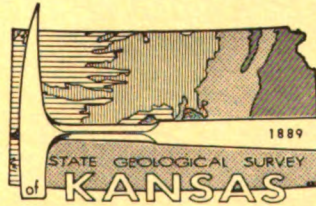


Oil and Gas Developments in Kansas During 1966

By Margaret O. Oros
and Douglas L. Beene



STATE
GEOLOGICAL
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OF
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BULLETIN 190



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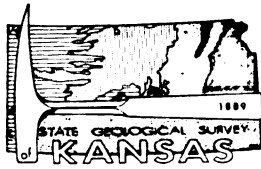
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Oil and Gas Developments in Kansas During 1966

ABSTRACT

Kansas produced 103,713,256 barrels of crude oil, worth \$304,916,973, down 0.9 percent from production in 1965. Approximately 18,118,987 barrels or 17.4 percent of this production was from secondary recovery waterflood projects. An additional 22,610,424 barrels of natural gasoline and LPG products were also produced, for a total of 126,323,680 barrels of liquid hydrocarbons. The price of Kansas crude oil at the wells was increased to \$3.00 per barrel during the year. The average price paid, at \$2.94 for all oil produced, was 2 cents above the average price in 1965. The State also produced 856,421,989 M cubic feet of natural gas, valued at \$107,052,749, which was 10.3 percent greater than production during 1965.

About 3,736 drilling operations were completed by the petroleum industry. Over 45,000 oil wells and nearly 9,000 gas wells were producing during the year.

During 1966, 143 new oil and gas fields, 116 extensions to producing fields, and 58 new pay zones were discovered. Sixteen abandoned fields were revived, 3 fields were combined with other fields, and 2 were reported abandoned.

Estimated liquid hydrocarbon reserves increased from 952 million barrels at the end of 1965 to 973 million barrels in 1966, an increase of 2.2 percent. Natural gas reserves were reduced from 16,653 trillion cubic feet in 1965 to the present 15,923 trillion cubic feet, a reduction of 4.4 percent.

Both crude and refined helium are now produced in Kansas. Production during 1966 totaled 2,624,200 M cubic feet of crude helium and 75,500 M cubic feet of refined helium, worth \$32,836,000. This was 75 times the value of helium produced in 1961, before construction of five new plants.

There were 16 underground natural gas storage areas and 10 underground storage areas for LPG products in operation in Kansas during 1966.

Controlled waterflood projects reported at the end of 1966 totaled 1,139. There were 158 repressuring applications for new projects reported during 1966.

Construction projects included a new natural gasoline plant at Scott City, to be operated by the Cities Service Oil Company.

INTRODUCTION

The oil and gas industry of Kansas continued to make a major contribution to the economy of

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the State in 1966, with a total production of crude oil and natural gas valued at an estimated \$411,969,722. Helium, natural gasoline and LPG products, and carbon black increased the value of petroleum industry products to \$493,322,899. This figure does not include the value of products of the various refineries. The State again ranked seventh in national crude oil production.

A recent map showing areas of oil and gas production is *Oil and Gas Fields in Kansas, January 1, 1966* (Beene, 1967). The most recent edition of a map showing locations of pipelines and allied industries is by Oros (1963). *Secondary Recovery and Pressure Maintenance Operations in Kansas, 1966* (Dilts, 1967) is a companion report. Secondary recovery is only briefly touched on in this bulletin.

A condensed text discusses the material contained in the tables and highlights discoveries, plant construction, and other industry developments. It reflects the cooperation of many individuals, producers, pipeline companies, the Kansas Geological Society, members of the U. S. Bureau of Mines, the American Association of Petroleum Geologists, and state regulatory agencies. Sources of data are acknowledged wherever possible. Facilities of The University of Kansas Computation Center were utilized in compiling the oil and gas production figures. Typing of the field tables was the responsibility of Jo Dalquest. Many others assisted with compilation and proofreading.

OIL

PRODUCTION AND VALUE

Oil production in Kansas totaled 103,713,256 barrels in 1966, down 945,077 barrels or 0.9 percent, from that produced in 1965 (Table 1). The State maintained its seventh-place position among the oil producing states, which it has now held for four years. The value of the crude oil

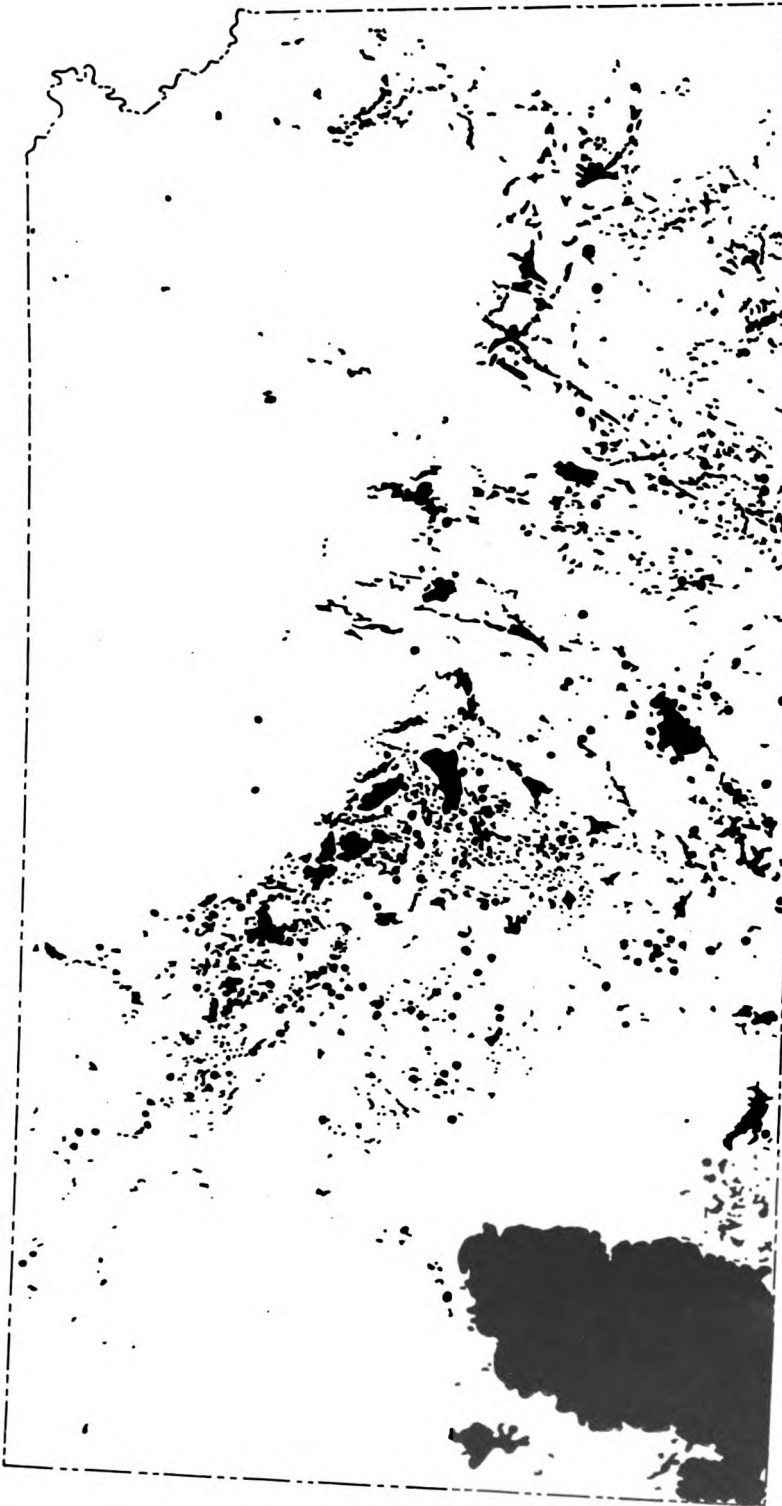


FIGURE 1.—Oil- and gas-producing areas in Kansas, 1966.

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was up \$1,407,807, to \$304,916,973, due to an increase in the price paid for the oil.

Oil was discovered in Kansas in 1860, with no reported production until about 20 years later. Figure 1 shows areas of present oil and gas production in the State, and Figure 2 is a graph of oil and gas production, with discovery highlights shown. Table 2 and Figure 3 show production of crude oil, natural gas, natural gasoline and LPG products, and also the amount of crude oil produced by secondary recovery methods for the last ten years.

Cumulative production of crude oil in Kansas to date is nearly 4 billion barrels. Total liquid petroleum hydrocarbon production, however, is more than 4 billion barrels, as approximately 172 million barrels of natural gasoline and LPG products, in addition to the crude oil, have been produced.

Table 3 summarizes operations in Kansas by county, showing oil and gas production figures, number of producing wells, completed wells, field changes, and estimate of wells drilled in addition to those officially reported. The number of intent-to-drill permits issued forms the primary basis for the estimate of total new wells drilled.

The Survey is an active participant in the current well-reporting program sponsored by the American Association of Petroleum Geologists. Well-completion totals listed are those reported during the year to the AAPG's Committee on Statistics of Drilling by the North Mid-Continent District reporters (Dillon and Van Dyke, 1967, and Pugh, 1967). Some difficulties were encountered in reporting all wells drilled during this first reporting year. However, the Committee did submit records of many holes drilled in counties in the southeastern part of the State that were not made available to the industry through any other source. This resulted from a mail survey made up of questionnaires sent to all operators who filed statements of intent-to-drill with the Oil and Gas Conservation Division of the State Corporation Commission of Kansas. A number of holes were also reported to the Committee based on plugging affidavits and other information filed with the Commission.

Table 27 is a tabulated report of the producing oil fields, which are listed by county. The tables give discovery dates, locations of discovery wells, number of productive acres, and annual and cumulative production. The number of wells producing and those abandoned during the year are listed. Information on producing zones, their depth and thickness, and the average

gravity of the oil produced are also given. An alphabetical index of field and county names may be found at the end of this report. A reported 45,409 wells were producing oil in 1966.

The ten counties leading in crude oil production during 1965 and 1966 are listed in Table 4. These counties accounted for about 57 percent of all crude produced in the State during 1965, and 55 percent of that produced in 1966. Ellis County assumed the leadership with the greatest amount of oil produced, and Russell County dropped from first to second place.

To date, 19 counties have produced at or near 50 million barrels of crude oil (Table 5). These 19 counties, with cumulative production of 3,318,029,896 barrels, have accounted for about 80 percent of all crude oil produced in Kansas. Butler County leads in total production, with close to one-half billion barrels of oil.

The seven fields that had the largest amount of production of crude during 1965 and 1966 are listed in Table 6. Hall-Gurney, Bemis-Shutts, and Spivey-Grabs-Basil fields rank the highest, in that order, in production for the second year in a row.

Figure 4 shows the relative value of the oil and gas produced in each county. Three southwestern counties, Butler County in eastern Kansas, and five counties in the Central Kansas uplift area had production valued at \$15-25 million dollars for the year. Drilling activity in the State may be compared with production, as the number of intent-to-drill permits issued per county are also shown.

Crude oil price changes since 1937 are listed in Table 7. The price for 36-36.9°-gravity oil was increased from \$2.92 per barrel to a high of \$3.00 during the summer. The average price paid for oil during the year was about \$2.94, however (Table 1).

REFINING

The names and locations of 11 refineries operating in Kansas during 1966 are listed in Table 8 and shown in Figure 5. Crude capacity, throughput, and products per stream day are also given (*Oil and Gas Journal*, April 3, 1967). Production data by product and plant are not available. Petroleum refining in Kansas during 1966 was at about 82 percent of capacity.

Monthly pipeline runs did not equal production allocations set by the Corporation Commission in any month. State allocations were set at 310 thousand barrels of crude oil per day in January and February, and at 300 thousand barrels per day for the rest of the year. Crude oil pro-

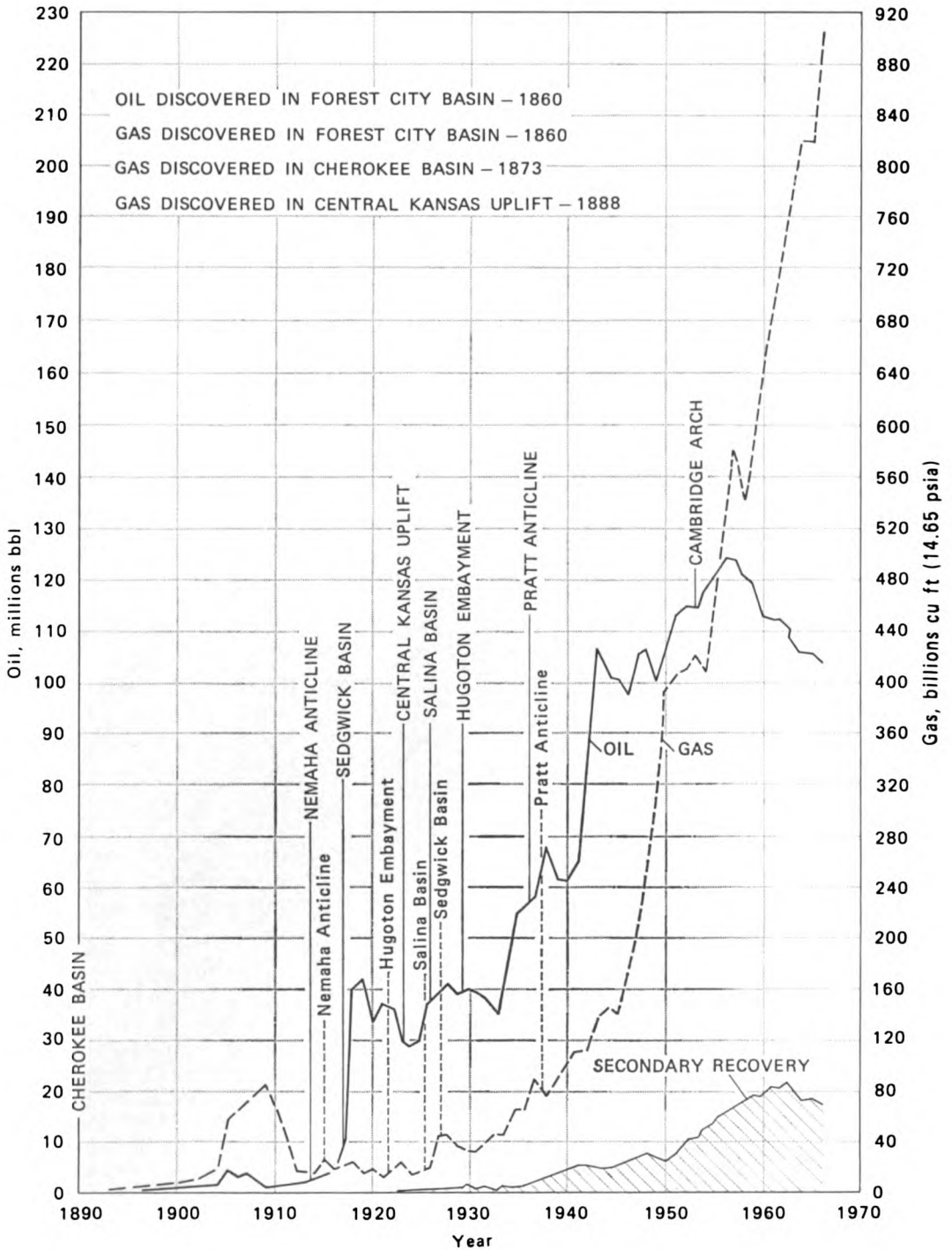


FIGURE 2.—Annual oil and gas production in Kansas from before 1900 to 1966, and year of discovery of oil or gas in different structural provinces. Estimated amount of crude oil produced by secondary recovery methods is indicated.

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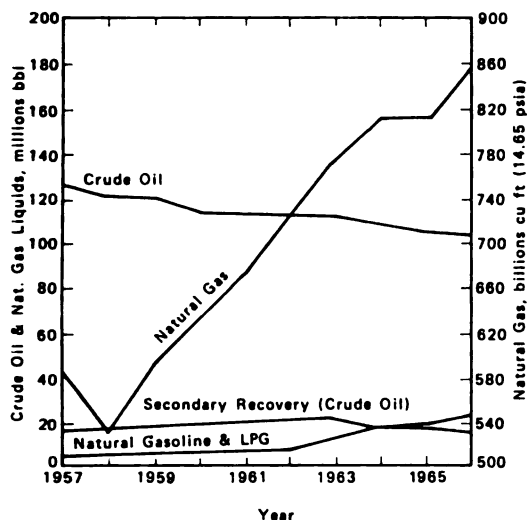


FIGURE 3—Crude oil, natural gas, and natural gasoline and LPG production in Kansas, 1957 through 1966. Estimated amount of crude oil produced by secondary recovery methods is indicated.

cessed by the refineries was considerably higher than crude oil production from State wells. Table 9, listing production, imports, amount of oil refined, and exports of crude oil in Kansas, for the ten years from 1957 through 1966, shows a continued decrease in exports of crude oil, but a relatively stable trend in crude oil imported into the State. This reflects an increase in refining capacity, although the number of refineries in the State has decreased. The amount of oil produced in Kansas during 1966 was down 20 million barrels from the amount produced in 1957. Imports of oil were 7.5 million barrels higher in 1966, while crude oil exported from the State was almost 31 million barrels less than it had been ten years earlier.

SECONDARY RECOVERY AND PRESSURE MAINTENANCE

Secondary recovery and pressure maintenance projects during 1966 included more projects in more counties, covering more acreage, than in 1965. Despite this, production of crude oil by these methods, at 18,118,987 barrels, was 873,129 barrels less than that produced during 1965 (Tables 1 and 2, and Figure 3). The reported production of crude oil by secondary recovery methods includes only projects for which reports are received. The report on *Secondary Recovery and Pressure Maintenance Operations in Kansas, 1966* (Dilts, 1967) lists 1,139 projects in 59 counties. One hundred and fifty-eight repres-

suring applications for new projects were approved during 1966 (Table 10). One application was for a project in the Mill Creek field, in Wabaunsee County, and may be the first secondary recovery work attempted in that county.

Repressuring of oil-bearing rocks by injection of water, air, gas, or by other methods was first sanctioned by State law in 1935. Figure 2 shows the gradual increase in crude-oil production that has resulted from the use of these methods to recover oil that normally would not be recovered by pumping.

NATURAL GAS

PRODUCTION AND VALUE

About 13 trillion cubic feet of natural gas has been produced to date in Kansas. During the last ten years production has ranged from a low of less than 540 billion cubic feet produced in 1958, to its 1966 high of over 856 billion cubic feet (Table 2).

An average price of 12.5 cents per thousand cubic feet has been applied this year in estimating the value of natural gas produced in the State. This total of \$107,052,749 for 1966 is \$9,998,084 greater than the value of natural gas produced in 1965.

Natural gas production was reported in 57 counties in 1966, with 17 counties producing 5 billion cubic feet or more (Tables 3 and 11). Twenty-three counties in Kansas have a cumulative production of 20 billion cubic feet or more of natural gas, as of the end of 1966 (Table 12).

The 1966 consumption of marketed natural gas in seven north-central states is reported as a unit quarterly by the U.S. Bureau of Mines. A detailed breakdown of use within Kansas during 1966 is in Table 13. This table lists the number of residential and commercial customers, the value of the natural gas at the point of sale, and the amount used by those customers and also by industry.

Because the demand for natural gas is seasonal, storage of gas during the slack spring and fall seasons has been developed. Table 14 and Figure 5 give the locations and capacities of the present 16 Kansas underground natural-gas storage projects.

Table 28 is a report of gas fields listed by county. The discovery year is given, and the location of the discovery well. Producing acreage, annual and cumulative natural gas production, number of wells producing during the year are given, and producing zones and depths are also indicated.

HUGOTON GAS AREA

The Hugoton Gas Area, one of the world's largest known gas reserves, lies in the southwestern part of Kansas and portions of Oklahoma and Texas. As defined by the Nomenclature Committee of the Kansas Geological Society the field is limited to wells producing gas from the Chase Group of the Permian System. Pay zones are in the Fort Riley, Towanda, Winfield, Krider, and Herington limestones. In Kansas the field is about 60 miles wide and 85 miles long (north-south), taking in two entire counties (Stevens and Grant) and parts of seven others (Finney, Hamilton, Haskell, Kearny, Morton, Seward, and Stanton).

The geographical area of southwestern Kansas, which includes the Hugoton Gas Area, has numerous oil and gas fields that fall within the field, but produce from other zones.

Table 15 lists production from the Kansas part of the Hugoton Gas Area for the last ten years. Production has been higher each year and has increased from a total of nearly 400 billion cubic feet in 1957 to over 600 billion during 1966. Table 16 shows 1966 production and cumulative production of natural gas by county from the Hugoton Gas Area. The approximately 8.8 million cubic feet of natural gas that has been produced to date is about 64 percent of all natural gas produced in the State. The concentration of plants in the Hugoton Area is shown

in Figure 5, which shows the location of natural gasoline plants, helium plants, a carbon black plant, the LPG underground storage area, and the helium pipeline which carries crude helium to a storage area near Amarillo, Texas.

RELATED PETROLEUM AND NATURAL GAS PRODUCTS

HELIUM

Helium extraction in Kansas, as reported by the U. S. Bureau of Mines, now includes both crude and refined helium. Table 17 shows the great increase in production that has taken place since 1961. The intensified helium conservation program, authorized by Congress in 1961, brought to Kansas three privately-owned helium extraction plants (Table 18 and Figure 5). Crude helium extracted in these plants and in one federally operated plant is purchased by the government (Goebel, Hilpman, Oros, and Beene, 1962, p. 33).

Alamo Chemical Company, in Morton County, went on stream in 1966, and with Kansas Refined Helium Company, in Rush County, produces refined helium for sale to industry.

NATURAL GAS LIQUIDS

Production of natural gas liquids during 1966 from 22 natural gasoline plants was 22,610,424 barrels with an average daily production of 61,946 barrels. Total value of the natural gaso-

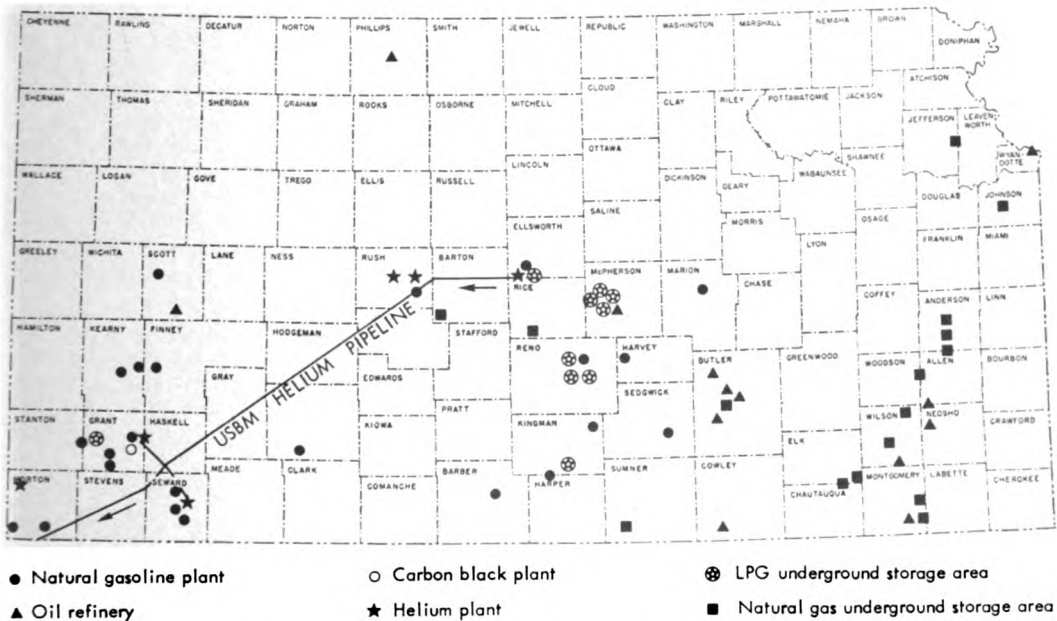


FIGURE 5.—Kansas fractionation plants, helium pipelines, and underground storage sites.

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line and LPG was \$45,220,848, based on an estimated value of \$2.00 per barrel. Plant capacities and production are given in Table 18 and locations are shown on Figure 5. Plant capacities were increased 308 million cubic feet per day during the year.

Additional underground storage capacity totaling 1,409,000 barrels was added during 1966, bringing the total to 17,487,000 barrels (Table 19). Total U. S. storage capacity is 125,266,700 barrels. Kansas is second in capacity for storage of LPG products, with Texas ranking first (66,293,700 barrels) (*Oil and Gas Journal*, October 17, 1966).

Figure 3 shows that during 1966 production of natural gasoline and LPG products totaled 22,610,424 barrels. This exceeded the amount of crude oil produced by secondary recovery methods. The factors responsible are the increase in production of natural gas and the construction of new helium plants. Natural gasoline and LPG products are stripped from natural gas during the recovery of helium.

CARBON BLACK

Production of carbon black in Kansas was greater by 0.025 percent during 1966 over that produced in 1965. The Oil and Gas Conservation Division of the State Corporation Commission of Kansas reported that 57,327,455 pounds of carbon black, valued at \$3,296,329, was produced in the Columbian Carbon Company's plant near Hickok (Figure 5).

EXPLORATION

NOMENCLATURE COMMITTEE

Field names and boundaries used in this report are based on decisions made by the members of the Nomenclature Committee of the Kansas Geological Society, who study, name, and describe new fields and producing areas. The Committee also re-describes and combines old fields and reports as abandoned fields that have become depleted. New producing zones are also determined by this group.

The members of the Nomenclature Committee also act as members of a subcommittee of the Nomenclature Committee of the Mid-Continent Oil and Gas Association, Kansas-Oklahoma Division. And, as provided for under Rule 82-2-104 in the "Rules and Regulations for the Conservation of Crude Oil and Natural Gas," the Committee acts in an advisory capacity to the State Corporation Commission of Kansas.

The statute requiring drillers to file an Intent-to-Drill application with the Oil and Gas Con-

servation Division of the State Corporation Commission of Kansas has facilitated tabulation of new wells, especially in southeastern Kansas. Figure 4 shows the geographic distribution of wells by county tabulated on the basis of applications filed. Table 3 lists, by county, the number of intent-to-drill permits issued during 1966. Allen County, with 220, led in the number submitted during the year.

Oil and gas exploratory activities in Kansas during 1966 are summarized in Tables 20 through 25. As in past years, wells drilled within one and a half miles of the producing limits of fields are called "extension wells" and wells drilled more than this distance from producing areas are classified as "wildcats." Because the location of boundaries of producing areas is arbitrary, definition of wildcat wells is also arbitrary; hence, the total number of wildcat wells reported by different sources is likely to differ. Wells worked over have not been tabulated. However, old holes that were worked over and became discovery wells are indicated in the nomenclature tables. Table 3 lists wells drilled expressly for the purpose of injection or for saltwater disposal, or other service. Listed also are an estimated number of additional wells believed to have been drilled in some counties for which records were not immediately available.

WILDCAT DRILLING AND NEW FIELDS

Wildcat drilling during 1966 discovered 143 new oil and gas fields in Kansas (Table 20). Of these, 125 fields were discovered by new wildcat tests, and 18 by reworking or deepening of former dry wildcat holes.

Ellis County, with 16 fields, and Barton County, with 15, led in discoveries. Alwerth, Antonino Southwest, and Wheatland East fields, in Ellis County, Mary A and Mater South fields in Barton County, and Mt. Carmel, Start, and Ryerse Northwest fields, in Ness County were among the best discoveries of the year.

An important discovery appeared to be that of the Easton gas field, in Leavenworth County. Production is from rocks of Mississippian age. Although the wells are shut in, this field discovery led to increased exploration in this portion of the Forest City basin.

During the year, fifty-eight new pay zones in 53 fields were discovered (Table 21), 16 abandoned fields were revived (Table 22), 2 fields were reported abandoned (Table 23), and 3 fields were combined with other fields (Table 24). The 118 extensions to fields discovered in 1966 are not tabulated in this bulletin.

Seven significant wildcat tests drilled during the year are listed in Table 25. Two of these were Precambrian tests drilled in Chase County.

DRILLING RIGS

An average of 225 active rigs (both rotary and cable tool) was reported during 1966, which represents a decrease of 70 from the previous year (*World Oil*, February 15, 1967). Rotary rig activity reached a peak of 80 during one month and averaged 55 per month during the year (*Oil and Gas Journal*, January 30, 1967). Ten years earlier, in 1957, average rig activity in Kansas was 155 rigs, 100 more than during 1966. It is estimated that cable tool drilling accounted for about 700 wells during 1966.

PLANT CONSTRUCTION

Trade journals report periodically on petroleum industry pipeline and plant construction projects. Highlights of plant construction for 1966 in Kansas are listed below:

The Cities Service Oil Company started construction of a natural gas liquids extraction plant west of Scott City, in Scott County. The plant will have a natural gas processing capacity of 75 million cubic feet daily. Kansas-Nebraska Natural Gas Company will supply gas for the plant. Plant liquids will be delivered by pipeline to existing Cities Service facilities at Hutchinson.

National Cooperative Refinery Association, at McPherson, expanded its HF (hydrofluoric acid) alkylation unit, increasing capacity from 2,500 to 4,100 barrels of oil per day.

Panhandle Eastern Pipeline Company had a 5-state expansion program under way in 1966. Included in this project were five compressors at Kansas stations and 50 miles of gas pipeline.

William Brothers Pipeline Company completed a product terminal at its pumping station in Topeka. This pipeline company was formerly owned by the Great Lakes Pipe Line Company.

Two new plants began producing refined helium during 1966. Alamo Chemical Company, a wholly-owned Phillips Petroleum Company subsidiary, completed its gas-processing plant in Morton County. Kansas Refined Helium Company, at Otis, Rush County, went on stream early in 1966. Both of these plants are producing refined helium for sale through commercial outlets.

RESERVES

Changes in estimated reserves of crude oil, natural gas liquids, total liquid hydrocarbons (crude oil plus natural gas liquids), and natural

gas for the period 1957 through 1966 are shown in Table 26 and Figure 6.

Although reserves of crude oil have been reduced over 200 million barrels during the ten year period, there has been a gradual increase in reserves attributed to natural gas liquids. Crude oil reserves were estimated at 726,429,000 barrels and natural gas liquids 246,500,000 barrels, for total reserves of 972,929,000 barrels of total liquid hydrocarbons for 1966.

Estimated reserves of natural gas, at 15,923,275 million cubic feet in 1966, were 3,372,703 million cubic feet less than ten years earlier.

All estimates reported here are taken from the reports of the American Petroleum Institute and American Gas Association's annual reports on reserves. Their estimates for gas reserves are reported at a base of 14.73 psia at 60°F. These estimates have been converted to 14.65 psia at 60°F. to conform to Kansas gas statistics. The figures represent proved reserves, and do not include: (1) oil under the unproved portions of partly developed fields; (2) oil in untested prospects; (3) undiscovered oil that may be present in favorable regions; (4) oil that may become available by fluid injection methods from fields where such methods have not yet been applied; (5) oil that may become available through chemical processing of natural gas; and

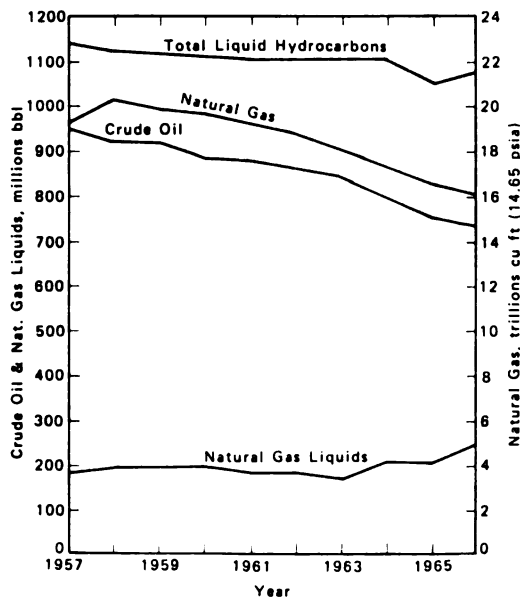


FIGURE 6.—Estimated reserves of crude oil, natural gas liquids, total liquid hydrocarbons, and natural gas in Kansas, 1957 through 1966. (Data from American Petroleum Inst. and American Gas Assoc.)

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(6) oil that can be processed from oil shale, coal, or other substitute sources.

OIL AND GAS CONSERVATION DIVISION

The Oil and Gas Conservation Division, with offices in Wichita, is the regulatory arm of the State Corporation Commission of Kansas, and is charged with the responsibility of preventing waste of all mineral fuels (liquid and gaseous hydrocarbons) and for protecting the correlative rights of individuals. Until proration was inaugurated, ownership of mineral wealth in Kansas depended on the "law of capture." Today, the Corporation Commission determines the monthly market demand for fossil fuels and allocates that demand among existing pools and wells. Within individual pools a fair share of the fuel market is allocated among owners. Approval by the Corporation Commission was necessary for spacing programs and voluntary unitization of royalty interests during 1966. A compulsory unitization bill was enacted by the Kansas Legislature in 1967. The bill, which became effective July 1, 1967, provides a method

through which operators may, with the approval of the Corporation Commission, merge all leases in a given field. The Conservation Division also issues monthly oil and gas proration reports for many of the State's fields, supervises productivity tests of new wells, supervises dual completions and installation of packers in wells, establishes rules for the prohibition of the commingling of water or oil from different zones, and supervises the plugging of wells and the subsurface disposal of produced saltwater. The cost of regulating the petroleum industry in Kansas is assessed to the industry itself. A fee of one cent per foot, or a minimum of \$10.00 per hole, is charged for supervision of plugging. The oil production assessment was 0.00075 cents per barrel and the gas production assessment was 0.000125 cents per thousand cubic feet during the year. Purchasing companies are required to file each month a record of the amount of gas and oil purchased from wells in Kansas.

The State Board of Health, through its offices in Topeka, supervises the prevention of pollution of streams and potable water-bearing formations by the oil and gas industry. To pay costs of this work the oil producers are assessed at the rate of 0.0001 cents per barrel of oil.

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TABLE 1.—Oil and gas data and percentage changes for Kansas, 1965-1966.

	1965	1966	Change from previous year, percent
Crude oil production (bbl)*	104,658,333	103,713,256	-0.9
Crude oil attributed to secondary recovery (est. bbl)	18,992,116	18,118,987	-0.04
Value of crude oil produced	\$303,509,166	\$304,916,973	+0.5
Kansas oil production as percentage of U.S. total	3.9	3.4	-1.8
Average price of oil (bbl)	\$2.92	\$2.94	+0.01
Rank of Kansas among oil-producing states	7th	7th	0.0
Proved reserves of liquid hydrocarbons, at year end (thousands of barrels)†	951,946	972,929	+2.2
Ratio of proved liquid hydrocarbon reserves to current annual production	13.1:1	13.0:1	-0.8
Oil-producing area of "western Kansas" (acres)‡	992,230	1,006,286	+1.4
Gas-producing area of "western Kansas" (acres)‡	3,298,760	3,236,451	-1.9
Natural gas production (M cu ft)	808,788,878	856,421,989	+5.9
Value of natural gas produced§	\$97,054,665	\$107,052,749	+10.3
Proved reserves of natural gas (MM cu ft)	16,652,903	15,923,275	-4.4
Ratio of proved natural gas reserves to current annual production ...	20.6:1	18.6:1	-1.0
Helium production (refined) (M cu ft)|| .....	19,763	75,500	+282.0
Value of refined helium produced	\$904,000	\$1,885,000	+108.5
Helium production (crude) (M cu ft)|| .....	2,551,026	2,624,200	+2.8
Value of crude helium produced	\$29,518,000	\$30,951,000	+4.9
Production of natural gasoline and natural gas liquids (LPG) (bbl)	19,687,452	22,610,424	+14.9
Value of natural gasoline and LPG produced#	\$39,374,904	\$45,220,848	+14.9
New oil and gas fields named	87	143	+64.4
Oil	1,458	1,069	.....
Gas	208	114	.....
Oil and gas	11	10	.....
Dry	1,504	1,443	.....
Repressure or disposal	425	145	.....
Unrecorded, estimated	750	955**	.....
Total recorded and estimated	4,356	3,736	.....
Wildcats and discovery wells (included in total above)	414	741	.....

* Figures supplied by Oil and Gas Conservation Division, State Corporation Commission of Kansas. Barrels are 42 U.S. gallons and gas is based at 14.65 psia at 60°F.

† Figures from American Petroleum Institute and American Gas Association. Barrels are 42 U.S. gallons and gas (reported by the American Gas Association at base of 14.73 psia at 60°F) has been converted to a base of 14.65 psia at 60°F.

‡ The oil and gas area of "western Kansas" includes all producing counties west of the west line of Cowley, Butler, Marion, and Dickinson counties.

§ Based on 12.5 cents per M cu ft of gas at 14.65 psia.

|| Figures supplied by U.S. Bureau of Mines.

This figure is based on unit value of the several products that reflect wholesale prices at the plant.

** See Table 3 for estimated wells.

TABLE 3.—Summary of 1966 operations in Kansas, by county (concluded).

County	Wells drilled in 1966*											Total new wells drilled†	No. intents-to-drill issued‡				
	Oil production, bbl	Gas production, M cu ft	No. producing fields	No. producing oil wells	No. producing gas wells	Fields dis-covered	Fields revived	Fields com-bined	Fields aban-doned	Oil	Gas			Repressure or disposal	Dry wildcats	Total dry	Estimated well†
Fillsworth	1,472,766	384,852	23	540	7	.....	1	.....	.....	13	1	2	15	25	.....	41	44
Finney	1,485,199	43,996,867	14	198	650	.....	.....	.....	.....	.....	.....	1	2	2	.....	3	4
Ford	53,710	84,439	3	6	2	.....	.....	.....	.....	3	.....	.....	10	11	.....	14	15
Franklin	208,505	80,000||	6	730	15||	.....	.....	.....	.....	.....	1	.....	3	6	13	20	23
Geary	1,964	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gove	282,734	.....	7	30	.....	1	.....	.....	.....	2	.....	.....	10	17	.....	19	20
Graham	5,013,087	.....	78	1,234	.....	4	.....	1	.....	21	9	5	22	39	18	83	86
Grant	71,386	142,714,155	5	6	625	.....	.....	.....	.....	1	.....	.....	1	3	.....	13	10
Gray	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	1
Greeley	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	1
Greenwood	3,192,405	80,000||	48	2,539	15||	2	.....	.....	.....	98	.....	4	15	50	.....	152	152
Hamilton	5,244	15,976,827	4	2	161	.....	.....	.....	.....	6	.....	.....	1	1	.....	7	4
Harper	1,170,497	5,460,575	25	275	79	5	1	.....	.....	13	8	1	26	35	5	62	65
Harvey	1,011,401	1,006,745||	21	173	53||	.....	.....	.....	.....	6	.....	.....	4	13	.....	19	18
Haskell	1,563,821	51,149,141	11	168	536	.....	.....	.....	.....	8	7	1	1	6	.....	22	18
Hodgekeman	1,757,377	.....	21	222	.....	2	.....	.....	.....	3	.....	2	13	13	.....	18	18
Jackson	76,745	.....	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jefferson	.....	.....	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	1
Jewell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Johnson	38,936	280,000||	3	63	53||	.....	.....	.....	.....	4	.....	1	2	3	2	10	11
Kearny	172,017	89,225,533	11	15	624	1	.....	.....	.....	14	2	.....	4	9	.....	13	13
Kingman	3,779,231	22,590,097||	47	723	561||	8	.....	1	.....	14	.....	2	31	53	3	72	79
Kiowa	762,890	16,680,435	33	200	99	7	.....	.....	.....	15	3	1	9	14	32	65	72
Labette	73,268	160,000||	8	140	30||	.....	.....	.....	.....	3	1	3	.....	2	31	40	46
Lane	83,462	.....	5	15	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	1
Leavenworth	2,176	360,000||	2	15	68||	1	.....	.....	.....	1	5	.....	1	3	.....	9	10
Lincoln	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Linn	63,534	160,000||	5	315	30||	.....	.....	.....	.....	6	.....	.....	1	16	26	48	53
Logan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lyon	154,270	.....	6	72	.....	.....	.....	.....	.....	5	.....	.....	3	4	.....	9	9
McPherson	2,120,526	842,327	34	1,122	25	1	.....	.....	.....	33	1	2	18	26	12	74	78
Marion	1,017,268	3,292,929||	25	741	177||	2	.....	.....	.....	11	3	1	8	11	2	28	30
Marshall	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meade	611,653	16,482,908	44	261	196	3	.....	.....	.....	2	11	.....	10	15	.....	28	29
Miami	159,040	80,000||	6	794	15||	.....	.....	.....	.....	16	.....	7	3	16	58	97	103
Mitchell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montgomery	373,028	880,000||	10	1,311	188||	.....	.....	.....	.....	18	2	5	1	6	56	87	91
Morris	338,882	168,460||	7	79	26||	.....	.....	.....	.....	4	.....	.....	2	2	2	4	6
Morton	1,759,299	100,148,160	31	242	756	2	.....	.....	.....	5	9	1	9	9	3	27	30
Nemaha	18,128	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nescho	514,777	320,000	9	1,518	60	30	14	2	20	34	98	102
Ness	2,273,927	51	317	10	49	2	31	51	5	107	113

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Norton	544,945	6	171	1	1	5	7	8	8
Osage	33,487	2	14			5	5	5	5
Osborne									
Ottawa	919,835	32	355	4	2	10	16	22	26
Pawnee	1,476,441	18	502	1		4	7	27	29
Phillips	2,144,233								
Pottawatomie									
Pratt	1,517,919	50	568	5		9	11	36	38
Rawlins	442,111	10	79	5		5	8	13	15
Reno	1,051,842	27	529	2	2	3	15	51	55
Republic									
Rice	5,700,286	63	1,909	5	1	2	27	103	102
Riley	144,461	3	34				3	3	2
Rooks	5,121,595	89	1,587	6		3	17	95	98
Rush	441,617	23	96	66	7	3	15	63	65
Russell	8,377,187	55	3,061	4	2	13	17	144	148
Saline	588,481	14	376		8		4	14	14
Scott	67,115	7	20	2	2		1	2	10
Sedgwick	2,292,587	37	632	15	1	1	16	28	29
Seward	1,058,461	37	132	454	3	1	2	20	23
Shawnee									
Sheridan	321,798	15	81		2	1	7	19	18
Sherman	19,402	1	7						
Smith									
Stafford	4,902,777	177	1,590	52	7		15	148	151
Stanton	15,290	11	13	251		1	9	10	4
Stevens	49,047	18	71	816		13	3	21	21
Summer	2,815,482	62	836	35	3		30	71	74
Thomas							1	1	1
Trego	1,579,761	37	373		3		20	50	53
Wabaunsee	304,414	6	42				3	5	5
Wallace									
Washington									
Wichita	319	1	1				4	4	3
Wilson	281,855	16	641	75		6	1	66	71
Woodson	916,231	18	996	5	1	8	9	50	121
Wandolte		#		#					1
Totals	102,823,911	2,178	45,409	8,897	143	16	759	3,736	3,900

* Wells listed are those reported to the American Association of Petroleum Geologists' Committee on Statistics of Drilling. Reworked wells are not listed.
 † Estimate of unreported wells drilled, based on "intents-to-drill" and other information.
 ‡ Includes estimated wells.
 § Based on intents-to-drill filed with Oil and Gas Conservation Division, State Corporation Commission of Kansas.
 || Estimated production and wells based on an estimated total eastern Kansas natural gas production during 1966 of 7,687,668 Mcfg from 1,550 producing wells.
 # Included with Leavenworth County.
 Atchison, Cheyenne, Gray, Greeley, Jefferson, Logan, Osage, Thomas, and Wallace counties have had production in previous years.

TABLE 4.—Ten leading oil-producing counties in Kansas, 1965-1966.

County	Production, bbl		Rank	
	1965	1966	1965	1966
Ellis	8,724,398	8,645,839	2	1
Russell	8,731,949	8,377,187	1	2
Barton	8,126,646	7,909,526	3	3
Rice	5,991,862	5,700,286	4	4
Rooks	5,356,837	5,121,595	6	5
Butler	5,583,466	5,083,249	5	6
Graham	5,191,525	5,013,087	7	7
Stafford	4,961,099	4,902,777	8	8
Kingman	3,687,545	3,779,231	9	9
Greenwood	3,299,640	3,192,405	10	10

TABLE 5.—Counties in Kansas having cumulative production of 50 million barrels or more of oil to end of 1966 (based on recorded and estimated production).

County	Cumulative production, bbl		Rank	
	1965	1966	1965	1966
Butler	478,137,678	483,220,927	1	1
Barton	386,423,608	394,333,134	2	2
Russell	357,236,105	365,613,292	3	3
Ellis	285,601,063	294,246,902	4	4
Rice	257,102,123	262,802,409	5	5
Greenwood	251,179,295	254,371,700	6	6
Stafford	171,386,793	176,289,570	7	7
McPherson	165,454,615	167,575,141	8	8
Cowley	122,549,896	125,344,870	9	9
Rooks	118,540,222	123,661,817	10	10
Ellsworth	103,124,795	104,597,561	11	11
Graham	90,512,263	95,525,350	12	12
Sumner	90,414,911	93,230,393	13	13
Sedgwick	84,653,612	86,946,199	14	14
Reno	69,919,493	70,971,335	15	15
Marion	57,114,787	58,132,055	16	16
Pratt	55,045,734	56,563,653	17	17
Chautauqua	54,746,406	55,333,357	18	18
Montgomery	48,897,203	49,270,231	....	19
		Recorded		

TABLE 6.—Leading oil fields (annual production) in Kansas, 1965-1966.*

Field	Year discovered	County	Annual production, bbl		Rank	
			1965	1966	1965	1966
Hall-Gurney	1931	Barton Russell	3,392,482	3,293,222	1	1
Bemis-Shutts	1935	Ellis Rooks	3,359,689	3,184,970	2	2
Spivey-Grabs-Basil	1949	Harper Kingman	3,105,238	2,743,462	3	3
Trapp	1936	Barton Russell	2,782,995	2,650,132	5	4
Chase-Silica	1931	Barton Rice Stafford	2,886,302	2,615,416	4	5
El Dorado	1915	Butler	2,762,571	2,332,308	6	6
Kraft-Prusa	1937	Barton Ellsworth	2,036,951	2,029,190	7	7

* Fields producing more than 2 million bbl during 1966.

TABLE 7.—Crude oil price changes in the Midcontinent area, 1937-66.

Date	Oklahoma-Kansas 36-36.9° gravity, \$/bbl	Date	Oklahoma-Kansas 36-36.9° gravity, \$/bbl
1937		1949	
Prior to Jan. 1	\$1.10	No changes	\$2.57
January 28	1.22	1950	No changes
1938		1951	Frozen at Jan. 25 level
October 12	1.02	1952	No changes; frozen
1939	No changes	1953	June 15
1940	No changes	1954	No changes
1941		1955	No changes
April 1	1.07	1956	No changes
May 20	1.17	1957	January 3
1942		1958	October 3
Feb. 3; frozen at Oct. 1, 1941 level	1.17	October 3	{ 2.93
1943	No changes		{ 3.00
1944	No changes	1959	February 20
1945	No changes	1960	No changes
1946		1961	No changes
April 1; OPA Raise	1.27	1962	No changes
July 25; Oil Prices decontrolled	1.52	1963	No changes
November 15	1.62	1964	April 15
1947		1965	No changes
March 10	1.87	1966	May-Sept.
October 15	2.07		{ 2.97
December 6	2.57		{ 3.00
1948	No changes		
	2.57		

Data from *World Oil*, February 15, 1967.

TABLE 8. Capacities of Kansas refineries, 1966.

Company and location	County	Nearest town	Crude capacity, bbl./d.	Vacuum distillation operations	Change, bbl./stream-day		Hydrogen treating unit	Production capacity, bbl./stream-day				
					Thermal operations	Catalytic reforming		Alkylation	Polymerization	Coke	Asphalt	
American Oil Co. 19-30S 10E	Wilson	Neodesha	30,800	32,000	10,000	5,500	7,200	SR naph.	1,600			
American Petroleum Co. of Texas 27-23S 5E	Butler	El Dorado	21,400	22,500	8,000	4,000			450		2,800	
Apco Oil Corp.* 34-34S 4E	Cowley	Arkansas City	19,500	19,750	7,500	4,800			2,200		1,400	
Century Refining Co. 13-20S 33W	Scott	Shallow Water	3,600	3,650	2,500	3,000			800		800	
CRA, Inc. 22-3S 18W	Phillips	Phillipsburg	15,000	15,500	5,200	4,500			1,570		2,000	
25-34S 16E	Montgomery	Goffeyville	27,500	28,275	10,500	10,500	4,000	SR naph.	1,850	500	1,500	
Derby Refining Co. 4-27S 1E	Sedgewick	Wichita	21,500	23,000	9,700	2,800	4,000	SR naph.	2,000	600†	150	
Mid-America Refining Co. 17-27S 18E	Neosho	Chanute	2,950	3,000							500	
Mobil Oil Co. 27-27S 4E	Butler	Augusta	45,000	47,000	18,500	4,500			3,800		7,000	
National Coop. Refinery Assoc. 5-20S 3W	McPherson	McPherson	38,000	40,000	2,000	7,000	8,000	SR naph.	2,500	1,000	250	
Phillips Petroleum Co. 34-10S 23E	Wyandotte	Kansas City	70,000	NR	29,000	19,000	16,000	Mid. dist.	6,600		3,000	
Skelly Oil Co. 10-26S 5E	Butler	El Dorado	65,000	68,500	24,000	16,000	15,000	SR naph.	6,600		500	
Total‡			360,250	376,860	136,900	81,600	74,400	68,500	29,520	2,550	4,000	1,175

Data from *Oil and Gas Journal*, April 3, 1967, with modifications.

† bbl./d.

‡ Crude capacity totals include calendar-day figures converted to stream-day basis.

* Includes a 2,950 bbl./d. Isomax hydrocracker.

TABLE 9.—Crude oil produced, imported, refined, and exported in Kansas, 1957 through 1966 (in barrels).

Year	Produced	Imported	Refined	Exported
1957	124,054,043	38,120,109	105,104,885	57,069,267
1958	119,942,094	37,895,812	105,107,743	52,730,163
1959	119,473,875	41,884,139	110,099,964	51,258,050
1960	113,344,548	43,697,343	109,685,925	47,355,966
1961	112,210,936	45,755,155	110,761,907	47,204,184
1962	112,025,710	43,834,148	113,582,982	42,276,876
1963	109,063,298	42,038,689	113,027,818	38,074,169
1964	106,252,025	40,575,900	110,877,265	35,950,660
1965	104,658,333	39,524,628	113,059,513	31,123,448
1966	103,713,256	45,685,555	123,017,163	26,381,648

Data from the Oil and Gas Conservation Division, State Corporation Commission of Kansas.

TABLE 10.—Repressuring applications approved in Kansas during 1966.

County	Location Sec. T R	Name of Company	County	Location Sec. T R	Name of Company
Anderson	20-21S-21E	W. M. Dary	do	22-11S-18W	Texaco, Inc.
Barber	16-30S-12W	L. O. Tenk	do	11-11S-20W	Veeder Supply & Dev. Co.
Barton	20-16S-13W	A. L. Abercrombie, Inc.	Franklin	20-16S-21E	Glenn F. Layton, Jr.
do	30-20S-13W	Baruch-Foster Corp.	Graham	20- 9S-22W	Chief Drlg. Co.
do	20-16S-13W	Continental Oil Co.	do	6-10S-23W	Dane G. Hansen Trust
do	11-20S-13W	Leo J. Dreiling	do	3- 8S-24W	Hollar Oil Co.
do	6-17S-11W	Helmerich & Payne, Inc.	do	24-10S-21W	Petroleum, Inc.
do	33-18S-11W	Isern-Wells	Greenwood	25-24S-12E	Clinton Oil Co.
do	27-20S-13W	Kewanee Oil Co.	do	30-25S- 9E	Eureka Drlg. Co.
do	31-18S-11W	Morgenstern Oil Operations	do	19-24S-10E	Jones & Campbell, Inc.
do	20-19S-11W	do	do	7-24S-13E	Lewis C. Long, <i>et al.</i>
do	34-18S-11W	Nadel & Gussman	do	18-25S- 9E	Nadel & Gussman
do	5-17S-11W	Nat'l. Coop. Refn. Assn.	do	9-23S-11E	E. C. Riley
do	14-20S-11W	do	Jackson	15- 7S-13E	Eureka Drlg. Co.
do	28-20S-13W	Phillips Petroleum Co.	Johnson	23-14S-22E	C. F. Frisby
do	30-16S-11W	Tom Kat, Inc.	Kingman	16-30S- 6W	Shaw-Hughes
Bourbon	12-25S-21E	CRA, Inc.	do	22-28S- 7W	Texaco, Inc.
Butler	32-26S- 6E	Butler Development, Inc.	do	30-29S- 5W	do
do	7-26S- 5E	Cities Service Oil Co.	Labette	14-33S-17E	Warren Blufston
do	32-26S- 7E	Crowe Drlg. Co., Inc.	do	4-33S-18E	R. & R. Service and The Larry Moore Ranch, Inc.
do	22-27S- 6E	Hammer-Maclean	do	2-33S-17E	Ward & Associates, Inc.
do	11-27S- 5E	J. E. Morris, <i>et al.</i>	Linn	5-20S-23E	Dakota Oil Co.
do	1-26S- 4E	Okmar Oil Co.	do	22-19S-22E	Robert A. Mason
do	26-27S- 4E	Wilbur C. Skaer	McPherson	30-19S- 5W	K & E Drlg., Inc., <i>et al.</i>
Chautauqua	13-33S-12E	Alan J. Byron	Marion	29-18S- 4E	Cities Service Oil Co.
do	18-33S-13E	Oil Production, Inc.	do	18-21S- 3E	Roland Jones
do	13-35S-11E	Ben Steiner	Miami	22-16S-24E	W. M. Dary
Coffey	14-23S-14E	Vannocker Oil Co.	do	17-17S-23E	Herbert Kepple
Cowley	10-31S- 3E	Brunson-Spines	Montgomery	11-32S-15E	Aztec Drlg. Co.
do	15-33S- 3E	Crest Petrol., Inc.	do	35-32S-16E	Cora Oil Co., Inc.
do	6-32S- 8E	Galapp & Everly	do	32-33S-14E	Gallatin & Fox
Decatur	11- 1S-27W	Cities Service Oil Co.	do	16-34S-15E	Thomas Oil Co.
Douglas	2-15S-20E	The Dow Chemical Co.	Morton	28-34S-41W	Cities Service Oil Co.
Edwards	26-25S-16W	Leben Drlg. Co., Inc.	Pawnee	13-20S-20W	Cities Service Oil Co.
Ellis	34-13S-16W	American Petrofina Co., Tex.	do	32-22S-17W	Colorado Oil Co.
do	7-11S-20W	D & D Drlg., Inc.	do	10-20S-19W	Nat'l. Coop. Refn. Assn.
do	22-11S-18W	Lario Oil & Gas Co.	do	17-23S-17W	The Shallow Water Refn. Co.
do	35-15S-16W	Morgenstern Oil Operations	Phillips	28- 4S-18W	James W. Hershberger
do	22-11S-18W	Okmar Oil Co.	do	21- 4S-18W	Petroleum Management, Inc.
do	16-14S-17W	do			
do	36-12S-16W	Pan American Petr. Corp.			
do	15-11S-18W	Shade & Berry			

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TABLE 10.—Repressuring applications approved in Kansas during 1966 (concluded).

County	Location		Name of Company	County	Location		Name of Company
	Sec.	T R			Sec.	T R	
do	29-	4S-18W	do	do	19-12S-15W	do	
Pratt	17-	27S-12W	Monsanto Co.	do	30-12S-15W	do	
Reno	34-	23S-4W	Eagle Oil Co., Inc.	do	22-14S-13W	Smoky Hill Petroleum, Inc.	
do	23-	23S-4W	SeRoBee Drlg. Co., Inc.	do	22-14S-14W	Sunray DX Oil Co.	
Rice	6-	19S-10W	Icer Addis, <i>et al.</i>	Saline	17-16S-3E	Fell & Wolfe	
do	1-	20S-6W	J. W. Braden Trust, <i>et al.</i>	Sedgwick	16-25S-1W	Cities Service Oil Co.	
do	1-	20S-6W	do	Stafford	36-21S-12W	Jay Bergman Oil Co.	
do	1-	20S-6W	do	do	14-24S-11W	Braden-Zenith, Inc.	
do	25-	18S-8W	Continental Oil Co.	do	30-25S-13W	Cities Service Oil Co.	
do	18-	20S-10W	F. G. Holl	do	36-22S-14W	Graves Drlg. Co., Inc.	
do	10-	18S-8W	Murfin Drlg. Co.	do	1-25S-15W	Gulf Oil Corp.	
do	8-	19S-9W	Pioneer Operations Co., Inc.	do	1-25S-15W	Helmerich & Payne, Inc.	
do	18-	18S-6W	Sun Oil Co.	do	17-21S-13W	Pan American Petr. Corp.	
do	26-	21S-8W	Union Oil Co. Of Calif.	do	16-23S-13W	R. D. Reber, Trustee	
do	26-	21S-8W	do	do	26-25S-13W	Rock Island Oil & Refn. Co.	
do	30-	19S-9W	Robert F. White, <i>et al.</i>	do	16-23S-14W	Sinclair Oil & Gas Co.	
Rooks	22-	7S-19W	Aylward Drlg. Co.	Sumner	25-31S-2E	Green Pipe & Supply Co.	
do	19-	8S-17W	Cities Service Oil Co.	do	29-33S-2E	Lario Oil & Gas Co.	
do	14-	9S-16W	Max Cohen	do	13-34S-1E	do	
do	7-	10S-17W	Davis Brothers	do	8-31S-3W	Texaco, Inc.	
do	27-	8S-16W	D & D Drlg. Co.	Wabaunsee	2-13S-10E	Skelly Oil Co.	
do	5-	9S-16W	Leben Drlg. Co., Inc.	Wilson	14-27S-15E	Mildred Baker	
do	14-	10S-20W	Nadel & Gussman	do	36-28S-16E	Davis & Bel Const. Co.	
do	8-	10S-18W	Tenneco Oil Co.	do	3-27S-16E	Dome Petroleum Corp.	
do	8-	10S-18W	do	do	36-28S-16E	Farish & Burns	
Russell	9-	14S-14W	CRA, Inc.	do	13-27S-15E	Gordon J. Willis	
do	34-	15S-11W	Duke Drlg. Co.	do	4-28S-17E	Gordon J. Willis	
do	36-	14S-13W	Theodore Gore	do	7-30S-16E	Fred E. Wood & Assoc.	
do	22-	15S-12W	do	Woodson	11-24S-16E	The Dow Chemical Co.	
do	30-	14S-12W	Gulf Oil Corp.	do	34-23S-16E	Erbert & Bain	
do	6-	15S-14W	C. L. Hanes	do	13-24S-13E	Houston-Oklahoma Oil Co.	
do	10-	14S-14W	Pan American Petr. Corp.	do	18-24S-14E	do	
do	10-	14S-14W	do	do	15-25S-15E	Jones & Campbell, Inc.	
do	34-	14S-13W	Lee Phillips Oil Co.	do	33-23S-16E	Long-Tye Oil Co.	
do	9-	12S-15W	Louis M. Mai Operations	do	30-23S-17E	C. H. Reser	
do	10-	12S-15W	do	do	19-23S-16E	Tec Drlg. Co., Inc.	
do	29-	14S-13W	Shields Oil Prod., Inc.	do	31-23S-15E	Vannocker Oil Co.	
do	21-	14S-14W	Sierra Petroleum Co., Inc.	do	6-24S-15E	do	
do	19-	12S-15W	Sohio Petroleum Co.				

Data from Oil Field Section, Kansas State Department of Health.

TABLE 11.—Kansas counties producing 5 billion cubic feet or more of natural gas during 1965 and 1966.

County	Production M cu ft (14.65 psia)		Rank	
	1965	1966	1965	1966
Stevens	184,053,394	197,222,461	1	1
Grant	140,319,236	142,714,155	2	2
Morton	94,284,427	100,148,160	3	3
Kearny	81,326,183	89,225,533	4	4
Haskell	45,660,072	51,149,141	5	5
Finney	40,431,690	43,996,867	6	6
Barber	34,734,507	33,103,755	7	7
Stanton	31,344,286	31,536,176	8	8
Seward	26,628,544	29,867,613	10	9
Kingman	28,603,275	22,590,097	9	10
Kiowa	11,446,618	16,680,435	14	11
Meade	16,432,747	16,482,908	11	12
Hamilton	14,919,135	15,976,827	12	13
Clark	14,022,293	15,179,471	13	14
Comanche	7,531,739	8,592,229	15	15
Rush*	1,808,552	5,906,552	....	16
Harper	5,762,888	5,460,575	16	17

* Rush County was not listed in the 1965 report (Bull. 185).

TABLE 13.—Consumption of marketed natural gas in Kansas, 1966.

Use	No. customers	Value cents/Mcf	Amount used, Mcf
Residential	571,000	58.7	87,625,000
Commercial	56,000	44.3	32,268,000
Industrial	.....	23.0	387,811,000
Total		42.0 av.	507,704,000

Data from U.S. Bureau of Mines.

TABLE 12.—Counties in Kansas having cumulative production of 20 billion cubic feet or more of gas to end of 1966 (based on recorded and estimated production).

County	Cumulative production M cu ft (14.65 psia)		Rank	
	1965	1966	1965	1966
Stevens	2,678,261,931	2,875,484,392	1	1
Grant	1,771,402,601	1,914,116,756	2	2
Kearny	1,188,808,908	1,278,034,441	3	3
Morton	1,120,092,964	1,220,241,129	4	4
Barber	705,647,060	738,750,815	5	5
Finney	681,285,123	725,281,990	6	6
Haskell	613,342,953	664,492,094	7	7
Seward	467,956,978	497,824,591	8	8
Stanton	325,027,320	356,563,496	9	9
Kingman	205,704,415	228,294,512	10	10
Meade	146,839,620	163,322,528	11	11
Hamilton	84,474,613	100,451,440	12	12
Clark	84,041,957	99,221,428	13	13
Kiowa	71,542,421	88,222,856	14	14
Pawnee	53,742,648	55,219,089	15	15
Harper	43,751,370	49,211,945	16	16
Comanche	33,262,515	41,854,744	19	17
Rice	39,183,648	40,668,989	17	18
Pratt	35,962,906	38,147,618	18	19
Edwards	30,191,323	33,724,904	21	20
Barton	31,093,591	33,020,671	20	21
Reno	29,059,058	30,944,740	22	22
Stafford	28,803,660	30,762,700	23	23

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TABLE 14.—Underground natural-gas storage areas in Kansas, 1966

Company and field or area	Township and range	County	Capacity, MM cu ft			Storage zone
			Cushion-gas	Working-gas	Total reservoir	
Arkansas Louisiana Gas Co. Collinson	34S- 3E	Cowley	440	1,130	1,570	.....
Cities Service Gas Co.						
Alden	21S- 9W	Rice	9,721	4,972	14,693	"Misener"
Boyer	26S- 5E	Butler	624	390	1,014	Wabaunsee
Colony	22,23S-19E	Anderson	5,028	4,126	9,154	"Colony"
Craig	13S-23E	Johnson	4,493	1,550	6,043	"Bush City"
Elk City	31,32S-13-14E	Montgomery and Elk	9,946	9,946	19,892	"Burgess"
McLouth	9,10S-19,20,21E	Jefferson and Leavenworth	7,660	5,184	12,844	"Bartlesville"
Piqua	24,25S-17E	Allen and Woodson	1,670	1,543	3,213	"Colony"
Welda North	21S-19E	Anderson	5,470	4,497	9,967	"Colony"
Welda South	22S-19E	Anderson	6,440	5,285	11,725	"Colony"
Kansas-Nebraska Natural Gas Co. Adolph	20S-15W	Barton	3,445	1,683	5,095	Arbuckle
Union Gas Systems, Inc.						
Buffalo	27S-16E	Wilson	3,334	3,225	8,205	Iola
Fredonia	29S-19E	Wilson				"Layton"
Liberty North	33S-17E	Montgomery				"Squirrel"
Liberty South	34S-17E	Montgomery				"Squirrel"
Longton	32S-12E	Chautauqua				"Layton"
Total			58,271	43,531	103,415	

Data from *Oil and Gas Journal*, May 8, 1967, with modifications.

TABLE 15.—Natural gas production from Kansas part of Hugoton Gas Area, 1957-1966.*

Year	M cu ft gas (14.65 psia)	Year	M cu ft gas (14.65 psia)
1957	396,889,199	1962	518,069,603
1958	349,263,723	1963	556,067,168
1959	404,764,021	1964	567,988,557
1960	451,820,153	1965	574,014,829
1961	467,842,078	1966	608,766,800

* Production from Chase Group.

TABLE 17.—Quantity and value of helium produced in Kansas, 1961-1966.

Year	Helium (crude) Mcfg	Value, thousands of dollars	Helium (refined) Mcfg	Value, thousands of dollars
1961	23,050	\$ 434	.....	.....
1962	40,749	1,478	.....	.....
1963	775,071	10,088	.....	.....
1964	2,183,347	26,608	.....	.....
1965	2,551,026	29,518	19,763	\$ 904
1966	2,624,200	30,951	75,500	1,885

Data from Oil and Gas Conservation Division, State Corporation Commission of Kansas, and U.S. Bureau of Mines.

TABLE 16.—Annual and cumulative natural gas production, by county, Hugoton Gas Area, Kansas.*

County	1966 production	Cumulative production to end of 1966
Finney	43,996,867	725,135,915
Grant	140,433,346	1,906,228,116
Hamilton	6,716,899	76,202,483
Haskell	47,182,771	648,423,584
Kearny	89,225,533	1,278,034,441
Morton	39,188,261	552,758,251
Seward	20,863,230	400,318,816
Stanton	29,328,319	321,298,317
Stevens	191,831,574	2,850,650,167
Total	608,766,800	8,759,050,090

* M cu ft @ base 14.65 psia @ 60° F. Production is from Chase Group.

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TABLE 18.—Natural gasoline and helium plant survey: plant capacities* and production in Kansas, 1966.

Company and plant	Sec. T R County	Nearest town	Capacity, MMcf/d	Throughput, MMcf/d	Process method	Production, gal/day					Production natural gasoline and allied products, bblt	
						Propane	Iso-butane	Normal butane	LPG mix	Natural gasoline		Debutanized natural gasoline	Diesel, kerosene, and bottoms
Alamo Chemical Co.												
Greenwood plant	7-33S-43W	Morton	76.0	NR§	Refr.	(helium capacity is 385 Mcfd)			54,000			71,988
Anadarko Production Co.												
Cimarron River plant	26-33S-32W	Seward	10.0	11.0	Refr.-abs.	3,300			8,000			82,263
Interstate plant	29-34S-43W	Morton	16.0	16.0	Refr.-abs.				18,000			132,986
Cities Service Helex, Inc.												
Jayhawk plant	2-29S-35W	Grant	507.0	470.0	Refr.-abs.				378,000			
Cities Service Oil Co.												
Hutchinson fractionator	22-23S-6W	Reno				316,800	25,400	47,500		38,800		3,618,279
Midway plant	33-27S-5W	Kingman	28.0	21.8	Refr.-abs.					20,800		189,224
Wichita plant	17-28S-1E	Seigwick	130.0	130.0	Abs.	39,800	15,600	38,900		31,700		1,108,413
Wilburton plant	33-34S-41W	Morton	4.0	2.7	Refr.				5,700			49,529
Colorado Interstate Gas Co.												
Lakin plant	29-24S-36W	Kearny	215.0	63.0	Abs.				9,540			86,662
Morton County plant	18-33S-43W	Morton	112.0	73.0	Abs.						4,145	NR
Hugoton Production Co.												
Hugoton plant	10-30S-37W	Grant	90.0	86.0	Abs.	22,695		23,350		20,095		594,868
Kansas-Nebraska Natural Gas Co., Inc.												
Scott City plant	17-18S-33W	Scott	200.0	153.0	Refr.-abs.				18,800			216,240
Kansas Refined Helium Co.												
Helium Co.	35-17S-16W	Rush	24.0	20.0	Refr.-abs.	(helium production 500 Mcfd)						28,915
Mobile Oil Co.												
Hickok plant	31-28S-35W	Grant	136.0	135.5	Abs.	20,000		29,400		26,100		671,811
Spivey plant	5-31S-8W	Harper	70.0	38.3	Abs.	26,100		10,100		25,800		587,973
National Helium Corp.												
Liberal plant	23-33S-32W	Seward	1,000.0	NR	Refr.	125,000#		115,000#		100,000#		3,995,201
(helium capacity is 1.17 billion cu ft/yr#)												
Northern Gas Products Co.												
Products Co.	31-17S-9W	Ellsworth	900.0	900.0	Refr.-abs.	600,000	75,000	170,000		60,000		7,617,258
Northern Helium Co.												
Helium Co.	31-17S-9W	Ellsworth	476.0	370.0	Cryogenic	(helium production 1,500 Mcfd)						
Northern Natural Gas Co.												
Holcomb plant	3-24S-34W	Finney	200.0	200.0	Refr.				15,000			150,355
Sublette plant	1-32S-33W	Seward	300.0	300.0	Abs.				44,000			390,280

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TABLE 18.—Natural gasoline and helium plant survey: plant capacities* and production in Kansas, 1966 (concluded).

Company and plant	Sec. T R	County	Nearest town	Capacity, MMcf/d	Through-put, MMcf/d	Process method	Production, gal/day					Production natural gaso- line and allied prod- ucts, blbt	
							Propane butane	Isobutane	Normal butane	LPG mix	Natural gasoline		Debutanized natural gasoline	Diesel, kerosene, and bottoms
Pan American Petroleum Corp.													
Kinsler plant	10-30S-37W	Grant	Ulysses	20.0	29.0	Refr.-abs.							259,257
Ulysses plant	5-29S-38W	Grant	Ulysses	325.0	278.0	Refr.-abs.	80,000	27,000	81,000	30,000			2,285,301
Plateau Natural Gas Co.													
Burrton plant**	16-23S- 3W	Harvey	Burrton	3.0	2.0	Refr.					1,400		8,038
Rounds & Stewart Natural Gasoline Co., Inc.	2-19S- 3E	Marion	Marion	30.0	11.9	Refr.-abs.	13,700	2,800	5,600		7,900		252,859
Skelly Oil Co.	13-32S-12W	Barber	Medicine Lodge	60.0	NR	Abs.	7,000				7,000		110,969
Minneola plant	13-29S-25W	Ford	Dodge City	25.0	NR	Refr.-abs.	5,000				6,000		101,755
U.S. Bureau of Mines													
Otis plant	1-18S-16W	Rush	Otis	15.0	7.4	Refr.			(helium production 95 Mcfd)				
Total††				4,972.0	4,246.4		1,259,395	145,800	520,850	30,000	813,535	151,300	4,145 22,610,424
Daily average production for year 1966													61,946 bbl

* Data on capacities from the *Oil and Gas Journal*, March 20, 1967, modified for this bulletin.
 † Production information obtained from the Oil and Gas Conservation Division, State Corporation Commission of Kansas. Figure represents 42-gallon barrels.
 ‡ All figures are capacity.
 § The letters NR mean "not reported."
 ¶ Formerly operated by Kansas Hydrocarbons Company, as Cheney Plant.
 ** *Oil and Gas Journal* estimate.
 †† To arrive at more accurate totals, throughput and production per day are estimated at 80% of capacity when figures are not reported.

Helium production (all Kansas plants):
 Helium, Grade "A" (refined) (M cu ft) 75,500
 Helium (crude) (M cu ft) 2,624,200
 Data from U.S. Bureau of Mines, Bartlesville, Oklahoma.

TABLE 19.—Underground LPG storage areas and capacities in Kansas, 1966.

Company	Sec. T R	County	Nearest town	Capacity, thousand bbl	Product
Cities Service Oil Co.	22-23S- 6W	Reno	Hutchinson		
Salt layer (11 caverns)				803	Butane
Salt layer (17 caverns)				1,041	Propane
Salt layer (3 caverns)				188	Crude NGL
Salt layer (2 caverns)				146	Isobutane
Salt layer				82	Gasoline
Salt layer (4 caverns, completion 1967)				250	Propane
Mid-America Pipeline Co.	24-19S- 5W	McPherson	Conway		
Salt layer (7 caverns)				1,784	Propane
Salt layer (2 caverns)				110	Isobutane
Salt layer				157	Butane
Salt layer (2 caverns)				157	Natural Gasoline
Salt layer (completion 1967)				400	Propane
National Coop. Refinery Assoc.	29-19S- 4W	McPherson	Conway		
Salt layer (7 caverns)				350	Butane
Salt layer (30 caverns)				1,550	Propane
Northern Gas Products Co.	31-17S- 9W	Ellsworth	Bushton		
Salt formation				4,000	Butane and Propane
Pan American Petroleum Corp.	5-29S-38W	Grant	Ulysses		
Salt layer (11 caverns)				248	LP-gas
Phillips Petroleum Co.	15-30S- 7W	Kingman	Rago		
Salt layer (6 caverns)				435	Butane and Propane
Security Underground Storage Co.	28-19S- 4W	McPherson	Conway		
Salt bed				4,100	Propane
Sinclair Oil & Gas Co.	14-24S- 6W	Reno	Hutchinson		
Salt layer (5 caverns)				377	Propane
Skelly Oil Co.	30-19S- 4W	McPherson	Conway		
Salt layer				1,089	Propane
Salt layer				120	Butane
Tuloma Gas Products Co.	14-24S- 6W	Reno	Hutchinson		
Salt bed (10 caverns)				750	Butane and Propane
Total				17,487	

From *Oil and Gas Journal*, October 17, 1966, with modifications.

TABLE 20.—Oil and gas fields named in Kansas during 1966.

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month named
Barber					
Lambert C SW NW, 35-30S-14W	Brooks Hall #1 Lambert	Douglas	3902	6 BO & 428 Mcfg	Oct.
McClure C SW SE, 30-32S-11W	B & B Oil Co. #1 McClure	Snyderville	3550-3560	149 BO	June
Meairs C NW SE, 27-30S-12W	Chief Drlg. Co. #1 Meairs	Douglas	3663-3685	2,100 Mcfg	Jan.
Schubbach NE NE NE, 10-34S-11W	Appleton Oil Co. #2 Schubbach*	Mississippian	4572-4584	40 BO	Feb.
Barton					
Boyd Southeast N/2 NE SE, 17-18S-13W	Monarch Oil & Gas Co. #1 Cornelius Estate	Arbuckle	3295-3300	48 BO	Sept.
Boyle SE NE NW, 32-17S-14W	Three G Oil, Inc. #1 Behr	Lans.-K.C.	3165-3168	81 BO	Dec.
Cheyenne West SW NE SE, 5-19S-12W	Raymond Oil Co. #1 Hullman "A"	Lans.-K.C. Arbuckle	3235-3298 3367-3386	87 BO	Aug.
Christians SW NE SE, 24-16S-13W	Circle Oil Co. #1 Christians	Arbuckle	3421-3430	80 BO	March
Erna West SE SW NE, 25-18S-15W	Wiggins #1 Schneider	Lansing	3246-3286	38 BO	Feb.
Frank North SW SW SW, 5-19S-12W	Graves Drlg. & Sierra Petrol. Co. #1 Davis	Arbuckle	3379-3988	66 BO	Oct.
Herman NE NE SW, 18-16S-14W	Helmerich & Payne, Inc. #1 Herman	Lans.-K.C.	3138-3168	151 BO	Jan.
Homestead Southeast S/2 NW SE, 23-18S-13W	Isern-Wells #1 Wirth	Lansing	3127-3151	15 BO	Sept.
Jettie West NE SW NE, 28-20S-14W	Crude Oil Prod. & Supply Co. #1 Wright*	Conglomerate	3529-3538	15 BO	Sept.
Larkin West SW SE NW, 10-17S-14W	Robinowitz Oil Co. #1 Riedl	Lans.-K.C.	3206-3210	22 BO	July
Mary A SW SE NW, 23-17S-15W	Three G Oil, Inc. #1 Mary Axman	Lans.-K.C.	3414-3417	80 BO	Aug.
Mater South NW NE SW, 14-17S-15W	Three G Oil, Inc. #1 Benedict Axman	Arbuckle	3514-3517	93 BO	Jan.
Nordman NW NW SE, 23-18S-15W	Imperial Oil Co. #1 Nordman	Arbuckle	3522-3537	D & A	July
Palacky West SE NE NE, 1-17S-11W	Alpine Oil & Royalty Co., Inc. #1 Raymond Zajic	Arbuckle	3378-3384	93 BO	May
Tritsch NW NW SE, 12-18S-12W	Woodman & Iannitti #1 Tritsch	Arbuckle	3399-3415	37 BO	July
Butler					
Bruce East NW NW NE, 34-29S-4E	Stelbar Oil Corp., Inc. #1 Shawver Ranch "T"	Cattelman	2824-2830	5 BO	Aug.
Parsley West SW SW SW, 3-26S-3E	Se Ro Bee Drlg. Co. #1 Wait*	Mississippian	2737-2742	15 BO	Sept.
Young Southwest C W/2 NW, 32-26S-7E	Crowe Drlg. Co. #1 PMA	Mississippian	2703-2713	106 BO	July
Comanche					
Hack NE NE SW, 17-33S-18W	Eason Oil Co. #1 Hackney*	Lans.-K.C.	4842-4851	1,270 Mcfg	Sept.
Wilmore S/2 NE NE, 24-31S-18W	Anadarko Prod. Co. #1 Emerick "A"	Mississippian	4966-4978	2,570 Mcfg	Nov.
Yellowstone Northwest C NW NW, 8-35S-16W	Anadarko Prod. Co. #1 McMoran "A"	Mississippian	5270	D & A	May
Cowley					
Argo SW SE NW, 19-34S-5E	McNeish Oil Operations #1 Argo*	Mississippian	3263-3265	25 BO	June
Sickles SE SE SE, 20-31S-5E	Catt Drlg. Co. #1 Sickles	Bartlesville	2981-2987	80 BO	May

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month named
Decatur					
Altory NE NW NW, 34-3S-27W	Raymond Oil Co. #1 Steffen	Lansing	3530-3576	139 BO	Nov.
Decatur Center Southwest C SE NE, 29-3S-28W	Okmar Oil Co. #1 Charles	Lansing	3783-3789	20 BO	Nov.
Petracek NE SE NW, 9-4S-27W	Okmar Oil Co. #1 Petracek	Lansing	3643-3648	117 BO	Oct.
Edwards					
Churchview C NW NE, 20-23S-19W	Stickle Drlg. Co. #1 Ploger	Lansing	4190-4192	86 BO	Oct.
Ellis					
Alwerth NW SE NE, 5-14S-19W	Braden Drlg. Co. #1 Werth*	Arbuckle	3891-3903	84 BO	May
Antonino Southwest NE NW NW, 34-14S-19W	Three G Oil, Inc. #1 Feitz	Lansing	3598-3602	65 BO	July
Antonino Townsite West NW SE SE, 35-14S-19W	Three G Oil, Inc. #1 Speier	Lansing	3540-3543	50 BO	July
Baker NE SW SE, 10-12S-18W	Dreiling & Jennings #1 Baker	Arbuckle	3696-3700	47 BO	Nov.
Bowlby North SE SW NE, 1-11S-16W	Lee Phillips & Rains & Williamson #1 Bowlby "A"	Lansing	3158-3160	33 BO	Feb.
Dechant Northwest SE SE NE, 2-15S-19W	Imperial Oil Co. #1 Haas	Arbuckle	3689-3694	80 BO	Sept.
Dinges East NE NW SE, 3-15S-18W	Petroleum, Inc. #2 Pfannenstiel "E"	Lansing	3483-3528	101 BO	Aug.
Edseibel SW NE SW, 9-14S-20W	Birmingham-Bartlett Drlg. Co. #1 Edwin Seibel "B"	Kansas City	3639-3656	110 BO	May
Kell SE NE SW, 19-12S-20W	Braden Drlg. Co. #1 Keller	Arbuckle	3936-3939	79 BO	May
Polifka East C S/2 N/2 N/2, 8-13S-17W	Raymond Oil Co. #1 Polifka	Arbuckle	3595-3610	16 BO	Jan.
Pol NW NW SE, 8-13S-18W	John Farmer, Inc. #1 Polifka	Lansing	3475-3522	25 BO	Oct.
Riverview East SW SE SW, 28-11S-18W	Hummon Oil, Inc. #1 Fisher*	Lansing	3381-3430	66 BO	Aug.
Spring Brook C NW SE, 17-14S-20W	Mull Drlg. Co. #1 Kingsley	Lansing	3640-3644	120 BO	Sept.
Walters North N/2 NE NE, 2-12S-18W	Petroleum, Inc. #1 Walters "C"	Lansing Arbuckle	3254-3305 3536-3539	63 BO 55 BO	Oct.
Walter Southwest NE NE SW, 26-12S-18W	Leo J. Dreiling Oil Co. #1 Schmidt "B"	Arbuckle	3690-3702	30 BO	Dec.
Wheatland East NW NW SW, 17-15S-17W	Petroleum Management, Inc. #1 Leiker	Lans.-K.C. Arbuckle	3348-3351 3569-3570	220 BO 207 BO	Aug.
Gove					
Castle Rock C NW NW, 34-14S-27W	Pickrell Drlg. Co. #1 Rohr "B"	Mississippian	4246-4253	34 BO	April
Graham					
Dripping Springs C SW NE, 36-7S-25W	Chief Drlg. Co. #1 Moore	Lansing	3926-3929	136 BO	Sept.
Glen Dale South NW NW NE, 26-9S-24W	Don E. Pratt #1 Nickelson "B"*	Lans.-K.C.	3887-3890	52 BO	June
Knoll North C SW SW, 29-8S-25W	Rock Island Oil & Refn. Co. #1 Stevenson	Lansing	3888-3953	248 BO	Dec.
Lagere SE SW NE, 23-8S-23W	John P. Jennings #1 Lagere	Lansing	3436-3468	54 BO	July
Greenwood					
Quincy Northeast SE NE SE, 32-24S-13E	Edd Ashlock #1 Leo King	Mississippian	1622-1624	10 BO	March
Willow Creek SW SE SW, 31-22S-11E	Oscar Koepke #1 Feltner	Bartlesville	1975-2010	110 BO	Nov.

TABLE 20.—Oil and gas fields named in Kansas during 1966 (continued).

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month named
Harper					
Bauer C NE NW, 9-31S-6W	Alpine Oil & Royalty Co. #1 Lyle Bauer	Mississippian	4363-4371	481 BO	Jan.
Bauer South C NW NE, 16-31S-6W	Furseth, Hill & Darnell Oil Co. #1 Hoard	Mississippian	4333-4348	25 BO	May
Freeport South C SW NE, 7-33S-5W	Alladin Petrol. Corp. #1 Schamborn*	Simpson	4856-4858	116 BO & 93% water	Jan.
H K W C SE NW, 15-35S-6W	Jayson Oil Co. #1 Jade	Stalnaker Cottage Grove	3705 4022	3,200 Mcfg & 75 BO estimated	June
Seyb C NE NE, 36-31S-7W	Alladin Petrol. Corp. #1 Seyb-Williams*	Simpson	4689-4693	15 BO	Oct.
Hodgeman					
Mooney C NE SE, 19-22S-21W	Pickrell Drlg. Co. #1 Mooney "B"	Mississippian	4437-4445	55 BO	Jan.
Mooney East C SW NW, 21-22S-21W	Pickrell Drlg. Co. #1 Mooney "D"	Mississippian	4409-4412	3,780 Mcfg & 1 BO	Nov.
Kearny					
Beymer Northwest C SE SE, 19-21S-35W	Shallow Water Refn. Co. #1 Johnson	Marmaton	4608-4610	128 BO	Jan.
Kingman					
Allender C SW NW, 30-30S-6W	Rains & Williamson #1 Allender	Mississippian	4262	D & A	Jan.
Bonjour NW NW NE, 26-27S-5W	Kewance Oil Co. #1 Bonjour*	Mississippian	3740-3819	2,755 Mcfg	Sept.
Garlich C SW NW, 24-28S-8W	K & E Drlg., Inc. #1 Garlich	Simpson	4431-4432	56 BO	Aug.
Reida East C SW SE, 17-30S-6W	Shaw-Hughes #1 Riggs	Mississippian	4102-4107	12-14 BO & 225 BW	Aug.
Ruth C SW NE, 33-30S-7W	McClure Oil Co. #1 Wells	Viola	4743-4745	10 BO	March
Ruth Northeast C SE SW, 27-30S-7W	Leben & Hinks #1 Thomas	Mississippian	4375-4400	D & A	April
Thiessen C SW SW, 27-27S-7W	Mack Oil Co. #1 Thiessen	Viola	4233-4237	8 BO	Sept.
Zenda West C NE NE, 17-30S-9W	Sicra Petrol. Co. #1 Goetz	Mississippian	4307-4324	1,790 Mcfg	March
Kiowa					
Allstott C NW NE, 2-28S-18W	Rock Island Oil & Refn. Co. #1 Allstott	Lansing Marmaton	4214-4219 4627-4689	4,300 Mcfg 5,000 Mcfg	Sept.
Joy Station Southeast C NW NE, 35-28S-19W	Shenandoah #1 Unruh	Mississippian	4926	6,300 Mcfg	Dec.
Kane South C SE SE, 13-30S-18W	Carter Mandel #1 Kane	Mississippian	5023-5029	45 BO	Jan.
Martin C NW SW, 10-27S-20W	Gabbert-Jones & Bethryn Oil Co. #1 Charles Einsel	Mississippian	4852	20 BO	Nov.
Mule Creek Northwest C SE SE, 34-30S-18W	Graham-Michaelis Drlg., Inc. #1-34 Robbins	Mississippian	5028-5032	3 BO & 1,350 Mcfg	July
Nichols Southwest C NW NE, 3-30S-19W	Anadarko Prod. Co. #1 Smith "E"	Mississippian	5056-5086	7,150 Mcfg	Sept.
Pyle North C NE SW, 3-29S-16W	Eason Oil Co. #1-3 Pyle	Wabaunsee	3491-3492	500 Mcfg	Feb.
Leavenworth					
Easton NE SW NW, 25-8S-20E	Tom Holden & Harold Kottwitz #1 Collins	Mississippian	1460-1476	2,600 Mcfg	Jan.
McPherson					
Lindsborg Southwest C W/2 SE SW, 35-17S-4W	O. A. Sutton #2 Laurel*	Kinderhook	3460-3462	90 BO	July

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month named
Marion					
Durham East NW NW NW, 35-18S-2E	J. M. Stewart #1 Scully	Mississippian	2533-2543	3,250 Mcfg	July
Greve NE NW NW, 10-19S-2E	Frank Kieter #1 Greve	Mississippian	2598-2604	2,000 Mcfg	Sept.
Meade					
Adams Ranch West C NE NE, 32-34S-30W	Horizon Oil & Gas & E. Cox #1-32 Adams	Lansing Kansas City Morrowan	4540-4553 4832 5826-5827	4,200 Mcfg 2,620 Mcfg 2,750 Mcfg	Sept.
Easum C SE NW, 27-32S-29W	Edwin G. Bradley #1 Easum	Morrowan	5696	8,900 Mcfg	April
Johan C NE SW, 29-34S-27W	Apache Corp. #1 Johanson	Chesteran	6011-6025	1,600 Mcfg	June
Morton					
Borth West C SW NE, 13-33S-42W	Cities Service Oil Co. #1 Minor "B"	Morrowan	4982-4992	37 BO	Dec.
Sparks Southwest NW SE SE, 28-31S-42W	Cox #1 Clancy	Morrowan	4914-4954	6,200 Mcfg	Feb.
Ness					
Bazine Southeast C SW NE, 4-19S-21W	Pickrell Drlg. Co. #1 Margheim "A"	Ft. Scott	4156-4161	67 BO	Jan.
Doebbeling C NW SW, 32-18S-24W	McClure #1 Doebbeling	Mississippian	4406-4412	10 BO	April
McVicker C SE NE, 25-20S-26W	Mull Drlg. Co. #1 Wittman	Mississippian	4410-4417	91 BO	May
Mt. Carmel C SW NE, 19-20S-21W	Pickrell Drlg. Co. #1 Wittman	Mississippian	4350-4360	133 BO	July
Petersilie North NE SW SW, 11-20S-24W	Leben Drlg. Co. #1-"C" Petersilie	Mississippian	4440-4445	36 BO	May
Pawnee Bend C NE SW, 17-20S-23W	Pickrell Drlg. Co. #1 Johnson "E"	Mississippian	4374-4390	51 BO	Oct.
Reinert C NW NW, 35-20S-23W	Pickrell Drlg. Co. #1 Reinert "B"	Ft. Scott	4248-4252	72 BO	Jan.
Ryersee Northwest C NE NE, 34-18S-21W	Birmingham-Bartlett Drlg. Co. #1 Price "A"	Mississippian	4233-4237	137 BO	April
Start C NE SW, 12-17S-21W	N. C. R. A. #1 Start	Cherokee	4049-4054	220 BO	Feb.
Upstart C NE NE, 14-17S-21W	Pickrell Drlg. Co. #1 Elmore "D"	Cherokee	4094-4096	132 BO	Dec.
Pawnee					
Givens C SE SW, 19-22S-19W	Exploration & Development, Inc. #1 E. J. Givens*	Mississippian	4347	1,250 Mcfg	Aug.
Ideker SW NW SE, 2-21S-19W	Mull Drlg. Co. #1 L. H. Ideker	Cherokee	4218-4227	63 BO	July
Paramore SW SW SE, 11-23S-17W	Messman-Rinehart Oil Co. #1 Paramore	Conglomerate	4072-4083	2,500 Mcfg	Jan.
Paramore East SE SE NE, 13-23S-17W	Kewance Oil Co. #1-X Paramore*	Conglomerate	4109-4127	6,300 Mcfg	Sept.
Phillips					
Stoneman North E/2 NE SW, 17-4S-18W	Petroleum Management, Inc. #1 Jackson "B"	Lansing	3124-3302	88 BO & 10% Water	Feb.
Rawlins					
Cahoj East C SW NE, 11-1S-34W	Empire Drlg. Co. #1-A Horinek	Lansing	4098-4104	139 BO	March
Ruda C NW NW, 13-1S-34W	Empire Drlg. Co. #1 Ruda	Lans.-K.C.	4258-4264	92 BO	Aug.
Reno					
Fishburn C SW NW, 17-25S-5W	A. Scott Ritchie #1 Fishburn-Geffert	Viola	3821-3824	12 BO	Jan.
Shuff C NE NW, 34-23S-9W	Sierra Petrol. Co., Inc. #1 Schuff*	Mississippian	3765	2,482 Mcfg	July

TABLE 20.—Oil and gas fields named in Kansas during 1966 (concluded).

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month named
Rice					
Bell West C E/2 SE NW, 18-21S-10W	F. G. Holl & Nadel & Gussman #1 Miller	Lans.-K.C.	3104	D & A	Aug.
Blackhall N/2 SE SE, 5-21S-8W	Raymond Oil Co. #1 Blackhall	Arbuckle	3452-3470	132 BO	Nov.
Bull Creek West NE SE SW, 27-21S-8W	Northeastern Petrol. Co. #1 Nathan Fitzpatrick	Mississippian	3308-3326	1,500 Mcfg	June
Groves SW NW NW, 34-20S-10W	Shreiner Petrol. Co. #1 Groves	Lans.-K.C.	3054-3059	10 BO	Jan.
Shelton SE NW NE, 1-18S-10W	Chief Drlg. Co. #1 Shelton-Gillispie	Arbuckle	3241-3252	21 BO	Jan.
Rooks					
Elm Creek SW SW SW, 7-8S-17W	C-G Drlg. Co. #1 Hrabe "A"	Lansing	3319-3322	89 BO	Dec.
Lynd South SW NW NW, 9-10S-19W	Leo J. Dreiling & Jennings #1 Baldwin	Arbuckle	3764-3768	68 BO	Sept.
Minnie "O" South NW SE NE, 15-9S-17W	Bennett & Roberts #1 Westhusin	Arbuckle	3446-3452	61 BO	March
Riffel NW NE SE, 31-6S-17W	Nat'l. Assoc. Petrol. Co. #1 Riffel	Lansing	3177-3180	180 BO	Feb.
Thyfault SE SE SW, 6-8S-20W	Alkay Royalties #1 Thyfault*	Conglomerate	3429-3434	62 BO	Oct.
Wetherill NW NW SE, 32-10S-16W	Zenith Drlg. Corp. #1 Wetherill	Lansing	3309-3312	30 BO	Oct.
Rush					
Keough SW NE SW, 15-16S-20W	Pickrell Drlg. Co. #1 Keough "B"	Cherokee	3921-3923	90 BO	Nov.
Pleasant Dale NW SE NE, 12-16S-16W	Chief Drlg. Co. #1 Jones	Lansing Conglomerate	3197-3202 3411-3443	86 BO 165 BO	June
Schadel Northeast C SW NW, 29-19S-20W	Pubco Petrol. Corp. #29-5 Wells	Mississippian	4361-4363	131 BO	March
Stremel C SW 19-16S-16W	Frontier Oil Co. #1 Stremel	Lansing	3471-3479	100 BO	April
Russell					
Crabtree SW NE NW, 27-14S-12W	Bennett & Roberts #1 Morris	Lans.-K.C.	2866-2869	93 BO	Dec.
Kaufman NE SW SW, 19-15S-12W	A. Scott Ritchie #1 Kaufman "A"	Kansas City	3098-3123	9 BO	Jan.
Rolling Prairie SW NE NE, 26-15S-12W	Three G Oil, Inc. #1 Staudinger	Arbuckle	3307-3326	50 BO	Dec.
Sabesta SE NE SE, 36-15S-11W	S. & C. Drlg. Co. #1 Sabesta	Arbuckle	3292-3300	155 BO	April
Scott					
Crist C NE NW, 32-20S-34W	Cities Service Oil Co. #1 Crist "B"	Marmaton	4556-4562	206 BO	Aug.
Hugoton Northeast Gas Area NE NE SW, 26-18S-31W	Katex Oil Co. #1 Steinberg	Krider	2747-2748	1,000 Mcfg	Sept.
Seward					
Massoni East C NE SW, 2-33S-31W	Amarillo Natural Gas Co. & W. I. Fellers #1 Headrick	St. Louis	3903	84 BO & 300 Mcfg	Aug.
Sheridan					
Lucerne NW NW SW, 22-6S-26W	Okmar Oil Co. #1 Mowry	Lansing	3751-3754	66 BO	Nov.
Vahling SW NE SW, 24-6S-26W	Abercrombie Drlg., Inc. #1 Vahling*	Lansing	3760-3863	150 BO	May

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month named
Stafford					
Halley East SW SE SW, 34-24S-13W	Heller Drlg. Co. #1 Halley "A"	Kansas City	3878-3884	103 BO	Jan.
Leiss Northwest SE SW NE, 15-25S-13W	Rains & Williamson Oil Co. #1 Garner	Simpson	4211-4217	74 BO	July
McKittrick NE SE SE, 21-21S-11W	Raymond Oil Co. #1 McKittrick	Simpson Arbuckle	3342-3356	120 BO	May
Schmalian NW SW NW, 23-21S-13W	Circle Oil Co. #1 Schmalian	Lans.-K.C.	3461-3467	84 BO	Sept.
Setser NW NE SE, 9-21S-12W	Circle Oil Co. #1 Setser	Arbuckle	3489-3495	96 BO	Aug.
Snider Southeast NW NW SW, 14-21S-11W	F. G. Holl #1 Fair*	Lans.-K.C.	3106-3110	186 BO	Aug.
Wolf SE SW SE, 3-21S-12W	Aspen Drlg. Co. #1 Wolf	Lansing Arbuckle	3251-3254 3473-3484	202 BO 106 BO	Sept.
Sumner					
Bates SW NE SW, 31-30S-1W	Beardmore Drlg. Co. #1 Bates	Mississippian	3737-3743	150 BO	Feb.
Reusser C NW SW, 20-30S-1W	Herndon Drlg. Co. #2 Reusser	Simpson	3968-3973	71 BO	July
Voils East C NW NE, 16-30S-1W	Slawson Drlg. Co. Inc. #1 Hitchcock Estate "A"	Mississippian	3563-3565	45 BO	April
Trego					
Cotton South NE NW SE, 22-12S-21W	Tomlinson-Kathol, Inc. #1 King	Arbuckle	3955-3965	79 BO	Nov.
F C S SE SW NW, 20-12S-22W	Leo J. Dreiling #1 Staab "F"	Arbuckle	4100-4112	8 BO	Feb.
W-L SE SE SW, 12-11S-24W	Leo J. Dreiling #1 Walker	Lansing	3831-3835	102 BO	Dec.
Woodson					
South Owl Creek SE SE NE, 2-26S-15E	Paul King #1 Laidlaw	Mississippian	1421-1429	10 BO	Feb.

* Old well worked over.

Fields listed represent official action of the Kansas Geological Society's Nomenclature Committee during 1966. Initial production, producing zone, and depth data are from commercial well completion cards. Production depth footages have been changed to whole numbers, in some cases.

TABLE 21.—New producing zones discovered in Kansas oil and gas fields, 1966.

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month discovered
Barber					
Amber Mills C NE SE, 16-30S-12W	L. O. Tenk #1 E. Lawrenz	Viola	4468-4477	245 BO	March
Deerhead C NW NW, 27-32S-15W	Champlin Petrol. Co. #5 Baird	Elgin	3884-3888	34 BO & 258 Mcfg	July
Groendycke E/2 NE SE, 34-33S-12W	Bowers Drlg. Co. #1 Wright-Bevans	Mississippian	4704-4722	6 BO	Aug.
Palmer C SW NW, 14-32S-14W	Bowers Drlg. Co. #1 Elsea	Douglas	3886-3890	1,600 Mcfg	July
Palmer C NW SE, 18-32S-13W	Sierra Petrol. Co., Inc. #1-18 Brooks	Elgin Mississippian	3651-3654 3660-3674	100 BO 6,000 Mcfg	June
Perry Ranch* C NW SE, 1-32S-16W	Eason Oil Co. #1-1 Blk 3 Shuette	Cherokee Mississippian	4826-4840 4855-4860	12,500 Mcfg 14,000 Mcfg	Jan.
Barton					
Erna West SE SW NE, 25-18S-15W	Berentz Drlg. Co. #1 Schneidert	Lansing	3238-3286	38 BO	June
Great Bend Airport SW SW SE, 26-19S-14W	Petroleum Mgmt. Co. #9 Russell "A"†	Wabaunsee	2250-2256	10,900 Mcfg	Sept.
Kowalsky SE NW NW, 5-21S-11W	F. G. Holl #1 Hinnerst†	Conglomerate	3402-3408	11 BO	June
Rolling Green East SE SE SE, 25-20S-13W	Virginia Drlg. Co. #5 Lonnon	Lansing	3265-3280	25 BO	May
Cowley					
Vestal SW SE SE, 19-34S-3E	Wrico Drlg., Inc. #1 Musson	Simpson	3788-3791	65 BO	Nov.
Ellis					
Dechant West NW NW SE, 1-15S-19W	Imperial Oil Co. #1 Pfannenstiel "B"	Lans.-K.C. Arbuckle	3396-3400 3692-3697	81 BO 83 BO	March
Edseibel SW NE SW, 9-14S-20W	Birmingham-Bartlett Drlg. Co. #1 Edwin Seibel "B"	Lansing	3639-3656	110 BO	July
Mixer S/2 S/2 NW, 7-11S-20W	D & D Drlg. Co. #1 Mixer "C"	Lans.-K.C.	3397-3549	102 BO	Aug.
Ruder Southwest NE NW NE, 19-15S-18W	Fundamental Oil Corp. #1 F. Roth	Lans.-K.C.	3494-3502	96 BO	Feb.
Werth NW SW NW, 2-13S-20W	Petroleum, Inc. #1 Werth	Lansing	3446-3539	45 BO	July
Ellsworth					
Palacky SW NE NW, 6-17S-10W	Newman's, Inc. #1 Johanson	Lans.-K.C.	3114-3118	74 BO	March
Ford					
Little Coon Creek C SW NE, 33-25S-21W	Amarillo Natural Gas Co. #1 Butler "A"	Lans.-K.C.	4205-4207	136 BO	May
Grant					
Pollyana† C SE SE, 36-27S-35W	Rock Island Oil & Refn. Co. #1 Appleman	Toronto	4046-4050	252 BO	Jan.
Greenwood					
Ott NE NE SW, 18-22S-13E	Ken-Ben Enterprises #2 Ott	Lans.-K.C.	1102-1106	6 BO	March
Secley-Wick N/2 N/2 SW, 18-24S-12E	Snyder, Inc. #5 L. Barb	Mississippian	1808-1812	10 BO	Feb.
Harper					
Atica C NE NE, 17-32S-8W	Dorset Co. #1 Robinson	Mississippian	4360-4384	40 BO & 4,000 Mcfg	Sept.
H K W C SE NW, 15-35S-6W	Jayson Oil Co. #1 Jade	Lans.-K.C.	4018-4026	75 BO	Oct.
Haskell					
Lemon Northeast C SW NE, 26-29S-33W	Pan American Petrol Corp. #1 Dennis GU "B"	Morrowan	5356-5358	1 BO & 854 Mcfg	April

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month discovered
Kingman					
Belmont Center C NE SE, 22-29S-8W	Pickrell Drlg. Co. #1 Young "K"	Mississippian	4236-4245	122 BO & 622 Mcfg	March
Garlisch C NW SW, 24-28S-8W	K & E Drlg. Co. #1 Garlisch "B"	Viola	4444-4448	396 BO	Oct.
Maple Grove§ C SW NW, 1-31S-7W	Pickrell Drlg. Co. #1 Joslin "A"	Stalnaker	2541	2,211 Mcfg	Sept.
Orsemus SE NW SW, 30-29S-5W	Texaco, Inc. #2 Graber	Lans.-K.C. Viola-Simpson	3620-3624 4472-4512	81 BO	March
Kiowa					
Greensburg S/2 NE NE, 34-27S-18W	Rock Island Oil & Refn. Co. #1 Kern	Mississippian	4778-4783	20 BO	Dec.
Montgomery					
Wayside-Havana C NE NW, 25-34S-13E	Gralapp & Everly #1 Watson	Mississippian	1570-1582	400 Mcfg	Oct.
Morton					
Cimarron Valley Southwest C SW NE, 18-33S-40W	Anadarko Prod. Co. #3 Low "D"	Morrowan Stalnaker	5200-5208 5726-5729	170 BO 135 BO	April
Ness					
Prairie Ridge C NE NW, 18-16S-26W	Shell Oil Co. #1-18 Norton	Lans.-K.C.	4151-4162	130 BO	March
Reinert C NE NE, 34-20S-23W	Pickrell Drlg. Co. #1 Ashley	Mississippian	4323-4336	66 BO	Dec.
Norton					
Horesky C NW NE, 15-3S-23W	Cordillera, Inc. #1 Horesky	Conglomerate	3671-3673	D & A	Jan.
Pawnee					
Zook SE SE SE, 16-23S-16W	Kewanee Oil Co. #1 Irma	Arbuckle	4062-4063	8,000 Mcfg	Sept.
Gouldner NE SE NE, 16-18S-9W	Icer Addis #1 Schmitt-Hanna	Lans.-K.C.	2943-3059	10 BO	Nov.
Rice					
Schoepflin SE SW NW, 17-21S-9W	E. H. Adair #1 Schoepflin	Lans.-K.C.	2986-2990	10 BO	March
Rooks					
Minnie "O" SE SE NW, 10-9S-17W	Okmar Oil Co. #1 Flegg	Conglomerate	3419-3422	52 BO	Oct.
Twin Mound SE NE SE, 4-9S-17W	Pickrell Drlg. Co. #1 Hrahe "D"	Conglomerate	3441-3445	41 BO	March
Vohs Northeast SE SW SE, 1-10S-19W	Price Exploration Co. #1 Mayhew	Toronto	3390-3396	22 BO	July
Rush					
Keough S/2 NW SW, 15-16S-20W	Pickrell Drlg. Co. #2 Keough "B"	Arbuckle	3932-3943	81 BO	Dec.
Pleasant Dale NW SE NE, 12-16S-16W	Chief Drlg. Co. #1 Jones	Kansas City Conglomerate	3197-3207 3411-3443	86 BO 165 BO	July
Russell					
Russell North NE NE SE, 16-13S-14W	Mary Herman #1 McKinley	Wabaunsee	2353-2357	3,000 Mcfg	Oct.
Sedgwick					
Cheney SE SE NE, 7-27S-4W	Kern Drlg. Co. #1 Casad	Misener	3990-3993	81 BO	Feb.
Seward					
Knceland C NE SW, 14-34S-31W	Shenandoah Oil Corp. #1 Keating	Cherokee	5336-5342	180 BO	July
Wide Awake NE NE SW, 6-35S-34W	Amarillo Natural Gas Co. #1-6 Dowdy	Morrowan	6231-6236	5,023 Mcfg	Jan.

TABLE 21.—New producing zones discovered in Kansas oil and gas fields, 1966 (concluded).

County, field, and location of discovery well	Company and farm	Producing zone	Depth, ft	Initial production	Month discovered
Stafford					
Byron SE NW SW, 4-21S-12W	L. K. Parrish #2 Hewitt	Arbuckle	3444-3452	25 BO	March
Leiss Northwest S/2 SE NE, 15-25S-13W	Rains & Williamson #2 Garner	Lans.-K.C.	3790-3795	63 BO	Nov.
Roach NE NW SE, 12-22S-14W	J. E. Newman #1 Roach	Lansing	3500-3502	10 BO	Jan.
Syms Southeast NE NW SW, 22-21S-12W	Virginia Drlg. Co. #5 Hammeke	Lans.-K.C.	3355-3396	25 BO	June
Sumner					
Ashton Northwest W/2 SW SW, 13-34S-1E	Lario Oil & Gas Co. #1 Williamson "B"	Layton	2874	20 BO	Aug.
Olive Branch SE NE NE, 11-33S-3W	Leben Drlg. Co. #1 Porter	Mississippian	4018-4028	8 BO	Jan.
Trego					
Kuppetz NE SW NE, 4-14S-21W	Birmingham-Bartlett Drlg. Co. #1 Kuppetz	Lans.-K.C.	3696-3768	80 BO	March

* Perry Ranch field is in Barber and Comanche counties.

† Old well worked over.

‡ Pollyana field is in Grant and Haskell counties.

§ Maple Grove field is in Kingman and Harper counties.

Fields listed represent the official action of the Kansas Geological Society's Nomenclature Committee during 1966. Initial production, producing zone, and depth data are from commercial well completion cards. Production depth footages have been changed to whole numbers, in some cases.

TABLE 22.—Fields revived in Kansas during 1966.

County, field, and location of revival well	Company and farm	Producing zone	Revival well			Year field dis- covered	Cumulative production*
			Depth, ft	Initial production	Month revived		
Barber Amber Mills C NE SE, 16-30S-12W	L. O. Tenk #1 E. Lawrenz	Viola	4468-4477	245 BO	March	1951	.....
Barton Pospishel SW NW SW, 21-17S-15W	Pickrell Drlg. Co. #1 Pospishel	Arbuckle	3580-3585	D & A	Sept.	1939	17,800 BO
Sunny Valley Southwest SE NW NW, 24-20S-13W	Circle Oil Co. #1 Batchman	Lansing	3340-3344	298 BO	July	1954	12,844 BO
Butler Butwick† NW NW SW, 7-26S-3E	Winnie & Larson Trust Co. #1 DeMoss‡	Mississippi	2803-2850	18 BO & 40 BW	Oct.	1949	105,067 BO
Cowley Darion SE NE SW, 33-30S-4E	Petroleum Mgmt. #1 Cobble	Arbuckle	3270-3274	64 BO	Nov.	1939	265,138 BO
Ellis Pleasant Southeast NW SW NW, 18-14S-19W	Raymond Oil Co. #1 Kraus	Arbuckle	3796-3807	44 BO	Jan.	1960	.....
Ruder Southwest NE NW NE, 19-15S-18W	Fundamental Oil Corp. #1 Felix Roth	Lansing-K.C.§	3494-3502	96 BO	Feb.	1959	513 BO
Ellsworth Palacky SW NE NW, 6-17S-10W	Newmans, Inc. #1 Johanson	Lansing	3114-3119	74 BO	March	1949	35,597 BO
Harper Attica C NE NE, 17-32S-8W	Dorset Co. #1 Robinson	Mississippi	4364-4384	48 BO & 4,000 Mcfg	Sept.	1958	1,135 BO
Norton Horesky C NW NE, 15-3S-23W	Cordillera, Inc. #1 Horesky	Arbuckle	3671-3673	D & A	Jan.	1959	.....
Pawnee Zook SE SE SE, 16-23S-16W	Kewanee Oil Co. #1 Irma	Arbuckle	4062-4063	8,000 Mcfg	Sept.	1942	7,016 Mcfg
Rice Gouldner NE SE NE, 16-18S-9W	Icer Addis #1 Schmitt- Hanna	Lansing	2943-3059	10 BO	Nov.	1935	254,995 BO
Sedgwick Cheney SE SE NE, 7-27S-4W	Kern Drlg. Co. #1 Casad	Misener	3990-3993	81 BO	Feb.	1935	3,700 BO
Sheridan Studley Southwest C NW SW, 33-8S-26W	Petroleum, Inc. #1 Pratt "B"	Lansing	3645-3710	62 BO	Nov.	1945	120,491 BO
Stafford Byron SE NW SW, 4-21S-12W	L. K. Parrish #2 Hewitt	Arbuckle	3444-3452	25 BO	March	1943	39,053 BO
Roach NE NW SE, 12-22S-14W	J. E. Newman #1 Roach‡	Lansing	3500-3502	10 BO & 25 BW	Jan.	1940	.....

* Production before field was abandoned.

† Butwick field is also in Sedgwick County.

‡ Old well worked over.

§ New producing zone.

Fields listed represent the official action of the Kansas Geological Society's Nomenclature Committee during 1966. Initial production, producing zone, and depth data are from commercial well completion cards.

TABLE 23.—Fields combined in Kansas during 1966.

County, combined field, and discovery well location	Discovery well	Producing area, acres	Production zone		Cumulative production, bbl	Year of discovery	Month of combination	Combined as part of
			Name	Depth, ft				
Graham Red Line North 20-9S-22W	J. F. Darby #1 Ferrel	240	Lansing-K.C.	3,676	90,158	1955	July	Red Line Northwest
Phillips Stoneman South 29-4S-18W	Petroleum Mgmt., Inc. #1 Van DerWege	40	Lansing	3,104	4,477	1965	April	Stoneman
Stanton Beauchamp East 24-30S-41W	Western Nat'l. Gas Co. #1 Armstrong	.....	Morrow (gas)	5,018	.....	1959	July	Beauchamp

Data represent the official action of the Kansas Geological Society's Nomenclature Committee during 1966.

TABLE 24.—Fields abandoned in Kansas during 1966.

County, field, and location of discovery well	Discovery well	Producing zone	Depth, ft	Cumulative production, bbl	Year discovered	Month abandoned
Comanche Yellowstone Northwest 8-35S-16W	Anadarko Production Co. #1 McMoran "A"	Mississippian	5,270	922	1966	June
Kingman Ruth 33-30S-7W	McClure Oil Co. #1 Wells	Viola	4,741	none	1966	April

Data represent the official action of the Kansas Geological Society's Nomenclature Committee during 1966.

TABLE 25.—Significant dry wildcat tests drilled in Kansas during 1966.

County, company, and farm	Location Sec., T,R	Surface elevation, ft (KB)	Depth to top of deepest formation, ft					Total depth, ft
			St. Louis	Spergen	Osage	Simpson	Arbuckle Precambrian	
Chase County Continental Oil Co. #1 Mary Berns	SE NW SE 24-21S-6E	1,444	.....	.....	.....	.....	3,628	3,635
Continental Oil Co. #1 Trussell	NE NE SE 25-21S-6E	1,419	.....	.....	.....	.....	3,870	3,900
Gray County Mobil Oil Co. #1 Koehn	C SW NW 24-28S-29W	2,725	.....	5,450	.....	.....	.....	5,510
Meade County Apache Corp. #1 Johannsen-Barby Unit	C SE NW 32-34S-27W	2,334	6,626	.....	.....	.....	.....	6,797
Stevens County Mobil Oil Co. #1 Headrick	C SW NW 3-35S-37W	3,135	.....	.....	.....	7,934	.....	8,007
Wichita County Union Oil Co. #1-6 Allen	C SE NW 6-18S-36W	3,322	.....	.....	5,585	.....	.....	5,600
Mull Drlg. Co. #1 Boland	SE NW NW 14-20S-36W	3,194	.....	5,162	.....	.....	.....	5,200

TABLE 26.—Estimated reserves of crude oil, natural gas liquids, total liquid hydrocarbons, and natural gas, 1957-1966.

Year	Crude oil, thou bbl	Natural gas liquids, thou bbl	Total liquid hydrocarbons, thou bbl	Natural gas, M M cu ft
1957	947,484	189,155	1,136,639	19,295,978
1958	922,434	199,552	1,121,986	20,233,847
1959	917,503	196,912	1,114,415	19,981,403
1960	883,849	198,403	1,082,252	19,620,224
1961	878,027	183,579	1,061,606	19,190,005
1962	862,410	179,096	1,041,506	18,668,561
1963	841,349	169,241	1,010,590	17,994,235
1964	796,541	209,986	1,006,527	17,278,142
1965	751,629	200,317	951,946	16,596,404
1966	726,429	246,500	972,929	15,923,275

Data from American Petroleum Institute and American Gas Association.

TABLE 27.—Kansas oil-field statistics, 1966.

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abd., 1966	Producing zone	
			During 1966	To end of 1966			Depth, ft	Thick. news, ft	Avg. gravity
ALLEN COUNTY								
Bronson-Xenia	17-25S-21E	1,750	187,242		116	1	700	18 29
Also in Bourbon County								
Colony West ('22)	15-23S-18E	200	3,245		18	0	820	30 32
Also in Anderson County								
Davis-Bronson	24S-21E	360	10,407		33	3	720	25 28
Also in Anderson and Bourbon counties								
Elsmore Shoestring ('08)	5-26S-21E	2,050	30,706		50	7	650	24 32
Also in Bourbon County								
Elsmore West ('11)	12-26S-20E	150	2,106		9	10	775	20 31
Humboldt-Chanute	26S-18E	11,740	245,496		1,067	35	850	20 30
Also in Neosho, Wilson, and Woodson counties								
Iola ('37)	24S-18E	2,000	96,267		260	4	850	25 32
Moran ('03)	25S-20E	2,400	210,058		146	0	975	20 20
Neosho Falls-Leroy ('05)	35-22S-16E	120	2,451		7	1	820	22 22
Also in Coffey and Woodson counties								
Savonburg	26S-21E	320	47,875		29	0	1,200	31 31
Also in Bourbon County								
Seibert	5-26S-20E	180	3,980		9	0	680	
Miscellaneous		20	154		1	9		
Total Allen County		21,290	846,457	27,710,800 recorded	1,751	70		
ANDERSON COUNTY								
Bush City Shoestring ('21)	28-20S-21E	2,980	160,014		759	3	700	20 35
Centerville	10-21S-22E	120	10,759		13	0	740	11 36
Also in Linn County							480	15 27
Colony-Welda ('16)	4-23S-19E	1,900	60,715		182	0	600	15 15
Colony West ('22)	15-23S-18E	980	96,001		113	0	850	20 35
Also in Allen County							825	35 32
Garnett Shoestring ('04)	32-30S-20E	480	12,241		32	35	725	20 32
ATCHISON COUNTY								
<p>Oil production, bbl: 1,751,800 recorded</p> <p>Producing wells: 1,751</p> <p>Wells abandoned: 70</p> <p>Depth, ft: 700-825</p> <p>Thick. news, ft: 18-35</p> <p>Avg. gravity: 29-32</p>								

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Garnett West	120	1, 891	3	0					
Kincaid ('21)	500	4, 347	50	0				750	12 26
Selma ('29)	80	.433	8	0				850	25 26
Total Anderson County	<u>7, 060</u>	<u>346, 658</u>	<u>728</u>	<u>38</u>					
		22, 067, 938							
		recorded							

ATCHISON COUNTY

Worner ('64)	40	no report	0	1				2, 375	2 27
Total Atchison County	<u>40</u>	<u>0</u>	<u>0</u>	<u>1</u>					
		916							
		916							

BARBER COUNTY

Actna Gas Area ('35)	18, 000	11, 390	64	1				4, 850	7
Actna Northwest ('62)	60	1, 833	2	1				5, 215	
Amber Creek ('52)		no report		0				4, 296	30
Bloom ('55)	40	5, 583	2	0				4, 310	30 37
Bloom North ('59)	80	14, 425	3	0				4, 672	3
Boggs Southwest ('55)	1, 780	1, 055	19	0				4, 230	20
Brooks-Younger ('55)	80	no runs	2	0				4, 456	
Clara ('48)	40	2, 682	1	0				4, 423	5 29
Also in Pratt County								4, 472	40
D Deerhead ('43)	680	16, 803	11	0				4, 950	9 26
D Deerhead North ('64)	580	196, 833	10	0				4, 792	6
								4, 965	3
								4, 992	5
D DeGeer Southwest ('63)	120	46, 971	3	0				4, 845	54 40
D DeGeer West ('62)	40	no runs	1	0				4, 753	25 38
D Donald ('46)	760	58, 421	13	0				4, 697	
E Eads ('58)	40	no runs	1	1				4, 561	9
Also in Pratt County									
E Elsea ('56)	120	no runs	3	0				4, 625	20 31
E Elwood ('56)	1, 000	no runs	8	0				4, 662	20
G Glick East ('61)		no report		0				3, 662	10
G Groenbycke ('66)	80	307	2	0				4, 703	41
G Gudeman ('54)	40	no runs	1	0				4, 704	18
H Hardtner ('54)	2, 440	62, 071	58	1				5, 152	10 47
								4, 782	6 15

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells aband. 1966	Producing zone		Avg. gas- ratio	
			During 1966	To end of 1966			Depth, ft.	Thick- ness, ft.		
BARBER COUNTY (concl.)										
Highway ('56)	14-32S-11W	200	4,751	170,156	5	0	Douglas	3,587	16	26
ILS ('54)	9-31S-11W	160	1,221	6,164	8	0	Douglas	3,766		
Ketner ('63)	9-31S-13W	80	no runs	15,215	2	0	Marmaton	3,789	4	
Lake ('58)	26-31S-14W	40	no runs	6,664	1	0	Arbuckle	4,747	5	30
Lake City ('37)	7-31S-13W		no report	307,865		0	Viola	4,435		43
							Simpson	4,530		
							Arbuckle	4,607		
Iandis ('55)	21-34S-11W	40	217	5,743	2	1	Mississippian	4,630	10	25
Little Bear Creek ('54)	12-32S-14W	40	2,450	10,534	1	0	Douglas	3,808	16	25
							Lans.-K. C.	3,891	10	
							Viola	4,670	10	
McClure ('66)	30-32S-11W	160	12,489	12,489	4	0	Snyderville	3,550	10	34
McGuire-Goemann ('55)	29-32S-10W	450	1,325	40,508	9	0	Mississippian	4,433	20	
McKynolds ('55)	19-31S-10W	90	5,459	10,247	3	1	Mississippian	4,520	2	35
Medicine Lodge-Boggs ('37)	13-33S-13W	4,280	140,802	5,671,262	57	1	Lans.-K. C.	3,930		27
							Marmaton	4,664	18	37
Medicine Lodge North ('54)	25-32S-13W	1,200	36,454	940,904	28	2	Mississippian	4,480	13	37
Medicine River ('64)	4-32S-12W	40	90	450	1	0	Mississippian	4,208		
Mingona ('62)	21-31S-13W	80	22,525	72,340	2	0	Douglas	3,727		
							Simpson	4,545	2	
Moffett West ('65)	9-30S-15W	120	19,042	19,245	3	0	Viola	4,576	40	36
Mulberry ('63)	31-30S-14W	40	2,689	23,810	1	0	Douglas	3,870	4	
Mulberry East ('65)	32-30S-14W	40	5,121	5,121	1	0	Douglas	3,673	2	
Nippawalla ('51)	13-33S-12W	160	155	2,801	4	1	Douglas	3,659		
Nurse ('53)	13-31S-13W		no report	694		0	Mississippian	4,190	6	28
Palmer ('58)	30-32S-13W	1,260	62,970	595,881	33	0	Shawnee	3,651	9	26
							Marmaton	4,477	11	26
Perry Ranch ('58)	12-32S-16W	80	no runs	2,400	2	1	Mississippian	4,524	22	
Also in Comanche County							Viola	4,923	7	44
Rhodes ('49)	15-33S-11W	4,500	486,864	7,545,260	138	0	Mississippian	4,785		
Rhodes Northeast ('56)	2-33S-11W	620	1,618	29,731	15	0	Mississippian	4,480	20	26
							Viola	4,803		
							Mississippian	4,400	10	

Rhodes South ('57)	6-34S-11W	340	15,731	238,089	11	0	Mississippi	4,584	30
Roundup South ('53)	33-33S-11W	40	no runs	1,832	1	0	Mississippi	4,457	
Salt Fork ('58)	12-35S-15W	740	18,831	100,863	5	0	Mississippi	4,955	28
Schubach ('66)	10-34S-11W	10	no report	0	1	1	Mississippi	4,572	12
Sharon ('55)	13-32S-10W	800	12,073	294,661	8	2	Mississippi	4,355	10
Sharon Northwest ('56)	11-32S-10W	860	1,686	40,690	17	0	Mississippi	4,347	10
Skinner ('43)	29-31S-14W	640	15,546	2,299,251	8	0	Viola	4,582	30
Stumph ('52)	7-32S-14W	560	13,403	357,724	15	1	Simpson	4,626	38
Sun City ('41)	35-30S-15W	200	1,163	1,646,618	3	1	Mississippi	4,801	4
Traffas ('55)	6-33S-10W	40	976	1,651,947	2	1	Simpson	4,963	7
Turkey Creek East ('57)	21-30S-15W	400	20,226	746,064	9	2	Lans.-K. C.	4,344	20
Warwick ('65)	12-31S-11W		no report	0	2	0	Mississippi	4,590	28
Wells ('57)	18-34S-15W	60	90	2,877	2	0	Viola	4,557	5
Whelan ('34)	32-31S-11W	960	15,183	3,620,026	14	0	Mississippi	4,503	5
Whelan Southwest ('54)	11-32S-12W	120	2,410	30,391	3	0	Cherokee	4,768	10
Whelan West ('55)	25-31S-12W		no report	12,887	1	0	Mississippi	4,785	24
Wolgamott ('37)	16-35S-14W	40	354	3,875	1	0	"Chat"	4,355	27
Miscellaneous			no report		0	3	Mississippi	4,229	11
Pools or fields abandoned							Mississippi	4,284	8
Total Barber County		45,470	1,365,435	832,414	631	21	Cherokee	4,865	4
				30,026,620					

BARTON COUNTY

Ahrens ('63)	16-19S-11W		no report	1,972	0	0	Penn. congl.	3,330	7
Ameh ('51)	19-18S-11W	80	14,000	136,075	2	0	Lans.-K. C.	3,103	50
Ames ('43)	22-18S-11W	1,960	71,286	2,586,869	38	0	Lans.-K. C.	3,042	10
Ames Northwest ('47)	9-18S-11W	40	11,672	86,174	1	0	Arbuckle	3,348	35
Ash Creek ('47)	31-20S-15W		no report	471,716	0	0	Lans.-K. C.	3,106	6
Also in Pawnee County							Arbuckle	3,312	20
Axman ('49)	19-17S-14W	300	13,152	226,854	7	2	Arbuckle	3,790	43
Axman Northeast ('65)	18-17S-14W	180	41,435	55,970	3	0	Lans.-K. C.	3,136	11
Bailey ('56)	30-18S-11W	180	36,891	363,843	6	0	Arbuckle	3,400	37
Barrett ('43)	36-16S-14W	580	8,897	360,192	6	0	Lans.-K. C.	3,270	5
							Arbuckle	3,396	21
							Lans.-K. C.	3,355	5
							Arbuckle	3,463	40

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and Year of discovery	Location of discovery well — Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells abd., 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft.	Thick- ness, ft.	Avg. gravity
BARTON COUNTY (cont.)										
Bart-Staff ('51) Also in Stafford County	4-21S-14W	640	39,229	1,202,414	13	0	Lans.-K. C. Simpson Arbuckle	3,396 3,534 3,572	5 6 6	40
Batchman ('50)	19-20S-12W	480	18,043	277,781	8	1	Lans.-K. C. Arbuckle	3,201 3,459	6 21	29 35
Beaver ('34)	16-16S-12W	2,440	91,603	5,072,694	40	1	Oread Toronto "Gorham" Arbuckle Reagan Topeka Arbuckle Lans.-K. C. "Sooy"	2,885 2,938 3,340 3,348 3,335 2,702 3,316 3,154	6 5 12 5 10 10 42	35 35 41
Beaver North ('37) Also in Russell County	4-16S-12W	320	8,810	820,640	5	0	Arbuckle	3,359	10	38
Beaver South ('45)	27-16S-12W	1,800	80,888	2,354,347	38	3	Arbuckle Lans.-K. C.	3,719 3,201	6 12	37 37
Behrens ('44) Bend ('61)	6-20S-15W 11-20S-13W	600 200	8,362 7,465	687,106 79,058	7 5	0	Arbuckle Lans.-K. C. Arbuckle	3,359 3,447	8 37	37 37
Beran ('62)	24-17S-12W	80	5,919	43,996	2	0	Arbuckle	3,319	8	37
Bergtal South ('51)	27-20S-15W	120	17,329	47,329	3	0	Arbuckle	3,672	4	37
Bernard ('50)	10-19S-11W	320	9,058	501,792	11	0	Shawnee Lans.-K. C. Arbuckle	2,866 3,224	6 10	38
Blood Creek ('50) Bloomer ('36) Also in Ellsworth and Rice counties	9-18S-13W 36-17S-11W	40 1,080	2,463 100,794	11,885 12,882,652	1 47	0	Lans.-K. C. Lans.-K. C. Arbuckle	3,162 3,044 3,257	7 8 43	43
Bottoms ('58) Boyd ('42)	36-18S-12W 4-18S-14W	140 3,660	11,047 164,779	163,211 10,872,279	3 99	0	Lansing Lans.-K. C. Arbuckle Precambrian	3,144 3,177 3,438 3,311	10 37 12	36 37
Boyd Southeast ('66) Boyle ('66)	17-18S-13W 32-17S-14W	20 10	5,025 2,598	5,025 2,598	1 1	0	Arbuckle Lans.-K. C.	3,295 3,165	5 3	40
Capitol View ('50)	9-17S-14W	500	8,306	245,832	7	0	Lans.-K. C. Arbuckle	3,230 3,450	37	37
Chaffee South ('64) Chase-Silven ('36) Also in Rice and Stafford counties	7-20S-13W 33-19S-9W	40 21,710	12,505 1,282,344	29,114 103,340,181	1 511	1 27	Arbuckle Lans.-K. C. Arbuckle Kansas City Marmaton Boydles Lans.-K. C.	3,308 3,117 2,910 3,450	21 2 2 1	37

Carroll ('44)	21-17S-14W	2,300	141,258	4,932,617	64	1	Lans.-K. C. Arbuckle	3,109	4	39
Carroll Southeast ('64)	27-17S-14W	40	3,605	10,421	1	0	Arbuckle	3,356	16	
Carroll Southwest ('47)	32-17S-14W	100	1,353	80,968	3	0	Lans.-K. C.	3,349	4	36
Chaffee ('63)	31-19S-13W	400	58,269	237,654	11	0	Lans.-K. C. Arbuckle	3,193	8	5
Chaffee South ('64)	7-20S-13W	40	12,505	25,144	1	1	Kansas City Marmaton	3,180	5	
Chase-Silica ('30)	32-19S-9W	21,740	1,282,344	103,340,181	514	27	Douglas Lans.-K. C.	3,338	24	37
Also in Rice and Stafford counties										
Cheyenne ('59)	4-19S-12W	740	112,417	834,787	20	1	Arbuckle	3,417	2	48
Cheyenne View ('49)	12-19S-12W	2,640	172,483	5,875,920	114	3	Lansing Penn. congl.	2,950	7	40
Cheyenne View East ('57)	13-19S-12W	40	1,856	53,573	1	0	Lans.-K. C.	2,955	6	40
Cheyenne West ('66)	5-19S-12W	20	18,104	18,104	2	0	Lans.-K. C.	3,100	6	40
Christians ('66)	24-16S-13W	30	28,507	28,507	3	0	Arbuckle	3,393	17	
Clafin Northeast ('55)	3-18S-11W		no report	27,596		1	Arbuckle	3,408	4	41
Clafin Northwest ('62)	33-17S-11W	200	3,445	55,291	4	0	Lans.-K. C.	3,120	4	42
Clarence ('53)	35-19S-15W	260	6,877	246,141	7	0	Lans.-K. C. Reagan	3,235	7	42
Converse ('41)	20-20S-15W	40	no runs	26,440	1	0	Arbuckle	3,367	9	
Davidson ('30)	4-16S-11W	200	13,024	311,943	7	0	Lans.-K. C. "Sooey"	3,421	9	41
Also in Russell County										
Deines ('59)	16-16S-14W	40	292	4,546	1	0	Lansing	3,040	21	38
Demel ('57)	6-17S-11W	280	10,816	206,402	7	1	Lansing Arbuckle	3,291	6	23
Dist. 65 ('60)	24-18S-14W	40	no runs	4,173	1	0	Lans.-K. C.	3,534	12	
Eberhardt ('35)	14-19S-11W	320	4,026	539,742	5	0	Lans.-K. C.	3,531	12	
Ellinwood North ('37)	33-19S-11W	800	24,947	1,475,663	24	0	Lans.-K. C. Arbuckle	3,776	24	
Erna ('61)	30-18S-14W	40	1,354	34,118	1	0	Lans.-K. C.	3,016	9	38
Erna South ('65)	31-18S-14W	120	28,455	31,744	3	0	Arbuckle	3,300	9	
Erna Southeast ('61)	29-18S-14W	180	9,963	116,769	3	0	Lans.-K. C. Penn. congl.	3,314	4	34

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thickness, ft	Avg. gravity
BARTON COUNTY (cont.)										
Erna West ('66)	25-18S-15W	10	2,741	2,741	3	0	Lansing Arbuckle	3,246 3,525	8 12	38
Fess ('53)	13-19S-14W	40	1,795	56,922	1	0	Lans.-K. C.	3,326	9	38
Feist ('35)	29-18S-11W	220	5,882	213,407	5	0	Lans.-K. C. Penn. congl.			
Feist North ('59)	20-18S-11W	60	9,979	47,486	2	0	Lansing Arbuckle	3,104 3,410	8 4	
Finger ('63)	12-17S-13W	120	20,311	43,403	2	0	Lans.-K. C.	3,137	3	
Finn ('59)	31-17S-13W		no report	4,556	0	0	Lans.-K. C. Arbuckle	3,109 3,332	2 4	35
Frank ('52)	7-19S-12W	120	43,661	110,932	3	0	Lans.-K. C.	3,322	6	
Frank North ('66)	5-19S-12W	20	6,516	6,516	2	0	Arbuckle	3,379	9	40
Ft. Zarah ('50)	30-19S-12W	2,980	99,110	6,072,253	86	3	Lans.-K. C. Arbuckle	3,157 3,384	6 6	37 37
Ft. Zarah North ('51)	19-19S-12W	100	7,053	157,451	2	0	Lans.-K. C. Arbuckle	3,208 3,436	6 3	37 37
Ft. Zarah West ('61)	25-19S-13W	300	72,853	344,628	7	0	Arbuckle	3,395	2	
Galatia ('58)	11-16S-15W	160	19,158	63,195	4	0	Lansing	3,193	3	40
Galatia East ('59)	12-16S-15W	40	10,309	19,843	1	0	Lansing	3,152	8	42
Galatia North ('61)	12-16S-15W	200	25,321	71,239	4	0	Lans.-K. C.	3,180	5	39
Galatia South ('64)	13-16S-15W	320	13,415	46,303	6	0	Lansing	3,181	13	
Great Bend Airport ('52)	20-19S-14W	360	27,446	744,527	9	0	Lans.-K. C. Arbuckle	3,320 3,473	4 4	40 32
Great Bend Southwest ('52)	25-19S-14W	100	3,902	121,689	2	0	Lans.-K. C.	3,322	4	
Great Bend Townsite ('53)	21-19S-13W	1,140	42,390	1,265,090	28	2	Lans.-K. C. Arbuckle	3,196 3,441	30 4	
Great Bend West ('51)	23-19S-14W	40	517	80,775	1	0	Lans.-K. C.	3,332	5	36
Hall-Gurney ('31) Also in Russell County	30-14S-13W	540	76,465	3,144,975	31	1	Shawnee Lans.-K. C. "Sooy"	3,066		
Hammeke ('50)	17-19S-11W	200	5,600	161,229	5	0	Arbuckle	3,065	32	40
Hammeke Southeast ('50)	17-19S-11W	80	3,079	126,190	2	0	Lans.-K. C.	3,089	7	40

Hammeke West ('59)	18-19S-11W	180	6,747	113,049	3	0	Lansing	3,078	3	41
Hammer ('40)	35-19S-12W	1,100	140,720	3,509,558	39	0	Arbuckle Lans.-K. C.	3,345	6	
Harrison ('42)	18-20S-13W	40	no runs	46,701	1	0	Arbuckle	3,348	8	
Hawkins ('52)	3-19S-13W	300	6,413	167,221	6	0	Lans.-K. C. Arbuckle	3,403	6	37
Heizer ('35)	16-19S-14W	40	984	69,058	1	0	Arbuckle	3,520	16	40
Heizer Southwest ('52)	21-19S-14W	180	1,822	115,056	3	0	Lans.-K. C. Lans.-K. C.	3,393	2	
Heizer West ('55)	17-19S-14W	80	no runs	96,689	2	0	Arbuckle	3,228	2	39
Herman ('66)	18-16S-14W	10	18,268	18,268	1	0	Lans.-K. C.	3,379	11	
Hiss ('36)	31-20S-13W	900	18,027	1,157,802	13	0	Arbuckle	3,552	38	
Hiss East ('52)	33-20S-13W	80	10,077	100,812	2	0	Lans.-K. C.	3,237	11	
Hiss South ('50)	31-20S-13W	100	3,888	164,709	3	0	Lans.-K. C.	3,546	38	
Also in Stafford County										
Hiss Southeast ('48)	32-20S-13W	120	5,057	271,583	5	0	Arbuckle	3,138	30	40
Hlavaty ('59)	31-17S-14W	40	4,038	42,258	2	0	Lans.-K. C.	3,270	5	40
Hoisington East ('54)	23-17S-13W	40	1,824	145,545	1	0	Lans.-K. C.	3,383	18	
Hoisington Southwest ('54)	20-17S-13W	80	2,303	59,450	2	0	Arbuckle	3,549		
Homestead Northeast ('63)	23-18S-13W	100	16,035	46,823	2	0	Lans.-K. C.	3,292	37	
Homestead Southeast ('66)	23-18S-13W	20	1,737	1,737	1	0	Arbuckle	3,542	31	
Hood ('59)	3-20S-12W	80	1,578	17,912	2	0	Lans.-K. C.	3,414	16	36
James ('54)	20-19S-12W	120	19,211	91,448	3	1	Arbuckle	3,172	3	41
Jettie ('54)	27-20S-14W	80	3,105	111,759	2	0	Lans.-K. C.	3,140	5	37
Jettie West ('66)	28-20S-14W	10	804	804	1	1	Arbuckle	3,338		
Kimpler ('55)	31-18S-11W	200	10,562	190,980	5	0	Lans.-K. C.	3,282	21	38
Klepper ('51)	2-19S-11W	300	6,808	257,293	6	0	Arbuckle	3,363	6	39
Klepper North ('59)	2-19S-11W		no report	6,223			Lansing	3,111	11	
Knop ('61)	9-19S-12W	480	73,621	351,788	10	0	Lans.-K. C.	3,127	12	
Koopman ('53)	23-19S-13W	80	8,507	81,173	2	0	Lans.-K. C.	3,108	2	38
							Simpson	3,278	6	
							Arbuckle	3,534	6	
							Penn. congl.	3,569	2	
							Lans.-K. C.	3,529	9	
							Arbuckle	3,184	3	40
							Lans.-K. C.	3,413	6	40
							Lans.-K. C.	3,220	3	38
							Lans.-K. C.	3,019	3	
							Lans.-K. C.	3,131	5	37
							Lans.-K. C.	3,220	3	
							Arbuckle	3,398	11	

Table 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abdl. 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
BARTON COUNTY (cont.)										
Kowalsky ('41) Also in Stafford County	32-20S-11W	820	31,486	2,781,700	24	1	Lans.-K. C. Penn. congl. Arbuckle	3,185	4	49
Kraft-Prusa ('37) Also in Ellsworth County	10-17S-11W	18,080	2,010,071	107,673,133	705	13	Shawnee Douglas Lans.-K. C. "Gorham" Arbuckle Reagan Precambrian Lans.-K. C. Arbuckle	3,378 2,885 2,997 3,160 3,335 3,281 3,310	10 11 10	42 34 41
Kraft-Prusa Northeast ('41)	36-16S-11W	240	9,616	520,097	6	2	Lans.-K. C. Arbuckle	3,250 3,351	8	38
Kruckenbergl ('39) Lake Barton ('48)	13-19S-15W 21-18S-13W	600	no report 35,725	29,120 487,294	21	4	Arbuckle Lans.-K. C. Arbuckle	3,562 3,143 3,372	6 12	39 30
Lanterman ('34)	15-19S-11W	900	12,668	1,208,923	10	0	Lans.-K. C. Arbuckle	3,109 3,235	3	35
Larkin ('51) Larkin West ('66)	10-17S-14W 10-17S-14W	40 10	1,907 3,448	143,037 3,448	1	0	Lans.-K. C. Lans.-K. C.	3,280 3,206	6 12	37 35
Laud ('61) Leoville ('50)	23-18S-14W 7-17S-14W	700	no report 92,892	0 1,982,940	23	4	Arbuckle Lans.-K. C. Penn. congl. Arbuckle	3,401 3,267 3,439 3,464	3 2	38
Liberty ('52) McCauley ('49)	23-20S-14W 34-17S-13W	80 160	1,299 2,493	33,548 32,546	2	0	Lans.-K. C. Shawnee Lans.-K. C. Arbuckle	3,341 2,910 3,276 3,366	5 6 4	35
Mary A ('66) Marquis ('60) Mary Ida ('50) Also in Rice County	23-17S-15W 4-17S-14W 31-18S-10W	40 40	19,916 no runs	19,916 10,742	4	0	Lans.-K. C. Lans.-K. C. Lans.-K. C.	3,414 3,198	3 4	42 41
Mary Ida North ('52) Mater ('65)	25-18S-11W 11-17S-15W	160 560	12,470 88,052	143,889 99,263	3	1	Production through '62 was 634,535 Since '62 it is included with Rice County Arbuckle Lansing Arbuckle	3,272 3,304 3,218 3,463	5 7 24	36 36 47

Mater South ('66)	14-17S-15W	10	15,908	15,908	2	0	Arbuckle	3,514	3	31
Maybach ('62)	24-20S-14W		no report	3,952	0	0	Lans.-K. C.	3,401	7	31
Meadowside ('49)	24-18S-11W	280	24,903	709,219	7	0	Lans.-K. C.	3,079	12	38
Meadowside Northwest ('59)	23-18S-11W	80	2,179	14,743	2	0	Arbuckle	3,284	4	31
Merten Northeast ('46)	36-18S-15W	240	8,834	355,017	6	0	Lans.-K. C.	3,299	4	31
Millard ('44)	29-16S-14W	120	5,378	33,865	3	0	Arbuckle	3,214	4	35
Moses ('53)	14-20S-14W		no report	7,065	0	0	Lans.-K. C.	3,540	14	
Mue-Tam ('42)	35-20S-11W	40	969	24,654	1	0	Arbuckle	3,306	6	
Ney South ('58)	1-16S-13W	120	5,265	220,743	5	0	Topeka	2,940	10	
Ney Southwest ('59)	2-16S-12W	80	2,182	43,965	2	0	Lansing	3,120	3	41
Nordman ('66)	23-18S-15W	10	1,037	1,037	1	1	Lansing	3,093	10	41
Nuss ('55)	5-16S-14W	420	12,869	243,372	8	1	Arbuckle	3,522	15	
Nuss South ('62)	9-16S-14W	1,000	56,498	412,100	25	0	Lans.-K. C.	3,183	4	36
Odin ('48)	3-17S-12W	560	24,098	475,426	5	2	Arbuckle	3,387	8	
Otis-Albert ('35)	30-18S-15W	5,840	51,383	7,109,373	58	3	Kansas City	3,367	2	43
Palacky West ('66)	1-17S-11W	10	12,654	12,654	1	0	Arbuckle	3,392	2	31
Parrish ('65)	1-20S-13W	40	708	1,248	1	0	Arbuckle	3,321	2	31
Pawnee Rock ('36)	13-20S-16W		no report	249,147	0	0	Lans.-K. C.	3,236	4	34
Phillips ('57)	12-16S-13W	60	2,943	204,599	2	1	Reagan	3,601	15	34
Pospishel ('39)	20-17S-15W		no report	17,800			Arbuckle	3,378	6	
Prairie View ('50)	20-19S-11W	360	18,405	522,892	8	0	Arbuckle	3,451	15	35
Pritchard ('44)	34-20S-14W	1,370	96,112	4,018,341	31	2	Arbuckle	3,832	16	
Putnam ('51)	7-17S-13W	40	1,553	86,642	1	0	Marmaton	3,366	4	38
Putnam East ('60)	7-17S-13W		no report	11,261			Lansing			
Putnam West ('51)	1-17S-14W	80	5,091	129,204	3	2	Arbuckle	3,080	36	40
Red Brick ('53)	23-19S-13W	220	2,853	77,792	4	0	Lans.-K. C.	3,253	8	35
Redwing ('50)	31-17S-12W	1,280	57,766	1,251,090	29	0	Simpson	3,625		
Reif South ('50)	31-16S-12W	100	434	61,847	3	0	Arbuckle	3,544	3	33
Reimer ('56)	25-17S-15W		no report	16,072			Arbuckle	3,286	7	39
							Lans.-K. C.	3,203	22	42
							Lans.-K. C.	3,225	8	38
							Lans.-K. C.	3,240	7	
							Penn. congl.	3,414	2	
							Arbuckle	3,448		
							Lans.-K. C.	3,083	7	40
							Arbuckle	3,335		
							Lans.-K. C.	3,172	5	38
							Lans.-K. C.	3,357	4	36

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing wells	Wells abandoned, 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft.	Thickness, ft.	Avg. gravity
BARTON COUNTY (concl.)										
Rick ('36)	1-19S-11W	580	28,681	1,470,865	13	0	Lans.-K. C.	3,106		41
Also in Rice County							Arbuckle	3,355		
Roesler ('43)	14-18S-11W	1,180	67,441	2,210,100	23	3	Lans.-K. C.	3,208		
Also in Rice County							Arbuckle	3,291	7	
Rolling Green East ('49)	30-20S-12W	1,420	133,129	1,185,234	44	1	Lansing	3,278	10	
Also in Stafford County							Arbuckle	3,491	6	35
Rusco ('50)	8-19S-12W	40	3,104	262,251	1	0	Arbuckle	3,400		
St. Peter ('44)	5-19S-11W	1,200	176,795	3,348,070	45	1	Shawnee	2,910	7	
							Lans.-K. C.	3,121	3	
							Penn. congl.	3,391	4	
							Arbuckle	3,387		
St. Peter East ('56)	34-18S-11W	600	41,035	1,160,074	27	0	Topeka	2,870	3	
							Lans.-K. C.	3,116	14	
							Arbuckle	3,374	3	
Sandford ('51)	25-17S-14W	40	3,416	72,554	1	0	Arbuckle	3,375	19	26
Sandrock ('51)	21-20S-13W	740	25,044	639,982	14	0	Lans.-K. C.	3,412	8	35
Sandrock North ('59)	21-20S-13W		no report	12,095		0	Lansing	3,262	11	30
Shaeffer-Rothgarn ('41)	3-21S-13W	560	80,813	539,248	14	0	Lans.-K. C.	3,404		40
Also in Stafford County							Penn. congl.	3,519		
							Simpson	3,536		
South Bend ('54)	9-20S-13W	40	1,421	127,341	1	0	Arbuckle	3,546	4	
Stiles ('58)	7-16S-12W		no report	22,818		0	Lans.-K. C.	3,317	8	48
Stoltenberg ('31)	22-16S-10W	40	481	4,511	1	1	Lans.-K. C.	3,353	4	
Also in Ellsworth County							Simpson	3,260		42
Sunny Valley ('49)	7-20S-12W	200	6,108	399,131	6	0	Arbuckle	3,379	2	38
Sunny Valley Northeast ('54)	6-20S-12W	280	16,502	306,567	7	0	Lans.-K. C.	3,333	14	39
Sunny Valley Southwest ('54)	23-20S-13W	120	no report	12,844		0	Arbuckle	3,230	9	34
Swader ('62)	29-20S-13W	200	2,534	32,284	3	0	Lans.-K. C.	3,422	12	35
Templing ('55)	23-16S-14W	200	6,620	207,822	5	0	Lans.-K. C.	3,410	4	31
							Lans.-K. C.	3,332	8	39
							Arbuckle	3,402		
Tonkin ('63)	9-20S-12W	80	no runs	1,709	2	0	Arbuckle	3,402	30	

Trapp ('29)	23-15S-14W	12, 800	672, 892	67, 598, 008	356	19	Shawnee	2, 889	
Also in Russell County							Douglas	2, 966	
							Lans.-K. C.	3, 062	15
							Arbuckle	3, 252	39
Tritsch ('66)	12-18S-12W	10	2, 110	2, 110	1	0	Arbuckle	3, 399	16
Twenty ('65)	25-18S-15W	240	44, 190	49, 475	6	1	Arbuckle	3, 501	12
Two-Eighty One ('63)	27-16S-14W	240	25, 600	82, 883	5	1	Shawnee	3, 109	3
							Lans.-K. C.	3, 172	5
							Arbuckle		40
Two-Eighty One Southeast ('63)	26-16S-14W	160	29, 863	99, 299	2	0	Shawnee	3, 154	32
							Lans.-K. C.	3, 641	3
Unruh ('45)	24-20S-15W	40	no runs	248, 244	1	0	Arbuckle	3, 628	1
Unruh South ('59)	25-20S-15W	40	3, 304	38, 658	1	0	Arbuckle	3, 224	88
Webber ('62)	1-19S-14W		no report	806		0	Lansing	3, 169	7
Weikert ('53)	36-18S-12W	120	3, 067	103, 934	3	0	Lans.-K. C.	3, 106	16
Werner-Robl ('51)	30-19S-11W	920	21, 186	573, 753	8	0	Lans.-K. C.	3, 364	37
							Arbuckle	3, 339	48
Wondra ('40)	14-17S-12W		no report	5, 805		0	Arbuckle	3, 305	13
Wondra North ('59)	10-17S-12W	80	2, 937	88, 103	2	1	Arbuckle	3, 167	6
Workman Northwest ('56)	21-20S-12W	1, 800	195, 153	3, 129, 072	61	2	Lans.-K. C.	3, 438	10
Miscellaneous			no report			6	Arbuckle		
Pools or fields abandoned			241, 431						
Total Barton County		116, 890	7, 909, 526	394, 333, 134	3, 150	128			
BOURBON COUNTY									
Bronson Southeast	25S-21E	1, 240	42, 420		31	0	"Bartlesville"	718	18
Bronson-Xenia	17-25S-21E	960	10, 981		17	0	"Bartlesville"	665	
Davis-Bronson	23S-21E	380	3, 549		26	7	"Bartlesville"	560	
Also in Allen County									
Also in Allen and Anderson counties									
Hepler ('17)	27S-22E	520	40, 177		49	0	"Bartlesville"		
Also in Crawford County									
Savonburg	26S-21E		no report			0			
Also in Allen County									
Miscellaneous		40	84		1				
Total Bourbon County		3, 140	97, 211	1, 418, 630	124	11			recorded

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TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thickness, ft	Avg. gravity
BROWN COUNTY										
Livengood ('44)	3- 1S-15E	80	5,592	114,114	2	0	Hunton	2,580		
Total Brown County		80	5,592	114,114	2	0				
BUTLER COUNTY										
Allen-Robison ('43)	1-26S- 3E	280	4,968		8	5	Mississippian	2,700		
Asmusson ('57)	16-29S- 4E	540	54,702	1,519,204	23	7	Lansing "Miscner" Arbuckle	1,840 2,856 2,695	6 3 5	34
Augusta ('14)	21-28S- 4E	5,140	486,114	42,087,588	160	8	Lansing Kansas City Marmaton Ordovician Arbuckle	1,700 2,000 2,200 2,445 2,600		
Augusta North ('14)	28-27S- 4E	900	40,197	15,693,225	52	1	Lansing Kansas City Ordovician Arbuckle	1,650 1,950 2,380 2,410		
Ballard ('60)	6-25S- 3E	100	4,290	50,564	4	0	Mississippian	2,726	1	40
Bausinger ('29)	24-27S- 3E	40	1,331		2	0	Simpson	3,050		
Bentler ('63)	9-26S- 3E	80	16,328	65,966	2	0	Mississippian	2,796	24	43
Benton ('25)	26S- 3E	100	8,450		4	0	"Chat"	2,965		
Berndsen ('58)	15-26S- 4E	200	53,397	1,018,543	18	0	Simpson	2,423	17	
Blankenship ('21)	26S- 8E	1,040	26,681	4,221,003	22	1	"Bartlesville"	2,650	50	
Also Greenwood County										
Blood ('58)	29-29S- 4E	100	3,735	177,323	2	0	Mississippian	2,716		
Brandt-Sensenbaugh ('25)	22-28S- 7E	960	19,017	2,245,609	23	0	"Chat"	2,692		
Brickley ('51)	2-27S- 7E	90	2,276	124,778	7	0	"Chat"	2,692	19	40
Brickley East ('60)	1-27S- 7E		no report	2,198	0	0	Mississippian	2,748	5	38
Brickley Southwest ('52)	3-27S- 7E	40	no runs	14,905	1	0	"Bartlesville"	2,599	33	39
Bruce ('41)	9-30S- 4E	80	11,476	44,911	3	0	Arbuckle	3,306		
Also in Cowley County										
Bruce East ('66)	34-29S- 4E	10	no report		0	0	Cattleman	2,824	6	
Butwick Northeast ('49)	7-26S- 3E	100	2,218	32,921	2	1	Mississippian	2,820		

Clay ('60)	32-29S-6E	80	903	53,767	2	0	Mississippian	2,825	14	38
Combs ('47)	5-30S-5E	20	245		1	4	"Bartlesville"	2,820		
Also in Cowley County										
Combs Northeast ('48)	27-29S-5E	100	3,351	72,394	4	0	"Bartlesville"	2,850		42
Dixon ('46)	12-27S-6E	40	585	24,309	1	0	Kansas City	2,160		
Douglas ('16)	21-29S-4E	30	633		1	0	Mississippian	1,790		36
							Lans.-K. C.	3,000		
							Ordovician			
Eckel ('40)	7-27S-7E	30	823	7,410	1	0	Kansas City			
Edgecomb ('51)	9-25S-3E	40	695	35,876	1	0	Mississippian	2,759		
Edmonds ('53)	31-23S-4E	90	941	16,358	3	0	Mississippian	2,471		
Also in Marion County										
Edmonds Southwest ('60)	1-23S-3E	40	2,389	33,666	1	0	Mississippian	2,498	25	40
Elbing ('18)	18-23S-4E	2,000	155,379		80	0	Kansas City	2,120		37
Also in Marion County										
Elbing East ('50)	27-23S-4E	20	447	44,755	1	0	Hunton	2,530		34
El Dorado ('15)	29-25S-5E	25,000	2,332,308	265,491,512	1,220	66	Viola	1,799		37
							Lans.-K. C.	630		34
							Admire	1,700		36
							Lansing	2,000		37
							Kansas City	2,500		38
							Viola	2,510		40
							Simpson	2,550		37
							Wilcox	2,515	4	38
							Arbuckle	2,647		38
Entz ('59)	23-26S-4E	120	14,187	231,431	5	0	Simpson	2,750	24	17
Ferrell ('39)	28-28S-8E	700	38,906	1,894,113	37	0	Mississippian	2,443	3	40
Ferrell South ('61)	33-28S-8E	420	22,808	272,145	16	0	Mississippian	3,069	25	40
Flint ('57)	6-24S-6E		no report	10,027	3	0	Simpson	2,730	25	40
Four Mile Creek ('51)	5-28S-3E	140	2,630	299,303	76	0	"Bartlesville"	2,760		
Fox-Bush-Couch ('17)	24-29S-5E	5,310	112,164	7,821,110	4	0	"Bartlesville"	2,924		
Also in Cowley County										
Garden ('25)	32-26S-6E	240	4,350		1	0	Viola	2,120	5	34
Gelwick ('29)	27S-4E	40	3,579		1	0	Kansas City	2,607		
Hannah ('36)	29S-8E	120	4,511	100,772	4	0	Lans.-K. C.	2,700		
Harlan ('63)	26-23S-4E	80	6,910	40,460	8	6	"Bartlesville"	2,480		
Haverhill ('27)	34-27S-5E	440	17,572	5,136,501	63	0	Kansas City	2,107		
Hazlett ('49)	24S-5E	1,580	40,048	2,369,337	20	0	"Bartlesville"	2,685		
Hickory Creek ('46)	11-28S-5E	880	11,515	1,367,638	38	1	Mississippian	2,700		
Keighley ('25)	22-27S-7E	1,560	40,465				"Bartlesville"	3,148		

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft	Thick-ness, ft	Avg. gravity
BUTLER COUNTY (concl.)									
Kramer-Stern ('26)	3-28S-6E	1,680	240,411		81	0	Lans.-K. C. Viola	3,075	5
Latham ('59)	14-29S-7E	60	5,192	97,357	4	0	Simpson	3,000	
Leon ('22)	19-27S-6E	540	235,204	4,329,076	23	0	Arbuckle Mississippian "Bartlesville"	3,040 2,788	14 37
Lietzke ('62)	3-28S-5E		no report	169	0	0	"Chat"	2,660	
Long ('49)	15-26S-7E	30	1,086	34,180	1	0	Viola Simpson	3,050 3,117	8
Long Northeast ('53)	11-26S-7E		no report	17,882	0	0	Mississippian	2,780	33
McCraig ('37)	13-28S-6E	40	1,302	23,253	2	0	Mississippian "Bartlesville"	2,753 2,700	5 40
Mellor ('57)	1-24S-3E		no report	155,386	0	0	Mississippian	2,780	29
Mellor East ('58)	7-24S-4E		no report	61,431	0	0	Mississippian	2,442	6
Mt. Tabor ('53)	36-29S-4E	340	7,560	207,673	9	0	Mississippian	2,492	
Muddy Creek ('50)	13-29S-4E	580	54,032	942,210	32	0	"Bartlesville"	2,757	8
Murdock ('52)	23-25S-3E	40	no report	14,049	0	0	"Bartlesville"	2,813	40
Overstreet ('62)	19-26S-8E	60	562	3,337	2	0	Mississippian	2,709	10 43
Parsley ('49)	3-28S-3E	60	2,867	145,556	5	1	Kansas City	2,052	9
Parsley West ('66)	3-26S-3E	20	3,991	3,991	2	0	Mississippian	2,700	48
Paul ('59)	26-25S-3E	240	2,704	17,223	6	0	Mississippian	2,737	5
Paulson ('58)	35-23S-3E	1,360	114,727	1,896,244	88	0	Mississippian	2,730	3 31
Pierce ('26)	28-25S-4E	1,540	72,169	1,896,244	70	4	Mississippian	2,519	10
Potwin ('17)	31-24S-4E	3,680	70,894	9,246,057	105	2	"Chat"	2,550	43
Reynolds-Schaffer ('22)	9-27S-6E	2,740	91,078		72	1	Kansas City Mississippian	2,550 2,660	
Rombold ('49)	4-26S-3E		no report	57,865	0	0	Mississippian	2,375	
Rosalia ('65)	12-25S-7E	660	118,469	182,910	18	1	Mississippian "Squirrel"	2,780 3,141	39
Salter ('46)	23-28S-3E	300	35,475	1,837,434	16	1	Mississippian	2,770	2
Shinn ('46)	19-29S-8E	180	46,128	1,351,095	24	0	Simpson	2,470	39
Shinn Northeast ('56)	17-29S-8E	240	12,740	191,134	6	1	Simpson Mississippian	3,000 2,766	

Skaer ('61)	21-27S-3E	80	2,850	48,427	2	0	Kansas City	2,339	
							Simpson	3,036	5 32
Smock-Sluss ('17)	2-27S-5E	3,800	140,550		117	3	"Bartlesville"	2,710	35
							Viola	3,000	
Snowden-McSweeney ('30)	34-28S-6E	1,460	47,326		43	9	Lans.-K. C.	2,060	35
							"Peru"	2,404	
							"Bartlesville"	2,810	
Steinhoff ('26)	28-29S-6E	200	6,861				Mississippi	2,833	
Steinhoff East ('60)	26-29S-6E		no report	2,177	5	0	Mississippi	2,803	
Towanda ('48)	5-26S-4E	2,240	96,614	3,753,572	36	1	Kansas City	2,118	8 35
							Mississippi	2,400	
							Viola	2,460	
Wehrman ('63)	30-29S-8E	80	3,408	34,529	2	0	Mississippi	2,741	2 38
Whitewater ('49)	32-25S-4E	380	27,663	679,180	12	1	Viola	2,625	37
Whitewater East ('61)	33-25S-4E	100	9,158	87,295	5	0	Mississippi	2,461	33 40
Wiebe ('59)	30-23S-6E	30	300	4,084	1	0	Lansing	1,592	6 34
Womack ('47)	19-28S-6E	80	6,778	34,754	2	0	"Bartlesville"	2,620	
Young ('20)	27-26S-7E	940	52,305		40	1	Mississippi	2,650	
Young Southwest ('66)	32-26S-7E	160	15,641	15,641	3	0	Mississippi	2,703	10 38
Miscellaneous			no report			9			
Total Butler County		72,712	5,083,249	483,220,927	2,759	135			
				recorded					

CHASE COUNTY

Atyeo-Pixlee ('23)	7-22S-10E	500	19,527		14	0	"Bartlesville"	2,250	
Also in Lyon and Greenwood counties									
Bazaar ('51)	36-20S-8E	40	1,624		1	0	Lans.-K. C.		
Koegelboehn ('59)	19-19S-6E	80	413	26,352	2	2	Viola	2,052	21 29
Koegelboehn North ('61)	8-19S-6E	40	765	8,343	1	0	Viola	1,960	9 29
Teeter ('20)	16-23S-9E	760	27,211		32	0	"Bartlesville"	2,500	20 40
Miscellaneous			no report			1			
Total Chase County		1,440	49,540	1,110,333	49	2			
				recorded					

CHAUTAQUA COUNTY

Berlin ('30)	32S-11E	60	2,090		4	0			
Borroum ('26)	20-34S-9E	260	3,442		6	0	Marmaton	1,780	

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells aband. 1966	Producing zone			
			During 1966	To end of 1966			Name	Depth, ft.	Thick- ness, ft.	Avg. gravity
CHAUTAUQUA COUNTY (concl.)										
Cedarvale ('53)	9-34S-8E	240	6,527	68,999	5	0	Marmaton	1,924	4	40
Also in Cowley County										
Cloverdale ('64)	13-33S-8E	200	127,625	367,382	11	0	Mississippian	2,365	10	
Elgin ('17)	34S-10E	2,540	29,365		108	1	"Cattleman"	1,965		
Elk City	32S-13E		no report		0	0	"Peru"	1,520		
Also in Elk and Montgomery counties							"Burgess"	1,360		
Frazier ('27)	33S-13E	520	11,352		17	0	"Peru"	1,520		
Hale-Inge ('07)	32S-12E	1,600	15,824		41	0	"Peru"	1,160		
Also in Elk County										
Hewins	31-34S-10E	10	239		1	0	Arbuckle	2,443		
Hylton ('28)	13-32S-9E	40	288		1	0	"Chat"	1,850		
Kingston ('26)	18-32S-11E		no report		0	0	Arbuckle	2,176		
Landon-Floyd ('36)	23-32S-10E	800	56,216		26	2	Mississippian	2,000		
Leniton	33S-10E	6,000	45,537		59	0	"Peru"			
McAllister ('25)	28-32S-10E	120	9,276		4	0	Arbuckle	2,280		
McNoun ('26)	31-32S-10E	80	658		2	0	Mississippian			
Niotaze	34S-13E	1,000	5,349		32	0	"Redd"	690		
Oliver ('35)	32S-11E	680	7,525		12	0	"Peru"	825		
Also in Elk County							Marmaton			
Peru-Sedan ('00)	34S-11E	22,690	439,392		1,350	82	Arbuckle	1,200	25	
Wauneta ('24)	34S-9E	40	177		1	0	Mississippian	2,000		
Wayside-Havana ('04)	34S-13E	300	2,559		27	0	"Peru"	1,670		
Also in Montgomery County							Mississippian	2,100		
Wiggam	34-32S-10E		no report		0	0	"Wayside"	575		
Miscellaneous			no report		0	0	"Weiser"	700		
			no report		0	0	"Bartlesville"	1,200		
			no report		0	0	"Weiser"	1,600		
Total Chautauqua County		37,180	763,441	55,333,357 recorded	1,708	93				

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells shut-in, 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
COFFEY COUNTY										
Crandall ('53)	6-23S-16E	20	129		1	0	Mississippian	1,022	5	
Dunaway ('22)	23-22S-13E	500	2,945		5	1	"Burgess"	1,850		
Also in Greenwood County										
Dunaway East ('65)	13-22S-13E		no report		0		Viola	2,196	4	
Evans ('38)	23S-15E		no report				Mississippian	1,878		
Also in Woodson County										
Finnerty ('53)	12-21S-13E	320	7,300		6	0	Arbuckle	2,200	10	
							"Peru"	1,382	11	
Hatch ('35)	35-21S-13E	40	363		1	0	"Burgess"	1,728		
Leroy North	22S-16E	300	3,868		9	0	"Squirrel"	965		
Neosho Falls-Leroy ('95)	35-22S-16E	2,180	37,996		88	0	"Squirrel"			
Parmely	29-22S-17E	40	2,151		1	0	"Squirrel"			
Virgil North ('20)	22-23S-13E	1,420	48,817		62	0	"Bartlesville"	1,585		
Also in Greenwood and Woodson counties										
Winterschied	23S-14E	1,580	16,378		28	0	Mississippian	1,838	13	
Also in Greenwood and Woodson counties										
Total Coffey County		6,360	119,980	3,062,304 recorded	202	1	Arbuckle	2,146		
							"Peru"	1,170		
							"Bartlesville"	1,630		
							Mississippian	1,750		
COMANCHE COUNTY										
Beals ('55)	34S-17W	160	19,909	72,848	4	0	Mississippian	4,880		
Glick ('57)	31-30S-16W	480	8,894	52,934	14	0	Mississippian			
Also in Kiowa County										
McMoran ('61)	25-34S-16W		no runs	155	1	0	Lans.-K. C.	4,399	12	36
Mule Creek ('55)	5-31S-18W	60	7,136	130,604	2	0	Mississippian	5,066	5	
Nescatunga ('60)	22-32S-18W	160	1,678	85,870	4	0	Mississippian	5,106	36	42
							Viola	5,600	17	
Nescatunga South ('63)	35-32S-18W	40	no runs	419	1	0	Viola	5,590	7	
Perry Ranch ('54)	12-32S-16W	120	645	10,514	3	0	Mississippian	4,785		
Also in Barber County										
Protection ('52)	24-32S-20W	80	2,512	22,316	2	0	Mississippian	5,097	35	

Shimer ('61)	14-33S-17W	200	5,682	13,665	5	0	Mississippi	5,105	10	35
Yellowstone Northwest ('66)	8-35S-16W	10	922	922	1	1	Mississippi	5,270		
Pools and fields abandoned				5,723						
Total Comanche County		1,310	47,408	396,000	38	1				
COWLEY COUNTY										
Albright ('56)	3-34S-5E	1,780	60,163	942,698	47	2	Mississippi	3,126	10	
Albright North ('62)	22-33S-5E		no report			0	"Hoover"	1,656	30	
Argo ('66)	19-34S-5E	10	1,946		1	0	Mississippi	3,263	2	40
Atlanta ('58)	11-30S-6E	480	22,537	427,132	19	1	Shawnee	1,631	7	
							"Stalaker"	1,816	4	
							Kansas City	2,174	6	
							Mississippi	2,869	28	
Bernstorff ('58)	33-31S-4E	200	27,634	213,847	9	0	Arbuckle	3,274		
Biddle ('22)	7-32S-5E	1,280	93,878		43	0	"Bartlesville"	3,043	18	
							Kansas City	2,000	20	
							"Layton"	2,300		
							"Bartlesville"	2,878	14	
Bolack ('61)	21-32S-6E	130	38,375	319,857	5	0	"Cattleman"	2,828	6	40
Box ('48)	28-30S-7E	600	8,214	336,120	13	0	Mississippi	2,840	15	
Brandenburg ('55)	3-35S-3E	120	10,662	64,201	3	0	Simpson	3,664	7	
Brown ('44)	13-31S-7E		no report			0	Kansas City	2,100		
Bruce ('41)	9-30S-4E	200	6,128	139,545	5	0	Arbuckle	3,306	25	
Also in Butler County										
Burden ('26)	31-31S-6E	2,046	308,241		66	1	"Layton"			40
							"Peru"			39
Cabin Valley ('52)	31-33S-6E	480	29,508	1,689,720	29	4	"Bartlesville"	2,900	35	
Canfield ('52)	13-34S-3E	160	11,636	371,045	4	0	"Layton"	2,188	9	40
							"Lans.-K. C."	2,651	4	42
							"Bartlesville"	2,839		
Cedarvale ('53)	9-34S-8E	120	4,377	60,328	4	0	Marmaton	1,924	4	40
Also in Chautauqua County							Mississippi	2,365	10	
Cedarvale West ('62)	17-34S-8E	40	90	6,059	1	0	"Cattleman"	2,243	6	35
Church ('54)	13-31S-6E		no report	24,249		0	Mississippi	2,935	12	34
Churchill Northeast ('55)	18-31S-3E	40	1,216	22,439	1	0	Kansas City	2,420		
Combs ('47)	5-30S-5E	680	17,583	869,252	14	5	"Bartlesville"	2,823	20	40
Also in Butler County							Mississippi	2,850		
Cooley ('63)	5-30S-4E	180	20,515	111,538	4	0	Lans.-K. C.	2,214	5	
							Arbuckle	2,958	8	

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Pro- ducing wells	Name	Producing zone		
			During 1966	To end of 1966			Depth, ft	Thick- ness, ft	Avg. gravity
Countryman ('25)	4-33S- 7E	720	26,292		15	"Layton"	1,950	12	34
Darien ('39) (revived)	33-30S- 4E	10	1,160	266,298	1	Mississippian Arbuckle	2,870 3,270	4	
David ('35)	35-30S- 4E	1,940	133,465	6,477,832	81	"Bartlesville" Arbuckle	2,900 3,463	40	
Deichman ('41)	24-31S- 4E	160	3,677	659,688	4	"Bartlesville" Mississippian	2,900 3,000	35	
Dexter ('14)	33S- 6E	160	no runs		2	Mississippian	2,750		
Denelson ('55)	21-34S- 7E	40	735	7,252	1	Kansas City			36
Eastman ('24)	5-31S- 6E	920	12,640		29	"Bartlesville"	2,890	20	
Elrod ('26)	4-32S- 5E	130	5,148		4	"Layton"	2,411		
Enterprise Northeast ('52)	35-33S- 3E		no report	45,072	0	"Layton" "Bartlesville"	2,452		
Enterprise Southwest ('53)	3-34S- 3E		no report	10,159	0	Mississippian			
Estep ('58)	21-34S- 6E	40	11,999	78,555	1	"Bartlesville" "Stalnaker"	3,360 1,803	10 4	39
Estep West ('59)	29-34S- 6E	40	977	7,642	1	Mississippian	3,130	8	38
Estes ('54)	12-32S- 6E	740	18,549	793,824	21	"Layton"	2,190	13	36
Falls City ('19)	17-35S- 7E	200	2,263	39,733	3	"Bartlesville"	2,694	19	
Fox-Bush-Couch ('17) Also in Butler County	24-29S- 5E	600	5,494	2,838,622	13	"Bartlesville"	2,730	25	40
Frog Hollow ('37)	20-32S- 5E	660	59,109	5,603,369	35	"Bartlesville"	3,000	20	
Frog Hollow East ('41)	15-32S- 5E	500	19,473	590,800	19	"Bartlesville" Mississippian	3,000 3,077	8 20	
Geuda Springs ('25)	5-34S- 3E	1,660	55,069	2,274,682	46	"Cleveland" "Bartlesville"	2,984 3,300	2 14	
Gibson ('41)	29-34S- 3E	1,240	108,770	3,900,881	84	"Chat" "Bartlesville" Mississippian	3,345 3,350 3,400	25 12 12	35
						Simpson Arbuckle	3,774 3,780	6 11	

COWLEY COUNTY (cont.)

Graham ('24)	3-33S-3E	2,220	114,172	4,687,426	74	0	"Layton" "Bartlesville"	2,550 3,213	15 50	39
Grand Summit ('26) Also in Elk County	4-31S-8E	360	6,022		9	0	Mississippian Arbuckle Kansas City	3,284 3,518 2,000	16 5 19	
Grouse Creek ('51)	16-30S-7E	200	1,317	54,521	5	0	Mississippian	2,890	37	
Harvey ('52)	23-34S-3E	520	22,846	1,542,336	14	0	"Layton" "Bartlesville"	2,574 3,278	18 9	33
Henderson ('42)	26-32S-3E	80	482	139,912	2	0	Kansas City Arbuckle	2,690 3,419	9	
Higby ('57)	31-34S-6E	100	6,358	57,713	2	0	Mississippian	3,180	10	
Hittle ('26)	28-31S-4E	480	39,103	10,064,595	19	3	Kansas City Arbuckle	2,400 3,280	20	
Kanok ('56)	15-35S-5E	90	4,283	95,240	3	0	Mississippian	3,172	4	
Lady ('60)	35-34S-6E	40	124	6,663	1	2	"Hoover"	1,421	4	
Larcom ('61)	9-34S-4E	80	13,977	43,993	5	1	"Layton"	2,418	4	39
Little Cedar Creek ('65)	2-32S-5E	2,120	534,392	535,654	53	0	"Layton"	2,352	3	40
McKay ('51)	17-35S-4E	680	21,864	852,073	40	0	"Bartlesville"	3,314		
Maddix ('52)	13-33S-5E		no report	1,603		0	Mississippian	3,084		
Maddix North ('57)	12-33S-5E	600	43,805	616,206	26	0	Mississippian	3,014	13	
Mahannah ('59)	6-30S-8E	120	7,045	101,840	5	0	Mississippian		16	
Mansur ('49)	25-31S-6E	240	3,068	137,441	6	0	"Layton"	2,170	10	
Murphy ('33)	7-35S-3E	1,040	35,409		30	2	"Bartlesville" "Chat"	3,450 3,500		
Also in Sumner County										
Nigger Creek ('51)	22-34S-3E	40	1,793	18,638	1	0	"Bartlesville"	3,281		
Olsen ('21)	1-35S-7E	140	7,921	164,021	7	0	"Layton" "Bartlesville"			
Otto ('27)	25-34S-6E	80	341		2	0	"Staltnaker" "Chat"	1,845 3,017	6 50	
Posey ('56)	21-33S-4E	460	45,868	548,110	20	0	"Layton" "Cleveland"	2,464 2,751	6 10	
Quarry ('54)	28-34S-5E	360	15,063		9	0	Mississippian	2,953	4	
Rahn ('39)	13-34S-5E	1,540	41,401	3,276,894	39	3	"Cleveland" "Bartlesville"	3,164 2,900	14 30	
Rahn Southwest ('45)	28-34S-5E		no report	4,837	1		"Bartlesville"			
Rainbow Bend ('23)	20-33S-3E	1,600	93,612	18,670,013	64	8	"Burgess" Arbuckle	3,200 3,550	50 6	
Also in Sumner County										
Rauckman ('56)	18-34S-3E	80	2,324	61,727	4	0	"Bartlesville"	3,358	6	
Rock ('23)	15-30S-4E	4,000	191,664	9,016,897	125	0	"Bartlesville"	2,800	30	
Rock Southwest ('60)	26-31S-3E	80	25,292	174,261	5	0	"Bartlesville" "Layton"	2,480	7	

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells, 1966	Wells abst., 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft.	Thick- ness, ft.	Avg. gravity
COWLEY COUNTY (concl.)									
Salem ('57)	2-31S-5E	40	1,705	28,052	1	0	Mississippian	3,050	2
School Creek North ('53)	10-32S-7E	660	51,357	1,723,495	48	1	"Layton" "Bartlesville"	2,114 2,826	6 9
Seacat ('44)	26-33S-4E	320	3,125	174,787	4	0	"Layton" Mississippian	2,385 3,100	43
Seacat Southeast ('64)	26-33S-4E	80	5,085	16,008	2	1	Mississippian	3,219	3
Shannon ('59)	26-31S-5E	300	no report	2,935,772	0	0	"Layton"	2,314	3
Sheneman ('63)	8-33S-6E	300	15,116	40,432	5	0	Mississippian	3,090	22
Sickles ('66)	20-31S-5E	10	4,186	4,186	1	0	"Bartlesville"	2,981	6
Slick-Carson ('24)	19-32S-3E	160	13,186	7,883,789	6	0	"Layton" "Bartlesville"	2,600 3,150	40
Also in Sumner County									
Smith ('17)	31S-3E	160	3,617		2	0	"Bartlesville"	3,450	
State ('26)	15-32S-4E	340	14,194		12	0	"Layton"	3,050 2,400	12
Stayton ('49)	32-32S-4E	200	2,189	158,530	5	0	Arbuckle "Cleveland"	3,300 2,790	2
Stayton South ('53)	5-33S-4E	240	12,672	124,878	6	0	"Bartlesville"	3,100	8
Thurlow ('27)	8-33S-3E	540	no report		0	0	"Bartlesville"	3,165	23
Trees ('35)	19-30S-4E	540	14,506		19	0	Simpson	3,500	5
Turner ('37)	30-32S-6E	120	1,546	318,554	3	0	"Bartlesville"	2,875	25
Turner North ('61)	7-32S-6E	760	109,711	783,038	28	0	"Layton" Lans.-K.C. "Bartlesville"	2,232 2,282 2,988	15 6 11
Turner West ('52)	25-32S-5E	40	914	16,871	1	0	Mississippian	3,032	10
Udall ('26)	28-30S-3E	90	2,647		3	0	Mississippian Shawnee	3,054	38 38
Vestal ('27)	19-34S-3E	120	3,169		3	0	Arbuckle	2,850	
Waldschmidt ('57)	8-34S-6E	360	15,646	254,681	9	0	Mississippian Simpson "Stahaker"	3,429 3,788 1,821	3 3 2
Walnut Bend ('40)	11-34S-4E	500	10,180		5	1	Mississippian	3,080	12

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well — Sec., T., R	Area, acres	Oil production, bbl		Producing wells, 1966	Name	Producing zone		
			During 1966	To end of 1966			Depth, ft	Thick- ness, ft	Avg. grainy
DECATUR COUNTY									
Adell Northwest ('52)	34- 5S-27W	600	129, 833	1, 653, 979	13	Lans.-K. C.	3, 664	54	39
Altory ('66)	34- 3S-27W	10	1, 994		1	Lansing	3, 530	46	35
Decatur Center ('63)	21- 3S-28W	360	93, 794	205, 040	9	Lans.-K. C.	3, 726	152	36
Decatur Center Southwest ('66)	29- 3S-28W	40	no report		0	Lansing	3, 783	6	31
Feely ('52)	2- 5S-27W	180	15, 070	352, 787	6	Lans.-K. C.	3, 590	14	39
Hardesty ('52)	22- 5S-27W	640	11, 108	514, 645	7	Lans.-K. C.	3, 642	15	39
Huff ('63)	16- 1S-26W	40	2, 932	13, 044	1	Lans.-K. C.	3, 196		
Jennings ('51)	25- 4S-27W	860	43, 339	888, 072	18	Wabauensee	3, 156	7	38
Jennings Northwest ('61)	10- 4S-27W		no report	570	0	Lans.-K. C.	3, 478	4	35
Jennings Southeast ('57)	6- 5S-26W	40	1, 215	16, 140	1	Lans.-K. C.	3, 576	4	40
Jording ('57)	23- 2S-30W	80	8, 414	23, 429	2	Lansing	3, 581	4	34
Jorn ('55)	29- 2S-28W	200	5, 474	122, 580	6	Lans.-K. C.	3, 848	14	
Lawson ('61)	11- 1S-26W	40	3, 765	34, 408	1	Penn. congl.	3, 562	8	40
Monaghan ('52)	15- 2S-27W	80	6, 486	120, 308	2	Lans.-K. C.	3, 558	3	32
Oberlin ('64)	35- 2S-29W		no report		0	Lans.-K. C.	3, 514	55	32
Olive ('61)	12- 2S-28W	200	16, 722	114, 910	5	Lansing	3, 687	6	
Petracek ('66)	9- 4S-27W	10	3, 182		1	Lansing	3, 379	4	37
Pollnow ('53)	4- 3S-29W	240	25, 338	721, 364	8	Lans.-K. C.	3, 643	5	35
Prairie Dog ('59)	29- 5S-29W	40	2, 028	29, 220	1	Lansing	3, 734	7	37
Ung ('62)	25- 2S-30W	80	4, 237	34, 173	2	Lans.-K. C.	3, 863	5	35
Vavroch ('59)	4- 4S-28W	640	137, 203	691, 559	8	Lans.-K. C.	3, 805	1	35
Warner ('56)	11- 1S-27W	640	18, 111	506, 386	20	Lans.-K. C.	3, 699	8	36
Total Decatur County		5, 020	530, 245	6, 051, 694	112	Penn. congl.	3, 324	17	35
DICKINSON COUNTY									
Ash Grove ('54)	5-15S- 1E	160	11, 181	238, 425	5	Mississippian	2, 569	3	
Bonaccord Northeast ('56)	29-14S- 1E	60	594	44, 518	2	"Burgess"	2, 502	3	
Holland Creek ('64)	2-15S- 1E		no report	94	1	"Burgess"	2, 390	2	
Lost Springs ('27)	16S- 4E	2, 193	80, 149		43	"Chat"	2, 300		
Also in Marion and Morris counties									
Total Dickinson County		2, 413	91, 924	1, 851, 717 rec.	50				
DODD COUNTY									
Also in Franklin County									
Euchaea South ('39)									
Total Douglas County		1, 200	no report	429, 315 recorded	7				

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DOUGLAS COUNTY

Baldwin ('19)	12-15S-20E	1,200	43,578	75	1	"Squirrel"	800
Also in Franklin County							
Eudora South ('29)	19-13S-21E	1,200	no report	0	0	"Squirrel"	700
Total Douglas County		1,200	43,578	75	1		

423,345
recorded

EDWARDS COUNTY

Belpre Southwest ('62)	18-25S-16W	80	2,199	2	0	Cherokee	4,346	43
Bradbridge ('48)	2-24S-16W	40	2,047	1	0	Mississippian	4,382	20
Britton ('63)	9-25S-17W	40	155	1	0	Arbuckle	4,020	37
Carpenter Southeast ('59)	31-23S-16W	40	no report	1	0	Kinderhookian	4,247	6
Churchview ('66)	20-23S-19W	40	3,590	1	0	Mississippian	4,190	2
Embry ('53)	23-24S-16W	240	4,360	9	0	Lans. -K. C.	3,789	4
						Kinderhookian	4,292	38
English ('59)	31-25S-16W	40	4,065	1	0	Mississippian	4,479	7
Enlow ('53)	9-24S-16W	240	4,567	7	0	Lans. -K. C.	3,736	7
Fatzer ('56)	14-26S-17W	40	no report	1	0	Mississippian	4,504	15
Groner ('62)	5-23S-20W	40	no report	0	0	Mississippian	4,525	21
Hawley ('59)	7-24S-16W	40	no runs	1	0	Mississippian	4,241	18
Kirk ('55)	26-26S-16W	80	2,932	2	0	Kinderhookian	4,481	20
McClanahan ('58)	2-26S-18W	80	765	2	0	Penn. congl.	4,612	4
McClanahan East ('63)	12-26S-18W	120	275	3	0	Mississippian	4,518	16
Massey ('57)	3-24S-17W	40	90	0	0	Mississippian	4,289	3
Quaker ('58)	35-26S-19W	40	no report	0	0	Lans. -K. C.	4,289	6
Also in Kiowa County								
Rairden ('63)	16-25S-16W	40	no report	0	0	Mississippian	4,350	22
Salsler ('56)	12-26S-16W	40	no report	0	0	Lans. -K. C.	3,919	3
Sturgeon ('54)	33-26S-18W	80	3,862	2	0	Lans. -K. C.	4,223	38
						Viola	4,721	5
Trousdale ('56)	21-26S-16W	80	5,996	2	0	Cherokee	4,186	4
						Mississippian	4,492	5
Trousdale North ('58)	8-26S-16W	60	1,928	2	1	Mississippian	4,458	10
Trousdale Northeast ('58)	15-26S-16W	80	2,603	3	2	Kinderhookian	4,392	16
Wayne ('56)	28-24S-17W	40	2,966	1	1	Mississippian	4,368	16
Wil ('57)	26-25S-16W	1,510	155,679	89	4	Kansas City	4,032	4
Also in Stafford County						Kinderhookian	4,324	38
Wil West ('60)	29-25S-16W	120	5,390	3	0	Mississippian	4,365	10

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well — Sec., T., R	Area, acres	Oil production, bbl		Pro- ducing wells, 1966	Name	Producing zone																																																																
			During 1966	To end of 1966			Depth, ft	Thick- ness, ft																																																															
EDWARDS COUNTY (concl.)																																																																							
Miscellaneous			no report	106,308	1																																																																		
Pools and fields abandoned																																																																							
Total Edwards County		3,050	203,469	4,598,275	133																																																																		
ELK COUNTY																																																																							
Arbuckle	31S- 9E	410	27,726		8	"Burgess"	2,250																																																																
Bush-Denton ('20)	4-30S- 9E	880	22,394		68	"Stalnaker"	1,060	10																																																															
						"Peru"	2,135																																																																
Clubine	30S-10E	40	439		1	"Burgess"	2,300	5																																																															
Collyer ('24)	30-30S-11E	180	7,649		10	"Layton"	1,286	10																																																															
						Kansas City	1,518																																																																
						Fort Scott	2,226																																																																
Cummings ('60)	26-31S- 9E		no report	944	0	Mississippian	2,570	27																																																															
Dory ('29)	18-30S- 9E	120	833		4	Mississippian	1,300	10																																																															
Dunkleberger ('20)	34-29S-10E	465	13,522		31	Kansas City	1,970																																																																
Elk City	31S-13E	60	173		2	Mississippian	1,360																																																																
						"Burgess"																																																																	
Also in Chautauqua and Montgomery counties																																																																							
Fleak	21-30S-11E		342		0																																																																		
Fleming ('50)	8-29S- 9E		no report	11,279	0	Arbuckle	2,656																																																																
Grand Summit ('26)	3-31S- 8E	66	3,140		2	Kansas City	2,000																																																																
Also in Cowley County																																																																							
Hale-Inge ('07)	31S-12E	780	5,845		43	Peru	1,160																																																																
Also in Chautauqua County																																																																							
Key ('30)	31S-10E	40	1,363		1	Arbuckle	2,270																																																																
Kiper	29S-13E	40	356		1	"New Albany"																																																																	
Lisco ('26)	31S-10E	40	575		1	"Burgess"																																																																	
Logsdon ('25)	16-31S- 9E	30	449	81,011	1	"Burgess"																																																																	
Longton	31S-12E	460	3,801		22	Mississippian		12																																																															
Longton North ('27)	29S-12E	20	388		1																																																																		
Love ('21)	30S- 9E		no report		0	Mississippian	2,370																																																																
Mills ('27)	14-30S-10E		no report		0																																																																		
<table border="0" style="width:100%; border-collapse:collapse;"> <tr> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%; text-align:center;">no report</td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> </tr> <tr> <td>Newton</td> <td>12-30S- 9E</td> <td>40</td> <td>3,419</td> <td></td> <td>1</td> <td>Arbuckle</td> <td>2,600</td> <td>11</td> </tr> <tr> <td>Preator</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>Mississippian</td> <td></td> <td></td> </tr> <tr> <td>Preston</td> <td>12-30S- 9E</td> <td>90</td> <td>2,242</td> <td></td> <td>3</td> <td>Mississippian</td> <td>1,550</td> <td>3</td> </tr> <tr> <td>Re-Clig</td> <td>31S-10E</td> <td>130</td> <td>5,750</td> <td>120,090</td> <td>4</td> <td>Arbuckle</td> <td>2,873</td> <td>22</td> </tr> <tr> <td>Roby ('56)</td> <td>20-28S- 9E</td> <td>320</td> <td>17,404</td> <td></td> <td>12</td> <td>Kansas City</td> <td>2,039</td> <td>8</td> </tr> <tr> <td></td> <td>12-31S- 8E</td> <td></td> <td></td> <td></td> <td>0</td> <td>Marmaton</td> <td>1,200</td> <td>13</td> </tr> </table>												no report						Newton	12-30S- 9E	40	3,419		1	Arbuckle	2,600	11	Preator					0	Mississippian			Preston	12-30S- 9E	90	2,242		3	Mississippian	1,550	3	Re-Clig	31S-10E	130	5,750	120,090	4	Arbuckle	2,873	22	Roby ('56)	20-28S- 9E	320	17,404		12	Kansas City	2,039	8		12-31S- 8E				0	Marmaton	1,200	13
			no report																																																																				
Newton	12-30S- 9E	40	3,419		1	Arbuckle	2,600	11																																																															
Preator					0	Mississippian																																																																	
Preston	12-30S- 9E	90	2,242		3	Mississippian	1,550	3																																																															
Re-Clig	31S-10E	130	5,750	120,090	4	Arbuckle	2,873	22																																																															
Roby ('56)	20-28S- 9E	320	17,404		12	Kansas City	2,039	8																																																															
	12-31S- 8E				0	Marmaton	1,200	13																																																															

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Moline	16-31S-10E	160	8, 254	4	0	Mississippian	560	20
New Albany	29S-13E	240	464	6	0	"Wayside"	2, 050	10
Porter	29S- 8E		no report	0	0	Kansas City	3, 000	4
Preston	12-30S- 9E	40	3, 413	1	0	Arbuckle		
Rettig	31S-10E	90	2, 242	3	0	Cherokee	1, 550	
Roby ('56)	20-28S- 9E	130	5, 750	4	0	Mississippian	2, 873	3
Schrader ('28)	12-31S- 8E	320	17, 404	12	0	Lans.-K. C.	1, 520	22
Severy ('22)	8-28S-11E		no report	0	0	Arbuckle	2, 039	8
Thomas ('65)	12-29S-12E	320	6, 494	4	0	Marmaton	1, 200	13
Walker ('27)	5-31S-10E	350	7, 658	8	0	Kansas City		
Ware ('55)	5-31S- 9E		no report	46	13	Mississippian	1, 550	
Webb ('25)	23-31S-10E	980	17, 476	15, 521		Kansas City	2, 225	
Youngmeyer ('41)	25-28S- 8E		no report	24, 487	0	Kansas City	1, 671	
Total Elk County		6, 261	158, 150	280	17	Kansas City	1, 300	
			16, 993, 372			Fort Scott	1, 650	
			recorded			Mississippian	1, 975	
						Arbuckle	2, 300	

ELLIS COUNTY

Air Base ('53)	27-13S-16W	1, 900	169, 780	44	0	Lans.-K. C.	3, 216	5
Air Base East ('59)	25-13S-16W	440	81, 976	11	1	"Gorham"	3, 453	4
Air Base North ('64)	15-13S-16W		no report	473, 004		Penn. congl.	3, 459	7
Alwerth ('66)	5-14S-19W	30	25, 141	2	0	Lansing	3, 088	8
Antonino ('47)	27-14S-19W	160	21, 791	25, 141	0	Lansing	3, 194	
Antonino South ('62)	35-14S-19W	160	8, 077	2, 785, 351	4	Arbuckle	3, 891	12
Antonino Southwest ('66)	34-14S-19W	20	11, 446	132, 056	4	Lans.-K. C.	3, 404	4
Antonino Townsite West ('66)	35-14S-19W	20	10, 790		0	Arbuckle	3, 712	5
Baker ('66)	10-12S-18W	10	1, 216		0	Reagan	3, 726	34
Beeching ('43)	34-15S-16W	500	3, 444	355, 486	6	Lans.-K. C.	3, 554	30
					0	Arbuckle	3, 718	8
					1	Lansing	3, 598	4
					2	Lansing	3, 540	3
					1	Arbuckle	3, 696	4
					6	Lans.-K. C.	3, 156	4

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing wells	Wells abandoned, 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft.	Thickness, ft.	Avg. gravity
ELLIS COUNTY (cont.)										
Bemis-Shutts ('28) Also in Rooks County	16-11S-17W	24,720	3,141,049	195,036,456	981	11	Shawnee Lans.-K. C. Penn. congl. Simpson Arbuckle	2,967 3,408 3,416 3,603 3,680	11	34
Bielman ('52)	24-15S-18W	160	6,186	194,749	4	0	Arbuckle	3,496	4	32
Blue Hill ('37)	14-12S-16W	1,500	87,195	3,517,911	42	0	Topeka Lans.-K. C. "Gorham" Arbuckle	3,030 3,072 3,348 3,360	5 33 6	33
Blue Hill Northeast ('59)	36-11S-16W		no report	5,215	0	0	Lansing	2,962	99	30
Blue Hill Northwest ('58)	3-12S-16W	860	96,270	1,205,089	28	0	Arbuckle	3,300	6	6
Blue Hill Southeast ('59)	24-12S-16W	190	7,165	64,507	6	1	Arbuckle	3,338	7	28
Bowlby ('64)	1-11S-16W	80	20,780	33,943	2	0	Lansing	3,079	6	6
Bowlby North ('66)	1-11S-16W	6	6,389	6,389	1	0	Lansing	3,158	2	40
Boos ('56)	20-15S-17W	80	3,812	96,841	2	0	Arbuckle	3,532	5	37
Brungardt ('52) Also in Rooks County	35-10S-17W	200	36,671	123,309	5	0	Lans.-K. C.	3,194		
Burnham ('59)	11-14S-18W		no report	1,001	0	0	Arbuckle	3,542	12	
Catharine ('36)	3-13S-17W	680	102,771	2,261,677	30	0	Lans.-K. C. Arbuckle	3,262 3,516	24 13	48
Catharine East ('63)	11-13S-17W	420	no report	1,297,073	13	0	Lans.-K. C.	3,292	198	35
Catharine Northwest ('44)	4-13S-17W	420	44,908				Lans.-K. C. Arbuckle	3,330 3,590	21	21
Catharine South ('46)	15-13S-17W	1,360	162,484	4,519,041	54	0	Lans.-K. C. Penn. congl. Arbuckle	3,292 3,538 3,555	12 6 8	32
Catharine Townsite ('49)	9-13S-17W	140	10,452	204,612	4	0	Lansing Arbuckle	3,418 3,585	13 18	25
Chris ('58)	34-11S-16W	80	10,165	165,155	3	0	Lans.-K. C. Arbuckle	3,042 3,395	3 3	19
Chrisler ('49)	22-11S-16W	80	9,086	123,011	2	0	Shawnee	3,038	4	4
Chrisler South ('58)	27-11S-16W	120	6,443	165,451	4	0	Lans.-K. C. Lans.-K. C.	3,100 3,158	35 3	39

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Cochran ('53)	8-11S-18W	100	3,489	130,622	3	0	Lans.-K.C. Arbuckle	3,328	10	18
Cromb ('45)	15-11S-20W	200	7,077	252,380	5	0	Lans.-K.C.	3,565	3	30
Dechant ('56)	7-15S-18W	160	15,486	188,739	6	0	Lansing	3,446	8	6
Dechant Northwest ('66)	2-15S-19W	20	6,067	6,067	2	0	Arbuckle	3,468	6	38
Dechant West ('65)	1-15S-19W	200	61,416	70,465	5	0	Lansing	3,627	4	30
Degenhart ('53)	15-15S-17W	300	9,588	268,449	5	1	Arbuckle Lans.-K.C.	3,689	8	28
Degenhart Southeast ('57)	23-15S-17W	140	1,668	54,934	4	0	Arbuckle Lans.-K.C.	3,521	10	38
Dinges ('54)	9-15S-18W	80	10,091	151,622	2	0	Arbuckle	3,445	5	5
Dinges East ('66)	3-15S-18W	10	8,482	8,482	1	0	Arbuckle	3,520	5	34
Dortland ('64)	24-13S-16W	120	4,304	18,088	3	1	Lansing	3,624	12	38
Dreiling ('49)	21-14S-16W	580	29,594	1,279,680	21	1	Lans.-K.C. Arbuckle	3,137	159	31
Dreiling East ('62)	23-14S-16W		no report	1,268	0	0	Arbuckle	3,120	16	32
Dreiling North ('64)	15-14S-16W	80	615	6,535	2	1	Lansing	3,414	13	31
Dreiling Southeast ('53)	27-14S-16W	460	12,059	532,955	11	0	Lans.-K.C. Arbuckle	3,072	6	32
Eagle Creek ('54)	11-11S-20W	540	21,782	710,761	11	0	Arbuckle	3,327	10	37
Eagle Creek East ('58)	2-11S-20W	40	3,115	43,726	1	0	Lans.-K.C.	3,368	12	33
Edsibel ('66)	9-14S-20W	10	8,971	8,971	1	0	Lansing	3,348	5	36
Ellis ('42)	31-12S-20W	1,740	132,620	2,179,039	30	1	Kansas City Lans.-K.C.	3,639	13	36
Also in Trego County							Arb.-Reagan Reagan	3,832	3	40
Ellis Southeast ('65)	8-13S-20W	20	9,716	9,716	1	0	Lans.-K.C.	3,428	5	5
Eiru ('64)	35-15S-19W	40	11,836	15,279	1	0	Reagan	3,586	2	2
Also in Rush County										
Emmeram ('37)	4-13S-16W	600	37,565	630,892	18	0	Lans.-K.C.	3,262	7	39
Emmeram Northeast ('49)	27-12S-16W	1,060	73,225	1,494,672	24	0	Shawnee Lans.-K.C.	3,124	8	35
Engel ('56)	34-14S-18W	260	18,311	300,347	5	0	Arbuckle Lans.-K.C.	3,272	4	39
Engel West ('56)	33-14S-18W	40	5,560	7,540	1	0	Penn. congl. Arbuckle	3,541	3	6
Erbert ('53)	20-12S-20W	40	1,476	42,305	1	0	Lans.-K.C. Lans.-K.C.	3,621	5	34
Experiment ('52)	8-14S-18W	40	1,824	21,736	1	0	Arbuckle	3,612	4	40
							Arbuckle	3,368	4	40
							Arbuckle	3,527	34	34
							Arbuckle	3,906	13	13

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well — Sec., T., R	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband. 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
Fairport ('23) Also in Russell County	8-12S-15W	1,840	126,165	5,066,342	47	2	Lans.-K. C. "Gorham" Arbuckle	2,950 3,211 3,312	12 5	32
Fort Hays State College ('50)	1-14S-19W	80	4,281	157,311	2	0	Lans.-K. C. Arbuckle	3,350 3,458 3,806	19 20	28
Gatschet ('65)	13-13S-19W	240	70,337	95,455	4	0	Shawnee Lans.-K. C. Arbuckle	3,338 3,367 3,807	28 20 6	37 36 32
Ger ('60)	15-13S-20W		no report				Arbuckle	3,439	9	
Giunther ('52)	17-11S-19W	80	5,411	116,198	2	0	Lans.-K. C. Arbuckle	3,554 3,354	4 22	
Gross ('63)	25-13S-18W	120	13,173	63,279	3	0	Lans.-K. C.			
Haller ('36)	10-11S-18W	40	3,374	38,898	1	0	Shawnee			
Hammerschmidt ('64)	12-14S-16W	40	1,884	7,350	1	0	Lans.-K. C.	3,185		
Hays ('64)	13-13S-18W	40	519	8,739	1	1	Lans.-K. C.	3,151 3,463	25 3	
Herbert ('58)	18-13S-20W	280	28,411	329,600	7	0	Lansing Marmaton Arbuckle	3,521 3,870 3,907	4 96 19	
Herl ('51)	28-14S-17W	80	4,149	205,727	2	0	Lans.-K. C. Penn. congl. Arbuckle	3,382 3,453 3,476	8 8 28	28
Herzog ('40)	30-13S-16W	1,560	92,578	2,696,224	33	0	Lans.-K. C. Arbuckle	3,232 3,450	6 8	39
Herzog South ('59)	5-14S-16W	40	870	14,118	1	0	Lansing	3,207	6	27
Heyl ('56)	20-14S-17W	120	8,554	89,683	3	0	Toronto Arbuckle	3,513 3,222	7 8	29
Heyl Southeast ('59)	21-14S-17W	220	24,894	173,769	7	0	Toronto Lans.-K. C. Arbuckle	3,260 3,509	8 9	
Holy Cross ('53)	26-12S-18W	40	2,652	101,486	1	0	Lans.-K. C.	3,423	4	34
Holz ('59)	18-13S-16W	40	1,040	14,803	1	0	Lansing	3,276	5	35
Irvin ('46)	6-14S-19W	3,000	383,198	6,847,419	85	1	Lans.-K. C. Arbuckle	3,553 3,860	5 39	

ELLIS COUNTY (cont.)

Irvin East ('55)	4-14S-19W	80	6,385	35,490	2	0	Lans.-K. C. Arbuckle	3,628	18	35
Jacob ('51)	6-11S-19W	40	4,814	29,335	1	0	Lans.-K. C.	3,835	30	
Kaiser ('59)	30-13S-20W	200	18,901	226,641	5	0	Lansing Arbuckle	3,542	4	23
Kell ('66)	19-12S-20W	10	6,672	6,672	1	0	Arbuckle	3,565	5	41
Koblitz West ('59)	21-12S-18W		no report	7,151		0	Arbuckle	3,926	3	34
Kraus ('36)	22-14S-19W	1,760	128,701	2,337,798	47	1	Lans.-K. C. Marmaton "Sooy"	3,936	7	32
Krueger ('48)	35-10S-16W	1,040	100,441	2,486,129	31	0	Arbuckle	3,660	5	
Also in Rooks County								3,834	4	
Leiker ('43)	14-15S-18W	800	115,378	2,240,730	20	1	Arbuckle	3,735	5	39
Leiker East ('53)	12-15S-18W	1,200	163,982	3,901,889	46	0	Toronto	3,732	25	
Leiker North ('56)	2-15S-18W	200	16,942	290,786	5	0	Lans.-K. C.	3,235	25	37
Leiker Southeast ('54)	14-15S-18W	660	93,826	548,110	21	2	Lans.-K. C. Penn. congl. Arbuckle	3,552	25	40
Leinmiller ('59)	2-12S-19W	120	8,887	83,747	3	0	Lans.-K. C.	3,292		
Leonhardt ('62)	20-14S-18W	80	4,300	12,196	2	0	Arbuckle	3,591	5	38
Lieb ('56)	17-11S-16W	140	3,857	242,834	6	0	Arbuckle	3,321	8	45
Lieb East ('57)	16-11S-16W	180	12,629	247,124	7	0	Arbuckle	3,576	13	34
Meistrell Southwest ('59)	9-11S-18W	120	10,754	135,232	4	0	Lans.-K. C.	3,292	19	36
Mendota ('51)	5-11S-20W	80	4,350	139,468	2	0	Arbuckle	3,547	4	26
Meserve ('65)	18-15S-20W	40	6,367	7,853	1	0	Toronto	3,401	6	22
Also in Trego County								3,695	13	
Mixer ('65)	7-11S-20W	80	28,835	36,050	2	0	Lansing	3,376	35	38
Neddam ('57)	16-11S-18W	80	2,165	53,004	2	0	Arbuckle	3,356	7	28
Nellie Belle ('55)	15-13S-17W	120	4,549	114,797	3	0	Lansing	2,982	8	
Nicholson ('45)	30-11S-20W	1,360	163,689	2,098,322	30	0	Arbuckle	3,346		
Also in Trego County								3,262		
North ('56)	20-15S-20W		no report	65,670		0	Lans.-K. C.	3,289	4	32
Penny-Wann ('36)	13-15S-20W	40	4,305	256,660	1	0	Lans.-K. C. Penn. congl. "Sooy"	3,530	10	35
								3,668	23	40
								3,419	28	31
								3,668	8	
								3,162	8	
								3,521	1	27
								3,842	12	34
								3,562	8	
								3,862	5	38
								3,653	3	30

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T. R.	Area, acres	Oil production, bbl		Producing zone	Wells abtd., 1966	Pro- ducing wells	Name	Depth, ft	Thick- ness, ft	Avg. gravity	
			During 1966	To end of 1966								
ELLIS COUNTY (cont.)												
Pfeifer ('64)	19-13S-19W	80	12,431	30,104	Lans.-K. C.	0	2	Lans.-K. C.	3,484	5		
Pleasant ('44)	2-14S-20W	1,800	140,828	4,028,374	Shawnee	0	47	Shawnee	3,569			
					Marmaton			Marmaton	3,805			
					Penn. congl.			Penn. congl.				
Pleasant Southeast ('60)	12-14S-20W	20	6,402	6,402	Arbuckle	0	1	Arb.-Reagan	3,833	38		
Pleasant West ('61)	4-14S-20W	40	3,494	5,193	Arbuckle	0	1	Arbuckle	3,770	6		
Pol ('66)	8-13S-18W	10	1,688	1,688	Arbuckle	0	1	Arbuckle	3,937	8	37	
Polifka ('48)	7-13S-17W	1,000	158,349	1,545,095	Arbuckle	0	29	Lansing	3,475	47	31	
Polifka East ('66)	3-13S-17W	80	5,289	5,289	Arbuckle	0	2	Arbuckle	3,640	33	31	
Polifka Southeast ('65)	17-13S-17W		no report	4,434	Arbuckle	0	0	Arbuckle	3,596	14	25	
Potter ('56)	20-11S-16W	800	91,173	1,170,957	Pleasanton	1	23	Pleasanton	3,590	7	26	
					Arbuckle			Arbuckle	3,309	7	32	
Raynesford ('52)	17-13S-20W	80	2,094	98,744	Lans.-K. C.	0	2	Lans.-K. C.	3,535	5	30	
					Penn. congl.			Penn. congl.	3,870			
Raynesford East ('52)	16-13S-20W	300	14,260	375,394	Arbuckle	0	5	Arbuckle	3,861	9	39	
Reed ('49)	5-13S-17W	40	4,423	59,540	Lans.-K. C.	0	1	Lans.-K. C.	3,424	12		
					Arbuckle			Arbuckle	3,596			
Reed Northwest ('62)	31-12S-17W	80	8,868	54,987	Lans.-K. C.	0	2	Lans.-K. C.	3,373	10	27	
					Arbuckle			Arbuckle	3,636	7		
Reichert ('53)	4-15S-19W		no report	2,531	Lans.-K. C.	0	0	Lans.-K. C.	3,360	10	32	
Richards ('56)	5-11S-18W	40	2,133	148,802	Toronto	0	1	Toronto	3,295	2		
					Lans.-K. C.			Lans.-K. C.	3,466		37	
Riverview ('43)	19-11S-18W	960	56,128	2,909,910	Arbuckle	0	17	Arbuckle	3,610	18		
Riverview East ('66)	28-11S-18W	10	8,518	8,518	Lansing	0	1	Lansing	3,381	20	38	
Riverview South ('56)	32-11S-18W	120	4,962	115,279	Lans.-K. C.	0	3	Lans.-K. C.	3,367	5	33	
Ruder ('35)	17-15S-18W	3,000	91,587	2,062,522	Lans.-K. C.	1	33	Lans.-K. C.	3,422	35		
					Arbuckle			Arbuckle	3,572	10		
Ruder North ('57)	4-15S-18W	200	16,676	66,834	Arbuckle	0	5	Arbuckle	3,619	9	30	
Ruder Southwest ('59)	18-15S-18W		no report	513	Lans.-K. C.	0	0	Lans.-K. C.	3,494	8		
					Arbuckle			Arbuckle	3,634	4		
Schmeidler ('44)	28-12S-17W	1,340	94,659	1,957,644	Lans.-K. C.	0	34	Lans.-K. C.	3,389	6	26	
					Arbuckle			Arbuckle	3,625	10		
ELLIS COUNTY (cont.)												
					Lans.-K. C.			Lans.-K. C.	3,414			
					Lans.-K. C.			Lans.-K. C.	3,563			
					Topoka			Topoka	3,099		38	
					Lansing			Lansing	3,410	66		
					Wabunsee			Wabunsee	3,013	4	19	
					Topoka			Topoka	2,990			
					Lans.-K. C.			Lans.-K. C.	3,229			
					Arbuckle			Arbuckle	3,629	3	19	
					Arbuckle			Arbuckle	3,625	10	26	
ELLIS COUNTY (cont.)												
					Lans.-K. C.			Lans.-K. C.	3,414			
					Lans.-K. C.			Lans.-K. C.	3,563			
					Topoka			Topoka	3,099		38	
					Lansing			Lansing	3,410	66		
					Wabunsee			Wabunsee	3,013	4	19	
					Topoka			Topoka	2,990			
					Lans.-K. C.			Lans.-K. C.	3,229			
					Arbuckle			Arbuckle	3,629	3	19	
					Arbuckle			Arbuckle	3,625	10	26	

Schoenchen ('46)	21-15S-18W	1,100	55,909	1,924,724	29	0	Lans.-K. C. Arbuckle	3,324 3,569	6 9	31
Schoenchen Townsite ('56)	28-15S-18W	40	3,116	51,233	1	0	Lans.-K. C.	3,255	4	39
Schoenthaler ('64)	31-12S-19W	80	24,064	36,700	2	0	Lansing	3,434	151	
Sessin North ('63)	4-11S-19W	80	10,711	30,263	2	0	Lans.-K. C.	3,353	4	
Solburn ('64)	28-14S-20W	280	105,867	170,974	7	0	Topeka	3,089		
	Lansing						Lansing	3,410	55	38
Solomon ('36)	28-11S-19W	120	364,860	8,231,556	120	3	Wabaunsee	3,013	4	
							Topeka	2,990		19
							Lans.-K. C.	3,229		
Solomon South ('57)	33-11S-19W	80	10,245	134,065	2	0	Arbuckle	3,629	3	19
Solomon Southeast ('57)	35-11S-19W	120	5,298	187,864	3	0	Arbuckle	3,652	3	
Spring Brook ('66)	17-14S-20W	80	12,903	12,903	2	0	Arbuckle	3,682	4	18
Spring Hill ('61)	23-14S-20W		no report	1,139		1	Lansing	3,640	4	
Stockrange ('57)	21-15S-20W		no report	23,514		0	Kansas City	3,414	4	32
Sugarloaf ('41)	17-13S-17W	640	22,557	1,137,868	9	0	Penn. congl.	3,864	6	38
							Lans.-K. C.	3,391		30
							Arbuckle	3,645	9	
Sugarloaf Southeast ('41)	28-13S-17W	2,240	257,540	5,364,970	59	0	Lans.-K. C.	3,312	8	30
							Arbuckle	3,520		35
Sweet William ('50)	10-12S-20W		no report	32,917		0	Lans.-K. C.	3,700		
							Arbuckle	3,908		
Sweet William Northwest ('56)	4-12S-20W		no report	20,481		0	Lans.-K. C.	3,739	8	36
							Arbuckle	3,910	8	
Toulon ('35)	3-14S-17W	1,080	67,839	1,844,045	28	0	Marmaton	3,298	5	34
							Lans.-K. C.	3,512	45	
Toulon South ('58)	14-14S-17W	300	18,495	347,019	8	0	Arbuckle	3,302	10	35
							Lans.-K. C.	3,523	10	32
Toulon Southwest ('55)	16-14S-17W	500	59,104	442,609	16	0	Arbuckle	3,272	8	33
							Lansing	3,504	4	
Trico ('51)	30-10S-20W	300	27,730	436,829	6	0	Arbuckle	3,610	10	
Also in Graham, Rooks, and Trego counties							Arbuckle			
Turkville ('53)	11-11S-17W	80	3,234	132,631	2	0	Lans.-K. C.	3,165	24	24
							Arbuckle	3,359		34
Turkville West ('59)	10-11S-17W		no report	30,772		0	Arbuckle	3,378	6	-27
Ubert ('36)	12-13S-18W	120	20,152	529,613	5	0	Lans.-K. C.	3,707		32
							Arbuckle	3,339		33
Ubert Northwest ('52)	1-13S-18W	560	70,808	1,444,856	19	1	Lans.-K. C.	3,592		33
							Arbuckle	3,356	5	25
Upper Turkville ('48)	9-11S-17W	80	9,535	89,376	2	0	Arbuckle	3,182	1	
Victoria North ('53)	6-14S-16W	360	37,443	416,170	13	1	Toronto	3,208	6	
							Lans.-K. C.	3,471		35
							Arbuckle			

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec. T. R.	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband. 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
ELLIS COUNTY (concl.)										
Victoria South ('61)	19-14S-16W		no report	2,658	0	0	Lans.-K. C.	3,215	52	39
Vincent ('64)	32-14S-16W	40	8,019	21,877	1	0	Lansing	3,171	6	
Wagner ('56)	36-14S-16W		no report	17,709	0	0	Arbuckle	3,420	7	33
Wallace ('65)	33-15S-20W	520	107,991	127,511	13	0	Penn. congl.	3,966	22	36
Walters North ('66)	2-12S-18W	40	12,416	12,416	2	0	Lansing	3,254	56	
							Arbuckle	3,536	3	
Walter Southwest ('66)	26-12S-18W	10	no report		1	0	Arbuckle	3,690	5	
Warren ('49)	12-11S-20W	40	2,136	82,771	1	0	Lans.-K. C.	3,458		31
Weitzel Northeast ('64)	31-15S-19W	240	26,979	89,563	3	0	Lansing	3,364	36	
							Marmaton	3,648	11	
							Reagan	3,691	2	
Werth ('58)	2-13S-20W	40	5,365	72,617	1	0	Lansing	3,466	15	
Werth North ('62)	35-12S-20W	120	12,214	52,333	3	0	Arbuckle	3,833	6	33
Wheatland ('49)	18-15S-17W	400	36,195	613,658	10	0	Arbuckle	3,880	6	35
							Lans.-K. C.	3,307	14	
Wheatland East ('66)	17-15S-17W	40	36,195	36,195	4	0	Arbuckle	3,571		32
							Lans.-K. C.	3,348	7	41
Wheatland Northwest ('53)	12-15S-18W	120	7,500	125,332	3	0	Arbuckle	3,569	2	39
Wheatland Southeast ('55)	28-15S-17W	120	9,791	167,593	3	0	Arbuckle	3,566	6	37
							Lans.-K. C.	3,335	14	
							Penn. congl.	3,526		
Wheatland Southwest ('53)	19-15S-17W	580	77,882	1,600,870	21	0	Arbuckle	3,516	5	39
							Lans.-K. C.	3,252		32
Yocemento ('29)	9-13S-19W	40	3,970	82,440	1	0	Arbuckle	3,554	9	
Younger ('44)	6-14S-17W	920	74,798	1,101,496	23	0	Lans.-K. C.	3,508	24	35
							Lans.-K. C.	3,331	8	
Younger Northwest ('62)	30-13S-17W	280	13,092	124,233	7	0	Arbuckle	3,574	18	33
Younger Southeast ('62)	4-14S-17W	40	4,087	23,951	1	0	Lansing	3,375	20	
Younger Southwest ('59)	7-14S-17W		no report	2,136	0	0	Kansas City	3,347	6	
Younger ('59)	9-12S-19W	40	2,967	38,738	1	0	Arbuckle	3,550	12	26
Younger Southwest ('53)	17-12S-19W	80	5,741	32,722	2	0	Lansing	3,493	10	34
Miscellaneous			no report			2	Lans.-K. C.	3,522	19	33
Pools and fields abandoned										
Total Ellis County		86,780	8,645,839	294,246,902	2,510	41				

ELLSWORTH COUNTY

Andrews ('52)	4-17S- 8W	80	1,787	163,541	2	0	Arbuckle	3,302	3
Bloomer ('36)	36-17S-11W	2,320	144,525	16,681,927	71	2	Lans.-K. C.	3,044	43
Also in Barton and Rice counties									
Geneseo-Edwards ('34)	25-16S- 8W	3,190	490,290	23,573,098	107	1	Simpson	3,157	11
Also in Rice County									
Green Garden ('54)	1-17S- 9W	260	25,804	255,166	9	0	Arbuckle	3,278	41
							Lans.-K. C.	3,046	4
							Arbuckle	3,243	40
Green Garden West ('64)	4-17S- 9W	80	10,147	20,120	2	0	Lansing	2,928	4
Gregory ('63)	26-16S- 9W	200	14,010	103,759	5	0	Arbuckle	3,241	4
Heiken ('30)	25-17S-10W	440	29,548	1,029,141	10	0	Lans.-K. C.	2,974	43
							Penn. congl.	3,226	
							Arbuckle	3,269	
Heiken North ('42)	24-17S-10W	240	16,019	307,876	6	1	Arbuckle	3,212	2
Kootz ('65)	7-17S- 9W	80	5,353	10,593	2	0	Arbuckle	3,286	4
Kraft-Prusa ('37)	10-17S-11W	800	19,119	1,540,099	13	2	Shawnee	2,885	4
Also in Barton County									
Lorraine ('34)	13-17S- 9W	1,620	37,590	11,351,971	25	1	Lans.-K. C.	3,060	5
							Arbuckle	3,310	34
							Reagan	3,200	120
Lorraine North ('53)	12-17S- 9W	160	10,458	231,125	5	1	Arbuckle	3,066	5
Maes ('52)	26-17S- 8W	440	13,920	1,405,291	11	0	Lans.-K. C.	3,341	16
Oxhide ('63)	24-16S- 9W	400	120,363	279,339	10	0	Arbuckle	3,291	1
Palacky (Rev.) ('49)	31-16S-10W		17,370	52,967	3	0	Arbuckle	3,148	8
							Lans.-K. C.	3,148	46
Progress ('55)	10-16S-10W	100	10,159	428,509	3	0	Arbuckle	3,402	8
Progress Northwest ('55)	4-16S-10W	240	17,781	869,861	10	0	Arbuckle	3,303	8
Schlessiger ('65)	30-16S-10W	80	14,744	16,057	2	0	Lansing	2,995	4
							Lans.-K. C.	3,169	5
Stoltenberg ('31)	22-16S-10W	8,240	473,595	45,702,391	242	10	Lans.-K. C.	3,260	42
Also in Barton County									
West ('51)	20-17S-10W		no report	61,369		1	Simpson	3,379	2
Wilkins Southeast ('42)	32-17S- 9W	40	no runs	513,177	1	0	Arbuckle	3,333	14
							Arbuckle	3,287	39
Total Ellsworth County		19,010	1,472,766	104,597,561	540	19		3,220	9

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thickness, ft	Avg. gravity
FINNEY COUNTY										
Amazon Ditch ('61)	20-22S-34W	720	42,828	313,765	6	0	Toronto	3,764	6	
							Marmaton	4,286		
Cowgill ('61)	27-24S-33W	200	15,676	177,918	5	0	Mississippian	4,674	6	31
Damme ('51)	21-22S-33W	2,960	249,560	3,392,302	58	1	Morrowan	4,809	11	27
							Marmaton	4,417	5	
							Morrowan	4,700		
Finnup East ('53)	25-22S-33W	80	120	15,638	2	0	Mississippian	4,626	10	32
Ivanhoe ('59)	17-26S-33W	60	26,464	96,995	2	0	Marmaton	4,442	16	30
							Morrowan	4,556	12	37
Kisner ('61)	36-26S-33W		no runs	665	1	0	Morrowan	4,922	5	27
Nunn ('38)	27-21S-34W	1,380	77,953	3,156,114	27	0	Morrowan	4,972	2	26
							Kansas City		13	31
							Marmaton			34
							Cherokee	4,550		
Nunn East ('61)	31-21S-33W	120	18,851	117,947	3	0	Mississippian	4,654	10	27
							Marmaton	4,238		
							Cherokee	4,412	22	
							Morrowan	4,624	2	30
Nunn North ('57)	22-21S-34W		Included with Nunn				Mississippian	4,651	19	26
Pleasant Prairie ('54)	4-27S-34W	5,600	1,039,353	8,186,603	91	0	Marmaton	4,382	12	
							Morrowan	4,460	10	
							Morrowan	4,959	9	
							Mississippian	5,041		34
Sequoyah ('56)	17-23S-34W	40	3,235	140,375	1	0	Morrowan	4,694	10	34
Stewart ('52)	6-23S-30W	40	1,565	48,034	1	0	Mississippian	4,710	28	
Wampler ('59)	17-21S-33W	120	9,594	184,218	3	0	Marmaton	4,252	12	34
							Morrowan	4,573	4	31
Pools and fields abandoned				29,883						
Total Finney County		12,120	1,485,199	15,860,457	228	1				
FORD COUNTY										
Coon Creek ('65)	2-26S-21W		no report			0	Mississippian			4,766

	33-25S-21W	160	44, 082	90, 534	4	0	Lansing Cherokee	4, 205 4, 683	2 21	37 36
<i>Little Coon Creek ('61)</i>								4, 779	4	
<i>Pleasant Valley ('50)</i>	34-27S-21W		no report	18, 341	0	0	Mississippian	4, 954	145	
<i>Rushville ('62)</i>	9-27S-21W	40	no runs	6, 275	1	0	Mississippian	4, 928	19	31
<i>Tasset ('64)</i>	10-25S-22W		no report	736		0	Spengen	4, 777	18	
<i>Willroads</i>	26-27S-24W	40	9, 628	75, 433	1	0	Marmaton	4, 663	9	38
Miscellaneous			no report	6, 010		1				
Pools and fields abandoned										
Total Ford County		240	53, 710	197, 329	6	3				
FRANKLIN COUNTY										
<i>Baldwin ('19)</i>	15S-20E	640	27, 027		48	0	"Squirrel"	800		
Also in Douglas County										
<i>LeLoup</i>	15S-20E	80	246		2	0	"Squirrel"	750		
<i>Norwood</i>	15S-20E	80	741		8	0				
<i>Ottawa ('27)</i>	17S-19E	60	704		2	0				
<i>Paola-Rantoul (1860)</i>	17S-21E	28, 800	179, 787		670	4	"Knobtown"	300		
Also in Miami County							"Hepler"	400		
							"Prue"	500		
							"Squirrel"	600		
							"Bartlesville"	700		
Total Franklin County		29, 660	208, 505	13, 080, 845	730	4				
				recorded						
GEARY COUNTY										
<i>Ave ('65)</i>	4-12S-8E	40	1, 115	2, 106	1	0	Penn. congl.	1, 858	16	31
<i>Ge-See ('59)</i>	27-11S-8E	20	849	8, 862	1	0	Cherokee	1, 749	12	
Also in Riley County										
Total Geary County		60	1, 964	10, 968	2	0				
GOVE COUNTY										
<i>Castle Rock ('66)</i>	34-14S-27W	120	17, 939	17, 939	3	0	Mississippian	4, 246	7	39
<i>Four Corners ('65)</i>	27-14S-29W		no report			0	Mississippian	4, 310	18	

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well — Sec., T., R	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Producing zone			
			During 1966	To end of 1966			Name	Depth, ft	Thickness, ft	Avg. gravity
GOVE COUNTY (concl.)										
Garvey Ranch ('63)	18--15S--26W	120	47,036	168,034	3	0	Lans.-K. C.	3,714	8	
Horchem ('64)	27--15S--26W	400	148,522	377,508	8	2	Mississippian	4,295	8	
Horchem West ('64)	31--15S--26W	40	168	4,235	1	0	Mississippian	3,783	12	
Jacka ('64)	8--15S--26W	120	16,765	44,830	3	0	Mississippian	4,350	8	
Lundgren ('52)	30--14S--29W	500	47,405	441,745	11	0	Mississippian	4,384	16	39
Valhalla ('64)	14--15S--28W	40	4,899	21,344	1	0	Pawnee	3,846	6	
Pools and fields abandoned				111,145			Fort Scott	4,174	5	
							Cherokee	4,076	18	
							Mississippian	4,139	1	
							Lansing	4,164	14	40
Total Gove County		1,340	282,734	1,186,780	30	2		4,277	6	
								3,648	8	
GRAHAM COUNTY										
Allodium ('55)	19--6S--25W	40	3,296	63,039	1	0	Lans.-K. C.	3,740	5	36
Biazier ('55)	21--7S--25W	440	50,945	873,189	11	0	Lans.-K. C.	3,785	8	
Biazier Northwest ('57)	20--7S--25W		no report	60,226	0	0	Lans.-K. C.	3,844	6	40
Bollig ('62)	28--9S--25W	240	34,155	71,144	5	0	Lans.-K. C.	3,986	4	
Brassfield ('56)	2--10S--22W	560	18,294	435,127	11	1	Lans.-K. C.	3,668	45	39
Brush Creek ('55)	4--9S--23W	680	25,995	860,372	20	0	Lans.-K. C.	3,768	4	40
Brush Creek Northwest ('57)	32--8S--23W	120	13,336	171,724	3	0	Lans.-K. C.	3,818	3	38
Bryan ('59)	9--10S--24W		no report	7,783	0	0	Lansing	3,898	6	36
Bryan Northeast ('61)	4--10S--24W	160	50,826	238,550	4	0	Lans.-K. C.	3,780	24	33
Conness ('58)	23--10S--23W	180	5,155	134,453	5	0	Lans.-K. C.	3,712	4	37
Cooper ('43)	5--10S--20W	8,000	461,832	15,251,661	163	3	Lans.-K. C.	3,619	6	36
Also in Rooks County							Arbuckle	3,778	2	31
Culp ('61)	21--10S--24W	80	14,246	83,480	2	0	Lans.-K. C.	3,796	6	41
Diebolt ('53)	33--10S--23W	1,460	214,643	3,742,670	84	0	Lans.-K. C.	3,779	6	35
Also in Trego County										
Dorman ('52)	30--10S--23W		no report	21,325	0	0	Lans.-K. C.	3,921	22	32

Dripping Springs ('66)	36- 7S-25W	40	10, 304	10, 304	1	0	Lansing	3, 926	3	40
Eirick ('55)	15-10S-25W	2, 600	493, 102	4, 228, 137	72	1	Toronto Lans.-K. C. Cherokee	3, 770 3, 931 4, 212	8 5 10	
Eirick Southeast ('59)	23-10S-25W	120	12, 468	126, 910	3	0	Lansing	3, 751	6	41
Emor ('57)	34- 9S-25W	700	158, 203	1, 376, 445	20	0	Lansing	4, 016	12	40
Emor North ('60)	27- 9S-25W	80	5, 668	53, 403	2	0	Lans.-K. C.	3, 867	5	39
Emor Northeast ('65)	26- 9S-25W	80	2, 254	4, 325	2	0	Lansing	3, 869	10	40
Evergreen ('56)	22- 9S-23W		no report	12, 903	0	0	Lans.-K. C.	3, 711	2	29
Evergreen Northwest ('57)	17- 9S-23W	600	15, 790	529, 301	16	0	Lans.-K. C.	3, 826	4	38
Fabricius ('58)	28- 7S-23W	720	84, 104	1, 137, 207	23	0	Lansing	3, 637	3	40
Faul ('58)	22-10S-22W	120	4, 245	82, 996	3	0	Lansing	3, 760	4	36
Faulkner ('45)	27-10S-22W	40	5, 367	268, 838	1	0	Lans.-K. C. Marmaton	3, 629 3, 844	2 30	37 39
Gettysburg ('41)	7- 8S-23W	120	17, 788	139, 564	3	0	Lans.-K. C.	3, 725	30	39
Glen Dale South ('66)	26- 9S-24W	80	51, 284	51, 284	8	0	Lans.-K. C.	3, 887	3	36
Glen Dale Southeast ('58)	24- 9S-24W	180	23, 025	219, 402	6	0	Lansing	3, 932	3	38
Glen Dale Southwest ('57)	28- 9S-24W	80	10, 835	120, 082	2	0	Lans.-K. C.	4, 026	8	40
Gra-Sher ('59)	6-10S-25W	260	74, 594	616, 962	8	0	Lansing	3, 815	4	33
Gurk ('58)	18-10S-25W	120	10, 077	165, 956	4	0	Lansing	3, 824	34	34
Gurk North ('62)	7-10S-25W	80	18, 747	47, 323	2	0	Lans.-K. C.	3, 927	68	40
Harmony ('51)	32- 7S-22W	320	8, 430	399, 478	5	0	Lans.-K. C. Arbuckle	3, 597 3, 776	5 8	37 37
Harmony South ('58)	7- 8S-22W	200	24, 989	380, 336	5	0	Lansing	3, 578	8	37
Harrold ('57)	29- 9S-21W		no report	34, 525	0	0	Arbuckle	3, 885	5	
Hatcher ('55)	6- 9S-21W		no report	37, 449	0	0	Arbuckle	3, 722	8	
Higer ('57)	20- 8S-23W		no report	114, 857	0	0	Lans.-K. C.	3, 710	4	40
Higer Northeast ('57)	17- 8S-23W	480	32, 512	482, 656	10	0	Lans.-K. C.	3, 644	5	39
Highland ('51)	20- 8S-22W		no report	26, 986	0	0	Lans.-K. C.	3, 616	37	
Highland Southwest ('58)	29- 8S-22W	40	1, 450	91, 252	1	0	Lansing	3, 584	3	
Holley ('54)	3- 9S-24W	4, 560	459, 185	4, 430, 873	116	0	Lans.-K. C.	3, 900	6	47
Holley North ('55)	29- 8S-24W	180	11, 616	341, 918	6	0	Lans.-K. C.	3, 897	9	45
Holley Northwest ('57)	25- 8S-25W	80	4, 859	67, 192	2	0	Lans.-K. C.	3, 831	5	
Holley Southeast ('57)	10- 9S-24W	180	19, 211	395, 860	6	0	Lans.-K. C.	3, 960	5	41
Hoof ('54)	9-10S-23W	640	174, 130	2, 597, 765	28	0	Lans.-K. C.	3, 865	4	32
Hoof East ('59)	14-10S-23W	160	5, 932	187, 226	4	1	Lansing	3, 874	10	34
Hoof Northwest ('57)	6-10S-23W	660	132, 368	1, 059, 523	27	0	Lans.-K. C.	3, 934	11	43
Hoof West ('55)	8-10S-23W	340	17, 581	274, 047	8	2	Lans.-K. C.	3, 903	5	
Huntington ('55)	7- 7S-25W	200	25, 071	400, 809	4	0	Lans.-K. C.	3, 832	8	40
Hutton ('58)	1- 8S-24W	40	3, 208	35, 270	1	0	Lans.-K. C.	3, 764	3	
Ironclad ('50)	23- 9S-22W	400	33, 403	993, 452	8	0	Lans.-K. C.	3, 756	6	37
J. A. B. ('62)	17- 7S-23W		no report	5, 870	0	0	Lans.-K. C.	3, 692	160	33

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T. R.	Area, acres	Oil production, bbl		Producing wells, 1966	Name	Producing zone		
			During 1966	To end of 1966			Depth, ft	Thick-ness, ft	Avg. gravity
GRAHAM COUNTY (concl.)									
Jackson Branch ('65)	5- 9S-23W	120	27,063	46,422	3	Lansing	3,678	4	39
Knoll ('57)	4- 9S-25W		no report	14,759	0	Lans.-K. C.	3,875	4	
Knoll North ('66)	29- 8S-25W	40	3,212	3,212	4	Lansing	3,888	13	41
Knoll Northwest ('58)	5- 9S-25W	40	2,793	21,036	1	Lansing	3,991	5	33
Kobler ('58)	27- 8S-24W	80	11,206	183,476	2	Lans.-K. C.	3,841	15	36
Kohart ('63)	28- 9S-24W	120	22,304	107,296	3	Lans.-K. C.	3,859	5	40
Lacerte ('56)	32-10S-22W		no report	34,394	0	Lans.-K. C.	3,602	4	36
Lagere ('66)	23- 8S-23W	10	5,679	5,679	1	Lansing	3,436	32	
Law ('51)	34- 9S-23W	900	36,948	1,418,137	15	Lans.-K. C.	3,922	10	38
						Penn. congl.	4,126		
Law Northwest ('57)	28- 9S-23W	200	26,503	552,248	8	Lans.-K. C.	3,826	6	38
Law Southeast ('55)	12-10S-23W	480	25,098	654,757	14	Lans.-K. C.	3,869	30	30
						Penn. congl.	4,088	11	40
Lindenman ('59)	31- 6S-25W	80	8,790	89,662	2	Lansing	3,672	36	38
Lindenman West ('65)	31- 6S-25W	80	30,258	30,258	2	Lans.-K. C.	3,842	5	
Martha Washington ('62)	24-10S-25W	180	32,940	99,913	5	Lans.-K. C.	3,891	4	41
Martha Washington East ('65)	19-10S-24W		no report	2,041	1	Lansing	3,913	9	33
Mickleson ('52)	27- 8S-22W	140	5,834	166,013	4	Lans.-K. C.	3,502	34	
Montgomery ('53)	8- 8S-23W	100	5,402	112,140	3	Arbuckle	3,759	16	24
Montgomery East ('58)	4- 8S-23W		no report	13,709	0	Lans.-K. C.	3,511	33	
Morel ('38)	15- 9S-21W	8,580	954,934	34,086,666	224	Lans.-K. C.	3,706	4	
						"Sooy"	3,676	3	
						Arbuckle	3,712	12	27
Morel North ('55)	3- 9S-21W		no report	15,152	0	Penn. congl.	3,667	5	38
Mount Vernon ('58)	6- 7S-22W	240	39,549	382,806	8	Lansing	3,759	5	38
Mount Vernon North ('63)	24- 6S-23W		no report	2,692	0	Lans.-K. C.	3,631	5	
Nana ('53)	4- 8S-24W	300	41,361	1,313,642	13	Lans.-K. C.	3,738	8	41
Nana Northwest ('58)	33- 7S-24W	200	15,510	274,657	7	Lansing	3,873	4	41
Penokee ('40)	11- 8S-24W	200	12,771	403,778	6	Lans.-K. C.	3,750	16	43
Prairie Glen ('54)	25-10S-23W	100	1,695	91,421	3	Lans.-K. C.	3,596	4	33
Prairie Glen Southeast ('55)	31-10S-22W		no report	96,943	0	Lans.-K. C.	3,594	8	
Prairie Glen Southwest ('58)	35-10S-23W	40	1,588	23,283	1	Lansing	3,734	5	

Ray ('49)	32- 5S-20W	no report	1, 2-10	0	Lans.-K. C.	3, 297
Also in Norton and Phillips counties						
Red Line ('55)	32- 9S-22W	combined with Red Line Northwest		6	Arbuckle	3, 540
Red Line North ('55)	20- 9S-22W	16, 061	106, 219	0	Reagan	3, 776
Red Line Northwest ('55)	32- 9S-22W	147, 481	620, 660	1	Lans.-K. C.	3, 676
Richmeier ('61)	30- 9S-25W	no report	580	0	Lans.-K. C.	3, 776
Riedel ('62)	6-10S-24W	1, 931	39, 357	1	Lans.-K. C.	3, 864
Schmid ('52)	21- 8S-25W	67, 611	2, 511, 068	16	Lans.-K. C.	3, 740
Schmid Northeast ('54)	10- 8S-25W	4, 545	117, 698	4	Lans.-K. C.	3, 867
Schmid Northwest ('57)	5- 8S-25W	1, 409	62, 418	2	Lans.-K. C.	3, 952
Schmid South ('57)	28- 8S-25W	no report		0	Lansing	3, 931
Shiloh ('51)	1- 9S-25W	49, 407	509, 080	9	Lans.-K. C.	4, 013
Shiloh South ('63)	12- 9S-25W	5, 515	35, 198	1	Lans.-K. C.	3, 835
Trico ('51)	30-10S-20W	359, 425	4, 599, 147	56	Lans.-K. C.	3, 651
Also in Ellis, Rooks, and Trego counties						
Van ('54)	14- 9S-22W	44, 570	991, 542	16	Arbuckle	3, 786
Vance ('62)	5-10S-25W	2, 582	21, 102	1	Lans.-K. C.	3, 871
Vesper ('57)	36- 9S-23W	150, 619	1, 566, 066	43	Lans.-K. C.	4, 035
Wheeler ('57)	8-10S-21W	5, 970	109, 363	6	Lans.-K. C.	3, 849
Zeigler North ('64)	34-10S-21W	no report	15, 617	0	Marmaton	3, 702
Pools and fields abandoned						
Total Graham County		41, 910	95, 525, 350	1, 234	Lans.-K. C.	5, 220
			405, 174	24	Arbuckle	5, 392
GRANT COUNTY						
DaVatz ('61)	13-28S-36W	10, 532	54, 666	1	Morrowan	1
Hick ('59)	23-30S-35W	4, 225	36, 066	2	Mississippian	20
Polyana ('59)	36-27S-35W	56, 629	87, 372	3	Shawnee	41
Ryus ('61)	3-30S-35W	no report	4, 952	0	Lansing	13
				0	Marmaton	32
Total Grant County		71, 386	183, 056	6	Morrowan	2
				0		5

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T. R.	Area, acres	Oil production, bbl		Pro- ducing well	Wells abd., 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
GREENWOOD COUNTY									
Ayceo-Pixlee ('23)	7-22S-10E	2,100	88,818		56	0	"Bartlesville"	2,350	20
Also in Chase and Lyon counties							Mississippian	2,400	
Beaumont ('20)	27S- 8E	1,120	74,901		26	0	"Peru"	1,830	
							Mississippian	2,445	
							Arbuckle	2,740	
Beaumont South ('35)	2-28S- 8E	120	4,256		5	0	Mississippian	2,500	
Bernard Branch ('63)	33-22S-10E	200	30,247	33,665	5	0	"Bartlesville"	2,149	34
Blackwell ('25)	16-24S-13E	400	3,463		11	0	Mississippian	1,650	38
Blankenship ('21)	26S- 8E		no report		0	0	"Bartlesville"	2,650	
Also in Butler County									
Brinegar	26S-13E	120	3,354		3	0	"New Albany"	427	11
Browning ('24)	22S-10E	760	122,197		23	15	"Bartlesville"	2,314	51
Burkett ('23)	24-23S-10E	4,000	115,461		170	1	"Bartlesville"	2,000	38
Burt ('49)	8-26S-11E	120	1,041		3	0	Mississippian	1,945	
Climax ('25)	27S-11E		no report		0	0	Mississippian	1,900	15
DeMalorrie-Souder ('24)	22S-10E	1,980	203,137		99	1	"Bartlesville"	2,150	55
Dunaway ('22)	34-22S-13E	1,760	97,276		67	0	Mississippian	1,800	12
Also in Coffey County									
Eureka ('27)	31-25S-11E	1,100	18,315		38	0	Fort Scott	1,750	10
							Mississippian	2,000	35
Fancy ('56)	25-26S-12E	120	5,742	88,915	4	0	Mississippian	1,643	5
Fankhouser ('26)	4-22S-12E	1,020	63,197		22	1	"Bartlesville"	1,850	24
Also in Lyon County									
Gaffney ('26)	18-24S-11E	400	36,375		15	0	"Bartlesville"	1,850	
Hinchman ('27)	17-24S-13E	240	4,257		8	0	Mississippian	1,615	
Hollis ('27)	16-23S-10E	80	2,549		3	0	"Bartlesville"	2,150	
Hubbard ('26)	10-22S-13E	40	909		2	0	Cherokee	1,500	
Huffine ('62)	10-28S-13E		no report	1,772	0	0	"Burgess"	1,299	3
							Mississippian	1,302	4
Jackson	25S- 3E	640	10,697		17	0	"Bartlesville"	1,700	42
Lamont ('26)	29-22S-13E	1,400	32,098		45	4	"Bartlesville"	1,853	40
Lane ('58)	5-26S-12E		no report	4,993	0	0	Mississippian	1,858	7
Ly-Greco ('54)	5-22S-11E	40	552	15,393	1	0	"Bartlesville"	1,858	13
Also in Lyon County									
Mignot ('51)	9-22S-11E		no report		0	0	"Bartlesville"	1,921	10

Neal	31-25S-13E	no report	0	Mississippian	1,525	
Out	7-22S-13E	2,399	4	Kansas City	1,102	4
				Viola	2,210	8
				Simpson	2,236	25
Petterson ('44)	19-27S-11E	no report	0	Arbuckle	2,406	
Polhamus ('22)	25S-9E	35,402	32	"Bartlesville"	2,180	34
				Arbuckle	2,706	17
				Arbuckle	1,500	20
Quincy ('26)	11-25S-13E	37,151	50	"Bartlesville"	1,720	
Also in Woodson County				Mississippian	1,622	2
Quincy Northeast ('66)	32-24S-13E	1,900	5	Mississippian	1,380	12
Reece ('25)	24-26S-9E	24,658	26	Kansas City	2,100	
				Mississippian	2,170	36
Ritchey-Moore ('25)	34-21S-10E	no report	1	Mississippian		
Also in Lyon County				Mississippian		
Sallyards	25S-8E	323,291	221	"Bartlesville"	2,350	40
Sauerwein ('63)	5-27S-10E	no report	0	Kansas City	1,372	1
Scott ('25)	24-23S-8E	17,665	32	"Bartlesville"	2,525	40
Seeley-Wick ('22)	28-23S-11E	510,088	399	"Bartlesville"	1,930	45
				"Cattleman"	1,631	
				Mississippian	1,808	4
Severy ('22)	28S-11E	4,851	13	Kansas City	1,200	
Also in Elk County				Kansas City	830	
Severy North	27S-11E	59	8	Mississippian	2,450	11
Stanhope	15-26S-8E	10,134	14	Arbuckle	2,166	2
Sutherland ('64)	14-23S-12E	124	1	"Bartlesville"	2,400	10
Tector ('20)	16-23S-9E	163,837	164	"Bartlesville"		
Also in Chase County				"Bartlesville"	2,750	50
Teichgraber ('39)	25S-8E	237,629	94	"Bartlesville"	2,170	45
Thrall-Aagard ('21)	14-24S-9E	457,856	301	Mississippian	1,830	29
Tonovay ('17)	25S-11E	477	2	"Peru"	1,000	34
Toronto ('13)	16-26S-13E	701	6	"Bartlesville"	1,700	
Also in Woodson County				"Bartlesville"	1,550	40
Virgil ('16)	14-24S-2E	189,569	191	Mississippian	1,700	38
				Mississippian	1,700	12
Virgil North ('20)	22-23S-13E	208,795	306	"Bartlesville"	1,585	52
Also in Coffey and Woodson counties				Mississippian	1,840	12
Wiggins ('25)	30-24S-11E	17,778	12	"Bartlesville"	1,860	15
Wilkinson ('26)	6-25S-9E	14,482	12	"Bartlesville"	2,200	48
Willard ('27)	7-27S-11E	5,787	13	Mississippian	1,900	10
Willow Creek ('66)	31-22S-11E	1,085	1	"Bartlesville"	1,975	37
Winterschried	23S-14E	1,739	1	Mississippian	1,750	40
Also in Coffey and Woodson counties				Mississippian		

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing zone	Wells abs. 1966	Pro- ducing wells	Thick- ness, ft.	Depth, ft.	Avg. grainy
			During 1966	To end of 1966						
GREENWOOD COUNTY (concl.)										
Zebold ('57)	27-23S-9E	120	4,658	74,567	Mississippian	3	0	2,424	8	
Zimmerman ('53)	19-23S-10E	100	1,370	29,030	"Bartlesville"	4	0	2,296		
Miscellaneous		40	80			1	3			
Total Greenwood County		62,080	3,192,405	254,371,700 recorded		2,539	90			
HAMILTON COUNTY										
Gould ('59)	30-25S-41W	40	3,702	58,793	Morrowan	1	0	5,119	8	40
Hellrich ('55)	6-25S-42W	40	1,542	50,747	Morrowan	1	0	5,040	10	39
Total Hamilton County		80	5,244	109,539		2	0			
HARPER COUNTY										
Alfalfa ('61)	12-34S-6W	40	2,352	16,910	Kansas City	1	0	3,751	8	44
Atica (Rev.) ('58)	16-32S-8W		671	1,806	Mississippian	1	0	4,364	8	
Banner ('54)	27-32S-7W		no report	143,302	Viola-Simpson		0	4,833	6	43
Bauer ('66)	9-31S-6W	40	112,847	112,847	Mississippian	11	0	4,363	8	34
Bauer South ('66)	16-31S-6W	40	1,263	1,263	Mississippian	1	0	4,333	15	
Crystal Springs ('59)	18-32S-7W	40	no runs	1,289	Mississippian	2	0	4,420	17	37
Duquoin ('65)	10-31S-7W	80	19,021	19,656	Mississippian	2	0	4,345	2	
Freeport ('63)	5-35S-5W	140	14,379	50,152	Kansas City	4	0	3,725	2	
Freeport South ('66)	7-35S-5W	40	54,615	54,615	Mississippian	1	0	4,364	26	44
Gerber ('57)	28-31S-5W	80	2,040	90,532	Simpson Lans.-K. C.	2	0	4,856	2	38
Gish ('57)	17-31S-6W	540	20,597	781,968	Simpson	13	0	3,570	6	45
Goheen ('58)	12-31S-7W	100	33,808	97,111	Simpson	4	0	4,642	2	45
Grant ('57)	20-31S-7W	260	178,612	1,281,034	Simpson	12	0	4,700	6	46
H K W ('66)	15-35S-6W	40	1,370	1,370	Mississippian Simpson	1	0	4,283	23	36
					Cottage Grove			4,696	13	46
								4,018	9	37

	11-32S-7W	no report	29,136	0	"Elgin" Viola	3,058 4,711	4	35
Harper ('58)								
Hibbard ('57)	23-34S-9W	1,708	26,999	1	Simpson	4,714	14	40
Maple Grove ('65)	36-30S-7W	no report		0	Simpson	4,586	5	46
Also in Kingman County								
Miller ('55)	11-33S-8W	no report	19,210	0	"Misener"	4,895	5	45
Muir ('60)	4-32S-7W	6,393	53,207	1	Mississippian	4,367	2	38
Rex ('61)	1-32S-5W	11,839	122,483	2	Simpson	4,734	1	43
Runnymede ('53)	23-31S-6W	24,982	284,205	4	Simpson	4,628	6	44
Scyb ('66)	36-31S-7W	1,505	1,505	1	Lans.-K. C.	4,648		47
Sharon ('55)	13-32S-10W	35,583	802,957	26	Simpson	4,089	4	44
Also in Barber County								
Spivey-Grabs-Basil ('49)	13-31S-9W	586,081	8,093,179	173	Mississippian	4,355	10	
Also in Kingman County								
Stohrville ('57)	36-33S-6W	12,349	189,985	7	Mississippian	4,461	7	36
Sullivan ('61)	31-32S-8W	no runs	7,664	1	Viola	4,670	6	38
Zuercher ('59)	9-32S-7W	48,482	408,715	4	Simpson	4,723	13	36
Miscellaneous				1				
Pools and fields abandoned		no report	45,291					
Total Harper County	9,920	1,170,479	12,738,393	275				
HARVEY COUNTY								
Alta Mills ('58)	29-22S-2W	4,384	90,025	3	Simpson	3,677	5	
Annelly ('62)	2-24S-2E	16,751	99,397	4	"Burgess"	2,760	7	43
Annelly West ('65)	3-24S-2E	16,544	21,041	3	"Burgess"	2,817	1	42
Appling ('63)	32-24S-2E	no runs	5,291	3	"Burgess"	2,895	10	
Burrton ('31)	1-23S-4W	Included with Burrton, Reno counties		0	Mississippian	3,266		
Burrton East ('60)	28-23S-3W	504	4,885	1	Hunton	3,583		
Burrton Northeast ('42)	3-23S-3W	7,062	51,099	6	Mississippian	3,288	51	
DuBois ('57)	3-25S-2E	92,871	1,176,246	23	"Chat"	3,224		
Also in Sedgwick County								
Gingrass ('57)	17-24S-2E	7,204	168,527	10	"Burgess"	2,831	2	
Graber ('34)	32-21S-1W	1,553	175,757	1	Hunton	3,226	2	
Also in McPherson County								
					Hunton	3,274	24	
					Misener	3,323		41

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband. 1966	Producing zone				
			During 1966	To end of 1966			Depth, ft	Thick- ness, ft	Avg. grains		
HARVEY COUNTY (concl.)											
Halstead ('29)	36-22S-2W	760	28,985	2,402,910	16	0	Lans., -K. C. "Chat"	2,665	3		
Halstead West ('60)	10-23S-2W	520	79,487	687,207	13	0	Hunton Viola	3,005 3,160 3,292	30 6 20	26 29	
Harmac	35-21S-3W		Included with McPherson County			0		Simpson Hunton	3,299 3,521	10 8	41
Also in McPherson County											
Hollow-Nikkel ('31)	30-22S-3W	3,100	731,644	23,941,242	80	0	"Chat" Hunton	3,195 3,507	13 14	40	
Also in McPherson County											
Sperling ('35)	23-22S-2W	420	11,736	992,781	4	0	Simpson Hunton	3,536 3,279	16		
Sperling South ('57)	23-22S-2W	40	1,215	1,556	1	0	Mississippian Viola	2,954 3,386	13 6		
West Branch ('58)	23-23S-2E	120	7,931	72,899	3	0	"Burgess"	2,773	2		
Miscellaneous Pools and fields abandoned		no runs		124,440		4					
Total Harvey County		6,940	1,011,401	30,125,315	173	7					
HASKELL COUNTY											
Eubank ('58)	28-28S-34W	1,800	623,468	4,929,709	73	4	Lansing Marmaton Cherokee	4,112 4,692 4,843	34 17	46	
Eubank North ('59)	4-28S-34W	360	159,919	468,205	9	0	Morrowan Mississippian	5,171 5,439	22 6	37	
Koenig ('58)	12-29S-34W	120	8,570	68,827	3	0	Morrowan	5,294	8	29	
Koenig East ('61)	9-29S-33W		no report	30,859	0	0	Morrowan	5,272	28		
Lennon Northeast ('65)	23-29S-33W	40	5,610	5,610	2	0	Des Moinesian	5,126	2		
Pleasant Prairie ('54)	4-27S-34W		Cumulative production thru 1965 was 3,750,362 barrels.								
Also in Finney and Kearny counties			See Finney County for 1966 unitized production.								
Satanta ('57)	21-30S-34W	80	2,307	118,360	2	1	Morrowan Mississippian	4,959 5,041	9 10	34 38	

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Victory ('60)	32-30S-33W	2,900	763,947	3,488,152	77	1	Lansing	4,126	10
							Marmaton	4,750	
							Morrowan	5,245	79
							Mississippian	5,378	7
									30
Total Haskell County									
		5,600	1,563,821	12,860,084	166	6			
HODGEMAN COUNTY									
Armstrong ('63)	15-22S-23W	80	1,968	19,039	2	2	Mississippian	4,568	61
Eakin ('62)	23-21S-21W		no report	3,419		0	Mississippian	4,281	8
Eakin Northwest ('63)	16-21S-21W	240	63,648	198,430	6	0	Mississippian	4,310	12
Goebel East ('63)	13-21S-24W	300	56,259	195,678	7	0	Mississippian	4,428	9
Hallet ('56)	15-22S-25W	960	106,466	1,406,334	20	1	Mississippian	4,598	40
Hanston-Oppy ('61)	22S-22W	6,400	789,172	4,328,194	101	1	Marmaton	4,296	20
							Mississippian	4,466	27
							Osagian	4,392	16
Hanston-Oppy East ('64)	13-22S-22W	40	15,455	40,839	1	0	Mississippian	4,439	3
Hanston-Oppy Southeast ('64)	3-23S-22W	160	31,627	56,095	4	0	Mississippian	4,485	8
Jarnagin ('62)	11-23S-23W	40	3,140	24,070	1	0	Mississippian	4,580	12
Jetmore ('50)	24-22S-24W	200	30,505	275,800	5	0	Cherokee	4,534	3
Jetmore East ('59)	30-22S-23W	160	31,454	256,095	4	0	Mississippian	4,415	40
Kingry ('63)	3-23S-21W	80	4,290	27,385	2	0	Mississippian	4,573	10
Lappin ('62)	33-23S-23W	40	no runs	14,912	1	0	Mississippian	4,665	20
Lippoldt ('63)	14-23S-23W	320	69,704	296,840	7	0	Mississippian	4,488	17
Mellecker ('63)	17-24S-22W	240	52,245	186,472	6	0	Mississippian	4,683	25
Mooney ('66)	19-22S-21W		no report		1	0	Mississippian	4,437	8
Mooney East ('66)	21-22S-21W		no report			1	Mississippian	4,409	3
Nova ('59)	17-22S-23W	80	3,936	82,575	2	0	Mississippian	4,622	20
Nova North ('60)	8-22S-23W		no report	75,057		1	Mississippian	4,625	7
Oppy South ('62)	36-22S-23W	360	110,711	311,551	9	1	Mississippian	4,476	9
Purdyville ('51)	3-24S-24W	160	30,652	1,014,164	4	0	Penn. congl.	4,651	36
							Mississippian	4,663	18
Salmans ('63)	3-22S-22W	40	no runs	10,420	1	0	Mississippian	4,284	1
Saw Log Creek ('53)	36-23S-22W	200	8,378	240,092	5	0	Marmaton	4,453	11
							Cherokee	4,356	8
Saw Log Creek Southeast ('63)	9-24S-21W	240	29,242	169,566	6	1	Mississippian	4,656	38
Stairtt ('62)	24-21S-25W	540	122,718	425,565	13	0	Mississippian	4,497	7
Valley ('58)	7-21S-24W	40	no runs	7,059	1	0	Mississippian	4,391	3

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Producing zone		Thick- ness, ft	Avg. gravity
			During 1966	To end of 1966		Producing wells 1966	Name			Depth, ft
HODGEMAN COUNTY (concl.)									
Wieland ('56)	16-21S-22W		no report	50,604	1	Marmaton	4,284	16	39
						Cherokee			
Wieland North ('59)	9-21S-22W	680	116,005	904,887	10	Mississippian	4,380	16	38
						Cherokee	4,275		38
Wieland West ('60)	18-21S-22W	160	79,802	506,568	4	Mississippian	4,346	10	38
Pools and fields abandoned				6,136	0	Mississippian	4,364	16	36
Total Hodgeman County		13,404	1,757,377	11,133,846	222				
JACKSON COUNTY									
Leach ('63)	15- 7S-13E	520	76,745	251,027	15	Hunton			
			no report		1	Viola	3,230	17	32
Miscellaneous									
Total Jackson County		520	76,745	251,027	15				
JEFFERSON COUNTY									
				875,360					
				recorded					
JOHNSON COUNTY									
Dallas ('38)	8-13S-25E	40	75		1	Cherokee			
Gardner ('39)	14S-22E	1,260	38,861		63	Marmaton			
Total Johnson County		1,300	38,936		63				
KEARNY COUNTY									
Beymere ('65)	28-21S-35W	40	30,012	49,093	1	Marmaton	4,408	2	33

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Beymer Northwest ('65)	19-21S-35W	40	43,048	44,185	1	0	Marmaton	4,608	2	37
Lake McKinney ('65)	17-24S-35W	40	4,985	9,521	1	0	Morrowan	4,680	5	29
Lakin ('57)	34-25S-36W	120	38,131	325,954	3	0	Mississippian	4,984	16	28
Moser ('64)	31-24S-36W	40	647	4,422	1	0	St. Louis	4,822	12	
Patterson ('41)	23-22S-38W	160	31,535	854,116	4	0	Cherokee	4,748	34	
							Morrowan	4,800	4	
Patterson Southeast ('64)	36-22S-38W	40	643	6,368	1	0	Morrowan	4,740	4	
Pleasant Prairie ('54)	4-27S-24W	80	11,532	160,183	2	0	Morrowan	4,959	9	
Also in Finney and Haskell counties							Mississippian	5,041		
Rupp ('64)	5-21S-38W	40	11,484	28,398	1	0	Morrowan	4,776	4	
Also in Wichita County										
Total Kearny County		640	172,017	1,482,239	15	0				
KINGMAN COUNTY										
Alameda ('58)	23-28S-7W	1,700	710,932	286,061	38	0	Lansing	3,599	8	38
							Mississippian	3,988	4	
Allender ('66)	30-30S-6W		no report		0	0	Viola	4,356	5	43
Bartholomew ('48)	30-27S-4W		no report		0	0	Simpson	4,353	5	44
Also in Sedgwick County							Mississippian	4,262		
							Mississippian	3,732	25	35
Belmont Center ('64)	23-29S-8W	40	13,446	13,446	1	0	Mississippian	4,236	3	
Beshore ('63)	30-28S-5W	40	3,414	16,730	1	0	Mississippian	3,876	12	
Bickel ('62)	15-28S-6W		no report	664	0	0	Mississippian	3,881		
Broadway ('50)	21-28S-5W	1,280	127,593	234,040	44	0	Mississippian	3,833	6	32
Broadway West ('54)	19-28S-5W	360	19,236	282,093	8	0	Mississippian	2,884	6	36
C P & W ('65)	35-27S-7W	80	16,615	17,998	2	0	Kansas City	3,189	15	38
Caskey ('52)	11-28S-5W	320	13,723	390,155	8	0	Mississippian	3,794	7	38
Cunningham ('31)	7-28S-11W		Production through 1963	3,575,076	2		Lans.-K. C.	3,600	33	41
Also in Pratt County										
Dale ('59)	35-28S-6W		no report	365	0	0	Mississippian	3,928		
Dewey ('50)	9-28S-5W	240	13,312	633,157	5	0	Mississippian	3,801		37
Dresden ('51)	13-27S-10W	40	2,171	1,065,796	1	0	Lans.-K. C.	3,806		37
							Mississippian	4,002	8	
Garlisch ('66)	24-28S-8W	80	11,829	11,829	3	0	Viola	4,270	2	41
							Viola	4,444	4	
Georgia Spur Northeast ('64)	32-27S-6W		no report	542	0	0	Simpson	4,431	1	35
							Mississippian	3,863		
							Viola	4,252	1	

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and Year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells abd., 1966	Producing zone			
			During 1966	To end of 1966			Name	Depth, ft.	Thick- ness, ft.	Avg. grainy
KINGMAN COUNTY (concl.)										
Goetz ('56)	29-29S- 9W	80	1,380	586,299	2	0	Mississippian Viola	4,408 4,748	6 16	
Hostetler ('65)	32-30S- 7W	40	295	453	1	1	Viola	3,777	12	
Hurn ('60)	28-27S- 5W		no report	10,111	0	0	Mississippian	4,074	7	37
Klaver ('60)	9-29S- 6W	80	4,458	38,459	2	0	Mississippian	3,894	6	40
Kostner ('60)	1-29S- 6W	40	no runs	5,170	1	0	Mississippian	3,497	12	
Kysor ('64)	17-30S- 5W	40	11,823	22,033	1	0	Lans.-K. C.	3,814	3	40
Lansdowne North ('51)	4-28S- 5W	40	553	31,354	1	0	Mississippian	4,110	9	33
Lock ('59)	13-30S- 7W	40	653	12,457	1	1	Mississippian	4,712	5	
Maple Grove ('65)	36-30S- 7W	400	183,231	225,886	10	0	Simpson	4,455	12	43
Orsemus ('53)	30-29S- 5W	160	109,872	616,261	4	0	Viola Simpson	4,468		
Pat Creek ('46)	20-28S- 9W	80	2,440	324,318	2	0	Kansas City Mississippian Viola	3,620 4,129 4,406	4 5 6	41
Prather ('62)	18-28S- 7W	120	13,931	34,472	3	0	Lans.-K. C.	4,475	18	
Reida ('55)	18-30S- 6W	80	4,690	49,687	2	0	Lans.-K. C. Simpson	3,254 4,502	5 4	42 43
Reida East ('66)	17-30S- 6W	40	1,618	1,618	2	0	Mississippian	4,102	5	
Reida South ('57)	19-30S- 6W	240	7,442	130,326	6	0	Mississippian	4,170	8	33
Rosedale ('54)	32-29S- 6W	1,420	307,279	1,479,606	35	0	Lans.-K. C. Mississippian "Misener"	3,691 4,149 4,495	5 7 3	43 40
Ruth ('66)	33-30S- 7W		no report				Viola	4,743	2	
Ruth Northeast ('66)	27-30S- 7W		no report				Mississippian	4,375	25	
Settle ('56)	18-29S- 7W	80	335	4,352	2	0	Mississippian	3,350	3	40
Smoots Creek ('59)	1-27S- 8W	40	2,493	47,027	1	0	Kansas City	4,312	9	
Spade ('55)	27-29S-10W	40	2,776	7,501	1	0	Mississippian Viola	4,400	14	29
Spivey-Grabs-Basil ('49)	13-21S- 9W	20,800	2,157,381	27,051,379	520	5	Mississippian	4,233	4	
Thiessen ('66)	27-27S- 7W	40	1,890	1,890	1	0	Viola			

Varner ('64)	8-27S-6W	80	217	2,308	2	0	Mississippian	3,736	10
Willowdale ('54)	11-29S-9W	400	29,528	1,256,141	8	0	Viola Admire Viola	4,086 2,390 4,502	1 3 4
Miscellaneous Pools and fields abandoned				63,639		3			
Total Kingman County		28,360	3,779,231	43,319,468	723	14			
KIOWA COUNTY									
Alford ('44)	14-30S-19W	560	82,199	149,118	16	0	Mississippian	5,040	
Alford West ('65)	15-30S-19W	80	29,568	36,575	2	0	Mississippian	5,057	10
Belvidere ('62)	17-30S-16W	40	6,042	31,970	1	0	Viola	4,880	6
Conklin Estate ('63)	11-29S-17W	40	769	6,192	1	0	Mississippian	4,700	10
Eaton ('61)	35-27S-17W	40	1,446	13,076	1	0	Kinderhookian	4,712	7
Einsel ('62)	1-28S-19W	320	24,761	61,518	8	0	Mississippian Kinderhookian		32
Fralick ('60)	14-27S-20W	80	9,123	99,344	2	1	Mississippian	4,790	5
Fralick South ('62)	35-27S-20W	240	16,673	57,950	6	0	Mississippian	4,862	14
Fralick West ('61)	16-27S-20W	640	294,706	564,303	17	1	Mississippian	4,831	10
Fruit ('60)	28-27S-16W	560	88,612	133,245	14	0	Cherokee	4,649	7
Glick ('57)	31-30S-16W	9,400	22,206	127,656	26	0	Mississippian Mississippian	4,652 4,880	6 33
Also in Comanche County									
Greensburg ('56)	35-27S-18W	40	762	5,747	1	0	Kinderhookian	4,742	12
Haviland ('55)	17-28S-16W	120	1,892	47,708	3	0	Kinderhookian	4,761	9
Johansen ('54)	13-28S-19W	40	459	31,885	1	0	Lans.-K. C.	4,284	4
Kane South ('66)	13-30S-18W	40	27,554	27,554	5	0	Mississippian	5,023	6
Martin ('66)	10-27S-20W	40	1,464	1,464	1	0	Mississippian	4,852	
Nichols ('55)	20-29S-18W	2,000	114,110	5,185,846	75	0	Mississippian	4,997	
Nichols Northwest ('65)	11-29S-19W	80	4,439	6,592	2	0	Mississippian		16
Pyle ('55)	16-29S-16W	40	3,283	93,599	1	0	Mississippian	4,666	14
Pyle Southwest ('62)	19-29S-16W	80	6,959	83,905	2	0	Mississippian	4,706	2
Quaker ('58)	10-27S-19W	80	13,912	72,315	2	0	Lans.-K. C. Mississippian	4,204 4,800	7 2
Also in Edwards County									
Schwarm ('65)	32-29S-17W	40	no runs	1,243	1	0	Mississippian	4,863	32
Trousdale South ('56)	4-27S-16W	40	no runs	10,107	1	0	Kinderhookian	4,525	33
Ursula Northeast ('63)	1-29S-18W	40	no runs	479	1	0	Mississippian	4,874	25
Wellsford ('55)	15-28S-16W	80	4,073	111,559	2	0	Marmaton Cherokee	4,680 4,723	10 36

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing zone	Wells abandoned, 1966	Thick-ness, ft.	Avg. gravity
			During 1966	To end of 1966				
KIOWA COUNTY (concl.)								
Miscellaneous Pools and fields abandoned		14,760	762,890	130,721		1		
Total Kiowa County				7,099,529		200		2
LABETTE COUNTY								
Altamont	33S-19E		no report		"Bartlesville"		540	
Chetopa ('36)	36-34S-20E		no report		Arbuckle	1	850	23
Chetopa Township	34S-21E	40	2,191		"Bartlesville"	70		
Coffeyville-Cherryvale (1892)	32S-17E	2,520	39,058		"Wayside"	6	400	
Also in Montgomery and Wilson counties					Fort Scott		600	
Dartnell	31S-17E	160	836		"Bartlesville"	5	1,000	
Edna ('25)	34S-18E	240	1,207		"Bartlesville"	6	580	
Lake Creek	1-35S-19E		no report		Arbuckle		1,191	24
Mound Valley ('05)	32S-18E	350	8,658		"U. Bartlesville"	28	630	
Price ('17)	33S-18E	740	20,605		"L. Bartlesville"	26	700	
Valeda		40	708		Mississippian	1	900	
Total Labette County		4,090	73,268	1,717,771 recorded	"Bartlesville"	137	600	30
LANE COUNTY								
Broughton ('62)	10-16S-27W	80	5,554	18,463	Lans.-K. C.	2	4,062	1 38
Demand ('62)	25-16S-28W	200	23,283	98,566	Lans.-K. C.	5	3,999	3
Pendennis ('61)	28-16S-27W	80	4,390	74,525	Fort Scott		4,512	6
Pendennis South ('62)	33-16S-27W	200	47,220	145,106	Lans.-K. C.	2	3,969	4 39
Selfridge ('62)	9-17S-27W	40	3,015	52,187	Lans.-K. C.	5	3,975	11 40
					Cherokee	1	4,498	11

Pools and fields abandoned									
Total Lane County		600	83,462	10,974	15	1			
LEAVENWORTH COUNTY									
Linwood ('44)	15-12S-21E	400	2,176	25,443	15	2	"Squirrel"	672	8 28
Total Leavenworth County		400	2,176	123,943	15	2			
				recorded					
LINN COUNTY									
Beagle	19S-22E	160	483		4	0			
Also in Miami County									
Centerville ('20)	10-21S-22E	720	2,646		14	0	"Squirrel"	480	
Also in Anderson County							"Bartlesville"	720	
Goodrich-Parker ('22)	25-20S-21E	1,600	23,476		141		"Squirrel"	600	20
							"Bartlesville"	700	
LaCygne-Cadmus	20S-24E	520	35,741		152	15	Bandera	150	20
							Labette	200	
Miscellaneous		160	1,129		4	4			
Total Linn County		3,160	63,534	3,426,000	315	19			
				recorded					
LOGAN COUNTY									
Monument ('59)	18-11S-33W		no report	7,255		0	Lansing	4,154	4
Total Logan County		0	no report	7,255	0	0			
LYON COUNTY									
Atycro-Pixlee ('23)	7-22S-10E	1,020	66,013		18	0	"Bartlesville"	2,200	32
Also in Chase and Greenwood counties									
Bradfield ('21)	24-21S-10E	580	66,451		27	0	Viola	2,500	
Fankhouser ('26)	4-22S-12E	420	7,712		16	3	"Bartlesville"	1,850	41
Also in Greenwood County									

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Wells abandoned, 1966	Name	Producing zone	
			During 1966	To end of 1966			Depth, ft	Thick- ness, ft	Avg. granu- larity
LYON COUNTY (concl.)								
Ly-Green ('54)	5-22S-11E	80	943	30,422	2 0	"Bartlesville"	1,858	
Also in Greenwood County								
Ritchey-Moore ('25)	34-21S-10E	80	2,256		2 0	Mississippian	2,170	36
Rock Creek ('47)	32-21S-11E	220	8,507		6 0	"Bartlesville"	1,900	38
Total Lyon County		2,400	154,270	9,029,272 recorded	72 3			
McPHERSON COUNTY								
Battle Hill North ('48)	13-18S- 1W	40	3,300	149,436	1 0	Mississippian	2,811	17 36
Burch ('59)	32-17S- 1W	40	10,667	93,303	1 0	Mississippian	2,655	10
Canton North ('36)	26-18S- 1W	580	19,891	947,194	14 0	"Chat"	2,803	29 34
Chindberg ('29)	18-19S- 2W	1,200	44,150	2,192,308	28 0	Lans.-K. C. "Chat"	2,363	19 37
Coons ('40)	13-19S- 1W	40	2,380	35,864	1 0	"Chat"	3,007	30 35
Crowther ('42)	26-17S- 1W	980	46,353	3,966,320	24 2	"Chat"	2,778	34
Elyria ('58)	22-20S- 3W	360	9,361	214,801	9 0	Mississippian	3,068	
Fanska South ('60)	18-17S- 1E		no report			Mississippian	2,819	80 36
Also in Marion County								
Georob ('47)	31-17S- 1W	1,600	106,957	4,185,150	50 0	"Chat"	2,665	3 34
Goessel ('58)	12-21S- 1W	580	83,552	572,580	21 7	Hunton	3,407	3 33
Graber ('34)	32-21S- 1W	3,300	153,619	15,340,634	75 4	Hunton	3,274	24 40
Also in Harvey County						"Misener"	3,323	41
Graber North ('51)	4-21S- 1W	40	93	6,905	1 0	Mississippian	2,955	
Groveland Northeast ('58)	2-20S- 4W		no report	66,887		"Misener"	3,715	6
Groveland South ('53)	14-20S- 4W	320	5,511	743,093	8 1	Viola	3,719	6
Gypsum Creek ('44)	4-17S- 1W	360	7,993	576,775	9 0	"Chat"	2,619	14 36
Also in Saline County								
Harmac ('55)	35-21S- 3W	520	13,450	712,694	11 1	Hunton	3,521	4 40
Also in Harvey County								
Henne ('40)	21-17S- 1W	640	20,165	1,873,367	16 1	"Chat"	2,658	5 36
Hollow-Nikkel ('31)	30-22S- 3W		Included with Harvey County			"Chat"	3,195	13 40
Also in Harvey County								

Jenday ('44)	1-19S- 2W	720	24, 946	1, 204, 493	17	0	Tarkio "Chat"	1, 438 2, 994	9 15	37
Johnson ('32)	35-19S- 3W	1, 200	58, 679	4, 042, 030	22	0	"Chat"	3, 032	14	36
Johnson South ('50)	11-20S- 3W	40	no runs	27, 845	1	0	Mississippian	3, 043		36
Larson North ('60)	27-18S- 2W		no report	3, 328		0	Simpson	3, 514	6	
Lindsborg ('38)	8-17S- 3W	3, 500	120, 517	10, 269, 696	65	14	Mississippian Viola	2, 919 3, 352	12 21	35 35
Also in Saline County							Simpson	3, 360	10	
Lindsborg South ('55)	6-18S- 3W	200	14, 203	197, 133	5	1	Simpson	3, 523	4	
Lindsborg Southwest ('66)	35-17S- 4W	40	6, 228	6, 228	2	2	Kinderhookian	3, 460	2	
McMurtry ('60)	13-18S- 4W	80	3, 041	37, 360	2	0	Maquoketa	3, 476	6	
McPherson ('26)	29-18S- 2W	1, 560	77, 934	2, 756, 857	66	4	Lans., -K. C. "Chat"	2, 340 2, 967	10 11	38
Maxwell ('48)	17-18S- 1W	280	10, 168	71, 002	7	0	Viola	3, 140	6	
Paden ('43)	10-18S- 1W	1, 760	178, 101	6, 331, 818	82	1	Mississippian "Chat"	2, 846 2, 752	11 18	36 42
Ritz-Canton ('29)	1-20S- 2W	16, 760	852, 318	60, 140, 415	420	10	Viola	3, 153		
Round Hill ('56)	28-18S- 1W	200	5, 937	139, 076	5	0	Lans., -K. C. "Chat"	2, 324 2, 995		41 35
Roxbury ('38)	18-17S- 1W	800	35, 056	3, 725, 712	19	0	Maquoketa Viola	3, 395 3, 412	3 4	34
Roxbury South ('42)	30-17S- 1W	640	14, 207	636, 321	10	0	Cherokee	2, 832	9	38
Voshell ('29)	9-21S- 3W	2, 780	128, 607	30, 922, 613	61	3	Mississippian "Chat"	2, 853 3, 095	10 15	35 41
Welch-Bornholdt ('24)	35-20S- 6W	2, 760	63, 142	15, 035, 736	69	6	Viola "Chat"	3, 301 3, 370	3	34
Miscellaneous	Also in Rice County					1				
Pools and fields abandoned			no report	350, 167						
Total McPherson County		43, 940	2, 120, 526	167, 575, 141	1, 122	59				
Covert-Sellers ('20)	28-21S- 4E	1, 080	33, 295		31	0	Kansas City Viola	1, 674 2, 400	4	38
Covert-Sellers East ('65)	16-21S- 4E		no report		2	0	Hunton	2, 449	8	32
Doyle Creek ('56)	6-22S- 3E		no report	36, 924		0	Hunton	2, 891	8	
Durham ('53)	34-18S- 2E	200	7, 404	287, 722	4	0	Viola	2, 899	2	

MARION COUNTY

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Wells producing in 1966	Producing zone				
			During 1966	To end of 1966		Name	Depth, ft.	Thickness, ft.	Avg. gravity	
Edmonds ('53)	31-22S-4E	640	17,739	734,094	20	1	Mississippian	2,471	3	
Elbing ('18)	18-23S-4E	320	3,921		3	0	Kansas City Mississippian	2,120 2,400		35
Also in Butler County										
Elbing North ('47)	27-22S-4E	280	5,866	192,581	6	0	"Chat"	2,439		
Fairplay ('57)	25-21S-4E	200	8,751	541,075	8	0	Hunton	2,458	2	
Fanska ('43)	6-17S-1E	80	2,246		3	0	"Chat"	2,680		
Fanska South ('60)	18-17S-1E	80	4,841	59,501	2	0	Mississippian	2,819	80	36
Also in McPherson County										
Florence ('20)	18-21S-5E	70	7,339		2	0	Viola	2,300		32
French Creek ('55)	22-19S-2E		no report	10,194	0	0	Simpson	3,020		
Goessel ('58)	12-21S-1W	40	2,101	6,530	1	0	Hunton	3,407	3	33
Also in McPherson County										
Hillsboro ('28)	7-19S-3E	80	4,097		5	0	Mississippian	2,470		33
Lalouette ('57)	10-21S-5E	40	667	33,732	1	0	Viola	2,820		
Lehigh ('46)	27-19S-1E		no report	137,546			Hunton	2,231	6	
Lehigh North ('53)	23-19S-1E	80	4,262	18,049	2	0	Mississippian	2,800		
Lost Springs ('26)	22-17S-4E	32,960	638,102		536	81	Viola	3,225	4	30
Also in Dickinson and Morris counties										
Nonken ('59)	28-22S-4E	100	3,345	9,918	5	0	Mississippian	2,355	20	
Peabody ('20)	9-22S-4E	1,100	68,696		29	0	Viola	2,439	13	31
Ratzlaff ('56)	7-19S-2E		no report	52,840			Viola	2,500		
Shank South ('59)	13-22S-3E	30	1,733	28,723	1	0	Mississippian	3,135	5	
Unger ('55)	8-21S-3E	2,340	195,650	6,479,745	78	15	Hunton	2,510	6	39
Wenger ('47)	11-21S-3E	40	3,336	999,571	1	4	Hunton	2,809		
Youk ('54)	20-18S-2E		no report	69,455			Viola	2,770	3	21
Miscellaneous			no report			7		3,017		
Total Marion County		39,760	1,017,268	58,132,055	741	108				

MEADE COUNTY

	8-35S-30W	9,280	115,780	470,810	29	0	Marmaton	5,346	40
Adams Ranch ('48)							Morrowan	5,708	40
Angell ('56)	30-32S-29W	40	485	9,750	1	0	Chesteran	5,930	39
Bond ('54)	32-33S-30W		no report	12,464	0	0	Morrowan	5,608	56
							Atokan	5,619	12
							Mississippian	5,860	26
Borchers North ('59)	5-33S-28W	540	15,825	143,320	15	0	Morrowan	5,521	56
Borchers Northwest ('59)	1-33S-29W	360	35,463	74,412	9	0	Morrowan	5,607	8
Bruno ('53)	20-33S-30W	40	7,365	137,301	1	0	Morrowan	5,656	18
Bruno Northeast ('53)	16-33S-30W	40	4,095	93,620	1	0	Morrowan	5,721	10
Cimarron Bend ('59)	12-35S-29W	160	4,047	73,695	4	0	Morrowan	5,810	17
Crooked Creek ('63)	8-35S-26W	40	180	485	1	0	Morrowan	5,938	10
Fincham ('56)	14-35S-27W	80	1,643	17,056	2	0	Mississippian	6,275	
Hockett ('57)	8-31S-29W	200	613	11,109	5	0	Morrowan	5,390	4
Horace ('56)	9-34S-29W		no report	1,163	0	0	Morrowan	5,815	23
Horace South ('59)	26-34S-29W	40	no runs	91	1	0	Morrowan	3,228	
							Council Grove	4,390	
							Toronto	5,095	
Kismet ('48)	23-33S-31W	80	708	10,169	2	0	Marmaton	5,690	65
McKinney ('50)	2-34S-26W	1,800	15,906	382,468	63	0	Morrowan	5,762	8
Also in Clark County							Mississippian	5,259	15
Mohler ('57)	35-33S-29W	140	13,157	177,240	6	1	Marmaton	5,769	8
Mohler Northeast ('58)	36-33S-29W	320	1,607	41,244	10	0	Morrowan	5,690	8
Novinger ('51)	26-33S-30W	2,240	287,337	4,836,971	35	0	Marmaton	5,270	20
							Morrowan	5,765	21
							Mississippian	5,803	
Novinger East ('57)	36-33S-30W	200	6,166	68,638	5	0	Morrowan	5,780	86
Novinger Northwest ('55)	15-33S-30W	40	4,474	134,077	1	1	Lans.-K.C.	4,553	5
Plains ('56)	17-32S-30W	240	800	5,784	6	0	Morrowan	5,611	33
							Mississippian	5,692	15
Sanders ('56)	13-32S-29W	40	no runs	689	2	0	Mississippian	5,550	
Singley ('55)	20-33S-29W	640	37,212	920,718	24	1	Morrowan	5,803	16
Stevens ('52)	32-32S-30W	1,360	57,413	2,647,338	32	2	Mississippian	5,889	5
							Morrowan	5,560	38
Mississippian								5,713	
Pools and fields abandoned				4,538					
Total Meade County		17,920	661,653	10,325,947	261	5			

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Producing zone		
			During 1966	To end of 1966			Name	Depth, ft	Thick- ness, ft	Avg. gravity
MIAMI COUNTY									
Beagle	19S-22E	100	1,369		5	0	"Squirrel"	500	16
Also in Linn County							"Knobtown"	270	
Black	19S-24E	180	1,197		6	0	"Peru"	430	
Block ('31)	18S-24E	510	956		17	0	"Squirrel"	600	
Louisburg ('27)	17S-25E	700	46,905		70	0	"Knobtown"	300	25
Paola-Rantoul (1860)	17S-23E	9,740	108,613		696	2	Hepler	400	15
Also in Franklin County							"Peru"	500	35
							"Squirrel"	600	
							"Bartlesville"	700	
Total Miami County		11,230	159,040	20,060,968 recorded	794	2			
MONTGOMERY COUNTY									
Brewster	32S-16E	740	9,524		37	0	"Bartlesville"	900	
Caney	35S-14E	320	5,805		14	0	Arbuckle		
Coffeyville-Cherryvale ('02)	33S-17E	6,160	72,355		220	5	"Bartlesville"	1,320	21
Also in Labette and Wilson counties							"Wayside"	400	
							Fort Scott	600	
Coleman ('21)	28-32S-14E	90	600		3	0	"Bartlesville"	1,000	
Elk City	31S-13E		no report				Arbuckle	1,300	
Also in Chautauqua and Elk counties							Arbuckle	1,700	
Jefferson-Sycamore ('03)	18-33S-15E	3,520	92,709		176	27	Marmaton		
Neodesha	31S-16E	1,420	26,010		65	0	"Weiser"	800	15
Also in Wilson County							"Bartlesville"	1,200	
Sorghum Hollow	32S-14E	2,420	62,415		112	0	"Bartlesville"	950	
Tyro ('04)	13-35S-14E	1,720	19,994		51	1	"Weiser"	800	
							"Bartlesville"	1,250	

Wayside-Havana ('04) 10, 800 119, 385 633 9 Marmaton "Bartlesville" 575 22
 Also in Chautauqua County

Miscellaneous 20 231 1 1
 Total Montgomery County 27, 210 373, 028 1, 311 43

MORRIS COUNTY

Burdick ('49) 100 1, 009 45, 380 4 0 Mississippian 2, 220 45
 Comiskey Northeast ('56) 180 13, 201 210, 409 7 0 Viola 2, 929 3
 John Creek ('53) 1, 980 318, 524 3, 895, 896 53 0 Viola 3, 090 6
 Lost Springs ('26) 120 6, 024 3 0 Mississippian 2, 365
 Also in Dickinson and Marion counties
 Three Mile Creek ('50) 60 124 107, 147 2 0 Mississippian 2, 208 50 36
 Three Mile Creek South ('50) 120 174, 693 10 0 Mississippian 2, 183 24 35
 Total Morris County 2, 560 338, 882 4, 450, 016 79 0 recorded

MORTON COUNTY

Berryman ('59) 640 159, 463 753, 030 16 0 Wabaunsee 2, 851
 Boehm ('51) 180 27, 996 261, 654 7 0 Morrow "Purdy" 5, 001
 Borth ('65) 40 925 1, 718 1 0 Morrow 4, 870 5 40
 Borth West ('66) 40 no report 1 0 Morrow 4, 982 10 37
 Cimarron Valley ('63) 160 38, 698 144, 269 4 0 Morrow 5, 084 4
 Cimarron Valley Southwest ('65) 240 192, 185 224, 652 6 0 Morrow 5, 200 8 54
 Elkhart ('55) 80 17, 523 88, 987 2 0 Morrow St. Louis 5, 696 3 38
 Elkhart West ('57) 460 39, 064 181, 119 10 0 Morrow 4, 469 4 38
 Interstate ('54) 3, 200 761, 840 81 0 "Red Cave" 1, 184
 Kinsler ('59) 160 10, 089 126, 637 4 0 Morrow 4, 210 38
 Richfield ('48) 700 37, 127 309, 898 17 0 Desmoinesian 4, 336
 Richfield West ('61) 40 615 2, 970 1 0 Morrow 5, 176
 Rolla ('63) 40 no runs 11, 436 1 0 Atokan 5, 464
 1 0 Morrow 4, 990
 1 0 Mississippian 4, 624 3
 6, 037

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing wells	Wells abandoned, 1966	Name	Depth, ft.	Thick-ness, ft.	Avg. gravity
			During 1966	To end of 1966						
MORTON COUNTY (concl.)										
Sparks ('54)	34-30S-42W	240	699	44,424	6	0	Morrowan	5,245		
Also in Stanton County										
Taloga ('55)	34-34S-42W	2,600	310,615	2,775,291	49	2	Morrowan	4,428		42
Taloga Northeast ('57)	19-34S-41W	80	1,163	137,697	2	0	Cherokee	4,397	11	
Wilburton ('59)	32-34S-41W	810	147,884	2,357,885	27	0	Morrowan	4,674	10	38
Miscellaneous			no report			1	Shawnee	4,808		
Total Morton County		9,710	1,759,299	15,923,574	242	3	Morrowan			
NEMAHA COUNTY										
Rokey ('64)	4-2S-14E	40	11,727	30,235	1	0	Viola	3,548	5	
Strahm ('48)	27-2S-14E	120	6,401	256,212	2	0	Hunton	2,879	2	
Pools and fields abandoned				65,857			Viola	3,559		
Total Nemaha County		160	18,128	355,304	3	0				
NEOSHO COUNTY										
Erie ('03)	28S-20E	5,900	166,946		303	1	"Bartlesville"	650	25	
Humboldt-Chanute (1899)	27S-18E	16,080	178,309		804	39	"Bartlesville"	700	23	
Also in Allen, Wilson and Woodson counties										
Morehead ('38)	30-30S-18E	900	24,406		45	0	"Bartlesville"	850		
St. Paul-Walnut	29S-21E	2,380	57,921		188	4	"Peru"	200	18	
Also in Crawford County							"Bartlesville"	550		
Thayer	29S-17E	140	5,896		5	0	"Bartlesville"	530		
Trent	28S-21E	2,800	67,359		141	5	"Bartlesville"	750		
Urbana	25S-18E	600	12,860		30	0	"Bartlesville"			
Miscellaneous		20	1,080		2	0	"Bartlesville"			

Total Neosho County

NESS COUNTY

Albrich ('29)

7-18S-25W

1,100

95,798

5,210,188

14

0

Warsaw

4,128

2

34

Total Neosho County

NESS COUNTY

	28, 820	514, 777	29, 389, 892 recorded	1, 518	49						
Aldrich ('29)	4, 400	95, 798	5, 210, 188	44	0	Warsaw	4, 428	2	34		
Aldrich Northeast ('54)	800	125, 348	1, 719, 510	18	0	Marmaton	4, 325	4			
						Penn. congl.	4, 334	10			
Aldrich Northwest ('63)		no report	2, 618			Mississippi	4, 398	7	34		
Arnold ('43)	200	16, 906	652, 878	5	0	Mississippi	4, 400	10	38		
						Fort Scott	4, 436	21	36		
						Warsaw	4, 528				
Arnold North ('61)	160	3, 700	38, 813	4	0	Cherokee	4, 498	8			
						Marmaton					
Arnold Southwest ('61)	1, 380	205, 686	1, 188, 271	29	0	Mississippi	4, 502	6	38		
						Marmaton	4, 380	4	43		
Bazine ('63)	80	no runs	5, 772	2	0	Mississippi	4, 463	8	38		
Bazine Southeast ('66)	40	4, 135		1	0	Fort Scott	4, 203	9			
Betz ('64)	280	57, 753	127, 690	7	1	Mississippi	4, 156	5	38		
Bondurant ('64)	120	39, 465	78, 681	3	0	Fort Scott	4, 400	7			
Buda ('63)	40	5, 444	39, 223	1	0	Osage	4, 381	5			
Cruce ('56)		no report	38, 769			Mississippi	4, 400	9			
Havenport ('55)	300	9, 900	555, 150	7	0	Mississippi	4, 556	5	38		
Delos ('62)	40	28, 119	115, 832	1	0	Cherokee	4, 045	2	41		
Dewald ('65)	40	3, 168	6, 571	1	0	Marmaton	4, 245	3	41		
Dickman ('62)	240	48, 488	265, 775	6	0	Mississippi	4, 291	8	39		
Doebbeling ('66)	40	1, 010		1	0	Mississippi	4, 424	7	37		
Dubbs ('65)	80	570	3, 415	2	0	Mississippi	4, 406	6	36		
Dumler ('62)	200	15, 822	105, 476	5	0	Mississippi	4, 518	4	34		
						Marmaton					
Dumler West ('63)		no report	1, 521			Mississippi	4, 485	5			
Elmore ('58)	40	946	41, 833	1	0	Marmaton	4, 271	10	42		
						Cherokee	4, 116	12			
Also in Rush County											
Franklin ('59)	40	no runs	18, 189	1	0	Fort Scott	4, 269	12	40		
Fritzler ('65)	40	985	5, 360	1	1	Mississippi	4, 504	19	37		
Guzzlers Gulch ('59)	160	16, 996	204, 793	4	0	Mississippi	4, 410	10	39		
Guzzlers Gulch North ('63)	40	4, 558	24, 728	1	0	Mississippi	4, 424	27			
Hair ('60)	200	17, 677	105, 353	5	1	Mississippi	4, 374	1	35		
Hair Northwest ('63)	40	no runs	1, 749	1	0	Mississippi	4, 390	8			

Schaben ('63)	30-19S-21W	2,300	714,883	1,530,397	58	3	Mississippian	4,401	44
Schoharie ('56)	22-19S-23W	40	503	12,972	1	0	Marmaton	4,272	58
Start ('66)	12-17S-21W	280	74,817	74,817	7	0	Cherokee	4,049	4
Steffen West ('65)	25-20S-21W	280	69,656	70,302	7	0	Mississippian	4,380	20
Stutz ('63)	18-17S-25W	40	4,022	21,381	1	0	Mississippian	4,442	7
Sunshine ('63)	12-19S-25W	280	27,644	139,367	7	0	Cherokee	4,262	9
Upstart ('66)	14-17S-21W	40	no report		1	0	Mississippian	4,363	6
Vermillion ('55)	6-17S-24W	40	1,671	34,220	1	0	Cherokee	4,094	2
Wunder ('63)	18-18S-21W	80	3,213	28,120	2	0	Marmaton	4,385	11
Miscellaneous							Mississippian	4,228	8
Pools and fields abandoned									
Total Ness County		15,430	2,273,927	14,464,069	317	15			
NORTON COUNTY									
Densmore ('57)	12- 5S-22W	80	8,380	105,114	2	0	Lansing	3,314	8
Densmore East ('64)	18- 5S-21W		no runs		1	0	Reagan	3,543	5
Hen ('62)	4- 3S-23W	40	5,202	27,169	1	0	Reagan	3,528	6
Horesky ('59)	15- 3S-23W		no report		0	0	Arbuckle	3,685	9
Norton ('53)	36- 3S-24W	2,140	335,629	7,641,812	116	0	Arbuckle	3,778	12
Ray ('40)	32- 5S-20W	520	69,407	1,288,907	15	2	Reagan	3,297	
Also in Graham and Phillips counties							Lans.,-K. C.		
Ray West ('45)	26- 5S-21W	1,120	126,327	1,759,642	35	0	Arbuckle	3,575	
Spies ('58)	35- 5S-25W		no report	20,362			Reagan	3,540	13
Pools and fields abandoned							Arbuckle	3,650	9
Total Norton County		3,900	544,945	10,881,415	171	3	Lansing	3,645	3
OSBORNE COUNTY									
Ruggles ('52)	23-10S-15W	640	32,417	956,108	13	0	Shawnee	2,986	30
Ruggles South ('57)	27-10S-15W	40	1,070	22,631	1	0	Lans.,-K. C.	3,024	
Pools and fields abandoned							Penn. congl.	3,394	16
Total Osborne County		680	33,487	980,382	14	0	Lans.,-K. C.	3,038	4

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Producing zone			
			During 1966	To end of 1966			Name	Depth, ft	Thick-ness, ft	Avg. gravity
PAWNEE COUNTY										
Antone ('64)	10-21S-18W		no report				Lansing	3,576	8	
Ash Creek ('47)	31-20S-15W	320	43,233	677,643	11	3	Arbuckle	3,790	20	
Also in Barton County										
Benson ('45)	30-23S-15W	1,600	51,322	1,570,619	23	1	Lans.-K.C. Arbuckle	3,853	68	27
Bow ('58)	31-22S-15W	80	4,969	73,564	2	0	Lansing	3,625	7	
							Arbuckle	3,966	2	
Browns Grove ('57)	17-20S-20W		no report	45,837			Mississippian	4,325	3	
Burdett ('64)	4-22S-20W	40	no runs	581	1	0	Mississippian	4,305	34	
Carpenter ('55)	25-23S-17W	40	1,220	41,361	1	0	Marmaton	4,123		
							Penn. congl.	4,158	10	
							Kinderhookian	4,270	6	
Dunes ('53)	22-22S-15W	280	14,895	655,026	7	0	Arbuckle	3,956	24	36
Dunes North ('64)	15-22S-15W	200	45,535	124,430	5	0	Lansing	3,500	40	
Eddy ('63)	13-22S-18W	320	44,085	94,005	8	0	Cherokee			
							Penn. congl.	4,110	39	
Evers ('51)	1-22S-16W	380	9,800	435,999	3	0	Lans.-K.C.	3,525	6	34
							Penn. congl.	3,814		
							Simpson	3,861	4	
							Arbuckle	3,908	11	
Garfield ('47)	17-23S-17W	6,500	156,857	8,442,682	172	0	Penn. congl.	4,279	36	
							Kinderhookian	4,276	5	37
Ideker ('66)	2-21S-29W	40	4,259	4,259	2	0	Cherokee	4,218	9	
Jay ('54)	3-23S-15W	200	4,997	369,382	5	0	Lans.-K.C.	3,668		
							Simpson	4,025	14	37
Jay South ('56)	9-23S-15W	40	no runs	49,070	1	0	Simpson	4,101	6	40
Jessie ('58)	36-21S-15W	40	1,110	24,998	1	0	Lans.-K.C.	3,601	7	31
Larned ('49)	28-21S-16W	1,700	191,023	5,715,433	40	1	Arbuckle	3,877	5	38
Lovett ('54)	35-22S-15W	80	2,803	75,551	2	0	Lans.-K.C.	3,682	8	37
Oro ('53)	9-20S-19W	460	20,203	1,131,636	10	0	Penn. congl.	4,204	5	39
Oro Northwest ('63)	5-20S-19W	200	43,753	119,058	4	0	Marmaton			
							Cherokee			
							Penn. congl.	4,173	1	
Oro Southeast ('61)	23-20S-19W	320	64,875	415,937	8	0	Cherokee	4,179	5	40

Pawnee Rock ('36)	13-20S-16W	1,340	37,813	5,023,661	18	9	Arbuckle	3,832	16	39
Also in Barton County										
Rutherford ('46)	8-20S-16W	160	9,567	407,447	4	0	Arbuckle	3,815	9	42
Ryan ('45)	35-19S-16W	120	3,954	610,617	3	3	Arbuckle	3,656	5	32
Also in Rush County										
Ryan Southeast ('45)	12-20S-16W		no report	342,644			Arbuckle	3,688	3	37
Shady ('48)	35-22S-16W		no report	6,038			Arbuckle	4,067		50
Shady Southwest ('53)	3-23S-16W		no report	80,167			Lans.-K. C.	3,705	5	
Shiley ('54)	14-20S-20W	180	84,722	468,277	5	3	Penn. congl.	4,173	7	38
Shiley East ('54)	18-20S-19W	160	13,893	338,651	4	0	Cherokee	4,223	2	37
Steffen ('63)	29-20S-20W	320	54,791	158,730	8	1	Mississippian	4,292	10	
Sweeney ('53)	8-21S-15W	40	no runs	66,574	1	0	Arbuckle	3,831		
Sweeney Southwest ('55)	36-21S-16W	40	478	13,381	1	0	Penn. congl.		4	
Sweeney West ('57)	14-21S-16W	160	4,925	83,034	4	0	Simpson	3,781	13	
Zook ('42)	16-23S-16W		no report	7,016		1	Arbuckle	3,833	3	
Miscellaneous							Arbuckle	4,066		
Pools and fields abandoned										
Total Pawnee County		15,360	919,835	27,798,470	355	22				

PHILLIPS COUNTY

Beckman ('51)	3-4S-19W	280	19,310	80,803	7	0	Lans.-K. C.	3,201	4	
Dayton ('41)	36-2S-19W	1,600	54,367	1,714,687	24	0	Lans.-K. C.	3,430	8	36
Federicksburg ('52)	4-1S-18W	600	17,095	184,115	8	0	Lans.-K. C.	3,457	3	
Hansen ('43)	14-5S-20W	1,260	112,576	4,272,595	37	0	Lans.-K. C.	3,363		40
Hansen West ('52)	15-5S-20W	80	1,443	54,647	2	0	Arbuckle	3,530	6	
Huffstutter ('49)	6-2S-18W	6,300	529,455	7,949,851	167	9	Arbuckle	3,543	11	
Huffstutter Southwest ('51)	23-2S-19W	240	10,533	280,964	6	0	Lans.-K. C.	3,444	36	35
Kinter ('65)	20-4S-19W	40	963	963	1	0	Lans.-K. C.	3,458	4	36
Logan ('45)	3-5S-20W	800	57,466	940,115	24	0	Lans.-K. C.	3,211		34
Mont-Sol ('54)	1-4S-19W	240	8,222	232,926	6	0	Arbuckle	3,149	20	37
Mont-Sol South ('61)	18-4S-18W	80	3,045	21,043	2	0	Lans.-K. C.	3,255	10	37
Ray ('40)	32-5S-20W	4,440	1,070,446	31,182,161	151	0	Lansing	3,132	17	
Also in Graham and Norton counties							Lans.-K. C.	3,297		30
Sinker ('51)	25-4S-20W	560	53,725	719,415	14	0	Arbuckle	3,575		32
Stoneman ('64)	20-4S-18W	2,480	192,771	277,640	39	0	Reagan	3,540	13	
							Lans.-K. C.	3,215	8	36
							Lansing	3,200	2	

TABLE 27.—Kansas oil field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Pro- ducing wells 1966	Name	Producing zone		Thick- ness, ft	Avg. gravity
			During 1966	To end of 1966			Depth, ft			
PHILLIPS COUNTY (concl.)										
Stoneman North ('66)	17- 4S-18W	40	2,678	2,678	2	Lansing	3,124	18	37	
Stony Point ('59)	18- 5S-20W	40	no runs	5,045	1	Lansing	3,265	9	33	
Stuttgart ('50)	14- 3S-19W	400	8,344	531,956	10	Lans.-K.C.	3,146	3	37	
Stuttgart South ('51)	23- 3S-19W	40	1,794	53,574	1	Lans.-K.C.	3,291	3	36	
Van Dyke ('59)	1- 2S-19W		no report	3,006		Lansing	3,428	3	36	
Pools and fields abandoned				126,545						
Total Phillips County		19,520	2,144,233	48,639,212	502					
PRATT COUNTY										
Blowout ('52)	8-27S-14W	40	957	25,958	1	Lans.-K.C.	3,929	7	34	
Brachear ('62)	30-28S-13W	40	13,097	54,221	1	Simpson	4,451	6	36	
Brehm ('61)	23-28S-13W	360	93,408	445,504	9	Lans.-K.C. Simpson	3,848 4,390	8	35	
Cairo North ('54)	6-28S-11W	40	1,521	76,657	1	Viola	4,422	11	38	
Carver-Robbins ('55)	21-27S-15W	1,160	7,653	110,921	21	Lans.-K.C. Cherokee	4,314 3,980	4	34	
Chance ('46)	4-27S-13W	1,010	46,113	4,170,835	40	Penn. congl. Mississippian Viola	4,472 4,393 4,534	5 4	38	
Chance Northwest ('54)	29-26S-13W	120	9,228	125,081	3	Marmaton	4,137	34	34	
Chitwood ('43)	23-28S-12W	2,000	46,532	11,785,718	67	Mississippian Viola Simpson	4,254 4,250 4,380	34 10	34	
Clara ('48)	36-29S-14W	120	1,646	227,073	3	Simpson Lans.-K.C. Viola	4,422	8	40	
Also in Barber County						Simpson Arbuckle	4,396	14	38	
						Simpson	4,472	4	40	

Coats ('44)	24-29S-14W	40	1,505	465,124	1	0	Simpson	4,402	12
Coats West ('55)	23-29S-14W	120	10,672	81,171	3	0	Arbuckle	3	3
Cullison ('56)	25-28S-15W	120	10,672	31,043	3	1	Simpson	4,521	13
Cunningham ('31)	7-28S-11W	4,160	89,670	5,775,797	75	1	Cherokee	4,543	13
Also in Kingman County							Mississippian	3,390	7
Eads ('59)	33-29S-14W	120	4,718	89,798	3	0	Lans.-K.C.	4,330	10
Also in Barber County							Viola	4,501	35
Earl ('54)	36-28S-14W		no report	111,859			Viola	4,223	
Earl North ('55)	36-28S-14W	40	9,994	107,416	1	0	Lans.-K.C.	4,520	14
Fitzsimmons ('53)	30-27S-13W	120	6,199	186,212	3	0	Simpson	4,493	17
Fitzsimmons South ('54)	31-27S-13W	40	no runs	275,361	1	0	Simpson	4,056	3
Frisbie ('43)	5-26S-13W	400	14,665	683,815	8	0	Lans.-K.C.	4,124	18
Frisbie Northeast ('48)	4-26S-13W	400	6,060	479,779	10	0	Simpson	4,435	10
							Lans.-K.C.	3,947	8
							Lans.-K.C.	3,788	19
							Viola	4,170	17
Gereke North ('61)	1-26S-15W	200	5,822	48,660	5	0	Simpson	4,274	
							Lans.-K.C.	3,798	4
							Mississippian	4,251	
							Viola	4,390	11
Gereke Northwest ('62)	1-26S-15W	80	8,973	58,481	2	0	Simpson	4,350	14
Gereke West ('63)	11-26S-15W	400	73,300	211,403	10	0	Viola	4,109	28
Haskins ('56)	5-27S-14W	40	1,782	54,001	1	0	Lans.-K.C.	4,118	8
							Lans.-K.C.	4,418	8
Hopewell ('58)	17-26S-15W	40	1,038	7,356	1	0	Viola	3,887	
Howell ('63)	31-29S-14W	40	3,434	24,717	1	0	Lans.-K.C.	4,543	25
Luka-Carmi ('37)	11-27S-13W	7,560	770,090	25,661,677	225	9	Cherokee	4,104	31
							Lans.-K.C.	4,012	37
							Marmaton	4,112	12
							Mississippian	4,195	
							Viola	4,292	
							Simpson	4,354	
Luka-Carmi Northwest ('53)	26-26S-13W	60	2,149	224,515	2	0	Arbuckle	4,217	16
							Viola	4,276	21
							Simpson	4,358	18
							Arbuckle	4,466	14
Jcm ('57)	28-29S-13W	120	9,468	100,429	3	0	Viola	4,466	35
							Simpson	3,796	3
Lion Northeast ('54)	21-27S-11W	40	1,478	77,101	1	0	Lans.-K.C.	4,418	5
Ludwick Northeast ('60)	28-28S-13W	40	no runs	15,904	1	0	Simpson		

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells, 1966	Name	Producing zone		Avg. gravity
			During 1966	To end of 1966			Depth, ft	Thickness, ft	
PRATT COUNTY (concl.)									
Lunt ('64)	33-27S-12W	40	no runs	412	1	Simpson	4,351	22	37
Moore ('49)	1-26S-14W	240	22,007	375,210	6	Viola	4,234		
Moore Southwest ('53)	11-26S-14W	600	45,839	407,939	9	Lans.-K. C. Kinderhookian	3,846 4,246	6 6	38 36
Moore West ('59)	4-26S-14W	80	9,600	110,045	2	Simpson	4,364	2	32
Park ('59)	14-27S-11W	120	3,924	76,815	3	Lansing	3,810	2	34
Petrovsky ('64)	10-26S-12W	80	no runs	5,395	2	Arbuckle	3,620	4	34
Randle ('55)	5-26S-14W	80	6,586	117,857	2	Lans.-K. C.	4,271	9	35
Reil ('57)	10-29S-14W	40	656	13,054	1	Marmaton	3,946	8	35
Rollinson ('58)	30-27S-12W	480	109,685	754,698	15	Lans.-K. C. Simpson	4,439 4,306	5 6	8 38
Sawyer ('57)	26-29S-13W	540	62,063	590,121	13	Lans.-K. C. Simpson	4,096 4,607	4 4	4 4
Sawyer North ('60)	24-29S-13W		no report	7,392		Arbuckle	4,678	5	
School Teacher ('57)	27-28S-11W		no report	7,092		Lans.-K. C.	3,926	13	
Shriver ('44)	33-29S-14W	160	5,727	883,412	4	Viola	4,331	16	40
Slade South ('62)	35-25S-12W		no report	1,179		Simpson	4,557	7	39
Stead ('64)	27-26S-12W		no report	8,856		Lans.-K. C.	4,308	4	
Tatlock ('54)	28-26S-15W		no report	86,669		Simpson	3,925	4	39
Tatlock East ('64)	27-26S-15W	40	3,153	16,969	1	Lansing	3,891		
Tatlock Southwest ('58)	30-26S-15W	40	727	2,662	2	Penn. congl. Kinderhookian	4,376		
Welli ('64)	7-28S-13W	40	5,629	26,919	1	Simpson	4,440	4	
Miscellaneous Pools and fields abandoned			no report	1,162,896	1				
Total Pratt County		21,610	1,517,919	56,563,653	568				
RAWLINS COUNTY									
Arbor ('59)	17-4S-33W	40	2,370	30,962	1	Lansing	4,023	21	31

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Beeson ('62)	18- 3S-35W	40	no runs	6, 451	1	0	Lans.-K. C.	4, 209	6	35
Brunnm ('56)	7- 2S-30W		no report	23, 143			Topeka	4, 168	31	
Cahoj ('59)	17- 1S-34W	1, 360	259, 637	3, 496, 990	47	0	Lans.-K. C.	4, 312	17	
Cahoj East ('66)	11- 1S-34W	80	17, 254	17, 254	2	0	Lansing	4, 030	9	32
Cahoj West ('62)	14- 1S-35W	200	43, 950	204, 349	5	0	Lansing	4, 098	6	38
Kompus ('59)	33- 1S-32W		no report	493			Lansing	4, 071	6	30
Ruda ('66)	13- 1S-34W	160	29, 961	29, 961	4	0	Lans.-K. C.	3, 890	3	30
Sappa Creek ('58)	24- 4S-34W	40	4, 555	93, 235	1	0	Lans.-K. C.	4, 258	6	34
Schmah ('61)	9- 5S-31W	40	2, 211	23, 831	1	0	Marmaton	4, 030	8	33
Waterman ('58)	15- 4S-33W	40	2, 369	29, 391	1	0	Lans.-K. C.	4, 430	6	36
Wilhelm ('59)	20- 1S-32W	600	76, 052	617, 877	15	0	Lansing	3, 913	14	
Wilhelm East ('60)	15- 1S-32W	40	3, 752	31, 611	1	0	Marmaton	4, 280	8	
Total Rawlins County		2, 640	442, 111	4, 605, 548	79	0	Lansing	3, 880	9	33
								3, 896	3	34

RENO COUNTY

Abbyville ('27)	24-24S- 8W	80	3, 614	1, 161, 273	2	0	Lans.-K. C.	3, 540	9	38
Abbyville East ('61)	21-24S- 7W	40	no runs	687	1	0	Lansing	3, 125	4	38
Abbyville Southwest ('60)	26-24S- 8W		no report	2, 316			Mississippi	3, 758	4	36
Albion ('48)	14-26S- 6W	80	no runs	78, 047	2	0	Lans.-K. C.	3, 342	4	31
Albion North ('50)	12-26S- 6W	300	34, 985	160, 291	8	0	"Chat"	3, 654	7	39
Arlington ('64)	23-25S- 8W	80	4, 537	10, 738	2	0	Mississippi	3, 997	5	
Bacon ('53)	36-23S- 5W	80	9, 191	118, 940	2	0	Mississippi	3, 750	6	
Beck ('55)	24-23S- 9W	120	443	110, 267	3	1	Mississippi	3, 382	28	38
Beck West ('65)	14-23S- 9W	80	19, 849	23, 868	2	0	Penn. cong.	3, 711	4	34
Buhler ('38)	25-22S- 5W	580	12, 136	1, 597, 981	12	0	Penn. cong.	3, 721	3	36
Burrton ('31)	1-23S- 4W	12, 200	804, 441	58, 251, 352	387	5	Viola	3, 890	5	
Also in Harvey County							Simpson	3, 897	42	
Castleton ('55)	29-25S- 6W	80	no runs	42, 371	2	0	Mississippi	3, 266	33	
Castleton South ('62)	32-25S- 6W	40	no runs	3, 917	1	0	Hunton	3, 583	42	
Fishburn ('66)	17-25S- 5W	40	2, 338	2, 338	1	0	"Misener"	3, 992	6	36
Friendship ('41)	19-25S- 4W	120	2, 088	57, 903	3	0	Kansas City	2, 970	4	37
							Viola	3, 821	3	39
							Lans.-K. C.	3, 541	6	
							Mississippi	3, 928	5	
							Hunton	3, 981		
							Viola			

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells, 1966	Wells abandoned, 1966	Producing zone	
			During 1966	To end of 1966			Depth, ft	Thick- ness, ft
RENO COUNTY (concl.)								
Haven ('51)	9-25S-4W		no report	28,847			Hunton Viola	7
Hilger ('34)	16-26S-4W	120	7,832	4,949,125	3	0	Simpson Viola	4 30 4 38
Hilger Southeast ('63)	21-26S-4W	40	no runs	1,348	1	0	Lans.-K. C.	2,841 1
Hilger Southwest ('55)	29-26S-4W	240	14,663	434,081	8	0	"Misener Viola	3,955 4 40 4,012 4 40
Huntsville Townsite ('62)	8-23S-9W		no report				Mississippian	3,573 18
Lorado ('37)	10-26S-9W	860	3,128	2,792,750	32	0	Mississippian	3,857
Cumulative production corrected to include oil produced before 1947.								
Morton ('42)	17-24S-8W	40	1,879	66,593	1	0	Lans.-K. C.	3,180 12 38
Morton Southeast ('51)	16-24S-8W	80	3,020	29,256	2	0	Lans.-K. C.	3,423 12 38
Nicklaus ('52)	3-26S-4W	120	10,125	280,679	3	0	Lans.-K. C.	3,249 3 38
Prettyman ('57)	11-23S-9W	40	no runs	7,987	1	0	Lansing	3,244 6
Rino ('60)	33-21S-9W	80	33,203	161,420	2	0	Simpson	3,517 12 41
Also in Rice County								
Sterling ('51)	4-22S-8W	280	15,791	335,934	7	0	Arbuckle	3,524 7
Also in Rice County								
Sterling Southwest ('61)	17-22S-8W	560	29,158	512,960	14	4	Penn. congl. Mississippian	3,535 10 38 3,545
Stroud ('58)	34-23S-5W	40	1,275	27,707	1	0	Simpson	3,850 3 38
Stroud South ('59)	33-23S-5W		no report	6,583	0	0	Hunton	3,724 4 20
Wisby ('57)	18-22S-9W	540	14,936	424,580	17	1	Simpson	3,614 4 32
Wisby North ('57)	6-22S-9W	160	7,144	80,568	4	0	Simpson	3,610 10 40
Wisby Northwest ('63)	12-22S-10W	40	no runs	1,492	1	0	Lans.-K. C.	3,088 8
Wisby South ('59)	19-22S-9W	160	26,066	275,305	4	0	Simpson	3,630 13 43
Zenith-Peace Creek ('41)	21-23S-10W		no report		1		Viola	3,773 39
Also in Stafford County								
Miscellaneous			no report	146,546				
Pools and fields abandoned								
Total Reno County		17,240	1,051,842	70,971,335	529	13		

Alton Northwest ('69)	5-21S-10W	50	1,147	40,342	4	0	Arbuckle	3,391 4 30
Ball ('59)	9-24S-10W	120	no report	230,704	4	0	Arbuckle	3,101 3 30
Ball West ('66)	18-24S-10W	40	no report	3,601	1	0	Arbuckle	3,152 18 45
Blackhall ('66)	5-21S-8W	20	2,604	18,136,862	67	0	Arbuckle	3,014 8 43
Bloomer ('36)	36-17S-11W	1,300	186,011				Arbuckle	3,257 8 43
Also in Barton and Ellsworth counties								
Bredell ('37)	7-18S-9W	360	21,315	223,687	9	1	Arbuckle	3,226 8 31

Includes production for Bredell in Northwest

RICE COUNTY

Alden Northwest ('62)	5-21S- 9W	80	3,744	10,212	2	0	Kansas City	2,955	3	38
Bell ('53)	9-21S-10W	120	4,417	229,703	3	0	Arbuckle	3,391	4	39
Bell West ('66)	18-21S-10W	10	no report		1	0	Lans.-K. C.	3,104	3	
Blackhall ('66)	5-21S- 8W	20	2,604	2,604	1	0	Arbuckle	3,452	18	45
Bloomer ('36)	36-17S-11W	1,300	186,011	18,136,862	67	0	Lans.-K. C.	3,044	8	43
Also in Barton and Ellsworth counties							Arbuckle	3,257	8	43
Bredfeldt ('37)	7-18S- 9W	360	21,315	223,687	9	1	Arbuckle	3,226	8	31
Bredfeldt West ('39)	13-18S-10W	160	7,914	111,928	3	0	Arbuckle		10	
Buffalo Bill ('63)	1-20S- 9W	40	1,915	12,054	1	0	Lans.-K. C.	2,883	4	
Bull Creek ('60)	26-21S- 8W	1,100	38,734	612,564	31	0	Mississippian	3,354	5	34
Calf Creek ('50)	28-18S-10W	380	17,360	460,754	13	0	Lans.-K. C.	3,006	12	
							Penn. congl.	3,270	10	
Calf Creek North ('52)	28-18S-10W	40	1,272	30,484	1	1	Precambrian	3,143	10	40
CAR ('63)	28-20S- 9W		no report	1,523			Arbuckle	3,254		
Chase-Silica ('30)	32-19S- 9W	27,080	1,307,621	131,953,346	677	24	Wabaunsee	2,285		
Also in Barton and Stafford counties							Lans.-K. C.	2,942	10	40
							Penn. congl.	3,355	8	
							Simpson	3,242		
Click Southeast ('47)	11-18S- 7W	160	8,214	134,243	4	0	Arbuckle	3,252	10	48
							Lans.-K. C.	3,065	5	26
Cow Creek ('46)	28-18S- 9W	40	1,607	35,125	1	0	Penn. congl.	3,154	4	
Crawford ('53)	12-18S- 7W	240	9,463	345,884	6	0	Lans.-K. C.	2,950	5	
Crawford Southeast ('54)	20-18S- 6W	120	no runs	31,791	3	0	Penn. congl.	3,194	7	40
Dymond ('55)	18-21S- 7W	160	9,367	103,696	4	0	Penn. congl.	3,276	6	40
Farmer ('52)	24-18S-10W	80	no runs	540,890	2	4	Mississippian	3,392	10	36
Farmer North ('57)	18-18S- 9W	80	1,553	34,965	2	0	Arbuckle	3,222	6	40
Frederick ('31)	10-18S- 9W	700	94,167	1,590,563	22	1	Arbuckle	3,326	6	32
Frederick East ('61)	12-18S- 9W		no report	6,668			Penn. congl.	3,213	26	37
Galt ('22)	8-18S- 7W	40	2,082	100,278	1	0	Simpson	3,286	7	47
Genesee-Edwards ('34)	25-18S- 8W	5,300	692,241	50,318,921	217	7	Arbuckle	3,193	4	
Also in Ellsworth County							Lans.-K. C.	2,787		39
							Penn. congl.	3,222		
							Simpson	3,180	12	39
Glen Sharrald ('50)	20-18S-10W	120	1,923	41,081	3	0	Arbuckle	3,132		41
							Lans.-K. C.	3,118	25	40
Groves ('66)	34-20S-10W	10	393	393	2	0	Arbuckle		12	
							Kansas City	3,054	5	35

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft	Thick. net, ft	Avg. gravity
RICE COUNTY (concl.)									
Heinz ('38)	8-18S-10W	200	744	382,930	5	0	Lans.-K.C. Arbuckle	3,000 3,254	41 14
Hohl ('65)	12-18S-10W	80	4,139	6,857	2	0	Arbuckle	3,270	41
Ixl ('50)	4-19S-10W	900	59,982	949,941	22	1	Lans.-K.C. Arbuckle	3,068 3,308	44 22
Kepley ('63)	5-19S-7W	280	37,364	92,938	7	0	Kansas City Kinderhookian	3,154 24	6 30
Lyons Southwest ('55)	22-20S-8W	40	2,160	12,434	1	0	Penn. congl.		
Lyons Townsite ('64)	34-19S-8W	40	5,837	15,295	1	0	Chase		
Lyons West ('63)	32-19S-8W	4,760	882,856	2,821,879	106	1	Kinderhookian	3,344	4
McClintock ('62)	18-21S-8W	40	no runs	184	1	0	"Misener"	3,281	6
Mary Ida ('50)	31-18S-10W	1,200	122,987	1,187,860	25	0	Lans.-K.C. Arbuckle	3,033 3,272	20 5
Mary Ida South ('57)	6-19S-10W	420	45,015	812,059	20	0	Lansing Arbuckle	3,038 3,342	4 5
Munyon ('50)	34-18S-10W	80	3,079	146,590	2	0	"Sooy"	3,270	43
Munyon South ('51)	3-19S-10W	80	no runs	154,247	2	0	Arbuckle	3,275	
Odessa ('49)	32-18S-6W	600	53,051	1,203,461	17	0	Arbuckle	3,300	13
Odessa South ('49)	9-19S-6W		no report				Lans.-K.C.	3,092	6
Orth ('32)	27-18S-10W	1,160	44,179	3,813,398	25	0	Lans.-K.C. Shawnee	3,069 2,684	6 15
Orth West ('44)	21-18S-10W	480	15,072	917,839	14	0	Lans.-K.C. Precambrian	2,915 3,187	10 21
Ponce ('36)	28-21S-7W	160	4,553	175,770	4	0	Arbuckle	3,240	27
Prosper East ('50)	5-18S-9W	160	3,375	246,625	4	0	Arbuckle	2,688	37
Rellim ('57)	3-19S-6W	560	11,955	442,982	11	0	Penn. congl.	3,235	
Rick ('36)	1-19S-11W	80	2,247	84,644	2	0	Lans.-K.C. Arbuckle	3,388 3,222	40 16
Also in Barton County								3,295	18
Rickard ('35)	22-18S-9W	40	1,288	221,776	1	0	Arbuckle	3,106	41
Ringwald ('49)	32-18S-10W	560	50,712	1,279,292	12	0	Lans.-K.C. Precambrian	3,355 3,324	7 5
								2,947	37
								3,072	

17-21S-9W
 1-18S-10W
 11-20S-9W
 9-20S-8W
 8-20S-8W
 23-19S-6W
 4-19S-6W
 Schweglin ('62)
 Shafter ('66)
 Shafter ('64)
 Shumway ('64)
 Shumway West ('65)
 Shumway North ('44)

Rino ('60)	33-21S- 9W	200	50,707	291,354	5	0	Arbuckle	3,524	7
Roesler ('43)	14-18S-11W	160	10,857	388,743	4	0	Arbuckle	3,291	7
Also in Barton County									
Schoepflin ('62)	17-21S- 9W	40	335	6,613	1	1	Simpson	3,383	10
Shelton ('66)	1-18S-10W	10	4,770	4,770	1	0	Arbuckle	3,241	11
Shuler ('64)	11-20S- 9W	40	no runs	2,433	1	0	Simpson	3,317	11
Shumway ('64)	9-20S- 8W	280	62,431	103,507	7	0	Kinderhookian	3,404	44
Shumway West ('65)	8-20S- 8W	80	15,575	16,436	2	0	Simpson	3,517	5
Smyres North ('44)	23-19S- 6W		no report	2,055			Mississippian	3,360	8
Sterling ('51)	4-22S- 8W	40	485	61,367	1	0	Mississippian	3,365	12
Also in Reno County									
Tobias ('61)	25-20S- 9W	3,180	1,031,797	3,706,255	115	1	Lans.-K. C. Penn. congl.	3,284	
Tobias Northwest ('62)									
Union East ('50)	27-20S- 8W		no report	84,987		2	"Sooy"	3,305	9
Volkland ('43)	27-18S- 9W	240	10,251	858,937	6	0	Arbuckle	3,221	30
Welch-Bornholdt ('24)	35-20S- 6W	8,920	488,054	21,144,395	293	10	"Chat"	3,370	34
Also in McPherson County									
Wherry ('33)	11-21S- 7W	6,920	114,728	14,417,193	77	2	"Sooy"	3,358	22
Wisby Northeast ('58)	32-21S- 9W	160	3,427	96,630	4	0	Simpson	3,553	6
Miscellaneous									
Pools and fields abandoned			no report	153,072		2			
Total Rice County		71,050	5,700,286	262,802,409	1,909	66			
RILEY COUNTY									
Ge-See ('59)	27-11S- 8E	20	210	4,811	1	0	Cherokee	1,749	12
Also in Geary County									
Yaage ('59)	25-11S- 8E	600	143,652	1,449,718	32	0	Penn. congl. Hunton	1,578	10
Yaage Northwest ('65)	22-11S- 8E	40	599	1,210	1	0	Mississippian	1,682	8
Total Riley County		660	144,461	1,455,739	34	0			
ROOKS COUNTY									
Andreson ('62)	31-10S-18W	160	21,181	84,056	4	0	Lans.-K. C.	3,254	47

TABLE 27.—Kansas oil field statistics, 1966 (continued).

Field name and Year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells abst. 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft.	Thick- ness, ft.	Avg. gravity
ROOKS COUNTY (cont.)										
Arpin ('57)	5- 9S-20W		no report	17,928			Arbuckle	3,655	5	24
Arpin East ('58)	4- 9S-20W	40	2,370	25,655	1	0	Arbuckle	3,751	21	29
Arpin South ('57)	8- 9S-20W	80	3,092	59,228	2	0	Arbuckle	3,714	12	49
Barry ('42)	11- 9S-19W	2,500	408,808	13,065,890	69	0	Lans.-K. C.		35	32
Barry East ('47)	6- 9S-18W	320	18,134	961,023	8	2	Lans.-K. C. Arbuckle	3,280	9	22
Barry Southeast ('46)	13- 9S-19W		no report	2,585,551			Lans.-K. C. Arbuckle	3,489	6	26
Raum ('42)	10-10S-16W	40	1,728	40,752	1	0	Arbuckle	3,228	7	7
Baumgarten ('50)	25- 9S-19W	1,000	72,142	1,645,372	26	0	Lans.-K. C. Toronto	3,057	15	30
Bemis-Shutts ('28) Also in Ellis County	16-11S-17W	540	43,921	2,910,397	23	0	Lans.-K. C. Arbuckle	3,401	7	24
Bray ('60)	20- 8S-19W	40	6,474	24,042	1	0	Arbuckle	3,621	7	38
Brungardt ('52) Also in Ellis County	35-10S-17W	600	6,637	584,095	20	0	Lans.-K. C. Penn. congl. Arbuckle	3,570	8	32
Carmichael ('55)	33- 8S-18W	120	5,639	149,868	3	0	Lans.-K. C.	3,242	4	37
Chesney ('59)	12- 8S-17W	240	22,309	173,758	6	0	Arbuckle	3,460	4	27
Collins ('60)	34- 9S-18W	40	3,859	19,048	1	0	Lans.-K. C.	3,194	16	37
Cooper ('43) Also in Graham County	5-10S-20W	1,600	131,494	2,932,128	41	0	Arbuckle	3,449	7	31
Cresson ('56)	11- 9S-20W	80	1,748	52,005	2	0	Arbuckle	3,644	8	37
Dancer ('52)	4- 8S-17W		no report	10,890			Lans.-K. C.	3,210	8	34
Depita ('34)	31- 8S-17W	4,320	328,092	5,412,639	89	3	Lans.-K. C. Arbuckle	3,066	195	34
Dopita East ('52)	29- 8S-17W	240	23,855	553,253	6	0	Lans.-K. C. Arbuckle	3,640	3	24
Dorr ('42)	20- 9S-16W	1,000	152,846	2,569,080	52	0	Arbuckle	3,619	6	25
Eilers ('59)	22-10S-18W	320	33,660	375,850	12	0	Lans.-K. C. Lansing Simpson Arbuckle	3,824	19	26

TABLE 27.—Kansas oil field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing wells	Name	Producing zone	
			During 1966	To end of 1966			Depth, ft.	Thickness, ft.	Avg. gravity
ROOKS COUNTY (cont.)								
McHale ('48)	8- 9S-18W	910	63,107	655,361	12	Lans.-K.C. Arbuckle	3,436	26
McMullen ('52)	33- 8S-17W	40	1,820	18,467	1	Lansing Arbuckle	3,494 3,166	2
Marquette ('43)	15-10S-20W	11,680	914,036	28,453,849	334	Lans.-K.C. Arbuckle	3,596 3,752	6
Mayhew ('51)	24- 9S-19W	360	20,672	352,986	8	Arbuckle	3,613	25
Medicine Creek ('52)	18- 8S-16W	320	11,449	125,241	8	Shawnee	3,054	36
Minnie "O" ('62)	10- 9S-17W	120	8,825	32,810	3	Lans.-K.C. Penn. congl.	3,419	3
Minnie "O" South ('66)	15- 9S-17W	10	3,667	3,667	2	Arbuckle	3,445	10
Mt. Pleasant ('63)	26- 8S-19W	40	1,705	10,647	1	Arbuckle	3,446	6
Natoma ('61)	14-10S-16W	540	41,185	290,535	9	Lans.-K.C. Penn. congl.	3,189 3,216	4 40
Natoma Northwest ('65)	16-10S-16W	120	14,944	26,543	3	Lans.-K.C.	3,239	6
Nettie ('48)	34- 9S-17W	740	110,595	2,575,271	35	Topeka Lans.-K.C. Simpson	3,262 3,024 3,243	8 36 36
Nettie Northwest ('62)	28- 9S-17W	40	5,856	38,824	1	Arbuckle	3,499	32
Nettie Southeast ('55)	2-10S-17W	80	6,521	52,679	2	Lans.-K.C.	3,513	21
Newlin ('58)	29- 9S-16W	40	1,515	35,176	1	Lans.-K.C.	3,279	38
Northampton ('48)	26- 9S-20W	1,360	206,676	6,752,019	56	Lansing	3,305	4
Nyra ('37)	9- 9S-17W	520	26,717	539,146	16	Lans.-K.C. Arbuckle	3,596 3,429	4 34
O'Brien ('60)	14- 9S-18W	320	23,017	23,344	8	Arbuckle	3,501	2
Ordway ('58)	20-10S-18W		no report	11,672		Lansing	3,499	5
Ordway East ('59)	21-10S-18W	120	6,196	52,419	3	Toronto	3,604	2
Palmberg ('65)	33-10S-19W	40	4,221	10,359	1	Lansing	3,328	5
Paradise Creek ('47)	21- 9S-18W	1,060	178,252	3,297,760	31	Lans.-K.C. Arbuckle	3,354 3,418	27 4
Paradise Creek West ('53)	20- 9S-18W	240	13,321	372,872	6	Lans.-K.C. Arbuckle	3,400 3,576	26 13

Plainville ('48)	31- 9S-17W	1, 320	82, 390	292, 488	33	0	Lans.-K. C. Penn. congl. Arbuckle	3, 477 3, 648 3, 613	38 2	38
Pywell ('58)	31- 9S-18W	40	1, 824	24, 876	1	0	Penn. congl.	3, 708	3	39
Riffel ('66)	31- 6S-17W	10	14, 980	14, 980	1	0	Lansing	3, 177	3	26
Schindler ('59)	17- 8S-17W	no report	no report	8, 847			Arbuckle	3, 325	11	41
Simons ('60)	11- 7S-17W	60	3, 835	38, 279	2	0	Lans.-K. C.	2, 922	29	26
Slate ('51)	31- 6S-19W	200	10, 070	115, 688	5	0	Lans.-K. C. Arbuckle	3, 291 3, 545	15	15
Stockton ('37)	35- 7S-17W	360	13, 532	354, 505	9	0	Shawnee	2, 692	62	39
Thyfault ('66)	6- 8S-20W	10	2, 434	2, 434	1	0	Lans.-K. C. Penn. congl.	3, 180 3, 429	12	27
Trico ('51)	30-10S-20W	3, 800	187, 081	4, 234, 459	58	1	Lans.-K. C.	3, 543	18	30
Also in Ellis, Graham, and Trego counties							Arbuckle	3, 749	4	4
Twin Mound ('65)	4- 9S-17W	240	39, 458	41, 846	6	0	Penn. congl. Arbuckle	3, 441 3, 482	4	4
U. S. 24 ('64)	20- 7S-19W	no report	no report				Reagan	3, 440	10	29
Vohs ('45)	14-10S-19W	1, 000	82, 580	3, 467, 454	29	0	Lans.-K. C.	3, 365	7	111
Vohs Northeast ('62)	12-10S-19W	80	4, 717	35, 315	2	0	Lans.-K. C.	3, 408	6	6
Vohs Northwest ('47)	9-10S-19W	no report	no report	145, 332			Toronto	3, 390	8	34
Webster ('30)	21- 8S-19W	1, 740	50, 232	3, 598, 606	35	2	Lans.-K. C. Arbuckle	3, 446 3, 738	12	23
Westhusin ('36)	11- 9S-17W	2, 580	207, 208	3, 875, 733	67	0	Shawnee	3, 403	6	11
Westhusin East ('63)	6- 9S-16W	120	6, 469	27, 608	3	0	Lans.-K. C. Arbuckle	3, 231 3, 408	8	3
Wetherill ('66)	32-10S-16W	10	no runs		1	0	Lansing	3, 309	3	29
Whisman ('50)	9- 9S-20W	40	1, 145	31, 419	1	0	Lans.-K. C. Arbuckle	3, 427 3, 650	21	19
Williams ('53)	9-10S-18W	320	33, 299	634, 079	8	0	Toronto Lans.-K. C. Simpson	3, 366 3, 459 3, 717	6	19
Williams North ('56)	32- 9S-18W	160	7, 128	189, 511	4	1	Arbuckle Penn. congl. Simpson	3, 733 3, 713 3, 714	3	29
Williams Northwest ('53)	6-10S-18W	40	3, 829	93, 505	1	0	Arbuckle Lans.-K. C. Simpson	3, 725 3, 409 3, 725	46	26

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Producing zone			
			During 1966	To end of 1966			Name	Depth, ft	Thickness, ft	Avg. gravity
ROOKS COUNTY (concl.)										
Williams Southeast ('53)	16-10S-18W	560	64,711	676,365	13	0	Lans.-K. C. Simpson	3,444 3,660	3	36
Windy Ridge ('58)	25-10S-18W	40	2,159	21,359	1	0	Arbuckle	3,426	19	
Yohe ('49)	4-9S-18W	80	2,420	73,533	2	0	Lans.-K. C.	3,266	24	37
Zurich ('35)	26-10S-19W	360	11,310	596,022	9	0	Shawnee	3,087	37	
Zurich Southwest ('52)	34-10S-19W		no report	35,711			Lans.-K. C.	3,340	9	33
Zurich Townsite ('44)	27-9S-19W	360	51,269	883,083	9	0	Lans.-K. C.	3,385	9	28
Miscellaneous Pools and fields abandoned			no report	435,064		1	Arbuckle	3,462 3,647	6	28
Total Rooks County		59,600	5,121,595	123,661,817	1,587	23				
RUSH COUNTY										
Big Timber ('61)	5-16S-18W	120	14,681	44,008	3	0	Lans.-K. C.	3,326	6	
Elmore ('58)	12-18S-21W	80	7,552	69,583	2	0	Cherokee	4,116	12	
Eliru ('64)	35-15S-19W		no report				Reagan	3,586	1	
Also in Ellis County										
Greenwalt East ('65)	16-19S-16W	40	no runs	440	1	1	Arbuckle	3,753	2	36
Herr North ('58)	12-16S-18W	40	93	30,294	1	2	Lans.-K. C. Arbuckle	3,267 3,527	2	
Keough ('66)	15-16S-20W	10	no report				Cherokee Arbuckle	3,921 3,932	4	42 43
Kober ('59)	18-19S-20W	80	3,818	94,490	2	0	Cherokee	4,323	14	37
Litt ('64)	20-16S-19W	40	no runs	710	1	0	Lans.-K. C.	3,446	2	
Loretto Northeast ('57)	14-16S-17W	80	no runs	27,435	2	0	Lans.-K. C.	3,452	7	
McCracken ('57)	19-17S-20W	40	5,996	57,285	1	0	Cherokee	4,090	3	41
McCracken North ('62)	18-17S-20W	40	5,522	27,782	1	0	Cherokee	4,056	8	
Nekoma ('64)	30-18S-19W	160	5,186	23,761	4	3	Penn. congl.	3,978	5	
Old Maids Fork ('60)	20-19S-20W	80	4,375	76,493	2	0	Cherokee	4,300	4	41
WAGON MOUND COUNTY										
Peachtree ('59)	2-19S-17W		no report	6,494			Arbuckle	3,575	11	
Pleasant Dale ('60)	12-16S-16W	20	27,002	27,002	3	0	Lans.-K. C. Pleasant Mound	3,197 3,111	16 24	30
Reichel Field ('53)	23-17S-17W	120	946	15,018	3	2	Lans.-K. C.	3,330	16	37
Rush Center ('47)	16-18S-18W	520	25,240	776,449	4	0	Arbuckle	3,836	5	
Rush Center Northeast ('54)	10-18S-18W		no report	59,057			Arbuckle	3,783	5	
			no report	2,563			Arbuckle	3,731	5	32

Otis-Albert ('34) Also in Barton County	10-18S-16W	1,940	55,950	6,850,303	33	7	Lans.-K. C. Penn. congl. Reagan	3,385	4	34
Pechanec ('56)	2-19S-17W		no report	6,495			Arbuckle	3,527	9	34
Pleasant Dale ('66)	12-16S-16W	20	27,602	27,602	2	0	Lansing	3,842	11	44
Reichel Field ('53)	23-17S-17W	120	946	15,018	3	2	Penn. congl.	3,411	23	36
Rush Center ('47)	16-18S-18W	520	25,240	776,449	8	0	Lans.-K. C.	3,330		
Rush Center Northeast ('54)	10-18S-18W		no report	59,057			Arbuckle	3,836	15	37
Rush Center Southeast ('62)	25-18S-18W		no report	2,563			Arbuckle	3,783	5	
Ryan ('45) Also in Pawnee County	35-19S-16W	40	no runs	2,131,010	1	2	Arbuckle	3,734		
Schadel ('65)	31-19S-20W	120	45,945	57,765	3	0	Mississippian	4,394	3	37
Schadel Northeast ('66)	29-19S-20W	40	13,310	13,310	1	0	Mississippian	4,361	2	37
Schwindt ('61)	11-17S-19W	120	21,304	121,590	3	0	Reagan	3,846	7	41
Shiley North ('61)	31-19S-19W	200	69,395	343,768	5	0	Penn. congl.	4,190	21	37
Stremel ('66)	19-16S-16W	800	64,416	64,416	4	0	Lansing	3,471	8	
Webs ('54)	16-19S-20W	240	56,664	775,099	6	0	Penn. congl.	4,202	10	31
Webs Northwest ('55)	8-19S-20W		no report	46,699			Penn. congl.	4,240		
Webs Southwest ('56)	16-19S-20W	120	2,872	207,024	3	0	Cherokee	4,302	2	35
Weitzel ('47)	1-16S-20W	40	3,783	53,863	1	0	Penn. congl. Mississippian	4,400	4	
Weitzel Northeast ('64)	31-15S-19W	80	no runs		2	0	Lans.-K. C. Gorham	3,415	9	35
Pools and fields abandoned							Lansing Marmaton Reagan	3,674		
Total Rush County		5,210	441,617	12,075,595	96	17		3,658	10	
RUSSELL COUNTY										
Aley ('64)	29-14S-15W	40	1,456	4,361	1	0	Lansing	3,115	25	
Amerest ('63)	33-11S-13W	40	1,370	7,976	1	0	Lans.-K. C.	3,044	2	
Baxter ('64)	33-14S-15W	120	8,907	35,696	3	0	Toronto	3,080	4	
Beaver North ('37) Also in Barton County	4-16S-12W	40	441	95,999	1	0	Lansing Arbuckle	3,124	10	39
Beisel ('44)	15-14S-12W	160	15,360	118,818	4	0	Penn. congl. Arbuckle	3,249	4	29
Boxberger ('35)	36-15S-15W	40	no runs	254,373	1	0	Lans.-K. C.	3,272	7	29
								3,147	4	41

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells abd., 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
RUSSELL COUNTY (cont.)										
Boxberger West ('57)	34-15S-15W	240	24, 938	259, 567	6	0	Lans.-K. C.	3, 195	5	40
Claussen ('44)	27-12S-14W	280	3, 929	151, 661	5	0	Lans.-K. C.	2, 855	31	39
Claussen West ('49)	29-12S-14W		no report	3, 712			Lans.-K. C.			
Cliff ('64)	12-15S-11W		no report				Simpson	3, 280	9	
Coal Creek ('51)	22-15S-11W	40	1, 322	33, 065	1	0	Penn. congl.	3, 178		38
Coal Creek Northeast ('64)	15-15S-11W	120	9, 836	29, 386	3	0	Penn. congl.	3, 199	3	
Crabtree ('66)	27-14S-12W	10	2, 129	2, 129	1	0	Lans.-K. C.	2, 866	3	35
Davidson ('30)	4-16S-11W	900	163, 127	874, 538	28	0	Lans.-K. C.	3, 016		
Also in Barton County							"Sooy"	3, 317	9	
Donovan ('35)	10-15S-15W	700	38, 434	477, 322	14	2	Arbuckle	3, 314		
							Lans.-K. C.	3, 193	7	39
							Marmaton			
Donovan Southeast ('64)	14-15S-15W	40	10, 165	39, 214	1	0	Arbuckle	3, 120	5	
Dreher ('59)	23-11S-15W	40	2, 884	32, 508	1	0	Arbuckle	3, 313	10	
Driscoll ('56)	30-15S-11W	560	29, 445	660, 245	16	1	Lans.-K. C.	2, 969	25	36
							Penn. congl.	3, 303	2	37
Driscoll West ('60)	25-15S-12W		no report	7, 176			Arbuckle	3, 306	10	36
Dubuque ('35)	34-15S-12W	660	76, 310	1, 750, 262	13	2	Lans.-K. C.	3, 275	3	41
							Arbuckle	3, 330	5	
Elsasser ('61)	23-12S-15W	200	17, 476	59, 010	5	0	Lans.-K. C.	2, 853	130	39
Elsasser Southwest ('61)	22-12S-15W	40	2, 807	28, 452	1	0	Arbuckle	3, 250	4	27
Eulert ('49)	35-11S-15W	540	60, 283	1, 710, 358	18	0	Topeka	1, 961	4	
							Lans.-K. C.	3, 009	81	
Eulert West ('54)	34-11S-15W	40	5, 120	68, 587	1	0	Arbuckle	3, 316	13	22
Fairport ('23)	8-12S-15W	7, 860	860, 148	34, 162, 833	295	2	Lans.-K. C.	2, 984	6	42
Also in Ellis County							Lans.-K. C.	2, 950	12	32
							"Sooy"	3, 137	5	
							"Gorham"	3, 211		
							Simpson	3, 316		
							Arbuckle	3, 312		
							Reagan	3, 350		
Fay ('52)	2-12S-15W	40	1, 505	34, 085	1	0	Lans.-K. C.	2, 953	180	40

Gorham ('26)	32-13S-15W	21, 900	1, 349, 529	77, 462, 782	548	23	Shawnee Lans.-K. C.	2, 765 2, 908	48	37
Hagerman ('59)	28-11S-15W	40	2, 050	53, 738	1	0	Arbuckle	3, 289	5	32
Hagerman North ('65)	28-11S-15W	40	4, 734	8, 834	1	0	Reagan	3, 273	6	28
Haise ('63)	29-12S-14W	80	no runs	1, 896	2	0	Arbuckle	3, 332	7	35
Hall-Gurney ('31)	30-14S-13W	30, 120	3, 216, 757	102, 806, 593	1, 247	21	Lans.-K. C.	2, 781	6	39
	Also in Barton County						Tarkio	1, 985	8	
							Wabaunsee	2, 400		
							Topeka	2, 675		
							Oread	2, 813		
							Lans.-K. C.	2, 985	28	37
							Gorham	3, 165		
							Arbuckle	3, 192		
							Precambrian	3, 156		
Heim ('53)	21-14S-12W	300	27, 021	512, 134	8	0	Lans.-K. C.	2, 897		37
							Penn. congl.	3, 189	11	37
							Arbuckle	3, 238		
Kaufman ('66)	19-15S-12W	10	1, 999	1, 999	1	0	Kansas City	3, 098	25	41
Kingsley ('64)	31-12S-14W	40	2, 491	9, 915	1	0	Lansing	2, 980	4	
Kune ('56)	17-13S-15W	280	13, 205	156, 304	7	1	Lans.-K. C.	3, 004	15	28
Lang ('57)	30-15S-12W	160	47, 218	385, 351	4	0	Arbuckle	3, 334	16	
Machin ('58)	4-13S-14W	40	2, 033	24, 748	1	0	Lansing	2, 994	5	37
Meckel ('62)	27-12S-15W		no report				Arbuckle	3, 240	4	26
Meier ('48)	30-15S-12W	80	4, 423	271, 864	2	0	Arbuckle	3, 325	6	37
Mellard ('63)	18-12S-14W	80	7, 232	33, 505	2	0	Lans.-K. C.	2, 788		
Ney ('4s)	31-15S-12W	40	no runs	556, 229	1	0	Lans.-K. C.	3, 240		37
							Arbuckle	3, 350	6	
Nuss ('55)	5-16S-14W	320	29, 831	342, 885	8	0	Lans.-K. C.	3, 183		34
	Also in Barton County									
Parker ('48)	18-15S-12W	280	14, 597	573, 902	7	0	Shawnee	2, 957	7	
							Lans.-K. C.	3, 086	16	
							Arbuckle	3, 259		36
Rogg ('65)	7-13S-14W	80	9, 877	13, 564	2	0	Lans.-K. C.	2, 864	6	41
Rolling Prairie ('66)	26-15S-12W	10	1, 648	1, 648	1	0	Arbuckle	3, 307	19	37
Roosevelt ('65)	26-15S-15W	160	26, 804	28, 962	4	0	Lans.-K. C.	3, 314	3	42
Russell ('34)	22-13S-14W	3, 640	154, 553	15, 878, 740	91	4	Lans.-K. C.	3, 195	9	33
							Arbuckle	3, 280	6	
Russell East ('49)	25-13S-14W	200	6, 284	93, 264	5	0	Arbuckle	3, 273	11	33
Russell North ('42)	15-13S-14W	40	1, 479	27, 439	1	0	Tarkio	2, 353	4	
							Lans.-K. C.		6	

TABLE 27.—Kansas oil field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R	Area, acres	Oil production, bbl		Wells producing in 1966	Producing zone				
			During 1966	To end of 1966		Name	Depth, ft	Thick-ness, ft	Avg. gravity	
RUSSELL COUNTY (concl.)										
S & S ('57)	36-12S-15W	80	6, 813	545, 601	2	0	Lans.-K. C. Arbuckle	3, 139	9	32
Subستا ('66)	36-15S-11W	20	17, 923	17, 923	2	0	Arbuckle	3, 292	8	38
Salt Creek ('61)	6-13S-14W	80	6, 813	43, 498	2	0	Lans.-K. C.	2, 954	185	38
Strecker ('43)	21-15S-14W	400	51, 709	228, 145	8	0	Lans.-K. C. Arbuckle	3, 031	14	48
Strick ('63)	16-15S-14W	320	34, 094	83, 203	6	0	Lans.-K. C.	3, 035	4	39
Trapp ('29)	23-15S-14W	19, 780	1, 977, 240	124, 244, 004	659	23	Tarkio Shawnee	2, 359	8	32
Also in Barton County										
Weilert ('63)	6-12S-14W	80	1, 274	4, 056	2	0	Lans.-K. C. Arbuckle	3, 062	12	40
Miscellaneous Pools and fields abandoned			no report	232, 981		6	"Dodge"	2, 966		
Total Russell County		91, 410	8, 377, 187	365, 613, 292	3, 061	85				
SALINE COUNTY										
Bachofer ('51)	15-15S-2W	200	9, 116	173, 488	5	0	Mississippian	2, 799	6	33
Bachofer Southeast ('62)	14-15S-2W	40	no report	3, 797	1	1	Mississippian	2, 760	5	33
Gillberg ('59)	28-14S-2W	280	11, 676	116, 241	7	1	Maquoketa	3, 223	8	33
Gypsum ('63)	27-15S-1W	40	no runs	3, 313	1	0	Mississippian	2, 566	5	36
Gypsum Creek ('44)	4-17S-1W	1, 000	60, 821	1, 199, 673	25	0	Lans.-K. C. Mississippian	2, 072	8	36
Also in McPherson County										
Hunter ('43)	20-16S-1W	880	23, 059	1, 608, 755	21	2	Douglas "Chat"	1, 841	2	36
Hunter North ('48)	8-16S-1W	280	10, 897	443, 054	7	0	Mississippian	2, 674	21	36
Jackman ('60)	10-15S-1W	2, 200	no report	2, 370			Mississippian	2, 547	4	35
Lindsborg ('38)	8-17S-3W	2, 200	60, 830	2, 190, 683	71	3	Viola	3, 381	54	35
Also in McPherson County										
Mortimer ('58)	5-16S-1W	400	28, 552	79, 010	10	1	Mississippian	2, 639	14	35
Olsson ('29)	10-16S-3W	900	30, 470	1, 215, 304	40	7	Viola	3, 303	12	35
Also in Barton County										
Olson ('59)	31-15S-3W	300	1, 091	81, 195	7	0	Viola	3, 453	0	35

Pihl ('63)	26-15S- 2W	440	79,560	241,888	13	0	Mississippian	2,710	4
Pliny ('43)	9-16S- 1W	40	93	21,896	1	2	Lans. -K. C.	1,990	8
Salina ('43)	30-14S- 2W	3,820	179,695	3,037,716	96	2	Viola	3,223	8
Shultz ('62)	16-15S- 3W	400	29,149	43,538	10	0	Maquoketa	3,264	34
Smolan ('50)	19-15S- 3W	2,180	63,472	5,003,933	62	17	Viola	3,348	15
Swenson ('50)	34-15S- 3W	300	1,091	81,195	7	0	Maquoketa	3,420	6
Miscellaneous			no report				Viola	3,386	6
Total Saline County		13,360	588,481	15,460,334	376	38	Viola	3,353	35
SCOTT COUNTY									
Brookover ('63)	18-17S-31W	80	14,930	58,957	2	0	Lans. -K. C.	3,929	20
Crist ('66)	32-20S-34W	80	14,930	14,930	2	0	Marmaton	4,536	12
Keystone ('50)	25-18S-32W	120	4,490	339,248	3	1	Lans. -K. C.	4,001	6
Newby ('60)	23-18S-32W	80	3,725	68,055	2	0	Lans. -K. C.	3,923	2
Rodenberg ('64)	16-17S-31W		no report				Marmaton	4,395	2
Rothfelder ('57)	7-20S-33W	200	21,694	144,305	5	0	Mississippian	4,576	6
Shallow Water ('35)	15-20S-33W	240	15,461	2,050,076	6	0	Penn. cong.	4,556	8
Shallow Water Northeast ('59)	12-20S-33W		no report	14,345			Morrowan	4,672	23
Pools and fields abandoned				33,234			Marmaton	4,286	25
Total Scott County		800	67,115	2,715,035	20	1	Mississippian	4,660	16
							Ste. Gen.	4,670	5
							Cherokee	4,432	5
SEDGWICK COUNTY									
Bartholomew ('48)	30-27S- 4W	1,560	38,486	3,400,673	23	5	Kansas City	3,270	10
Also in Kingman County							Mississippian	3,732	25
Brumley ('55)	19-29S- 1E	120	8,273	144,051	3	0	Lans. -K. C.	2,863	2
Buzzi ('58)	32-25S- 1E	280	32,633	359,285	7	0	Mississippian	3,352	8
Cannonball ('63)	24-27S- 2W	80	2,622	20,134	2	0	Simpson	3,754	1
Chambers ('48)	10-29S- 2W	120	5,410	148,862	3	0	Hunton	3,436	5
							Mississippian	3,418	12
							Kansas City	2,916	5
							Mississippian	3,540	4
								4,432	44

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells aband. 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft.	Thick- ness, ft.	Avg. gravity
SEDGWICK COUNTY (concl.)									
Chambers Northeast ('56)	2-29S-2W	200	6,489	185,946	5	1	Mississippian	3,570	5
Cheney ('35)	7-27S-4W	40	10,692	10,692	1	0	Misener	3,990	3
Clearwater ('44)	22-29S-2W	200	7,626	255,343	5	0	Lans.-K. C.	2,913	11
Cross ('29)	27-25S-1W	40	2,778	145,343	1	0	Lans.-K. C.	2,690	40
Curry ('47)	11-27S-1W	460	25,973	947,566	17	0	Hunton	3,574	5
							Lans.-K. C.	2,715	
DuBois ('37)	3-25S-2E	1,120	102,775	1,903,353	44	2	Viola	3,400	
Also in Harvey County							"Burgess"	3,830	8
Eastborough ('29)	19-27S-2E	620	17,019	9,379,264	9	9	"Chat"	2,956	
							Viola	3,238	
Eastborough North ('52)	8-27S-2E	40	974	48,211	1	0	Arbuckle	3,376	25
Erdwien ('62)	26-25S-2E	300	10,482	78,031	6	2	"Burgess"	2,820	9
Fairview ('48)	8-26S-2E	120	3,850	504,216	3	0	Lans.-K. C.	2,500	44
							"Burgess"	2,960	2
							Mississippian	2,991	4
Fairview Northeast ('59)	4-26S-2E	580	21,745	295,172	15	2	"Burgess"	2,904	7
							Mississippian	2,860	3
Furley ('58)	10-25S-2E	300	2,953	177,661	14	0	"Burgess"	2,857	13
Gehring-Rick ('52)	16-28S-2E		no report	33,577	2	2	Mississippian	2,950	40
Gillian ('61)	33-29S-1W	480	234,956	670,386	16	1	Simpson	3,724	7
Gladys ('54)	30-28S-1E	37,100	951,897	14,192,239	225	6	Lans.-K. C.	2,773	9
							Mississippian	3,176	44
Gladys Southeast ('55)	4-29S-1E	40	no runs	20,507	1	0	Mississippian	3,150	15
Golden ('63)	34-25S-2E	200	14,352	36,337	5	0	"Burgess"	2,834	44
							Mississippian	2,881	44
Goodrich ('28)	16-25S-1E	820	45,154	5,675,886	27	3	Lans.-K. C.	2,614	2
							"Chat"	3,010	16
							Kinderhookian	3,334	
Greenwich ('29)	14-26S-2E	1,460	63,175	13,483,177	35	6	Arbuckle	3,339	3
							"Chat"	2,885	3
							Viola	3,321	5
Hohn ('45)	22-27S-1W		no report	158,590			Lans.-K. C.	2,779	5
Kuske ('29)	24-25S-1E	200	5,789	1,098,222	5	1	"Burgess"	3,016	1
Latta North ('56)	33-29S-2W	40	2,224	35,622	1	0	Lans.-K. C.	3,117	5

Luening ('51)	33-26S- 2E	40	1,722	37,262	1	0	Simpson	3,338	8	37
Minneha ('51)	11-27S- 2E		no report	80,866			Arbuckle	3,247	4	34
Minneha North ('60)	2-27S- 2E	120	4,677	48,341	2	0	Simpson	3,258	25	
Minneha West ('65)	15-27S- 2E	40	488	915	1	0	Arbuckle	3,285	7	40
Neuman ('57)	11-25S- 2E	200	5,317	119,198	6	0	"Burgess"	3,219	4	37
O. S. A. ('62)	10-29S- 1W	1,440	345,238	841,748	36	0	Mississippian	2,784	2	
Petrie ('45)	36-26S- 1W	40	9,736	222,184	1	0	Simpson	3,734	17	
Robbins ('29)	20-28S- 1E	620	101,160	5,816,367	37	1	Viola	3,387	1	
Schulte South ('55)	18-28S- 1W	120	9,276	45,816	3	0	Mississippian	3,090	12	39
Ulmer South ('59)	33-25S- 2E	240	9,273	199,081	6	0	Mississippian	3,390	11	
Valley Center ('28)	1-26S- 1W	920	54,684	22,682,803	25	1	"Burgess"	2,917	4	38
White Cotton ('48)	30-26S- 2E	320	6,796	700,993	7	2	Lans.-K. C.	2,860		
Wichita ('57)	4-27S- 1E	880	121,453	2,304,359	29	7	Kinderhookian	3,280	2	
Miscellaneous			no report	431,450		4	Viola	3,366	2	
Pools and fields abandoned							"Burgess"	2,957	2	
Total Sedgwick County		51,500	2,292,587	86,946,199	632	55	Viola	3,325	4	

SEWARD COUNTY

Adamson ('58)	11-34S-34W	120	2,008	11,875	3	0	Chesteran	6,064		
Ang ('61)	3-32S-33W	80	11,103	59,588	2	0	Mississippian	5,650	2	35
Ang North ('62)	34-31S-33W	80	8,072	77,006	2	0	Desmoinesian	4,924	2	38
Arkalon ('60)	36-33S-32W	560	7,642	19,030	16	0	Chesteran	5,710		
Arkalon West ('63)	29-33S-32W	120	3,415	8,932	3	0	Morrowan	5,546		
Blue Bell Northwest ('54)	20-34S-31W	40	no runs	124	1	0	Mississippian	5,947		
Cutter ('61)	1-31S-35W		Included with Stevens County			0	Marmaton	4,778	27	37
Also in Haskell and Stevens counties							Morrowan	5,200	2	41
Evalyn-Condit ('60)	15-33S-33W	1,280	214,875	807,433	30	1	Mississippian	5,454	16	
Hawks ('52)	18-35S-31W		no report	2,467			Morrowan	5,685	4	
Holt ('54)	28-32S-34W	40	186	1,518	1	0	Mississippian	5,822	10	37
							Morrowan	5,927		
							Shawnee	4,180		

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and Year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells aband. 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft.	Thick- ness, ft.	Avg. gravity
SEWARD COUNTY (concl.)										
Kismet ('48) Also in Meade County	23-33S-31W	1,480	560,303	4,810,824	47	0	Toronto Lans.-K. C. Marmaton Morrowan	4,864 5,095 5,576	34 38	
Kneeland ('51)	23-34S-31W	80	3,217	15,943	2	0	Mississippian Marmaton Cherokee	5,771 5,332 5,336	14 41	5 6 6
Liberal-Light ('51)	11-35S-32W	280	124	246,233	7	0	Mississippian Lans.-K. C. Morrowan	5,691 5,103 6,005	6 40	
Liberal Southeast ('47)	15-35S-33W		no report	119,922			Morrowan	6,202		
Massoni ('55)	5-33S-31W	320	19,474	57,285	8	0	Marmaton	5,031	10	38
Massoni East ('66)	2-33S-31W	40	5,852	5,852	1	0	St. Louis	5,903	4	28
Plains West ('56)	16-32S-31W		no report	2,139			Morrowan	5,600	14	
Shuck ('55)	20-33S-34W	160	3,913	14,752	4	0	Morrowan	5,987		
Thirty-One ('53)	18-31S-31W	40	146	4,041	1	0	Mississippian	6,038	13	
Thirty-Two ('60)	1-32S-32W	40	336	3,606	1	0	Morrowan	5,448		
Three Star ('58)	17-35S-32W	240	1,544	10,552	6	0	Lans.-K. C. Morrowan	5,499 4,546		
Victory ('60) Also in Haskell County	34-30S-33W	80	4,367	4,367	1	0	Morrowan Chesteran	5,866 6,089		
Wide Awake ('54)	4-35S-34W	520	207,797	359,334	13	1	Lansing Marmaton Morrowan	4,126 4,750 5,245	10 79	
Miscellaneous			no report			1	Mississippian Toronto Mississippian	5,378 4,356 6,168	7	30
Total Seward County		5,520	1,058,461	6,646,910	132	2				
SHERIDAN COUNTY										
Adell ('44)	11-6S-27W	1,900	204,196	6,368,135	49	2	Lans.-K. C.	3,755	4	42

Advance ('56)	26- 8S-27W	40	3, 202	85, 375	1	0	Lans. -K. C.	3, 893	9	41
Custer ('55)	12-10S-26W	120	18, 532	133, 924	3	0	Lans. -K. C.	4, 024	5	39
Custer Northwest ('59)	2-10S-26W		no report	22, 775			Lansing	3, 849	3	42
George ('52)	17- 9S-26W	120	3, 871	129, 942	3	0	Lans. -K. C.	4, 023	11	31
George Southwest ('58)	18- 9S-26W	80	5, 733	57, 384	2	0	Lansing	3, 860	10	29
Hortonville ('53)	20- 6S-26W	80	5, 981	113, 014	2	0	Lans. -K. C.	3, 789	23	29
Hoxie ('56)	6- 9S-28W	240	22, 444	324, 974	6	0	Toronto	3, 810	6	
Hoxie East ('65)	6- 9S-28W	40	1, 402	1, 402	1	0	Lans. -K. C.	3, 901	3	
Lindenman West ('65)	31- 6S-25W	80	22, 518	22, 518	2	0	Lans. -K. C.	3, 824	47	
Also in Graham County							Lans. -K. C.	3, 677	170	
Lucerne ('66)	22- 6S-26W		no report	575	2	0	Lansing	3, 751	3	39
Minium ('64)	4- 9S-26W		no report				Lansing	3, 718	12	
Parnell ('59)	30- 7S-29W		no report	1, 060			Lansing	3, 972	6	28
Studley ('43)	23- 8S-26W	300	14, 023	694, 536	6	0	Lans. -K. C.	3, 810	9	47
Studley Southeast ('55)	26- 8S-26W	40	6, 158	46, 801	1	0	Lans. -K. C.	3, 872	8	37
Studley Southwest ('45)	32- 8S-26W	20	4, 842	125, 333	1	0	Lansing	3, 645		
(revived)										
Vahling ('66)	24- 6S-26W	20	4, 907	4, 907	2	0	Lansing	3, 760	8	34
Wessel North ('53)	16- 6S-29W	80	3, 989	79, 167	2	0	Lans. -K. C.	4, 081	4	
Pools and fields abandoned				118, 999						
Total Sheridan County		3, 160	321, 798	8, 330, 821	81	2				
SHERMAN COUNTY										
Llanos ('58)	10- 6S-37W	300	19, 402	542, 026	7	1	Cherokee	4, 804	8	22
Total Sherman County		300	19, 402	542, 026	7	1				
STAFFORD COUNTY										
Ahnert ('41)	26-22S-13W	80	2, 516	51, 931	2	0	Simpson	3, 758	4	38
Albano ('57)	12-25S-14W	120	22, 782	127, 200	3	0	Arbuckle	3, 754	6	
							Lans. -K. C.	3, 812	6	
							Mississippian			
							Viola	4, 099	16	
Albano South ('65)	13-25S-14W	40	10, 955	13, 267	1	0	Arbuckle	4, 270	10	34
Bart-Staff ('51)	4-21S-14W	260	25, 939	429, 333	5	0	Arbuckle	4, 261	5	
Also in Barton County							Lans. -K. C.			
							Arbuckle	3, 572		40

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T. R.	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abd., 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
STAFFORD COUNTY (cont.)										
Bayer ('51)	16-21S-14W	500	44,502	805,577	11	0	Lans.-K. C. Viola	3,543	4	31
Bayer West ('65)	30-21S-14W	80	18,937	27,640	2	0	Simpson	3,702	10	
Bedford ('40)	21-23S-12W	360	31,626	1,964,855	9	0	Arbuckle	3,736	13	
Besthorn ('56)	9-22S-13W		no report				Arbuckle	3,778	4	30
Bronn ('54)	19-23S-13W	500	23,356	452,091	8	0	Lans.-K. C.	3,471	4	30
Brock ('44)	12-23S-12W	240	16,515	455,981	6	0	Lans.-K. C.	3,832	16	
Bunyan ('65)	18-25S-12W	40	2,344	2,831	1	0	Arbuckle	3,859	9	36
Byron ('43)	4-21S-12W	40	5,514	44,567	1	0	Lans.-K. C.	3,574	8	
(revived)							Lans.-K. C.	3,651	6	33
Centerview ('54)	28-24S-13W	360	13,458	422,106	10	0	Arbuckle	3,366	14	
Cephas ('53)	10-25S-14W	320	19,306	535,143	8	0	Arbuckle	3,680	4	20
Cephas North ('54)	35-24S-14W	80	1,690	43,449	2	0	Lans.-K. C.	3,616	9	
Chase-Silica ('30)	32-19S-9W	580	25,451	670,766	15	1	Arbuckle	3,444	9	
Also in Rice County							Mississippian	3,834	6	
Cleveland ('53)	21-23S-14W		no report	41,013			Arbuckle	4,188	5	
Cline ('58)	25-24S-13W		no report	48,990			Lans.-K. C.	3,701	5	
Crissman ('52)	16-23S-14W	320	10,040	394,279	8	1	Lans.-K. C.	4,088	20	40
Curtis ('42)	6-22S-13W	620	43,526	1,773,775	19	2	Viola	4,114	8	38
Dell ('50)	7-21S-13W	80	3,486	139,492	2	0	Lans.-K. C.	3,794	9	35
Dell East ('51)	5-21S-13W	320	37,011	854,132	14	0	Arbuckle	3,383	10	40
Dell Northeast ('51)	5-21S-13W	40	456	47,393	1	4	Lans.-K. C.	3,690	7	
							Arbuckle	3,594	3	
							Lans.-K. C.	3,664	8	34
							Simpson	3,984	16	
							Arbuckle	4,006	6	
							Lans.-K. C.	3,514	7	30
							Arbuckle	3,693		
							Lans.-K. C.	3,446	13	30
							Lans.-K. C.	3,471	8	36
							Penn. cong.	3,545	8	
							Arbuckle			
							Lans.-K. C.	3,438	3	
							Arbuckle	3,612	3	

Dillwin ('56)	16-24S-14W	520	34, 545	1, 218, 332	14	1	Lans., -K. C.	3, 668	18
							Mississippian	4, 054	20
							Arbuckle	4, 295	6
Drach ('37)	12-22S-13W	1, 420	106, 553	7, 981, 297	34	2	Simpson	3, 642	5
							Arbuckle	3, 690	12
Emerson ('57)	29-25S-14W	80	2, 102	38, 654	2	0	Lans., -K. C.	3, 905	10
Emerson South ('62)	32-25S-14W	80	2, 003	8, 793	2	0	Lans., -K. C.	3, 791	4
Farmington ('43)	34-24S-15W	120	4, 267	1, 292, 240	3	0	Lans., -K. C.	3, 769	39
							Kinderhookian	4, 378	6
							Simpson	4, 417	16
Farmington North ('56)	23-24S-15W		no report				Arbuckle	4, 227	12
Farmington Northeast ('55)	26-24S-15W	200	9, 025	198, 408	5	1	Viola	4, 416	12
Farmington Northwest ('56)	29-24S-15W	40	1, 694	49, 714	1	0	Arbuckle	3, 904	8
							Lans., -K. C.	4, 272	10
Flora ('62)	36-21S-11W	120	11, 623	65, 392	3	0	Kinderhookian	3, 309	2
							Lans., -K. C.	3, 393	49
							Penn. congl.	3, 499	7
Frey ('50)	7-21S-14W	200	15, 908	1, 082, 340	5	2	Arbuckle	3, 717	7
Gates ('33)	27-21S-13W	6, 420	427, 371	16, 438, 778	166	3	Arbuckle	3, 530	38
							Lans., -K. C.	3, 643	
							Penn. congl.	3, 635	
							Viola	3, 679	37
German Valley ('51)	4-22S-12W	120	8, 927	116, 950	3	1	Arbuckle	3, 294	41
							Lans., -K. C.	3, 541	2
							Viola	3, 635	2
							Arbuckle	3, 642	10
Glasscock ('58)	32-24S-13W	320	44, 987	388, 603	7	0	Lans., -K. C.	3, 651	6
Glen ('54)	14-23S-14W	80	5, 874	125, 136	2	1	Lans., -K. C.	3, 672	30
Gray ('46)	11-24S-13W	80	1, 858	74, 093	2	0	Lans., -K. C.	3, 788	22
Green Ridge ('53)	30-23S-14W	400	33, 018	262, 102	9	0	Lans., -K. C.	3, 945	15
							Viola	4, 173	32
Grunder ('58)	11-25S-15W	480	14, 735	327, 736	14	1	Lans., -K. C.	4, 424	4
							Mississippian	3, 658	8
H A H ('58)	17-24S-13W	40	no runs	23, 995	1	0	Arbuckle	3, 828	5
Hahn ('53)	21-22S-13W	80	3, 187	36, 792	2	0	Lans., -K. C.	3, 609	65
Hahn East ('57)	22-22S-13W	120	6, 370	23, 841	3	0	Arbuckle	3, 878	6
Halley ('64)	33-24S-13W	40	3, 779	16, 570	1	0	Lans., -K. C.	3, 924	15
Halley East ('66)	34-24S-13W	10	12, 712	121, 712	3	0	Kansas City	3, 430	60
Hammond ('57)	9-25S-14W	120	3, 364	122, 375	3	0	Lans., -K. C.	3, 810	9
Happy Valley ('52)	15-23S-13W	40	2, 625	76, 508	1	0	Lans., -K. C.		
							Arbuckle		

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft	Thickness, ft	Avg. gravity
STAFFORD COUNTY (cont.)									
Hart ('49)	36-22S-14W	120	28,578	74,001	4	0	Lans.-K.C. Arbuckle	3,453	4
Harter ('50)	30-24S-13W	40	12,069	180,035	1	0	Lans.-K.C. Simpson Arbuckle	3,767 4,167 4,181	39 34
Harter North ('56)	19-24S-13W	80	2,563	79,116	2	0	Lans.-K.C.	3,785	5
Haynes ('59)	22-25S-15W	520	29,452	320,372	13	1	Lansing Mississippian	3,784 4,232	3 9
Haynes East ('60)	23-25S-15W		10,589	36,847	2	0	Kansas City Mississippian	3,942 4,254	5 16
Haynes Southwest ('59)	27-25S-15W		no report	186		0	Cherokee	4,254	
Hazel ('42)	21-21S-13W	360	45,886	1,161,273	8	8	Lans.-K.C. Arbuckle	3,380 3,892	30 37
Hazel West ('50)	20-21S-13W	860	83,498	1,893,890	31	2	Lans.-K.C. Arbuckle	3,488 3,673	6 5
Heyen ('43)	24-22S-12W	480	29,631	1,130,221	16	0	Lans.-K.C. Viola Arbuckle	3,321 3,532 3,652	12 6 2
Hickman ('51)	27-21S-14W	460	33,999	1,247,336	18	1	Lans.-K.C. Simpson	3,522 6	10 24
Hickman South ('52)	34-21S-14W	40	3,365	70,199	1	0	Lans.-K.C.	3,567	8
Hickman West ('59)	33-21S-14W	200	15,887	231,994	5	0	Lansing	3,419	5
Hiss South ('50)	31-20S-13W	80	22,134	22,134	2	0	Lans.-K.C. Arbuckle	3,476 3,542	24 1
Also in Barton County									
Hudson South ('61)	4-23S-12W	40	no runs	4,248	1	0	Viola	3,602	23
Jordan ('36)	15-25S-14W	380	31,641	1,333,964	11	0	Lans.-K.C.	3,722	5
Kachelman ('50)	7-25S-13W	200	5,264	146,786	4	0	Lans.-K.C. Viola Arbuckle	3,946 4,075 4,294	33 33 5
Keeley ('59)	5-21S-14W	40	1,488	28,835	1	0	Lansing	3,322	5
Keenan ('57)	20-22S-13W	160	6,891	57,670	4	1	Lans.-K.C.	3,572	6
Kelly West ('59)	34-23S-12W	40	1,395	22,667	1	0	Lansing	3,396	6
Kenilworth ('47)	15-22S-13W	860	93,234	956,017	23	1	Lans.-K.C. Arbuckle	3,505 3,808	34 34
Kennil ('54)	4-23S-13W		no report	1,012			Arbuckle	3,860	

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing wells	Wells abandoned, 1966	Producing zone			
			During 1966	To end of 1966			Name	Depth, ft.	Thick. in. or less, ft.	Avg. gravity
STAFFORD COUNTY (cont.)										
Macksville East ('54)	14-24S-15W	280	7, 273	138, 907	5	1	Viola	4, 126	20	37
							Simpson	4, 058	7	
Macksville Townsite ('61)	15-24S-15W		no report				Arbuckle	4, 091	4	
Max ('38)	35-21S-12W	4, 120	208, 436	9, 872, 826	88	6	Simpson	4, 153	10	35
							Lans.-K. C.	3, 356	16	35
							Simpson	3, 515	2	
Max East ('61)	6-22S-11W		no report	944			Arbuckle	3, 570	7	
Max North ('55)	26-21S-12W	240	15, 699	127, 809	6	0	Arbuckle	3, 551	17	30
							Lans.-K. C.	3, 507	3	47
							Penn. congl.	3, 590		
Merle ('49)	32-23S-13W	320	25, 739	404, 279	8	2	Arbuckle	3, 669	10	34
Mershon ('63)	16-24S-12W		no report	2, 916		1	Viola	3, 895	29	38
Moody ('56)	7-25S-14W	900	91, 104	1, 232, 209	23	0	Mississippian	4, 168	14	
Mopac ('54)	30-24S-11W	200	28, 673	308, 018	5	0	Viola	3, 908	5	
Mt. View ('52)	29-22S-13W	120	17, 679	262, 060	3	0	Lans.-K. C.	3, 641	8	36
							Arbuckle	3, 858		
Mueller ('38)	29-21S-12W	4, 920	390, 409	9, 995, 739	106	1	Lans.-K. C.	3, 356		
							Arbuckle	3, 594	8	36
Nellie East ('60)	27-22S-14W	80	11, 117	77, 599	2	0	Lans.-K. C.	3, 503	7	30
Neola ('48)	15-25S-11W		no report	54, 224			Viola	3, 921	4	40
Newell ('53)	7-25S-11W	120	5, 651	137, 014	3	0	Lans.-K. C.	3, 537	3	36
							Viola	3, 913	3	
North Star ('52)	27-24S-12W	80	9, 948	392, 652	2	0	Viola	3, 915	16	40
							Simpson	4, 063	9	
North Star North ('53)	21-24S-12W	80	7, 385	44, 683	2	0	Lans.-K. C.		83	
							Viola		2	
O'Connor ('48)	8-24S-15W		no report	34, 699			Arbuckle	4, 101		40
							Lans.-K. C.	3, 768	11	29
Omlor ('57)	10-22S-14W	120	9, 738	136, 103	3	0	Simpson	4, 022	23	31
Oscar ('49)	24-22S-14W	80	6, 609	241, 360	2	2	Lans.-K. C.	3, 550	9	35
							Lans.-K. C.	3, 503		35
							Viola	3, 777	7	
Oscar North ('51)	14-22S-14W	480	53, 019	1, 169, 517	12	0	Arbuckle	3, 798	9	35
							Arbuckle	3, 780	3	

Oscar South ('53)	26-22S-14W	400	5,749	244,277	6	0	Lans.-K. C. Arbuckle	3,580	32
Oscar West ('52)	22-22S-14W	940	158,343	1,807,877	23	1	Lans.-K. C.	3,817	2
Pleasant Grove ('52)	26-22S-12W	280	4,008	227,715	7	0	Lans.-K. C.	3,593	8
Pleasant Grove South ('55)	35-22S-12W	40	no runs	93	1	0	Arbuckle	3,462	8
Praeger ('59)	1-25S-15W	360	4,737	212,206	9	2	Mississippian Arbuckle	4,209	5
Prairie Home ('49)	2-21S-13W	160	10,505	34,609	4	0	Lans.-K. C. Arbuckle	4,392	6
Pritchard ('44)	34-20S-14W	240	10,231	464,596	6	2	Lans.-K. C. Arbuckle	3,372	86
Also in Barton County									
Pundsack ('47)	19-21S-13W	1,400	70,971	2,430,149	30	0	Lans.-K. C. Arbuckle	3,483	4
Pundsack North ('50)	18-21S-13W	80	5,157	190,058	2	0	Lans.-K. C. Arbuckle	3,579	8
Radium Township ('53)	5-22S-14W	640	84,565	1,219,865	16	0	Lans.-K. C. Viola Simpson Arbuckle	3,735	8
Radium Township West ('63)	6-22S-14W	40	no runs	1,794	1	0	Lans.-K. C.	3,674	7
Radke East ('54)	24-23S-14W	40	893	24,216	1	0	Lans.-K. C.	3,584	6
Rattlesnake ('38)	13-24S-14W	120	no report	239,020			Lans.-K. C.	3,754	12
Rattlesnake East ('56)	7-24S-13W	120	14,606	215,500	3	0	Lans.-K. C. Mississippian	3,820	6
Rattlesnake North ('59)	2-24S-14W	40	no runs	8,563	1	0	Penn. congl.	3,852	20
Rattlesnake Southeast ('54)	13-24S-14W	500	19,012	410,557	12		Lans.-K. C.	3,476	6
Rattlesnake Southwest ('50)	14-24S-14W	40	2,739	153,777	1	0	Lans.-K. C.	3,676	4
Rattlesnake West ('44)	11-24S-14W	120	5,357	234,166	3	0	Lans.-K. C. Mississippian	3,608	48
Richardson ('30)	36-22S-12W	1,900	228,245	16,340,956	60	0	Lans.-K. C. Arbuckle	3,594	6
Roach ('40)	12-22S-14W		no report				Lansing	3,880	4
(revived)								3,964	18
Rolling Green East ('49)	30-20S-12W	40	906	15,020	1	0	Arbuckle	3,758	6
Also in Barton County								3,936	6
Rose Valley ('52)	36-25S-13W	40	no runs	55,278	1	1	Lans.-K. C. Viola	3,760	35
Rothgarn Southeast ('50)	14-21S-13W	160	7,052	322,761	4	0	Lans.-K. C. Arbuckle	3,759	7
Rugan ('61)	2-21S-11W	80	3,615	37,315	2	0	Mississippian Lans.-K. C. Arbuckle	4,025	37
							Penn. congl.	3,264	42
							Arbuckle	3,537	62
							Lansing	3,500	2
							Arbuckle	3,491	6
							Lans.-K. C.	3,824	6
							Viola	4,137	13
							Lans.-K. C.	3,378	37
							Arbuckle	3,544	7
							Penn. congl.		
							Arbuckle	3,374	4
								47	

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Producing wells	Wells aband. 1966	Producing zone	
			During 1966	To end of 1966			Depth, ft.	Thick- ness, ft.	Avg. gravity
STAFFORD COUNTY (cont.)								
Rychie ('63)	14-21S-14W	80	3,905	34,697	2	0	Arbuckle	3,734 3 36
St. John ('35)	23-24S-13W	740	29,995	3,198,696	14	1	Lans.-K. C. Arbuckle	3,588 32 38 4,075 12
St. John Northwest ('52)	20-23S-13W	320	8,925	249,136	11	0	Lans.-K. C. Arbuckle	3,644 6 33 3,956
St. John Townsite ('44)	33-23S-13W	120	4,702	511,620	3	0	Lans.-K. C. Arbuckle	3,919 5
Salt Marsh ('48)	32-21S-11W	80	1,950	22,640	2	1	Lans.-K. C. Arbuckle	3,132 220 26
Sand Hills ('44)	19-21S-11W	740	44,172	703,789	14	2	Lans.-K. C. Viola	3,189 6 3,434 8 50
							Simpson	3,481 5
Sandago ('47)	12-21S-12W		no report	247,757	2	2	Arbuckle	3,548 10
Saterlee ('54)	31-24S-14W	120	15,418	198,755	2	0	Arbuckle Penn. congl. Mississippian	3,480 9 32 4,166 13 36 4,172 6 35
Saundra ('46)	14-21S-12W	760	42,327	644,610	22	1	Arbuckle Lans.-K. C.	4,385 4 3,282 37
Schmalian ('66)	23-21S-13W	10	317	317	1	0	Arbuckle	3,546 18
Seevers ('54)	6-25S-13W	160	32,714	221,270	4	0	Lans.-K. C.	3,461 6 31
Seevers Northwest ('56)	6-25S-13W	840	184,018	2,070,000	38	5	Lans.-K. C. Mississippian	3,893 49 30 3,826 3 4,042 8
Setser ('66)	9-21S-12W	20	6,517	6,517	2	0	Arbuckle	4,192 4 30
Shaeffer-Rothgarn ('41) Also in Barton County	3-21S-13W	1,860	108,075	2,795,982	45	1	Arbuckle Lans.-K. C. Penn. congl. Simpson	3,489 6 39 3,404 40 3,519 3,536
Shepherd ('51)	16-22S-11W	240	7,012	396,495	6	0	Arbuckle	3,546 4
Shepherd North ('54)	9-22S-11W	160	30,308	168,811	4	0	Arbuckle Lans.-K. C. Penn. congl. Simpson	3,548 35 40 3,297 5 40 3,446 8 3,426 2
							Arbuckle	3,519 3 39

Shepherd Northwest ('56)	8-22S-11W	40	no runs	45,452	1	0	Simpson	3,528	8	40
Silver Bell ('49)	10-22S-13W	400	38,267	317,422	10	0	Lans.-K.C.	3,516	12	30
Sittner ('37)	33-21S-12W	160	8,506	906,930	4	0	Arbuckle	3,774	11	38
Slade South ('61)	35-25S-12W	200	13,785	127,978	5	0	Lans.-K.C.	3,278	36	38
Sleeper ('51) Also in Pratt County	22-22S-11W	40	406	16,266	1	1	Arbuckle	3,600	9	
							Viola	4,048	27	39
Sleeper South ('62)	34-22S-11W	80	5,131	59,936	2	0	Penn. congl.	3,581	9	
Smallwood ('51)	2-22S-14W	760	45,457	1,281,891	18	3	Arbuckle	3,645	4	39
Snider ('36)	3-21S-11W	1,280	130,473	1,387,378	31	0	Lans.-K.C.	3,474	29	32
							Arbuckle	3,576	11	
							Penn. congl.			
Snider South ('38)	16-21S-11W	1,200	205,576	2,906,657	29	0	Simpson	3,362	26	43
							Arbuckle	3,338		
							Penn. congl.	3,402	6	34
							Simpson			
Snider Southeast ('66)	14-21S-11W	10	7,643	7,643	1	0	Arbuckle	3,106	4	39
Soden ('64)	23-23S-13W		no report			1	Lans.-K.C.			
Spangenberg ('43)	21-22S-12W		no report	84,508			Arbuckle	3,691	6	37
Spangenberg South ('62)	27-22S-12W	200	6,639	36,400	5	0	Arbuckle	3,685	3	35
Stafford ('40)	15-24S-12W	160	4,116	3,762,340	4	0	Viola	3,836	14	41
Steve ('60)	24-21S-12W		no report	2,135			Arbuckle	3,945	10	
							Penn. congl.	3,501	4	48
Strobel ('52)	9-22S-14W	160	5,744	243,406	4	0	Arbuckle	3,556	23	35
							Lans.-K.C.	3,659	4	37
							Simpson			
Strobel Northwest ('52)	8-22S-14W	40	803	60,165	1	0	Arbuckle	3,864	8	
							Simpson	3,852	2	
Suiter ('62)	27-24S-15W	40	1,893	14,893	1	0	Arbuckle	3,874		
Sutton ('54)	21-22S-14W	160	6,061	104,070	4	0	Viola	4,154	6	28
Syms Southeast ('52)	27-21S-12W	320	33,637	187,672	8	0	Lans.-K.C.	3,638	3	34
							Lansing	3,355	41	
							Arbuckle	3,565	5	
Taylor ('52)	15-21S-14W	80	11,984	206,664	2	0	Lans.-K.C.	3,482	5	
							Viola	3,690	10	
							Simpson	3,688	4	36
Taylor Northeast ('57)	11-21S-14W	380	63,486	681,204	13	0	Lans.-K.C.	3,462	6	
Vanhoozer ('64)	36-23S-14W	40	1,488	5,960	1	0	Lansing	3,602	2	
Van Lieu East ('60)	21-24S-13W	40	no runs	19,777	1	0	Arbuckle	4,072	2	37

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abd., 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft	Avg. gravity
STAFFORD COUNTY (concl.)										
Van Winkle Southeast ('50)	26-21S-14W	40	2,345	125,087	1	0	Lans.-K. C.	3,569	8	31
Yogel ('57)	10-25S-11W	120	4,019	90,944	3	0	Lans.-K. C.	3,442	7	35
Waters ('58)	33-24S-14W	80	1,273	12,025	2	1	Lans.-K. C.		34	
Widener ('54)	26-21S-12W	400	21,568	351,532	11	0	Kinderhookian	4,153	4	37
Wil ('57)	26-25S-16W	100	2,709	125,585	4	3	Arbuckle	3,574	7	41
Also in Edwards County							Kinderhookian	4,324		
Wolf ('66)	3-21S-12W	20	15,288	15,288	2	0	Lansing	3,251	3	26
Wood ('53)	33-22S-14W	120	2,693	96,960	3	0	Arbuckle	3,473	11	31
Zenith-Peace Creek ('37)	23-24S-11W	5,000	141,574	41,772,029	80	0	Lans.-K. C.	3,693	12	28
Also in Reno County							Lans.-K. C.	3,481		
Miscellaneous Pools and fields abandoned			no report			2	Viola	3,860		41
Total Stafford County		64,310	4,902,777	176,289,570	1,596	75				
STANTON COUNTY										
Beauchamp ('59)	23-30S-41W	160	2,471	20,186	4	0	Mississippian	5,337	6	39
Shore ('59)	22-30S-40W	40	11,122	96,361	1	0	Penn. congl.	2,963		
Sparks ('54)	34-30S-42W	320	1,697	51,389	8	0	Mississippian	5,316	49	45
Also in Morton County							Morrowan	5,254		
Total Stanton County		520	15,290	167,936	13	0				
STEVENS COUNTY										
Center ('62)	33S-37W	80	5,126	52,192	2	0	St. Louis	6,562		
Also in Seward County										
Cutter ('61)	1-31S-35W	600	225,885	1,386,224	15	0	Marmaton	4,778	27	37
Also in Haskell and Seward counties							Morrowan	5,200	2	41
							Mississippian	5,454	16	

Cutter South ('61)	27-31S-35W	400	46,875	362,639	5	0	Mississippian	5,780	31	41
Gooch ('63)	8-35S-35W	400	123,560	270,998	10	0	Morrowan	5,926	26	
Hanke ('56)	6-35S-36W	40	30	139	1	0	Mississippian	6,355	23	
Perrill ('59)	7-31S-37W	120	3,221	33,143	3	0	Morrowan	5,326		
Voorhees ('64)	13-34S-37W	120	40,657	83,149	3	0	St. Louis	6,734	22	
Walkemeyer ('59)	38-33S-36W	600	3,693	15,056	5	0	Morrowan	6,145		
Total Stevens County		2,360	449,047	2,201,540	41	0				
SUMNER COUNTY										
Anson ('48)	35-30S-2W	700	42,416	1,141,401	25	0	Lans.-K. C.	3,264		
Anson Southeast ('58)	12-31S-2W	1,040	186,293	1,572,242	26	0	Mississippian	3,742	13	
Ashton ('54)	19-34S-2E		no report	56,112			Lans.-K. C.	3,738	14	
Ashton Northwest ('59)	13-34S-1E	160	26,785	141,110	4	0	"Cleveland"	3,210	22	34
Attebery ('59)	20-33S-1W	40	no runs	60,827	1	0	Mississippian	3,584	12	
Badger Creek ('58)	1-34S-1E	80	5,886	78,878	2	0	Simpson	4,282	4	45
Bates ('66)	31-30S-1W	80	56,553	56,553	9	0	Simpson	3,966	6	
Beatie ('56)	21-31S-2W	40	no runs	18,929	1	0	Mississippian	3,737	6	42
Belle Plaine ('65)	35-30S-1E	120	37,773	48,172	3	0	Simpson	4,189	3	
Bellman ('45)	15-30S-1E	160	11,724	448,989	4	0	Kansas City	2,716	18	44
Bellman West ('57)	16-30S-1E		no report	19,874			Simpson	3,614	4	44
Bitter Creek ('53)	1-35S-1E	300	13,282	498,436	10	0	Simpson	3,798	5	49
							"Stalnak"	3,801	9	
							Cherokee	2,353	13	
							Mississippian	3,342	10	
Caldwell ('29)	17-35S-3W	80	4,791	1,719,565	2	0	Cherokee	3,500	15	37
Churchill ('26)	25-31S-2E	900	25,620	20,178,003	18	0	Mississippian	4,408	8	
							Simpson	4,765	19	
							"Stalnak"	1,820	25	
							Layton	1,874	1	
							Arbuckle	2,632	24	
Cole ('60)	24-31S-4W	120	930	158,993	3	4	Simpson	4,403	4	47
Conway Springs ('59)	5-31S-3W	440	427,078	1,391,498	11	0	Simpson	4,370	6	42
Crowe ('58)	10-35S-1W		no report	3,302			Layton	3,245	5	
Dickson ('64)	3-31S-3W	80	26,816	45,053	2	0	Kansas City	3,341	8	
Duncan ('63)	18-30S-2W	40	4,928	25,068	1	0	Kansas City	3,102	2	39
Fall Creek ('50)	3-35S-3W	640	54,722	2,998,519	26	0	Lans.-K. C.	3,608	13	39
							Mississippian	4,282	10	
							Simpson	4,746	50	46

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1966	Name	Producing zone		
			During 1966	To end of 1966				Depth, ft	Thick. new, ft	Avg. gravity
SUMNER COUNTY (cont.)										
Gerberding ('54)	6-34S-4W	80	3,028	144,168	2	0	Simpson	4,710	5	35
Guelph ('51)	6-35S-1E	560	110,098	2,843,583	22	0	Lans.-K. C. Simpson	3,028	45	45
							Arbuckle	3,854	10	
Holman ('60)	26-33S-2E	440	93,102	264,035	11	0	"Bartlesville"	3,969		
							Mississippian	3,311	4	41
Holman West ('63)	27-33S-2E	40	2,454	12,030	1	0	Mississippian	3,304	6	
Horsch ('58)	4-31S-1W	40	2,668	32,660	1	0	Mississippian	3,284	1	
Interchange ('59)	19-32S-1E	120	46,564	276,514	3	0	Mississippian	3,664	8	
Kerschen ('55)	17-31S-3W	580	37,050	903,521	17	0	Simpson	4,053	7	42
							Lans.-K. C.	3,267		
							Mississippian	3,912	10	
Latta ('27)	9-30S-2W	880	39,927	1,955,289	21	0	Lans.-K. C.	3,042	14	
							Mississippian	3,656	12	
Latta Northwest ('56)	5-30S-2W	380	44,152	553,865	11	0	Kansas City	3,172	4	
Lee ('51)	33-32S-2E	240	5,617	187,306	6	0	Mississippian	3,349	8	
McIlhenny ('58)	1-31S-4W	40	1,604	24,073	1	0	Kansas City	3,575	3	
Margaret ('46)	36-32S-2E	40	2,070	137,996	1	0	Arbuckle	3,474		
Markley ('58)	22-30S-1E	300	15,608	472,643	8	0	Simpson	3,809	5	
Mayfield ('57)	19-32S-2W		no report	31,998			Simpson	4,278	5	
Meils ('60)	5-34S-2E	100	1,899	36,538	3	0	"Bartlesville"	3,435	8	
							Mississippian	3,459	9	
Moyer ('58)	12-31S-3W	120	11,200	160,303	4	0	Kansas City	3,344	2	
Moyer Northwest ('59)	2-31S-3W	140	12,277	120,635	5	1	Kansas City	3,173	2	38
Murphy ('33)	7-35S-3E	3,820	269,271	6,901,885	195	5	Layton	2,808		
							"Bartlesville"	3,472	10	
							Lans.-K. C.	3,256	8	
O'Hara ('55)	18-32S-1W	500	30,324	447,999	13	0	Lans.-K. C.			
Olive Branch ('60)	11-33S-3W	240	27,236	279,936	5	0	Lans.-K. C.			
							Simpson	4,444	4	45
Oxford ('27)	14-32S-2E	840	34,289	16,954,630	20	1	"Hoover"	1,930		
							Stalnaker	2,020	16	
							Layton	2,510	20	
							Arbuckle	2,890	5	
							Simpson	3,681		
Oxford West ('26)	17-32S-2E	300	11,967	976,594	8	0	Arbuckle			31

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Padgett ('25)	12-34S-2E	4,920	76,672	3,978,741	65	0	"Cleveland" Marmaton	3,095	8
Perth ('45)	12-33S-2W	320	14,787	1,380,662	6	0	"Bartlesville" Mississippi	3,187	16
Portland ('50)	16-34S-1E	360	17,141	861,386	9	0	Simpson	3,424	40
Portland South ('56)	28-34S-1E	120	10,132	119,059	3	0	Layton	3,744	41
Priddy ('57)	35-33S-1W	80	no runs	104,400	2	0	Simpson	4,264	4
Rainbow Bend ('25)	24-33S-2E	40	1,732	457,236	1	0	Layton	3,030	3
Also in Cowley County									
Reusser ('66)	20-30S-1W	80	6,815	6,815	2	0	Simpson	4,002	5
Reynolds ('61)	9-30S-2E		no report	8,782	1	0	Mississippi	3,160	9
Rusk ('59)	8-32S-1E	120	32,780	229,547	3	0	Simpson	4,007	10
Rutter ('26)	21-33S-2E	400	7,064	278,999	8	0	"Bartlesville" Mississippi	3,268	10
Rutter Northwest ('63)	18-33S-2E	200	29,067	43,950	5	0	Arbuckle	3,283	10
Rutter Southwest ('57)	29-33S-2E	120	36,037	219,301	3	0	Mississippi	3,413	18
Seydell ('58)	17-30S-1E	560	116,545	1,377,895	25	2	Simpson	3,379	5
Slate Creek ('52)	9-33S-2E	40	2,953	67,880	1	0	Arbuckle	3,551	7
Slick-Carson ('24)	19-32S-3E	80	1,173	7,855,961	2	0	Kansas City	2,747	6
Also in Cowley County									
South Haven ('54)	2-35S-1W	200	19,942	567,670	5	0	Mississippi	3,349	2
Sparr ('61)	14-30S-2W	40	920	15,406	1	0	Simpson	3,826	10
Subera ('57)	22-34S-3W		no report	328,581	1	0	Lans.-K. C.	2,804	12
Tate ('38)	31-32S-2E		no report	6,097	2	0	"Bartlesville"	3,124	
Trekkell ('59)	19-31S-1W	280	24,989	126,876	4	0	Simpson	4,189	5
Val Verde ('45)	23-33S-2E	40	1,225	14,016	1	0	Mississippi	3,773	13
Voils ('58)	17-30S-1W	280	35,104	126,138	7	0	Simpson	4,740	4
Voils East ('66)	16-30S-1W		no report		1	0	Mississippi	3,715	9
Walta ('59)	25-33S-4W	320	23,506	244,078	8	1	"Bartlesville" Mississippi	3,280	15
Wellington ('29)	33-31S-1W	3,600	562,607	14,717,436	140	0	Mississippi	3,499	13
Wellington Northeast ('55)	27-31S-1W	300	19,724	658,574	15	2	Simpson	3,563	2
Zyba ('37)	7-30S-1E	440	27,807	744,467	8	0	Simpson	4,502	5
Zyba Southwest ('44)	22-30S-1W	240	16,758	1,789,683	6	0	"Chat"	3,655	11
Miscellaneous			no report				Mississippi	3,659	5
							Simpson	3,866	3
							Simpson	3,918	12
									6

TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing wells	Wells aban- d. 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft	Thick- ness, ft
			SUMNER COUNTY (concl.)						Avg. gravity
SUMNER COUNTY (concl.)									
Pools and fields abandoned				352,790					
Total Sumner County		28,000	2,815,482	93,230,393	836	20			
THOMAS COUNTY									
Mingo ('52)	19- 9S-32W	40	no runs	22,892	1	0	Marmaton	4,414	
Pools and fields abandoned				12,257			Mississippian	4,680	
Total Thomas County		40	0	35,149	1	0			
TREGO COUNTY									
Adair Southwest ('56)	28-12S-21W	40	no runs	12,023	1	0	Marmaton	3,856	10
Bin ('55)	31-11S-22W		no report	4,237			Lansing	3,776	6
Cedar Bluff ('65)	20-14S-22W		no report				Cherokee	4,086	
Cotton ('45)	15-12S-21W	160	8,595	95,400	4	0	Arbuckle	3,958	34
Cotton East ('47)	14-12S-21W	80	6,794	102,312	2	0	Arbuckle	3,942	6
Cotton South ('66)	22-12S-21W	10	613	613	1	0	Arbuckle	3,955	10
De Murry ('65)	3-11S-22W	80	2,951	9,609	2	0	Lansing	3,638	4
Diebolt ('53)	33-10S-23W	560	46,000	864,485	14	0	Marmaton	3,807	
Also in Graham County							Lans.-K. C.	3,779	6
Egger ('58)	12-13S-21W	120	9,257	166,696	3	0	Lans.-K. C.	3,450	6
Ellis ('42)	31-12S-20W	1,360	180,809	1,407,215	35	0	Arbuckle	3,825	3
Also in Ellis County							Lans.-K. C.	3,632	4
Ellis Northwest ('44)	26-12S-21W	140	6,067	296,223	3	0	Arb.-Reagan	3,832	8
Ellis Southwest ('59)	2-13S-21W	40	2,032	23,758	1	0	Arbuckle	3,925	2
F C S ('66)	20-12S-22W		no report		1	0	Arbuckle	3,797	8
Flax ('65)	26-13S-21W	320	21,408	51,564	8	0	Arbuckle	4,100	12
							Marmaton	3,962	20
							Arbuckle	4,008	19
									36

Groff ('52)	26-14S-21W	940	71,016	1,276,954	22	1	Lans.-K.C. Marmaton	3,493	10	36
Homburg ('55)	11-13S-21W	80	2,360	30,852	2	0	Penn. congl.	3,755	17	
Kohl ('62)	11-12S-21W	360	7,728	74,979	9	0	Marmaton Lansing	3,822	10	32
Kuppertz ('65)	4-14S-21W	80	17,967	18,139	2	0	Arbuckle	3,800	10	34
Kutina ('53)	29-15S-21W	280	39,011	425,896	7	0	Lansing	3,694	2	
Kutina West ('65)	24-15S-22W	120	37,149	38,406	3	0	Arbuckle	3,696	72	
Meserve ('65)	18-15S-20W	40	210	210	1	0	Arbuckle	4,052	4	
Mong ('62)	25-11S-23W	80	1,414	36,542	2	0	Cherokee	4,151	40	
Muhlheim ('63)	15-13S-21W	240	25,526	153,368	6	0	Cherokee	4,202	6	40
Newcomer ('56)	12-12S-23W	1,240	73,568	1,668,751	36	0	Penn. congl.	3,928	3	40
Nicholson ('45)	30-11S-20W	160	15,306	317,300	4	0	Lansing	3,620	5	41
Ogallah ('51)	26-12S-22W	3,480	608,087	9,043,553	80	1	Lans.-K.C. Arbuckle	3,524	4	
Ogallah Northwest ('57)	21-12S-22W	40	5,684	23,007	1	0	Lans.-K.C. Arbuckle	3,904	1	
Page Creek ('56)	38-15S-22W	40	1,009	14,468	1	0	Lans.-K.C. Arbuckle	3,733	3	37
Rhoden ('56)	24-12S-23W	200	1,805	143,382	5	0	Lans.-K.C. Arbuckle	3,842	12	34
Ridgeway ('52)	26-12S-21W	280	25,648	430,025	7	1	Lans.-K.C. Arbuckle	3,961	24	38
Riga Northeast ('57)	9-13S-21W	40	124	51,478	1	1	Lans.-K.C. Arbuckle	3,724	3	38
Scanlon ('62)	18-11S-24W	120	9,442	81,738	3	0	Lans.-K.C. Arbuckle	4,093	7	32
Seibel ('64)	6-13S-21W	160	14,239	51,829	4	0	Cherokee	3,764	6	32
Sunny Slope ('52)	21-14S-21W	600	28,770	673,889	9	0	Lans.-K.C. Arbuckle	3,693	13	36
Trico ('51)	30-10S-20W	1,000	130,679	2,840,440	47	0	Arbuckle	3,896		
Voda ('57)	28-11S-24W	400	22,081	351,532	9	0	Lansing	3,503	28	
WaKeeney ('34)	14-11S-23W	200	5,715	990,789	5	1	Arbuckle	3,915	2	39
WaKeeney East ('49)	24-11S-23W	80	11,794	74,926	2	0	Lans.-K.C. Arbuckle	3,868	6	34
Walz ('50)	12-11S-21W	1,200	76,072	1,387,784	22	0	Lans.-K.C. Arbuckle	3,561	40	
Walz Northwest ('57)	12-11S-21W	160	7,932	169,971	4	0	Marmaton	3,848	14	39
W-L ('66)	12-11S-24W		no report				Lans.-K.C.	3,573	7	
Zeigler ('64)	4-11S-21W	200	54,899	108,573	5	0	Arbuckle	3,688	7	
							Lans.-K.C.	3,688	7	
							Arbuckle	4,008	4	36
							Lans.-K.C.	3,619	8	38
							Lans.-K.C.	3,624	4	38
							Lans.-K.C.	3,428	9	35
							Arbuckle	3,666	11	
							Arbuckle	3,693	2	
							Lansing	3,831	6	
							Arbuckle	3,760	4	

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TABLE 27.—Kansas oil-field statistics, 1966 (continued).

Field name and Year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl.		Pro- ducing wells	Wells aband. 1966	Name	Producing zone	
			During 1966	To end of 1966				Depth, ft.	Thick- ness, ft.	Avg. gravity
TREGO COUNTY (concl.)									
Pools and fields abandoned									
Total Trego County									
		14,730	1,579,761	118,178	373	5			
WABAUNSEE COUNTY									
Ashburn ('58)	29-14S-10E	160	17,565	188,286	4	0	Viola	3,255	7
Davis Ranch ('49)	33-13S-10E	800	241,885	3,793,882	20	0	Lans, -K. C. Hunton	1,850 2,929	4 15
Mill Creek ('50)	2-13S-10E	160	7,998	355,327	4	0	Viola	3,201	4
Newbury ('50)	11-11S-11E	240	7,808	365,430	6	0	Viola	2,923	4
Paxico ('65)	23-11S-11E	40	no runs	594	1	1	Hunton	2,901	4
Wilmington ('59)	29-14S-12E	150	21,413	121,025	5	0	Viola	2,411	2
Woodbury ('51)	11-15S-10E	80	7,745	165,159	2	0	Simpson	2,996	6
Total Wabaunsee County		1,630	304,414	5,015,972	42	1	Viola	3,099	3
				recorded				3,328	5
WICHITA COUNTY									
Carwood ('57)	16-17S-37W		no report	1,369			Marmaton	4,528	4
Rupp ('64)	5-21S-38W		no report				Morrow	4,776	4
Also in Kearny County									
White Women ('62)	34-20S-35W	40	319	4,891	1	1	Marmaton	4,512	8
Total Wichita County		40	319	6,260	1	1			32
WILSON COUNTY									
Altoona ('03)	10-29S-16E	1,800	76,682		91	4	"Squirrel" "Bartlesville"	650 900	

Altoona East ('35)	29S-17E	460	16,329	23	0	"Bartlesville"	900
Benedict	28S-15E	840	23,258	57	4	"Bartlesville"	1,000
Buffalo-Vilas ('24)	27S-17E	1,380	34,034	122	7	"Bartlesville"	1,025
Also in Woodson						Cherokee	1,150
Coyville West ('54)	27S-13E	200	1,313	5	2	Cherokee	
Fall River	28S-13E	160	753	4	0	Cherokee	
Fredonia (1890)	29S-15E	600	28,922	46	3	"Burgess"	1,050
Humboldt-Chanute	28S-17E	150	998	5	0	"Bartlesville"	850
Also in Allen, Neosho, and Woodson counties							
Neodesha	30S-16E	5,120	94,762	282	10	"Bartlesville"	950
Also in Montgomery County							
Neodesha East	30S-17E	280	4,804	6	0	Cherokee	
Total Wilson County		10,990	281,855	641	30		
			8,748,505				
			recorded				
WOODSON COUNTY							
Big Sandy ('23)	23-26S-14E	1,180	37,440	61	1	"Bartlesville"	1,230
Buffalo-Vilas ('05)	27S-17E	1,600	6,108	80	2	"Bartlesville"	1,000
Also in Wilson County						Cherokee	1,150
Evans ('38)	21-23S-15E	80	1,957	4	0	Mississippi	1,540
Also in Coffey County							
Humboldt-Chanute	25S-17E	940	29,565	37	0	"Bartlesville"	900
Also in Allen, Neosho and Woodson counties							
McWheater ('55)	35-26S-13E	20	93	1	0	Mississippi	1,417
Neosho Falls-Leroy ('05)	35-22S-16E	2,080	53,045	85	2	"Squirrel"	965
Also in Allen and Coffey counties						Mississippi	1,200
Perry-Halligan	26S-17E	280	1,627	8	0		
Piqua ('38)	22-24S-17E	160	1,794	5	0	Mississippi	1,190
Quincy ('32)	14-25S-13E	1,320	71,269	85	0	"Bartlesville"	1,500
Also in Greenwood County							
Rose East ('54)	16-26S-16E	780	5,107	34	0	"Bartlesville"	1,109
Silver City ('46)	19-26S-15E	480	5,446	18	0	"Bartlesville"	
South Owl Creek ('66)	2-26S-15E	30	3,639	3	0	Mississippi	1,421
Steele ('52)	20-23S-15E		no report			Mississippi	1,525
Vernon	23S-16E	5,360	200,518	159	5	"Squirrel"	1,068
Virgil North ('20)	22-23S-13E	3,040	47,223	38	1	Mississippi	1,420
Also in Coffey and Greenwood counties						"Bartlesville"	1,585
						Mississippi	1,840
						Simpson	
						Arbuckle	

TABLE 27.—Kansas oil-field statistics, 1966 (concluded).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Oil production, bbl		Producing zone	Wells abandoned, 1966	Name	Depth, ft	Thick-ness, ft	Avg. gravity
			During 1966	To end of 1966						
WOODSON COUNTY (concl.)										
Winterschied	23S-14E	13,520	392,219		"Bartlesville"	4		1,630	15	
Also in Coffey and Greenwood counties					Mississippian			1,750		
Wissman (136)	3-24S-15E	200	3,376		Mississippian	3		1,520		
Yates Center	28-25S-15E	1,360	49,292		Mississippian	31		1,480		
Miscellaneous		30	233			1				
Total Woodson County		32,460	916,231	17,099,459 recorded		996				

TABLE 28.—Kansas gas-field statistics, 1966.

Field name and year of discovery	Location of discovery well Sec., T., R.	Gas production, Mcu ft (at base of 14.65 psia)		Pro- ducing wells	Name	Producing zone	Depth, ft
		During 1966	To end of 1966				
ALLEN COUNTY							
Elsmore West ('11)	12-26S-20E	Included with Miscellaneous			"Bartlesville"		775
Humboldt-Chanute	26S-18E	Included with Miscellaneous			"Squirrel"		740
Also in Neosho, Wilson, and Woodson counties					"Bartlesville"		850
Iola ('37)	13-24S-18E	2,400	117,234	56	"Squirrel"		850
Moran ('03)	25S-20E	Included with Iola		90 est	"Bartlesville"		975
Miscellaneous		5,400	480,000 est		"Bartlesville"		820
Total Allen County		7,800	597,234 est*	146 est*			
ANDERSON COUNTY							
Miscellaneous		800	80,000 est	15 est			
Total Anderson County		800	80,000 est*	15 est*			
BARBER COUNTY							
Aetna Gas Area ('35) †	13-34S-15W	3,900	6,374,774	100	Mississippian		4,850
Aetna Northwest ('61)	4-34S-15W		62,710	3	Viola		5,215
Boggs Southwest ('55)	30-33S-12W	3,800	49,718,849	34	Cherokee		4,761
Brooks ('62)	32-31S-13W		no report		Mississippian		4,456
Cedar ('57)	25-33S-10W		56,942		Douglas		3,731
Clara ('44)	2-30S-14W		no report		Mississippian		4,543
Also in Pratt County			803,532		Marmaton		4,381
Deerhead ('42)	26-32S-15W		no report		Viola		4,409
Deerhead North ('64)	14-32S-15W	900	1,896,083	8	Simpson		4,435
			481,630		Arbuckle		4,540
					Elgin		3,884
					Viola		4,931
					Mississippian		4,792
					Maquoketa		4,965
DEERHEAD COUNTY							
Deerhead Southwest ('63)	8-33S-15W	Included with Perry Ranch			Mississippian		4,000
Donald ('16)	33-31S-15W	500	1,443,591	10	Viola		4,015
Felisa ('56) †	27-32S-14W	160	207,407	1	Mississippian		4,697
Felwood ('56) †	34-31S-13W	100	36,353	2	Mississippian		4,062
		100	65,827	1	Mississippian		3,565
			159,213	1	Douglas		4,087

Well Name	Section	Acres	Production	Notes	Geology	Production	Geology
DeGeer ('48)	2-33S-15W	no report	140, 442		Mississippian	4, 902	
DeGeer Southwest ('63)	8-33S-15W	Included with Perry Ranch			Viola	5, 176	
Donald ('46)	33-31S-15W	500	1, 443, 591		Viola	4, 693	
Eisea ('56)†	27-32S-14W	160	207, 407		Simpson	4, 845	
Elwood ('56)†	34-34S-13W	100	36, 353		Mississippian	4, 697	
Gilbert ('64)	18-32S-11W	100	68, 827		Mississippian	4, 662	
Groendycke ('63)†	27-33S-12W	700	796, 397		Douglas	3, 565	
Hardtner ('54)†	31-34S-12W	5, 000	2, 799, 829		Mississippian	4, 687	
					Cherokee	4, 791	
ILS ('56)	9-31S-11W	900	983, 880		Mississippian	4, 838	
				"ILS Southwest"†	Douglas	3, 766	
Lambert ('66)	35-30S-14W	80	86, 288		Mississippian	4, 411	
Little Bear Creek ('54)	12-32S-14W	40	no runs		Douglas	3, 902	
			no runs		Douglas	3, 808	
McClure ('66)	30-32S-11W	40	no runs		Viola	4, 670	
McGuire-Goemann ('56)†	24-32S-11W	800	447, 397		Shawnee	3, 550	
McReynolds ('59)	19-31S-10W	100	202, 478		Mississippian	4, 403	
Mearis ('66)	27-30S-12W	40	no runs		Mississippian	4, 530	
Medicine Lodge-Boggs ('27)	13-33S-13W	14, 000	2, 869, 271		Douglas	3, 563	
			135, 979	"Boggs"†			
			500, 196	"Boggs"†			
			292, 114	"Boggs NW"†			
			83, 421	"Boggs NW"†			
			603, 107	"Boggs"†			
			313, 689	"Boggs NW"†			
			32, 910	"Bartholow"†			
Medicine Lodge North ('54)	25-32S-13W	Included with Medicine Lodge-Boggs			Simpson	4, 860	
Medicine River ('64)†	4-32S-12W	600	86, 242		Mississippian	4, 480	
Nippawalla ('51)	13-33S-12W	80	17, 880		Mississippian	4, 480	
Nurse ('53)	23-31S-13W	2, 600	438, 501		Mississippian	4, 480	
					Douglas	4, 541	
Palmer ('58)†	30-32S-13W		2, 274, 196		Mississippian	3, 599	
				"Nurse NE"†	Mississippian	4, 194	
				14, 038, 234	Douglas	3, 886	
					Lans.-K. C.		
Perry Ranch ('59)	12-32S-16W	2, 400	782, 356		Mississippian	4, 530	
			127, 901	"Perry Ranch NW"†	Mississippian	4, 785	

Includes Comanche County

Also in Comanche County

TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well		Area, acres	Gas production, Mcu ft (at base of 14.65 psia)		Producing zone	Depth, ft
	Sec.	T., R.		During 1966	To end of 1966		
BARBER COUNTY (concl.)							
Rhodes ('54)	4-33S-11W		9,000	451,275 1,191,595	8,640,485 "Rhodes North" [†] "Rhodes NW" [†]	Douglas Mississippian	3,548 4,551
Rhodes Northeast ('56) [†]	2-33S-11W		1,600	754,644		Mississippian	4,551
Rhodes South ('57) [†]	6-34S-11W		2,000	1,248,680	17,830,436	Mississippian	4,500
Roundup South ('53) [†]	33-33S-11W		600	334,754	5,980,209	Mississippian	4,564
Salt Fork ('62)	3-35S-15W			384,525	3,303,859	Mississippian	4,457
Sharon ('55)	13-32S-10W			no report		Mississippian	4,856
				no report		Mississippian	4,355
Also in Harper County							
Sharon Northwest ('56) [†]	11-32S-10W		2,400	2,305,839	24,234,981	Mississippian	4,347
Skinner ('43)	29-31S-14W		450	330,926	29,818,481	Douglas Lans.-K. C. Marmaton	4,023 4,109 4,294
Stumph ('52)	7-32S-14W		800	1,088,862	9,992,965	Viola Simpson Stalnaker	4,578 4,622 4,054
Traffas ('55)	6-33S-10W		100	89,877	547,802	Marmaton	4,718
Turkey Creek East ('57)	21-30S-15W		40	no runs		Mississippian	4,590
Warwick ('65)	12-31S-11W			no report		Viola	4,557
Wells ('58)	18-34S-15W		80	40,017	358,061	Mississippian	4,519
Whelan ('34)	32-31S-11W		100	419,855	5,212,906	Marmaton	4,694
Whelan Southwest ('54)	3-32S-12W			Included with Medicine River [†]		Douglas	3,598
Whelan West ('55)	25-31S-12W			Included with Whelan		"Chat"	4,355
Wolgamott ('57)	16-35S-14W		40	63,742	471,050	Mississippian	4,245
Total Barber County			54,050	33,103,755	738,750,815 recorded	Mississippian Mississippian Cherokee	4,300 4,865
BARTON COUNTY							
Ash Creek ('47)	31-20S-15W		40	67,034		Simpson Arbuckle	3,750 3,784

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Behrens ('44)	6-20S-15W	140	94,070		3	Arbuckle	
Chaffee ('63)†	31-19S-13W	360	500,136		6	Arbuckle	
Chase Silica ('36)	6-19S-9W	Included with Rice County				Arbuckle	
Also in Rice and Stafford counties							
Clarence ('53)	1-20S-15W	80	5,871	143,183	1	Simpson	
				"Clarence SE"†			
Converse ('53)	20-20S-15W	600	1,105,734	4,992,074	10	Arbuckle	3,783
Eberhardt ('35)	14-19S-11W	40	no report	398,567	1	Arbuckle	3,191
Ft. Zarah ('51)	28-19S-12W	40	no runs			Lansing	2,250
Great Bend Airport ('52)	26-19S-14W		no report			Wabaunsee	3,445
						Penn. congl.	3,496
						Penn. congl.	
						Lans.-K. C.	
Heizer Southwest ('52)	21-19S-14W	80	60,109	1,342,816	2	Reagan	3,597
Kraft-Prusa ('37)	36-16S-11W	600	94,126	1,188,383	11	Neva	3,507
Also in Ellsworth and Russell counties							
Merten Southwest ('58)	7-19S-15W		no report			Reagan	
Otis-Albert ('30)	11-18S-16W		Included with Rush County			Arbuckle	
Also in Rush County							
Parrish ('65)	1-20S-13W		no report			Arbuckle	
Pawnee Rock ('36)	13-20S-16W		no report			Arbuckle	
Also in Pawnee County							
Pritchard	20S-14W	40	no runs	9,517	1	Arbuckle	3,355
Rick ('41)	11-19S-11W		no report	403,810		Arbuckle	3,439
Also in Rice County							
Unruh ('45)	24-20S-15W		no report	14,730,606		Arbuckle	3,641
Total Barton County		1,980	1,927,080	33,020,671	36		
				recorded			
BUTLER COUNTY							
El Dorado		40	440		1		
Miscellaneous		600	80,000 est		15 est		
			10,956	"Ireland"	1		
Total Butler County		340	91,396 est*		17 est*		
CHASE COUNTY							
Davis ('29)		400	no report		10 est	Pennsylvanian	500
Elmdale ('21)	19S-7E		40,000 est			L. Permian	800
						Wabaunsee	

TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Gas production, Mcu ft (at base of 14.65 psia)		Pro- ducing wells	Name	Producing zone	Depth, ft
		During 1966	To end of 1966				
CHASE COUNTY (concl.)							
Lipps ('25)	32-18S- 7E	800	Included with Elmdale 40,000 est	10 est			
Miscellaneous		12,000	80,000 est*	20 est*			
CHAUTAQUA COUNTY							
Hale-Inge	32S-12E		no report		Peru		1,160
Also in Elk County							
Peru-Scelan	16-33S- 9E	40	19,292	1	Mississippian		1,658
Rich ('56)			Included with Miscellaneous		Marmaton		1,976
Miscellaneous		2,400	320,000 est	60 est	Mississippian		
Total Chautauqua County		2,440	339,292 est*	61 est*			
CLARK COUNTY							
Ashland ('51)	35-32S-23W		no report				
Cavalry Creek ('55)	3-31S-21W	100	912	1	Mississippian		5,195
Clark Creek ('59)	8-35S-22W	320	77,930	2	Morrowan		5,630
Harper Ranch ('53)†	9-34S-21W	16,000	4,769,134	45	Morrowan		5,437
McKinney ('50)†	2-34S-26W	7,500	1,665,574	19	Mississippian		5,762
Also in Meade County			75,379				
Morrison Northeast ('54)	10-32S-21W	500	173,709	3	Morrowan		5,193
Sitka ('59)†	13-33S-22W	8,600	3,562,787	21	Morrowan		5,266
Snake Creek ('52)	21-34S-21W	7,500	4,710,893	24	Mississippian		5,452
Snake Creek Northeast ('59)	13-24S-21W		no report		Morrowan		5,444
Snake Creek West ('64)	10-34S-22W		Included with Sitkat		Morrowan		5,406
Tuttle West ('57)	10-35S-21W	300	143,153	2	Morrowan		5,625
Total Clark County		40,820	15,179,471	119			
			99,221,428				

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		COFFEY COUNTY			
		60 est	1,000 est	3 est	
Miscellaneous		60 est	1,000 est*	3 est	
Total Coffey County				3 est*	
COMANCHE COUNTY					
Beals ('55)	5-34S-17W	320	1,759,844	6,475,669	4
Glick ('57) †	31-30S-16W	6,000	4,831,000	26,075,034	12
Hack ('66)	17-33S-18W	10	no runs		1
Necatunga ('60) †	22-32S-18W	450	1,072,807	7,470,292	9
Perry Ranch ('58)	12-32S-16W	Included with Barber County			
Also in Barber County					
Robbins Ranch ('53)	23-31S-16W	800	no report	538,864	
Shimer ('61)	13-33S-17W		609,872	976,179	5
Tuttle ('57)	6-35S-20W		no report		
Tuttle East ('63)	4-35S-20W	20	no report		1
Wilmore ('66)	24-31S-18W	600	no runs	318,706	2
Yellowstone North ('65)	16-35S-16W		318,706		
Total Comanche County		8,190	8,592,229	41,854,744	32
COWLEY COUNTY					
Included with Miscellaneous					
no report					
Arkansas City Gas Area	34S-4E	100	270,617	239,854	2
Enterprise Northeast ('52)	35-33S-3E	40	47,736		1
Enterprise Southwest ('53)	3-34S-3E	80	17,191		1
Estes ('28)	32S-6E	120	83,856		2
Geuda Springs ('25)	17-34S-3E				
Gibson ('41)	34S-3E	500	144,593		11
Graham ('24)	9-33S-3E	Included with Miscellaneous			
McKay ('51)	17-35S-4E				

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TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Gas production, Mcu ft (at base of 14.65 psia)		Producing wells	Name	Producing zone	Depth, ft
			During 1966	To end of 1966				
COWLEY COUNTY (concl.)								
Mansur ('49)	31S- 7E	Included with Miscellaneous	no report			Layton		2, 170
Murphy ('45)	35S- 3E							
Also in Sumner County								
New Salem North ('49)	21-31S- 5E	40	12, 864		1	Layton		2, 315
Rainbow Bend ('23)	17-33S- 3E	Included with Miscellaneous						
School Creek North ('53)	10-32S- 7E	100	no runs		2	Layton Cleveland		2, 114 2, 443
Stayton ('49)	32-32S- 4E		no report					
Thurlow ('27)	6-33S- 4E		no report					
Tisdale Gas Area	32S- 5E		no report					
Walnut Bend ('40)	11-34S- 4E	160	34, 126		3	Mississippian		
Werner ('56)	31-32S- 6E	80	26, 121	273, 816	2	Layton		
Whitacre ('62)	5-34S- 4E		no report			Ireland		1, 740
Wilmot-Floral ('25)	30-31S- 5E		no report			Stalnaker		
Miscellaneous		24, 000	3, 280, 000 est		640 est			
Total Cowley County		25, 220	3, 917, 104 est*		663 est*			
CRAWFORD COUNTY								
St. Paul-Walnut (Misc.)	29S-21E	600	80, 000 est		15 est	"Bartlesville"		
Total Crawford County		600	80, 000 est*		15 est*			
DICKINSON COUNTY								
Miscellaneous		320	10, 000 est		8 est			
Total Dickinson County		320	10, 000 est*		8 est*			
DOUGLAS COUNTY								
Miscellaneous		400	25, 000 est		10 est			
Total Douglas County		400	25, 000 est*		10 est*			

EDWARDS COUNTY

Bordewick ('63)	18-26S-18W	no report		Wabunsee	3,342
Bordewick East ('64)	23-26S-18W	80	297,833	Wabunsee	3,216
Bradbridge ('48)	6-24S-15W		84,271	Lans.-K. C.	3,686
Also in Stafford County				Arbuckle	4,020
Britton ('63)†	9-25S-17W	200	100,796	Mississhippian	4,476
Embry ('55)	23-24S-16W	1,000	1,115,936	Mississhippian	4,231
English ('59)	31-25S-16W	Included with Wilt		Kinderhookian	4,292
Fatzer ('59)	14-26S-17W	80	49,483	Mississhippian	4,530
Fellsburg ('60)	35-25S-17W	40	70,947	Mississhippian	4,490
Groner ('62)	5-23S-20W		no report	Cherokee	4,392
Kirk ('55)	26-26S-16W		no report	Cherokee	4,462
McCarty Northeast ('30)	22-25S-17W	Part of Wilt†		Kinderhookian	4,452
McClanahan ('58)†	2-26S-18W	Included with Britton†	560,716	Penn. congl.	4,612
McClanahan East ('63)	12-26S-18W	240	1,406,546	Penn. congl.	4,528
Trousdale North ('58)	8-26S-16W	Included with McClanahan†		Cherokee	4,518
Trousdale Northeast ('58)	15-26S-16W	no report	118,401	Mississhippian	4,458
Trousdale South ('56)	33-26S-16W	Part of Wilt		Mississhippian	4,392
Wayne ('56)	28-24S-17W	no report		Cherokee	4,472
Wilt ('57)†	26-25S-16W	no report	47,864	Kinderhookian	4,525
Also in Stafford County				Mississhippian	4,324
Total Edwards County		10,000	1,253,599	Kinderhookian	
		11,640	3,533,581		

ELK COUNTY

Cummings ('60)	26-31S-9E	200	181,682	Mississhippian	2,226
Hale-Inge	32S-12E	Included with Miscellaneous		Peru	1,160
Also in Chautauqua County					
Longton ('02)	31S-12E	Included with Miscellaneous		Kansas City	660
Schrader ('28)	31S-8E	Included with Miscellaneous		Kansas City	
Miscellaneous		1,800	240,000 est		
Total Elk County		2,000	421,682 est*		

45 est
49 est*

TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well — Sec., T., R.	Area, acres	Gas production, M cu ft (at base of 14.65 psia)		Pro- ducing wells	Producing zone		
			During 1966	To end of 1966		Name	Depth, ft	
ELLIS COUNTY								
Younger Northwest ('62)	30-13S-17W		no report			Lansing	3,375	
ELLSWORTH COUNTY								
Bloomer ('37)			4,079	4,079	1			
Satran ('60)	5-14S-9W		no report			Herrington	1,276	
Schlessiger ('65)	30-16S-10W	400	209,917	307,995	4	Lansing	3,041	
Stoltenberg ('47)	18-17S-9W	160	170,856	996,623	2	Shawnee	2,728	
Total Ellsworth County		560	384,852	1,308,693	7			
FINNEY COUNTY								
Hugoton Gas Area ('32) †	16-25S-34W 27-21S-34W	421,000	43,996,867 no report	725,135,915 146,075	650	Chase Group	2,200	
Total Finney County		421,000	43,996,867	725,281,990	650			
FORD COUNTY								
Bucklin ('63)	7-29S-21W	80	no runs	130,680	1	Cherokee		
Pleasant Valley ('38)	34-27S-21W	800	84,439	3,319,337	2	Mississippian	4,954	
Total Ford County		880	84,439	3,450,017	2			
FRANKLIN COUNTY								
Miscellaneous		600	80,000 est		15 est			
Total Franklin County		600	80,000 est *		15 est *			

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	34- 9S-23W	GRAHAM COUNTY	no report	12, 656		2, 200
Law ('51)				12, 656		2, 710
Total Graham County						
		GRANT COUNTY				
Hugoton Gas Area ('30)††	12-29S-38W	375, 000	140, 433, 346	1, 906, 228, 116	578	Chase Group
Panoma Gas Area ('56)†§	35-31S-34W	25, 000	2, 280, 809		47	Council Grove
Total Grant County		382, 000	142, 714, 155	1, 914, 117, 756	625	
		GREENWOOD COUNTY				
Huffine ('62)	10-28S-13E	Included with Miscellaneous				Burgess
Also in Wilson County						Mississippian
Lane ('58)	5-26S-12E	no report		37, 750		Mississippian
Miscellaneous		600	80, 000 est		15 est	
Total Greenwood County		600	80, 000 est *		15 est *	
		HAMILTON COUNTY				
Bradshaw Gas Area ('57)	36-22S-41W	70, 000	9, 259, 928	24, 248, 957	116	Chase Group
Hugoton Gas Area ('46)††	12-26S-39W	30, 000	6, 716, 899	76, 202, 483	45	Chase Group
Panoma Gas Area ('56) §	35-31S-34W		no report			Council Grove
Total Hamilton County		100, 000	15, 976, 827	100, 451, 440	161	
		HARPER COUNTY				
Crystal Springs ('59)†	18-32S- 7W		no report	431, 094		Mississippian
Goheen ('58)	12-31S- 7W		no report			Mississippian
Grant ('57)	21-31S- 7W	200	no runs	594, 459	2	Mississippian
Harper ('58)	11-32S- 7W	100	no runs	1, 322, 799	1	Viola-Simpson
Hibbard ('57)	23-34S- 9W	100	917	243, 638	1	Mississippian
H K W ('66)	15-35S- 6W	40	no runs		1	Stalnaker
Maple Grove ('66)	1-31S- 7W		no report			Stalnaker
Also in Kingman County						

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TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Gas production, Mc cu ft (at base of 14.65 psia)		Pro- ducing wells	Name	Producing zone	Depth, ft
			During 1966	To end of 1966				
HARPER COUNTY (concl.)								
Runnymede ('53)	23-31S-6W		no report			Simpson		4,648
Sharon ('55) Also in Barber County	13-32S-10W	1,200	662,377	6,582,617	12	Mississippian		4,355
Spivey-Grabs-Basil ('49)† Also in Kingman County	13-31S-9W	4,100	2,809,496 est 1,946,529†	39,922,786	22 est 38	Mississippian		4,400
Stohrville ('57)	26-33S-6W		no report			Mississippian		4,386
Sullivan ('61)	31-32S-8W	200	41,256	122,216	2	Lans., -K. C.		
Total Harper County		5,940	5,460,575	49,211,945	79			
HARVEY COUNTY								
Alta Mills			Included with Miscellaneous					
Burrtion ('30) Also in Reno County	23-23S-4W	1,600	712,418		30	Mississippian		3,298
Burrtion North ('56)	32-22S-3W		Includes Reno County			Mississippian		3,280
Burrtion Northeast ('42)	3-23S-3W		no report			Mississippian		3,226
Graber ('55) Also in McPherson County	22S-1W	100	30,121	185,046	1	Mississippian		2,958
Harmac Southeast ('64)†	1-22S-3W	200	178,725	238,434	4	Mississippian		3,103
Hollow-Nikkel ('31) Also in McPherson	20-22S-3W		Included with Burrtion			Mississippian		
Sperling ('35)	23-22S-2W	300	no report	7,513,363	3	"Chat"		2,955
Sperling South ('57)	22S-2W		5,481	460,408		Mississippian		2,954
Miscellaneous		600	80,000 est	"Sperling" †	15 est			
Total Harvey County		2,800	1,006,745 est *	15,951,820	53 est *			

HASKELL COUNTY

Eubank ('58)†	28-28S-34W	16,000	1,652,936	14,758,601	33	Toronto Lans.-K. C. Marmaton Cherokee Morrowan Mississippian Chase Group Morrowan	4,084 4,699
Hugoton Gas Area ('31)†† Koenig ('58)	29-30S-34W 12-29S-34W	287,000	47,182,771	648,423,584 594,936	428	Mississippian Chase Group Morrowan	2,200 5,094
Lemon Northeast ('65)	23-29S-33W	Included with Eubank†	no report			Kansas City "B" Desmoinesian Morrowan	4,655 5,126 5,356
Pleasant Prairie ('54) Victory ('60)†	16-27S-34W 30S-33W	20,000	2,313,434	5,714,973	75	Council Grove Marmaton Morrowan	2,814
Total Haskell County		308,600	51,149,141	664,492,094	536		

HODGEMAN COUNTY

Groner ('62) Mooney East ('66) Reginer ('64) Miscellaneous	6-23S-20W 21-22S-21W 2-24S-21W	40	no report no runs no report	none	1	Mississippian Mississippian Osapian	4,409 4,604
Total Hodgeman County		40					

JOHNSON COUNTY

Gardner ('39) Miscellaneous	15-14S-22E	2,120	Included with Miscellaneous 280,000 est		53 est		
Total Johnson County		2,120	280,000 est *		53 est *		

KEARNY COUNTY

Campbell ('62) Hugoton Gas Area ('37)††	9-21S-35W 32-25S-35W	407,000	no report 89,225,533	1,278,034,441	624	Marmaton Chase Group	4,408 2,200
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TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec. T. R.	Area, acres	Gas production, Mcu ft (at base of 14.65 psva)		Producing zone	Depth, ft
			During 1966	To end of 1966		
KEARNY COUNTY (concl.)						
Panoma Gas Area ('56) † §	12-31S-38W	407,000	no report	1,278,034,441	Council Grove	2,843
Total Kearny County			89,225,533	624		
KINGMAN COUNTY						
Alameda ('58)	27-28S-7W	800	257,519	1,373,500	Mississippian	3,988
Allender ('66)	30-30S-6W	40	no report		Mississippian	4,266
Bartholomew ('46)	1-28S-5W		Included with Miscellaneous			
Also in Sedgwick County						
Belmont Center ('64)	23-29S-8W		no report		Mississippian	4,186
Bonjour ('66)	26-27S-5W	10	no runs		Mississippian	3,740
Broadway ('48)	21-28S-5W	1,800	463,073	6,001,929	Mississippian	3,833
Broadway West ('54)	19-28S-5W		Included with Broadway	1,109,381	Mississippian	3,884
Casley ('52)	2-28S-5W		no report		Permian	1,993
Cunningham ('31)	7-28S-11W		no report		Wabaunsee	2,969
					Viola	4,278
					Arbuckle	4,094
Dale ('59)	35-28S-6W		no report	141,003	Mississippian	3,928
Dewey ('50)	9-28S-5W		no report	3,871,978	Mississippian	3,801
Dresden ('51)	13-27S-10W	80	no runs	15,439	Winfield	1,622
Freemyer ('60)	20-27S-6W	160	25,002	118,589	Mississippian	3,822
Goetz ('56)	29-29S-9W	240	40,632	1,021,868	Mississippian	4,156
					Viola	4,408
Hurn ('60)	28-27S-5W	80	no runs	206,021	Mississippian	3,777
Klaver ('60)	9-29S-6W	80	28,077	313,187	Mississippian	4,074
Lansdowne North ('50)	28S-5W		Included with Broadway			
Maple Grove ('66)	1-31S-7W		no report		Stalaker	3,541
Also in Harper County						
Nashville ('63)	1-30S-10W		no report		Indian Cave	2,510
Negro Creek ('61)	13-28S-7W	80	no runs	342,149	Toronto	2,908
Prather ('62)	18-28S-7W	200	4,835	380,802	Mississippian	3,990
Reida ('55)	18-30S-6W	600	342,471	698,665	Simpson	
					Mississippian	
						"Reida South" †

Ruth Northeast ('66)	27-30S- 7W	40	no report			Mississippian	4, 375
Settle ('56)	18-29S- 7W	500	254, 230			Mississippian	4, 110
Spivey-Grabs-Basil ('49)†	13-31S- 9W	16, 500	6, 000, 000 est	2, 091, 656	5	Lans. -K. C.	3, 876
Also in Harper County			10, 426, 093†	204, 718, 160	241 est	Mississippian	4, 205
			4, 670, 452	"Basil"	69		
			725, 987	"Zenda"†	4		
Varner ('64)	8-27S- 6W	80	50, 268	50, 268	1	Mississippian	3, 744
Willowdale ('54)	14-29S- 9W	200	101, 458	101, 458	5	Indian Cave	2, 391
Zenda West ('66)	17-30S- 9W	80	no runs		2	Mississippian	4, 307
Miscellaneous		280	200, 000 est		7 est		
Total Kingman County		21, 850	22, 590, 097 est *	228, 294, 512	561 est *		
KIOWA COUNTY							
Alford ('44)	14-30S-19W	700	2, 234, 387	3, 194, 010	9	Spergen	5, 040
Alford West ('65)	15-30S-19W		no report			Mississippian	5, 057
Allstott ('66)	2-28S-18W	40	no runs		1	Lansing	4, 214
						Marmaton	4, 627
Conklin Estate ('64)	22-29S-17W		no report			Mississippian	4, 624
Einsel ('62)	36-27S-19W	250	88, 559	138, 632	2	Mississippian	4, 796
Fralick South ('62)	26-27S-20W		no report			Mississippian	4, 870
Fralick West ('61)	16-27S-20W		no report			Mississippian	4, 868
Fruit ('60)	28-27S-16W	500	62, 127	926, 844	5	Mississippian	4, 621
Glick ('57)†	31-30S-16W	12, 000	11, 780, 838	54, 654, 086	27	Mississippian	4, 880
Also in Comanche County							
Greensburg ('56)	35-27S-18W		no report	3, 384		Kinderhookian	4, 742
Greensburg Northeast ('56)	17-27S-17W		no report	104, 239		Mississippian	4, 675
Hardy ('56)	23-28S-18W	160	95, 514	734, 370	2	Mississippian	4, 804
Haviland ('55)	17-28S-16W	80	66, 963	600, 569	1	Kinderhookian	4, 761
Joy Station ('57)	20-28S-19W		no report	77, 077		Mississippian	4, 920
Joy Station Southeast ('66)	35-28S-19W	40	no runs		1	Mississippian	4, 926
Kane ('56)	12-30S-18W	200	331, 051	382, 532	2	Mississippian	4, 908
Mule Creek Northwest ('66)	34-30S-18W	40	no runs		1	Mississippian	5, 028
Nichols ('55)†	20-29S-18W	5, 500	741, 774	22, 685, 618	8	Lans. -K. C.	4, 997
			710, 268		31	Mississippian	
Nichols Northwest ('65)	11-29S-19W		no report			Mississippian	5, 065
Nichols Southwest ('66)	3-30S-19W	40	no runs		1	Mississippian	4, 991
Parkin ('65)	10-30S-18W		no report			Mississippian	3, 491
Pyle North ('66)	3-29S-16W	40	no runs		1	Wabaunsee	4, 804
Quaker ('61)	10-27S-19W	100	56, 654	680, 324	2	Mississippian	4, 804
Thach ('65)†	20-29S-19W	240	395, 030	395, 030	3	Mississippian	5, 122

TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well — Sec., T., R.	Area, acres	Gas production, M cu ft (at base of 14.65 psia)		Producing wells	Producing zone	
			During 1966	To end of 1966		Name	Depth, ft
KIOWA COUNTY (concl.)							
Ursula ('61)	9-29S-18W	80	117,270	117,270	1	Mississippian	4,922
Ursula Northeast ('63)	1-29S-18W		no report			Mississippian	4,874
Wellsford ('65)	15-28S-16W	80	no runs	1,572,793	1	Marmaton	4,680
Total Kiowa County		20,090	16,680,435	88,222,856	99	Mississippian	4,729
LABETTE COUNTY							
Coffeyville-Cherryvale ('02)	32S-17E		Included with Miscellaneous				
Also in Montgomery and Wilson counties							
Miscellaneous		1,200	160,000 est		30 est		
Total Labette County		1,200	160,000 est *		30 est *		
LEAVENWORTH COUNTY							
Easton ('66)	25-8S-20E	4	no runs		4	Mississippian	1,460
Roberts-Maywood ('30)	11S-22E		Included with Miscellaneous			"Knobtown"	400
Also in Wyandotte County							
Miscellaneous		2,720	360,000 est		68 est		
Total Leavenworth County		2,720	360,000 est *		68 est *		
LINN COUNTY							
LaCygne-Cadmus	20S-24E		Included with Miscellaneous				
Miscellaneous		1,200	160,000 est		30 est		
Total Linn County		1,200	160,000 est *		30 est *		

McPHERSON COUNTY

Bitikofer	20S- 1W	no report	"Chat"	2, 897
Coons ('40)	13-19S- 1W	no report	Mississippian	3, 068
Elyria ('58)	22-20S- 3W	no runs	Mississippian	2, 955
Graber North ('51)	4-21S- 1W	no report		
Jenday ('44)	1-19S- 2W	Included with Ritz-Canton	Lans.-K. C.	2, 340
McPherson ('26)	29-18S- 2W	Included with Ritz-Canton	"Chat"	2, 967
			Viola	3, 140
			"Chat"	2, 935
Ritz-Canton ('29)	12-20S- 2W	842, 327		
Voshell ('29)	33-20S- 3W	no report		
Welch-Bornholdt ('27)	35-20S- 6W	no runs		
Also in Rice County				
Total McPherson County		2, 230	9, 834	25

MARION COUNTY

Durham East ('66)	35-18S- 2E	76, 629	Mississippian	2, 533
French Creek ('55)	22-19S- 2E	68, 556	Simpson	2
Greve ('66)	10-19S- 2E	no runs	Mississippian	2, 598
Hillshoro ('58)	7-19S- 3E	no report	Mississippian	
Hillshoro West ('64)	11-19S- 2E	Included with French Creek	Mississippian	2, 512
Lehigh ('46)	27-19S- 1E	no report	Mississippian	2, 770
Lehigh North ('53)	23-19S- 1E	60	Mississippian	2, 770
Lost Springs ('26)	22-17S- 4E	5, 600	Mississippian	2, 350
			"Antelope East"	
			"Dobbs"	
Ratzlaff ('60)	8-19S- 2E	1, 486		2, 691
Stenzel ('61)	12-20S- 3E	1, 058, 753	Mississippian	2, 340
Miscellaneous		1, 800, 786		
		155, 205		
		51, 514		
Total Marion County		600	15 est	
		6, 610	177 est *	

MEADE COUNTY

Adams Ranch ('45)	8-35S-30W	5, 000	12, 093, 312	20	Toronto	4, 402
					Morrowan	5, 708
					Mississippian	5, 850

TABLE 28.—Kansas gas field statistics, 1906 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Gas production, Mcu ft (at base of 14.65 p.s.a.)		Producing zone	Depth, ft
		During 1906	To end of 1906		
MEADE COUNTY (concl.)					
Adams Ranch West ('66)	32-34S-30W	40	no runs	1	Lansing Kansas City Morrowan
Angell ('56)	30-32S-29W	200	87,044	4	Morrowan
Barragrec ('59)†	25-34S-28W	100	45,988	1	Council Grove
Bond ('54)	32-33S-30W	180	no runs	2	Mississippian
Borchers ('59)	21-33S-28W	3,200	4,410,829 394,525 Included with Borchers	16 "Borchers-Bessmer"† 2	Morrowan
Borchers North ('59)	5-33S-28W		5,380,490		Marmaton Morrowan
Borchers Northwest ('59)	1-33S-29W	1,000	896,116	5	Mississippian
Bruno Northeast ('53)	16-33S-30W		3,362,111		Morrowan
Cherry ('64)	3-31S-26W		no report		Morrowan
Cimarron Bend ('59)	1-35S-29W	400	385,616	2	Lansing Kansas City
Crooked Creek ('63)	8-35S-26W		Included with Fincham†		Mississippian
Fasum ('66)	27-32S-29W	40	no runs	1	Morrowan
Fincham ('56)†	14-35S-27W	2,000	646,795	7	Mississippian
Hockett ('57)	8-31S-29W	800	98,686	4	Morrowan
Horace ('56)	9-34S-29W	1,000	359,520	5	Mississippian
Horace South ('59)	26-34S-29W	100	111,328	1	Morrowan
Johan ('66)	29-34S-27W	40	no runs	1	Toronto
Kismet ('48)	23-33S-31W	9,000	2,614,371	21	Chesteran Morrowan
Also in Seward County			Includes Seward County		
McKinney ('50)†	2-34S-26W	13,900	3,712,961	56	Mississippian
Also in Clark County					
Meierdierks ('64)	27-34S-38W		no report		Council Grove
Meyers ('63)	8-35S-27W		Included with Fincham†		Council Grove
Mohler ('57)	35-33S-29W		Included with Singley		Morrowan
Mohler Northeast ('58)†	36-33S-29W	800	371,118	3	Morrowan
Novinger ('51)	26-33S-30W		Included with Novinger Northwest		
Novinger East ('59)	36-33S-30W		Included with Novinger Northwest		Morrowan
Also in Seward County					
Pining ('59)	17-32S-30W		Included with Stevens		Marmaton Morrowan
Also in Seward County					Mississippian
Sanders ('56)	13-32S-29W	200	49,309	2	Morrowan
Also in Seward County					Mississippian
Stineley ('55)	20-33S-29W	3,600	704,985	22	Morrowan
Also in Seward County					Mississippian
Also in Seward County					Morrowan

Novinger Northwest ('53)	15-33S-30W	300	43,129	962,879	3	Morrowan	5,718
Plains ('56)	17-32S-30W	Included with Stevens		"Novinger"		Marmaton	5,150
Also in Seward County						Morrowan	5,611
Sanders ('56)	13-32S-29W	200	49,309	678,368	2	Mississippian	5,692
Singley ('55)	20-33S-29W	3,600	704,985	11,215,495	22	Morrowan	5,533
Stevens ('52)	32-32S-30W	3,000	375,052	18,063,288	12	Mississippian	5,550
			111,450	"Collingwood"†	5	Morrowan	5,803
						Mississippian	5,560
Total Meade County		44,900	16,482,908	163,322,528	196		5,713

MIAMI COUNTY

Louisburg ('27)	17S-25E	600	Included with Miscellaneous		15 est		
Miscellaneous			80,000 est				
Total Miami County		600	80,000 est *		15 est *		

MONTGOMERY COUNTY

Coffeyville-Cherryvale ('02)	33S-17E		Included with Miscellaneous			"Bartlesville"	
Also in Labette and Wilson counties							
Miscellaneous		6,000	880,000 est		188 est		
Total Montgomery County		6,000	880,000 est *		188 est *		

MORRIS COUNTY

Veal ('55)	30-17S- 7E	500	88,460	2,054,747	11	Ireland	1,234
Miscellaneous		600	80,000 est		15 est		
Total Morris County		1,100	168,460 est *	4,189,494	26 est *		
				recorded			

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TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Gas production, Mcu ft (at base of 14.65 psia)		Producing wells	Name	Producing zone
			During 1966	To end of 1966			
MORTON COUNTY							
Berryman ('59)	21-33S-41W	900	130, 139	332, 228	4	Chase Wabaunsee "Purdy" Morrowan Morrowan	2, 222 2, 892 5, 001 5, 280 4, 872
Boehm ('51)	14-33S-42W	2, 000	534, 352	11, 995, 520	5	Morrowan	4, 558
Cimarron Valley Southwest ('65)	19-33S-40W		no report			Morrowan	4, 299
Elkhart ('55)	11-35S-43W	3, 000	982, 064	5, 384, 660	9	Morrowan	2, 777
Elkhart West ('57)	17-35S-43W	1, 000	122, 154	1, 584, 151	3	Wabaunsee	3, 069
Greenwood Gas Area ('51)†	14-33S-42W	214, 000	44, 419, 362	504, 591, 980	269	Shawnee Lans., -K. C. Chase Group "Red Cave"	3, 534 2, 200 1, 184 4, 123
Hugoton Gas Area ('30)†† Interstate ('54)	24-34S-40W 29-34S-43W	203, 000 12, 000	39, 188, 261 392, 605	552, 758, 251 12, 497, 018	305 12	Marmaton Morrowan	4, 336 5, 176
Kinsler ('59)†	33-31S-40W	9, 000	1, 677, 982 1, 748, 866	30, 438, 727 "Kinsler E"† "Kinsler W"† "Kinsler W"† "Kinsler W"†	19 4 13 5	Morrowan Morrowan Morrowan Morrowan	5, 176 5, 176 5, 176 5, 176
Panama Gas Area ('56)†§ Patsy ('57)	12-31S-38W 16-31S-41W	2, 000 7, 000	403, 742 2, 437, 711	2, 659, 395 37, 431, 903	7 12	Morrowan Alokan Morrowan	5, 362 4, 990 3, 040
Richfield ('48)	17-32S-40W			4, 660, 494 Richfield North	9	Morrowan "G" "Keyes"	4, 974 5, 051
Richfield West ('61)	2-32S-42W	3, 000	787, 585	223, 132	1	Lansing Morrowan	4, 249
Rolla ('59)	22-34S-40W	640	49, 317			Morrowan	2, 853
Sparks ('54)† Also in Stanton County	34-30S-42W	6, 000	2, 344, 876	21, 457, 900	9	Wabaunsee "Keyes"	5, 234
Sparks Southwest ('66)	28-31S-42W	20	no runs	33, 591, 654	2	Morrowan	4, 914
Taloga ('55)	34-34S-42W	4, 000	1, 039, 819 392, 665 9, 303 285, 705	"Taloga C"† "Taloga G"† "Keyes"†	25 2 1 4	Cherokee Morrowan	3, 894 4, 428

Jem ('61)	28-29S-13W	no report	Viola	4, 478
Lunt ('64)	33-27S-12W	no report	Simpson	4, 351
Pratt Airport ('63)	8-27S-13W	no report	Simpson	4, 410
Sawyer ('57)	26-29S-13W	300 115, 881	Viola Simpson	4, 376 4, 608
Shriver ('49)	27-29S-14W	no report		
Tatlock Southwest ('58)	30-26S-15W	800 170, 778		
Total Pratt County		7, 500 2, 184, 712		4, 376

RENO COUNTY

Arlington ('64)	23-25S- 8W	no report	Mississippian	3, 750
Burton ('30)	23-23S- 4W	Included with Harvey County	Mississippian	3, 298
Friendship ('41)†	30-25S- 4W	100 240, 925	Mississippian	
Hilger	22-25S- 4W	no report		
Huntsville ('62)	20-23S- 9W	240 17, 953	Mississippian	3, 658
Huntsville Townsite ('62)	8-23S- 9W	no report	Mississippian	3, 573
Lorado ('37)	10-26S- 9W	3, 300 1, 626, 804	Mississippian Viola	3, 925 4, 128
Plevna ('59)	15-24S- 9W	no report	Mississippian	3, 765
Shuff ('69)	34-23S- 9W	40 no runs	Mississippian	3, 765
Zenith Peace Creek ('37)	23-24S-11W	no report	Viola	3, 860
Also in Stafford County				
Total Reno County		3, 680 1, 885, 682		58

RICE COUNTY

Bredfelt ('48)	7-18S- 9W	no report	Arbuckle	3, 226
Bull Creek West ('66)	27-21S- 8W	10 7, 187	Mississippian	3, 308
Calf Creek ('57)	33-18S-10W	no report	Lans.-K. C.	3, 006
Canzoneri ('65)	10-21S- 9W	no report	Mississippian	3, 273
Chase-Silica ('36)	6-19S- 9W	180 38, 508	Arbuckle	3, 192
Also in Barton and Stafford counties				
Dymond ('61)	13-21S- 8W	no runs	Mississippian	3, 362
Fitzpatrick ('64)	30-21S- 8W	900 794, 193		
Geneseo-Edwards ('34)	25-18S- 8W	101 21, 437	Penn. congl.	3, 310
Also in Ellsworth County				
			"Bull Creek North"†	
			1, 481, 931	

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Table 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Gas production, Mc cu ft (at base of 14.65 psia)		Pro- ducing wells	Name	Producing zone	Depth, ft
			During 1966	To end of 1966				
RICE COUNTY (concl.)								
Humphreys ('56)	3-21S-8W	80	no runs	782,940	3	Penn. congl.	3,272	
Kepley ('63)	6-19S-7W	240	3,107	3,107	3	Mississippian	3,278	
Lyons Southwest ('55)	22-20S-8W	200	98,263	"Lyons"	5	Kindhookian	3,300	
						Penn. congl.	3,251	
						Simpson	3,280	
						Arbuckle	3,300	
Lyons Townsite ('64)	34-19S-8W		no report			Chase		
Lyons West ('63) †	31-19S-8W	4,500	503,818	1,324,307	73	Kindhookian	3,286	
McClintock ('62) †	18-21S-8W		no report	123,528		Misener	3,280	
Munyon ('50)	34-18S-10W	50	18,828		1	Arbuckle		
Orth ('33)	27-18S-10W		no report			Lans.-K. C.	2,906	
Sterling ('51)	4-22S-8W		no report	175,890		Mississippian	3,385	
Union ('50)	28-20S-8W		Included with Lyons Southwest			Penn. congl.	3,275	
Union East	27-20S-8W		Included with Lyons Southwest					
Total Rice County		6,261	1,485,341	40,668,989	98			
RUSH COUNTY								
Otis-Albert ('30)	11-18S-16W	100	no runs		2	Neva		
Also in Barton County						Reagan		
Reichel ('53)	23-17S-17W	19,000	5,906,552	19,794,152	64	Topeka	3,006	
						Lans.-K. C.	3,480	
Reichel East ('64)	34-17S-16W		Included with Reichel			Granite Wash	3,578	
Ryan ('45)	35-19S-16W		no report			Shawnee	2,991	
Also in Pawnee County						Reagan	3,507	
Total Rush County		19,000	5,906,552		66			
RUSSELL COUNTY								
Beisel ('58)	15-14S-12W		no report					
Claussen West ('49)			no report					
Driscoll ('56)	19-15S-11W	200	31,322	190,426	4	Lans.-K. C.	3,059	

Dubuque ('35)	3+-15S-12W	Included with Hall-Gurney				
Gorham ('36)	20-14S-14W	60	5,619			
Hall-Gurney ('31)	30-14S-13W	600	172,145			
Heim Northeast ('57)	14-14S-12W	60	8,821			
Mahoney ('60)	8-14S-12W	60	13,555		67,080	1,530
Russell ('46)	34-13S-14W	80	80,242			2,368
Trapp ('36)	9-15S-13W	80	1,234			
Total Russell County		1,140	312,938			
SCOTT COUNTY						
Hugoton North ('61)	25-19S-33W	400	269,068			2,600
Hugoton Northeast Gas Area ('66)	26-18S-31W	1,280	no runs			2,748
Keystone ('50)	25-18S-32W		no report		45,122	
Total Scott County		1,680	269,068		631,375	
SEDGWICK COUNTY						
Bartholomew ('46)	30-27S-4W	Included with Miscellaneous				
Also in Kingman County						
Glady's South ('56)	5-29S-1E	no report		74,499		3,270
Schulte ('49)	7-28S-1W	no report		1,287,655		3,732
Miscellaneous		600	80,000 est			3,194
Total Sedgwick County		600	80,000 est *		1,663,634	3,349
SEWARD COUNTY						
Adamson ('58)	11-34S-34W	1,500	277,571			6,064
Arkalon ('60) †	36-33S-32W	10,000	1,772,135			5,710
Arkalon West ('63)	29-33S-32W	1,000	330,326			5,546
Blue Bell Northwest ('54)	20-34S-31W	no report			"Arkalon East"	
Evalyn-Condit ('60)	15-33S-33W	5,600	2,506,318		9,688,062	5,858
Hawks ('52)	18-35S-31W	no report				5,947
Holt ('54)	28-32S-34W	800	83,647			5,636
Hugoton Gas Area ('22) ††	3-35S-34W	234,000	20,863,230		3,541,322	6,038
					400,318,816	5,927
						3,820
						2,200

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TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Gas production, Mcu ft. (at base of 14.65 psia)		Producing wells	Name	Producing zone	Depth, ft.
			During 1966	To end of 1966				
SEWARD COUNTY (concl.)								
Iris ('62)	11-34S-31W	600	43, 253	56, 066	1	Council Grove		2, 976
Kismet ('48) Also in Meade County	23-33S-31W	Included with Meade County				Council Grove Toronto Lans.-K. C. Morrowan Mississippian Morrowan Penn. sand Council Grove Toronto Morrowan Marmaton Morrowan Mississippian Morrowan Toronto		3, 063 4, 294 4, 864 5, 645 5, 722 5, 906 6, 202 3, 156 4, 270 5, 590 5, 510 5, 611 5, 692 5, 600 4, 311
Kneeland ('51)	14-34S-31W		no report					
Liberal-Light ('51)	11-35S-32W	2, 800	297, 083	30, 925, 938	11	Morrowan		5, 987
Liberal-Southeast ('47)	13-35S-33W	1, 200	712, 499	28, 539, 364	8	Morrowan		5, 448
Massoni ('55)	5-33S-31W	2, 000	565, 704	3, 795, 740	10	Morrowan		5, 499
Plains ('56) Also in Meade County	17-32S-30W	200	8, 264	31, 525	1	Morrowan		4, 546
Plains West ('56)	16-32S-31W		no report	205, 084				5, 866
Salley ('58)	16-34S-33W	1, 800	538, 381	1, 574, 229	5	Toronto		6, 089
Shuck ('55)	20-33S-34W	2, 800	820, 660	"Hugoton Deep"				4, 410
Thirty-One ('53)	18-31S-31W	400	106, 598	2, 972, 058	7	Morrowan		6, 168
Thirty-Two ('60)	1-32S-32W	400	23, 958	1, 807, 471	1	Morrowan		
Three Star ('58)	17-35S-32W	3, 000	463, 236	165, 717	10	Lans.-K. C. Morrowan		
Wide Awake ('54)	4-35S-34W	1, 200	554, 750	2, 736, 223	7	Chesteran Toronto Mississippian		
Total Seward County		269, 300	29, 867, 613	497, 824, 591				
STAFFORD COUNTY								
Bradbridge ('48) Also in Edwards County	6-24S-15W		no report			Arbuckle		4, 020
Bunyan ('65)	18-25S-12W		no report			Lans.-K. C.		3, 596
Childs ('59)	17-25S-15W		no report	84, 892		Mississippian		4, 231

Dillwin West ('60)	18-24S-14W	300	130,930	1,294,118	3	Penn. congl. Mississippian	4,118
Emerson South ('62)	32-25S-14W		no report	"Dillwin"			4,097
Emerson West ('63)	30-25S-14W	80	182,413	699,540	2	Mississippian	4,221
Farmington ('48)	27-24S-15W	600	350,612	"Emerson"	7	Mississippian	4,207
Farmington North ('56)	23-24S-15W		Included with Farmington	439,031		Kinderhookian	4,120
Farmington Northeast ('55)	35-24S-15W		Included with Farmington			Mississippian	4,168
Farmington Northwest ('56)	30-24S-15W		Included with Farmington	15,366		Kinderhookian	4,272
Farmington West ('52)	6-25S-15W		Included with Farmington			Penn. sand	4,164
Gates ('50)	26-21S-13W	200	7,914	918,402	1	Mississippian	3,473
Grunder ('58)	11-25S-13W		Included with Haynes	106,030		Lans.-K. C.	4,173
Haynes ('59)	22-25S-13W	800	348,070	2,922,163	9	Mississippian	3,915
Haynes Southwest ('59)	27-25S-13W		Included with Haynes			Cherokee	4,254
Kennil ('54)	4-23S-13W	40	no runs	"Koelsch Southwest"	1	Cherokee sand	3,576
Koelsch Southeast ('52)	25-24S-14W	80	20,365		1	Lansing	
McCandless ('44)	30-25S-13W	80	1,170	1,170	1	Cherokee	
Macksville ('60)	3-24S-13W	600	515,937	4,307,499	10	Cherokee sand	
Macksville East ('54)	12-24S-15W		no report			Lansing	
Moody ('56)	7-25S-14W		Included with Emerson West			Viola	4,020
O'Connor ('47)	16-24S-13W		Included with Macksville	19,020		Arbuckle	4,110
Oscar North ('51)	14-22S-14W	160	2,652	"Oscar"	2	Simpson	4,058
Praeger ('59)	36-24S-15W	80	61,374		1	Mississippian	
Pundsack ('47)	19-21S-13W		no report			Arbuckle	4,061
Rattlesnake ('38)	13-24S-14W	80	40,122		1	Lans.-K. C.	3,356
Rattlesnake East ('56)	7-24S-13W		no report			Lans.-K. C.	3,880
Rattlesnake North ('59)	2-24S-14W		no report			Mississippian	3,908
Rattlesnake Southeast ('54)	28-24S-13W		no report	426,835		Mississippian	
St. John Northwest ('52)	20-23S-13W		no report	74,801			
Saterlee ('54)	31-24S-14W	40	28,871		1		
Seevers ('54)	6-25S-13W	500	214,710	1,033,491	9		
Seevers Northwest ('56)	6-25S-13W		Included with Seevers			Lans.-K. C.	3,450
Snider ('36)	3-21S-11W	40	18,886		1	Lansing	4,069
Soden ('64)	23-23S-13W	40	3,011	13,004	1	Arbuckle	4,324
Van Latic ('43)	20-24S-13W	40	32,063	943,809	1	Kinderhookian	
Wil ('57)†	26-25S-16W		Included with Edwards County	678,569			
Zenith-Peace Creek ('37)†	23-24S-11W		no report			Viola	3,860
Total Stafford County				3,760	1,959,040	52	
Also in Edwards County							
Also in Reno County							
Total Stafford County							

TABLE 28.—Kansas gas-field statistics, 1966 (continued).

Field name and year of discovery	Location of discovery well Sec., T., R.	Gas production, Mc cu ft (at base of 14.65 psia)		Producing zone	Depth, ft
		Area, acres	During 1966			To end of 1966
STANTON COUNTY					
Beauchamp ('59)	24-30S-41W	300	389,906	Morrowan	5,018
Beauchamp East ('59)	32-30S-39W	151,000	29,328,319	Morrowan	2,200
Hugoton Gas Area ('44)††	15-30S-39W	360	141,424	Chase Group	5,630
Nich ('61)†	12-31S-38W	Included with Grant County	744,518	Morrowan	2,843
Panoma Gas Area ('56)†§	17-29S-39W	no report		Council Grove	5,476
Sand Arroyo ('61)	22-30S-40W	200	57,381	Morrowan	
Shore ('59)	34-30S-42W	2,500	1,488,768	Council Grove	5,254
Sparks ('54)				Morrowan	
Also in Morton County					
Sparks East ('57)	29-30S-41W	Included with Sparks†	318,422	Morrowan	5,152
Sparks West ('58)	26-30S-43W	300	130,378	Morrowan	5,260
Total Stanton County		154,660	31,536,176		
STEVENS COUNTY					
Center ('60)	26-33S-37W	Included with Walkemeyer		Morrowan	5,800
Cutter ('61)	1-31S-35W	430	486,664	Marmaton	4,779
Gooch ('63)	8-35S-35W	900	1,325,561	Morrowan	5,313
Hanke ('56)	6-35S-36W	Included with Walkemeyer		Morrowan	5,926
Hugoton Gas Area ('37)††	31-33S-37W	495,000	191,831,574	Mississippian	6,355
Kel ('62)	15-34S-38W	no report		Morrowan	6,267
Panoma Gas Area ('56)†§	12-31S-38W	18,000	1,744,968	Chase Group	2,200
Perrill ('59)	7-31S-37W	1,800	524,452	Council Grove	2,965
Perrill West ('61)	6-31S-38W	no report		Council Grove	2,843
Ski ('61)	16-34S-35W	200	26,826	Morrowan	5,326
Voorhees ('64)	13-34S-37W	600	55,729	Mississippian	5,655
Walkemeyer ('59)	35-33S-36W	7,000	1,226,688	St. Louis	5,734
Total Stevens		523,930	197,222,461	Morrowan	6,145
			2,875,484,392	"Panoma Gas Area-Morrowan"†	

SUMNER COUNTY					
Ashton Southeast ('65)	30-34S- 2E	no report			Cherokee
Bitter Creek ('53)	1-35S- 1E	120	115,960	203,359	Cherokee
Corastone ('63)	22-31S- 3W	no report			Wabaunsee
Fall Creek ('50)	3-35S- 3W	no report			Simpson
Gerberding ('54)	6-34S- 4W	200	185,660	934,703	
Margaret ('46)	36-32S- 2E	no report			
Murphy ('45)	35S- 3E	800	110,357		
Also in Cowley County					
Padgett ('24)	23-34S- 2E	300	88,366	562,027	Marmaton
Wellington ('29)	33-31S- 1W	no report			Mississippian
Miscellaneous		800	80,000 est		"Chat"
Total Sumner County		2,220	508,343 est *	2,900,343	
					15 est
					35 est *
WALLACE COUNTY					
Sexson ('56)	19-13S-42W	no report			
Total Wallace County					none
					none
WILSON COUNTY					
Altoona ('03)	29S-16E	Included with Miscellaneous			
Benedict	28S-15E	Included with Fredonia			
Buffalo-Vilas ('24)	27S-16E	Included with Miscellaneous			
Fredonia (1890)	29S-15E	300	60,721		
Huffine ('62)	10-28S-13E	Included with Miscellaneous			
Neodesha	30S-16E	Included with Miscellaneous and Fredonia			
Also in Greenwood County					
Also in Montgomery County					
Miscellaneous		2,720	320,000 est		
Total Wilson County		3,020	380,721 est *		
					68 est
					75 est *
WOODSON COUNTY					
Winterschied	3-24S-15E	Included with Miscellaneous			
Also in Coffey and Greenwood counties					

TABLE 28.—Kansas gas-field statistics, 1966 (concluded).

Field name and year of discovery	Location of discovery well Sec., T., R.	Area, acres	Gas production, Mcu ft (at base of 14.65 psia)		Producing wells	Name	Producing zone	Depth, ft
			During 1966	To end of 1966				
WOODSON COUNTY (concl.)								
Miscellaneous		200	4,000 est		5 est			
Total Woodson County		200	4,000 est *		5 est *			
WYANDOTTE COUNTY								
Roberts-Maywood ('30) Also in Leavenworth County	11S-23E		Included with Leavenworth County			"Peru" "Squirrel"		

* County production and wells are based on an estimated total eastern Kansas natural gas production during 1966 of 7,687,668 Mcfg from 1,550 producing wells.

† Prorated and/or spaced by the Oil and Gas Conservation Division of the State Corporation Commission of Kansas.

‡ Hugoton Gas Area is in Finney, Grant, Hamilton, Haskell, Kearny, Morton, Seward, Stanton, and Stevens counties.

§ Panoma Gas Area is in Grant, Hamilton, Kearny, Morton, Stanton, and Stevens counties.

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