLEN-ANDERSON	47,700	45,315	419,862	240	105	90	2	0
ALLEN-BOURBON	917	0	0	0	0	0	0	0
ALLEN-NEOSHO	25,353	25,353	849,998	396	88	57	0	0
ANDERSON	222,142	208,704	4,269,451	3,113	926	708	14	14
BARBER	378,828	346,732	8,324,429	2,933	47	30	0	1
BARTON	1,017,068	463,658	8,672,499	7,585	236	110	0	1
BARTON-ELLSWORTH	120,749	120,749	2,135,128	800	20	9	0	1
BARTON-RICE	98,356	94,306	659,276	370	15	9	0	0
BARTON-RUSSELL	2,426	2,426	33,741	480	2	2	0	0
BARTON-STAFFORD	46,004	17,594	281,993	260	14	4	0	1
BOURBON	68,097	45,767	725,320	230	46	54	0	0
BUTLER	4,005,714	1,987,912	59,414,873	23,397	961	757	17	14
BUTLER-MARION	2,350	1,240	81,175	50	3	2	0	0
CHASE	5,372	5,372	356,009	240	5	3	0	0
CHASE-LYON	30,403	15,000	130,000	60	6	4	4	0
CHAUTAQUA	200,318	151,443	1,513,006	6,039	386	84	1	0
CLARK	45,607	39,080	647,393	1,860	9	3	0	0
COFFEY	33,223	21,308	289,631	425	43	20	4	0
COFFEY-WOODSON	38,634	31,596	772,604	300	28	18	0	0
COWLEY	1,356,702	1,094,558	19,514,068	12,273	619	198	7	2
CRAWFORD	50,547	44,215	527,641	606	132	137	1	0
DECATUR	248,984	100,802	1,804,884	1,884	41	17	1	0
DOUGLAS	7,279	7,275	249,666	171	20	10	0	0
DOUGLAS-FRANKLIN	41,645	41,645	590,647	205	26	19	0	0
EDWARDS	28,014	2,200	1,032,670	820	23	8	0	0
ELK	62,610	34,345	786,565	600	31	15	0	0
ELLIS	726,756	267,076	5,858,306	4,990	151	67	2	1
ELLIS-ROOKS	100,302	100,302	1,297,439	352	17	13	0	0
ELLIS-RUSSELL	54,658	54,658	532,248	450	15	4	3	0
ELLSWORTH	18,281	4,799	71,424	566	7	4	0	0
FINNEY	997,853	28,866	615,778	1,485	17	11	0	0
FRANKLIN	55,727	57,044	1,912,718	1,020	209	256	1	0
GOVE	28,434	28,434	26,320	160	4	2	3	1
GRAHAM	1,197,452	1,012,275	12,153,787	11,745	290	127	1	1
GRAHAM-TREGO	38,748	38,748	394,067	450	16	3	0	0
GREENWOOD	1,752,197	1,276,669	24,057,896	20,706	914	447	40	2
HARPER	1,288	0	162,419	250	0	---	0	---
HARVEY	606,451	552,015	14,230,130	3,864	138	59	2	0
HARVEY-McPHERSON	136,631	136,631	2,436,344	1,310	19	3	0	0
HODGEMAN	279,883	105,038	2,039,272	2,070	31	10	1	0
JACKSON	4,000	2,000	45,000	---	1	1	0	0
JOHNSON	11,440	8,000	54,000	130	14	7	0	0
KINGMAN	1,693,900	34,996	783,988	2,880	37	9	0	0
KINGMAN-PRATT	41,375	41,375	170,238	800	13	13	0	0
KINGMAN-SEDGWICK	30,994	0	0	0	0	0	0	0
LABETTE	34,172	27,482	935,882	1,190	159	69	0	1
LABETTE-MONTGOMERY	8,100	1,500	36,000	40	4	1	0	0
LINN	41,339	40,851	843,360	695	178	161	7	9
LINN-MIAMI	4,789	4,789	22,352	35	8	10	0	0
LYON	11,336	6,745	23,500	460	7	4	1	1
McPHERSON	435,842	147,250	6,686,828	5,075	116	62	3	1
McPHERSON-MARION	37,849	0	0	0	0	0	0	0
McPHERSON-SALINE	12,200	0	127,750	240	4	1	0	0
MARION	28,526	11,489	262,744	990	13	10	0	0
MEADE	280,525	268,755	1,714,587	2,159	17	13	0	0
MIAMI	74,023	64,688	2,323,376	2,047	307	214	16	16
MONTGOMERY	53,400	27,322	785,168	1,151	130	97	0	0
MORTON	1,398,216	367,605	8,699,233	8,280	86	16	0	2
NEOSHO	269,854	250,883	6,553,563	3,895	873	528	15	7
NESS	97,568	1,000	799,713	460	12	7	0	0
NORTON	11,952	360	338,440	320	9	1	0	0
PAWNEE	165,880	82,876	1,982,967	3,842	66	28	0	3
PHILLIPS	601,899	479,120	3,182,146	7,105	153	59	4	1
PRATT	810,703	751,107	7,741,239	5,197	104	55	1	2
RAWLINS	32,019	0	27,225	400	4	1	0	0
RENO	284,456	137,411	11,106,515	5,220	80	44	0	15
RENO-RICE	15,395	7,698	73,251	400	8	2	0	0
RENO-STAFFORD	44,127	23,874	4,590,128	1,420	11	6	1	0
RICE	1,706,801	305,677	9,412,554	13,919	285	100	0	0
ROOKS	1,302,660	902,564	9,771,346	10,435	241	105	11	5
RUSH	11,362	11,362	386,210	150	3	1	0	0
RUSSELL	3,970,673	3,064,507	39,451,580	22,111	786	391	8	19
SALINE	88,931	58,978	1,634,137	2,604	22	13	0	0
SEDGWICK	919,058	913,382	11,601,171	2,609	106	81	0	0
SHERIDAN	210,113	198,596	3,520,344	1,614	35	16	1	0
STAFFORD	685,118	452,365	5,923,299	5,971	147	74	1	1
SUMNER	1,314,980	797,035	17,890,138	8,012	186	140	0	0
TREGO	24,901	21,798	551,623	2,180	25	11	0	1
WABUNSEE	4,377	0	123,620	0	0	1	0	0
WILSON	202,439	187,436	3,293,230	2,181	302	216	2	1
WOODSON	494,593	374,905	6,102,313	5,940	402	208	10	8
TOTALS	32,366,394	19,324,007	355,039,930	249,458	11,313	6,693	242	165

* Includes data from late questionnaires

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

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