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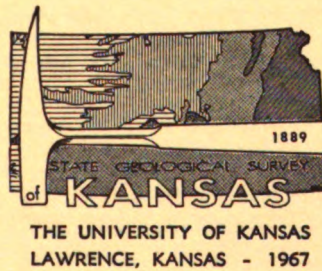
Oil and Gas Developments in Kansas During 1965

By Douglas L. Beene
and Margaret O. Oros



STATE
GEOLOGICAL
SURVEY
OF
KANSAS

BULLETIN 185



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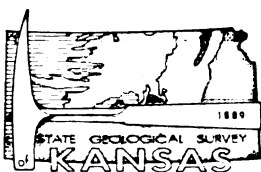
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**By Douglas L. Beene
and Margaret O. Oros**

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Oil and Gas Developments in Kansas During 1965

ABSTRACT

Value of the production of the petroleum industry in Kansas during 1965 was \$465,007,917. Crude oil and natural gas accounted for \$400,563,831 of the total. Helium, natural gasoline, liquid petroleum gas, and carbon black production were valued at \$64,444,086.

Crude oil production was 104,658,333 barrels, down 1.5 percent from 1964. An estimated 20.9 percent of the oil was produced by secondary recovery methods. Value of the crude oil output decreased from \$310,255,913, in 1964, to \$303,509,166, in 1965.

Natural gas production, down 0.7 percent, totaled 808.8 billion cubic feet (14.65 psia) but, at \$97,054,665, had a 9.2 percent greater value than in 1964. The Hugoton Gas Area produced 574 billion cubic feet, about 71 percent of the total.

Production of natural gas liquids during 1965 increased 3.0 percent: 19.6 million barrels, valued at more than 39 million dollars, were extracted at Kansas natural gasoline plants. Helium production increased over 17.7 percent: a total of 2,570.8 million cubic feet valued at over 30.4 million dollars was extracted during 1965. One-third of the helium was extracted from natural gas produced outside Kansas.

Eighty-seven new fields were discovered during 1965: 78 found oil, eight were gas fields, and one field had both oil and gas production. Rosalia Field, in Butler County, was the most significant discovery. Ness County led in total new field discoveries.

An estimated 4,356 holes were drilled in the State during the year. Of the recorded completions, 1,458 produced oil, 208 were gas wells, 11 produced both oil and gas, 1,504 (327 wildcats) were dry holes, and 425 were saltwater disposal wells or wells used as input wells in secondary recovery operations.

Estimated proved reserves at the end of 1965 included 751.6 million barrels of crude oil and 200.3 million barrels of natural gas liquids. Total estimated liquid hydrocarbon reserves were down only 0.5 percent. Estimated proved reserves of natural gas were more than 16.6 trillion cubic feet, a decrease of 4.1 percent from the previous year's estimate.

One natural gasoline plant was shut down during the year, and construction was underway on two helium extraction plants, the fourth and fifth in Kansas in the last four years.

Manuscript received January 3, 1967.

INTRODUCTION

The report on oil and gas developments in Kansas is again published as a single bulletin instead of two separate reports as in 1964 (Bulletin 179 and Special Distribution Publication 21). Secondary recovery and pressure maintenance projects for 1965 are tallied in Special Distribution Publication 30 (Dilts, R. L., 1966).

A condensed text discusses important developments during the year. The tables referred to in the text are in a separated section entitled *Tables*. Data used in the preparation of this publication are on file in the offices of the State Geological Survey of Kansas.

About every five years a map showing many facets of the oil and gas industry within the State is brought up-to-date and published. The most recent edition of such a map, showing pipelines, allied industries, and oil and gas producing areas is *Map of Oil and Gas Pipelines and Industries in Kansas* (Oros, 1963).

The total value of raw products of the petroleum industry (crude oil, natural gas, and natural gas liquids) produced in Kansas in 1965 was almost \$440 million. Production of helium and carbon black raised the total to \$465,007,917.

Oil and gas exploration and development in Kansas are summarized in Tables 1 and 2. Figure 1 is an outline map of Kansas showing geographic distribution of areas producing oil and gas. Annual oil and gas production in Kansas since about 1890 is shown graphically in Figure 2.

Figure 3 shows the relative value of 1965 oil and gas production by county. Of the 105 counties in Kansas, 83 reported oil and/or gas

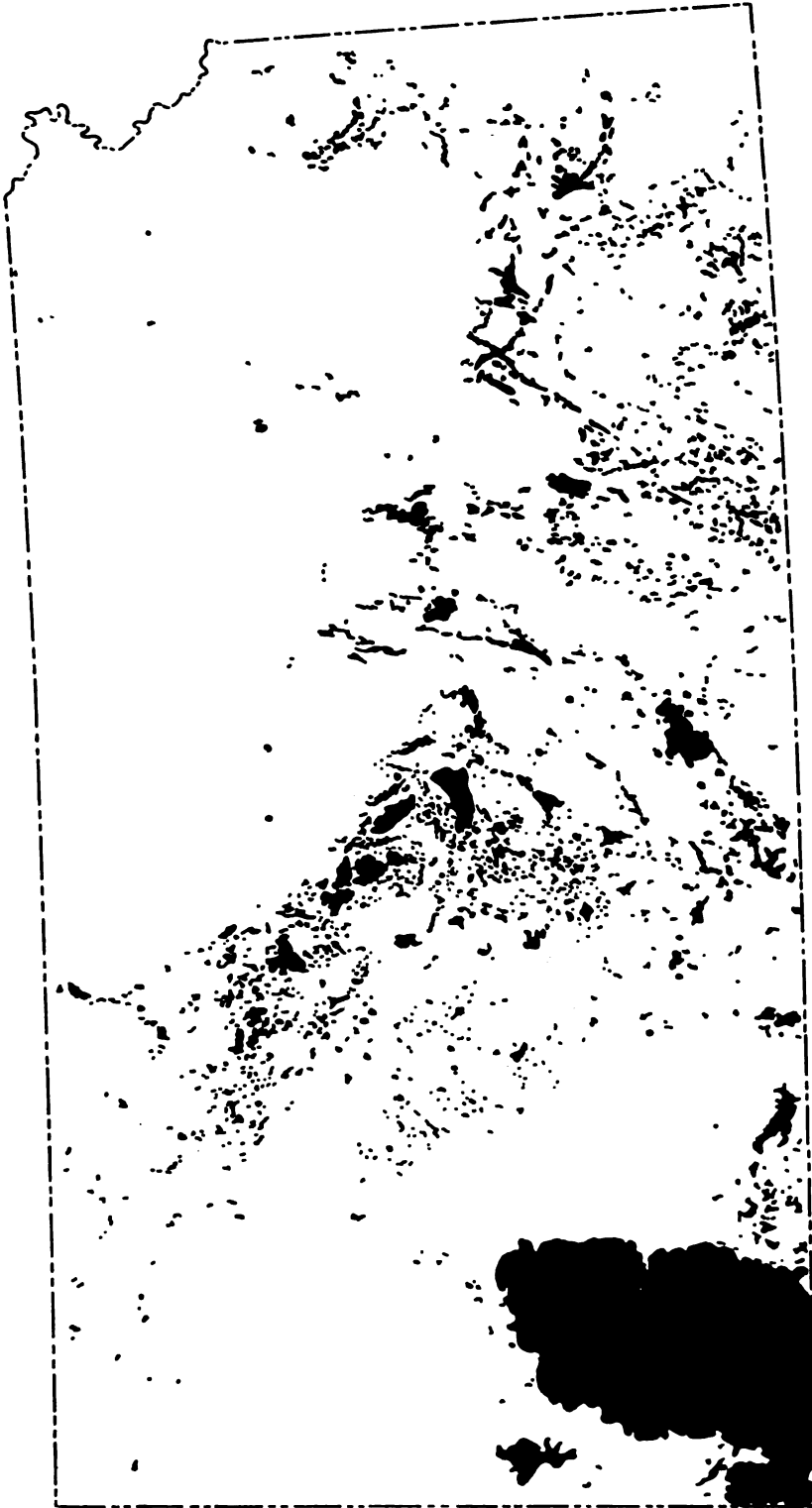


FIGURE 1.—Oil- and gas-producing areas in Kansas, 1965.

production during 1965. Because the price of crude oil decreases with decreasing gravity, and because different fields produce oils of differing gravities, value by county is not necessarily proportional to production by county.

Field names and boundaries used in this report are based on decisions made by the Nomenclature Committee of the Kansas Geological Society, who study, name, and describe new fields and producing areas. The Committee also redescribes and combines old fields, and reports as abandoned fields that have become depleted. 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. They act in an advisory capacity to the State Corporation Commission of Kansas, as provided for under Rule 82-2-104 in the "Rules and Regulations for the Conservation of Crude Oil and Natural Gas."

ACKNOWLEDGMENTS

Members of the Conservation Division of the State Corporation Commission (especially John

Roberts, Administrator, H. A. Beverlin, Oil Proration Analyst, and S. J. Lewis, Gas Proration Analyst) have long cooperated to the fullest extent with the State Geological Survey of Kansas. Without their assistance, this report would not be possible.

The Survey is pleased to acknowledge assistance from V. E. Rowe, of Petroleum Statistical Guide, Inc., who supplied a part of the crude oil production figures, and from Dwight's Oil and Gas Reports, which made available some gas production figures, and from Data, Inc., for supplying well information.

The assistance and advice of E. D. Goebel and P. L. Hilpman is acknowledged. O. T. Spitz reviewed the manuscript and tables in various stages of their preparation.

Thanks are due Jo Anne Crossfield, Donna Saile, Carol Klinknett, Elizabeth Tucker, and Linda Rakaskas, who helped in the preparation of this report by assembling and tabulating the oil and gas production figures and by typing the manuscript and tables.

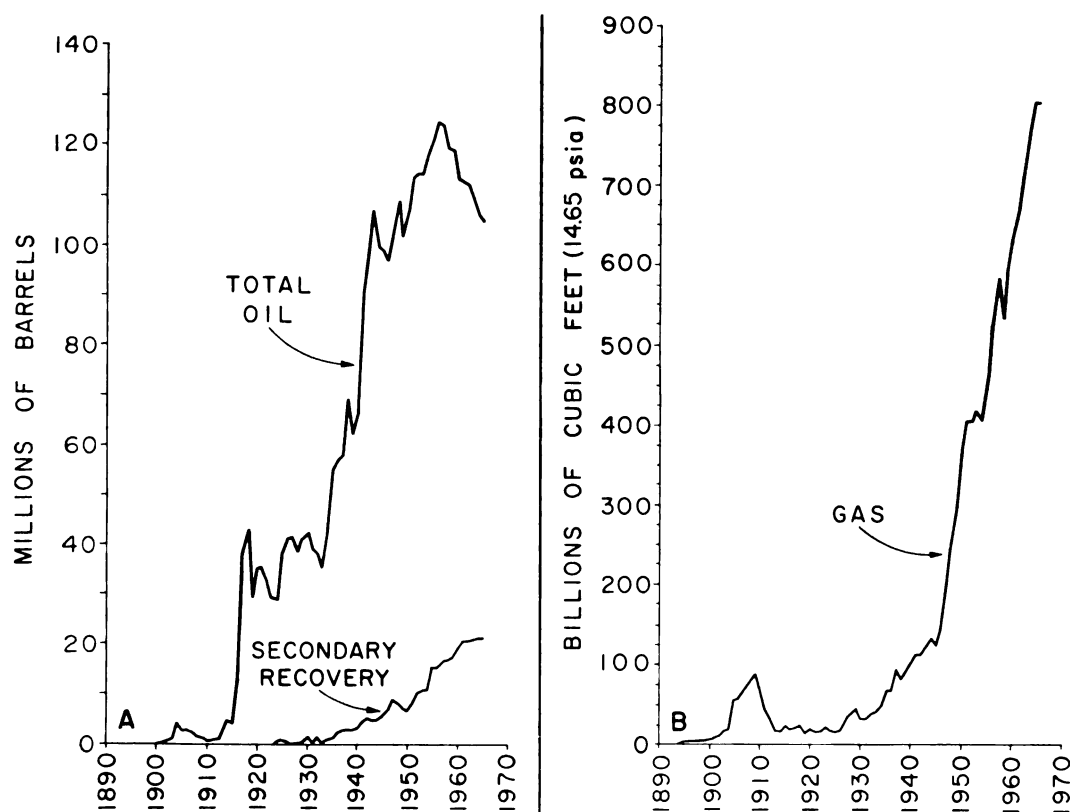


FIGURE 2.—Annual oil and gas production in Kansas from before 1900 to 1965. A, total oil produced, and amount attributed to secondary recovery; B, total gas produced.

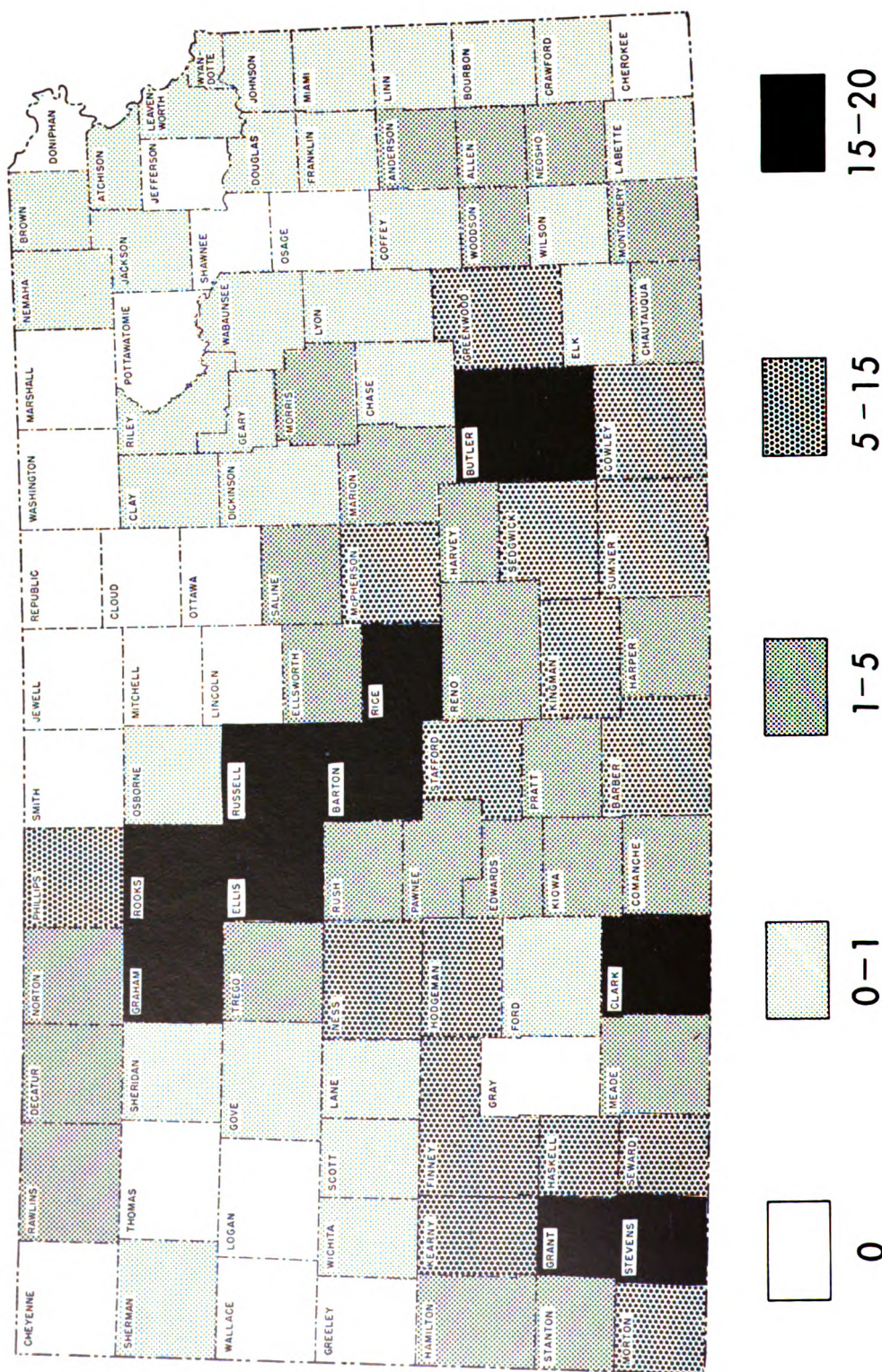


FIGURE 3.—Relative value (in millions of dollars) of 1965 oil and gas production, by county.

Facilities of The University of Kansas Computation Center were utilized in compiling the oil and gas production figures.

IMPORTANT DEVELOPMENTS

Leasing and testing in the areas of eastern Kansas, where low-gravity oil occurs at shallow depths continued during 1965. Experimental methods of recovery being tried out in this area include the use of steam, fire-flooding, and chemical solvents. Little is known about the results of these experiments except that several new projects were underway in 1964 and 1965. The area in Kansas with the greatest amount of over-all (mostly developmental) drilling continued to be the region of the Central Kansas Uplift.

Alamo Chemical Company, a wholly-owned Phillips Petroleum Company subsidiary, began building a 76-million-cubic-foot-per-day gas-processing plant in southwestern Kansas, near Elkhart, Morton County. The plant will recover 400,000 cubic feet of helium per day. Associated with this construction is the installation of 57 miles of 4-inch products pipeline from this plant to Hansford County, Texas.

Kansas Refined Helium Company was building a helium plant near Otis, Rush County, during 1965. Helium produced at this plant will be sold through commercial outlets, and completion is expected early in 1966.

Completion of the above two helium plants will give Kansas a total of six helium plants.

EXPLORATION

Oil and gas explorational and developmental activities in Kansas during 1965 are summarized in Tables 1 and 2. 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 one and a half miles 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. Only wells drilled to completion within the year are counted as 1965 completions in this report. Thus, wells worked over, although completed as producing wells, are not counted as 1965 completions. Unless an unproductive well was drilled expressly for the purpose of injection or for saltwater disposal, or other service, it is classified as a dry hole.

WILDCAT DRILLING AND NEW FIELDS

Of the 414 new wildcat tests reported as drilled, 77 discovered oil and gas fields and 337

were dry, for a success ratio of 1:4.3. Former dry wildcat tests, which were worked over or deepened, opened 10 new fields, giving the State 87 new field discoveries for the year (Table 3). Ness County, with 7 oil fields named, led in the number of new fields. **Schwarm** field, recognized in 1965, had reported production earlier. **Rosalia** field, in Butler County, with 14 oil well completions, was perhaps the most significant discovery. Exploratory drilling in the State was stimulated somewhat during 1965 by the passing of the oil discovery bonus bill by the Kansas State Legislature. This bill, which became effective July 1, 1965, provides for the production of 1.5 times the normal amount of oil from a discovery well and four additional wells in a field for a period of one year. Production allowables vary with depth of production. This bill will be changed, effective January 1, 1966.

Table 4 lists important dry wildcat tests drilled in 1965. Included in this listing are some deep wells which were completed as producers at more shallow depths. They are classified here as dry wildcats on the basis of the deepest stratigraphic unit penetrated, rather than the distance from production.

Successful oil and gas exploration during 1965, as in the past few years, was chiefly related to the Central Kansas Uplift and its flanks, as defined by the pinchout of Mississippian strata in the subsurface. Wildcat exploration was carried on in 76 counties and operations were successful in 39 (Tables 1 and 3). Table 5 lists new zones discovered in producing fields.

During the year, 18 abandoned fields were revived (Table 6), 11 fields were abandoned (Table 7), 37 oil or gas fields were combined with other fields (Table 8), and 63 new pay zones in 58 fields were discovered (Table 5).

WELLS DRILLED DURING 1965

The statute requiring drillers to file an intent-to-drill application with the Oil and Gas Conservation Division of the State Corporation Commission of Kansas has facilitated tabulation of new wells, especially in non-scouted eastern Kansas areas. Figure 4 shows, by county, the geographic distribution of wells tabulated on the basis of applications filed. Table 1 lists, by county, the number of permits issued during 1965.

There were 3,606 wells recorded as drilled in the State during 1965 (Table 2). It is certain that numerous shallow wells in several eastern Kansas counties were not recorded and thus are not included in the above total. It is estimated from Kansas Corporation Commission drilling

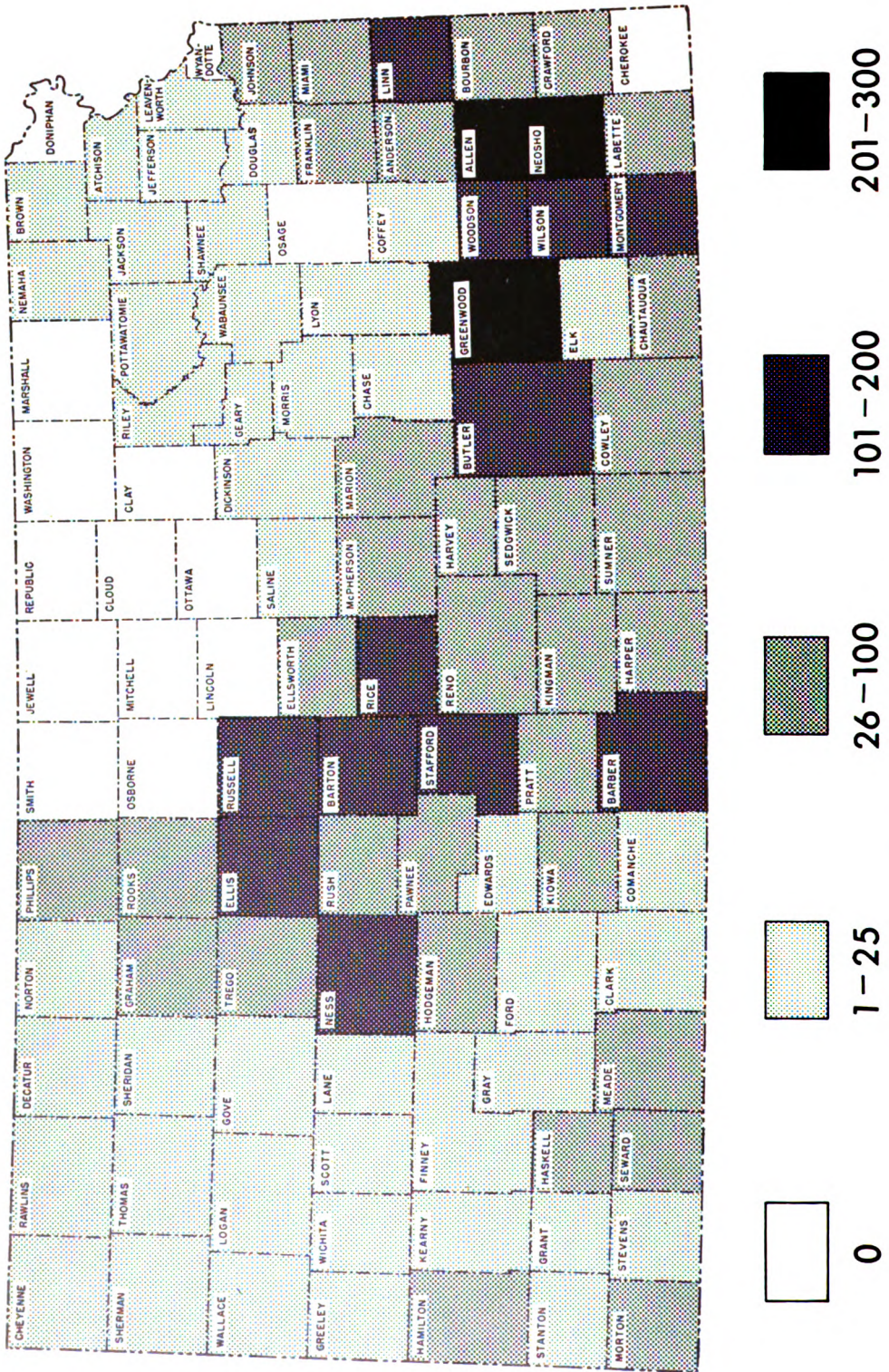


FIGURE 4.—Distribution of intent-to-drill permits issued by State Corporation Commission in 1965.

permits and plugging records, and from other reliable sources, including a survey of secondary recovery projects, that at least 750 such unrecorded wells were drilled in 1965. This brings the total wells drilled during the year to 4,356 (Table 2).

DRILLING RIGS

An average of 295 active rigs (both rotary and cable tool) was reported during 1965, which represents an increase of 17 from the previous year (*World Oil*, February 15, 1966). Rotary rig activity reached a peak of 94 during one month and averaged 70 per month during the year (*Oil and Gas Journal*, January 31, 1966). It is estimated that cable tool drilling accounted for more than 900 wells during 1965.

OIL

PRODUCTION AND VALUE

The 104,658,333 barrels of oil produced in Kansas during 1965 represents a 1.5 percent decrease from 1964. The 2.2 percent decrease in total value of crude oil, from \$310,255,913 to \$303,509,166 is due to decreased production (Table 9).

During 1965 an estimated 47,000 wells produced about 104.7 million barrels of oil. Average oil production per well has declined from 10 barrels per day in 1951 to about 6.2 barrels per day in 1965. An estimated 42,000 of the total number of active oil wells in Kansas may properly be called "stripper wells," producing less than 10 barrels of oil per day. About 68.2 million barrels of oil were produced by these "stripper wells" in 1965, for an average daily production per well of 4.5 barrels.

Oil was produced in 83 counties during 1965. The 10 leading oil-producing counties (Table 10) recorded changes in rank during 1965.

Kansas has 18 counties each of which has produced a cumulative quantity of more than 50 million barrels of oil to the end of 1965 (Table 11). Butler County, in eastern Kansas, ranks first in this group, having produced an estimated 478,137,678 barrels. At the end of 1965 cumulative oil production in Kansas exceeded 3.8 billion barrels.

The El Dorado field in Butler County is the only one of the seven major oil fields (Table 13) that lies east of the Sixth Principal Meridian, which runs through Wichita. This multi-pay field completed 51 years of production during 1965.

The Hall-Gurney field in Barton and Russell counties, with a production of over 3.3 million barrels of oil, assumed the lead in annual production during 1965.

REFINING

The names and locations of 14 refineries operating in Kansas during 1965 are listed in Table 14, as well as their crude capacity, throughput, and products per stream day (*Oil and Gas Journal*, March 28, 1966). Petroleum refining in Kansas during 1965 was at about 87 percent of capacity. Production data by product and plant are not available.

Figure 5 shows monthly allocations of crude oil, as compared with crude oil reported received by Kansas refineries, and pipeline runs in Kansas during 1965. A total of 113,059,513 barrels of crude was run to refineries during 1965 (Table 12). Monthly runs to pipelines and runs to refineries generally did not exceed the amount allocated by the State during 1965. Figure 6 compares 1965 monthly crude oil demand forecast by the U.S. Bureau of Mines, amount nominated by purchasers, amount allocated by the State Corporation Commission of Kansas, and amount actually run by pipeline companies. Purchasers' nominations were below daily average runs during most of the year.

SECONDARY RECOVERY AND PRESSURE MAINTENANCE

Secondary recovery activities in the State are continuing to increase. Oil production by these

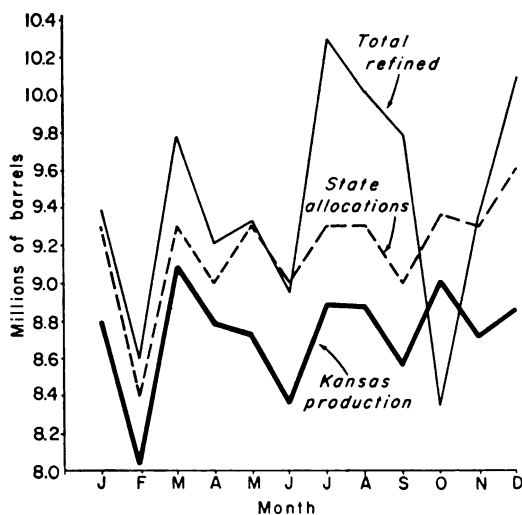


FIGURE 5.—Monthly comparison of crude oil allocated, amount refined, and production in Kansas during 1965.

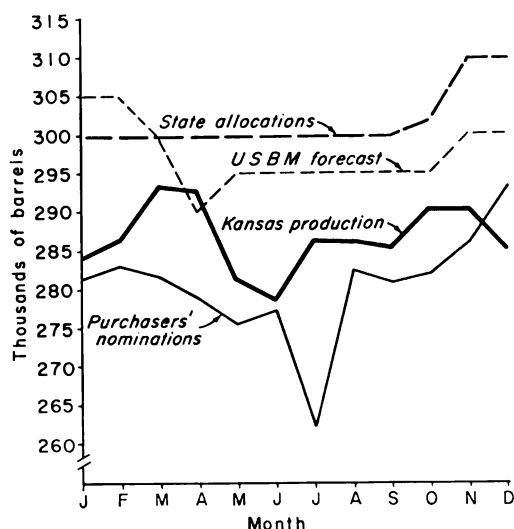


FIGURE 6.—Comparison of daily average crude oil forecast, nominated, allotted, and production, by months, in Kansas during 1965.

methods has risen from an estimated 7 million barrels in 1949 to an estimated 21.8 million barrels in 1965, or about 20.9 percent of the annual production (Table 2). Figure 2 shows graphically the amount of oil produced by secondary recovery methods in Kansas, compared to total oil production.

Repressuring of oil-bearing rocks by injection of water, air, gas, or a combination of these agents, has become a principal method of oil production in Kansas since this practice was sanctioned by State law in 1935.

During 1965, the State Corporation Commission issued 183 permits for secondary recovery operations, 24 more than issued in 1964. The areal distribution of these permits issued in 1965 in relation to the active projects reported during 1965 is shown in Figure 7. The names of the operators to whom permits were issued and the locations of the projects are given in Table 15.

NATURAL GAS

PRODUCTION AND VALUE

Natural gas production during 1965 totaled 808,788,878,000 cubic feet (calculated at a base of 14.65 psia), a decrease of 0.7 percent from the preceding year. Since 1956, annual gas production has exceeded 500 billion cubic feet, and since 1943 it has been more than 100 billion cubic feet. The estimated value of natural gas, compared to 1964, increased by 9.7 percent to

\$97,054,665. This increase in value was due entirely to a more realistic price that was used in estimating the value of the gas produced.

An average price of 12.5 cents per thousand cubic feet, measured at 14.65 psia, has been applied to all Kansas gas production. Minor amounts of non-prorated production probably brought a higher price.

Natural gas was produced in 56 counties in 1965 (Table 1), with 16 counties producing 5 billion cubic feet or more (Table 16). Twenty-three counties in Kansas now have a cumulative production of 20 billion cubic feet or more of natural gas, as of the end of 1965 (Table 18).

Cumulative gas production for the State exceeds 12.3 trillion cubic feet. The Permian gas production (mostly from the **Hugoton Gas Area**) represents about 74 percent of the total.

The 1965 consumption of marketed natural gas in Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota is reported as a unit quarterly by the U.S. Bureau of Mines. A detailed breakdown of use within Kansas during 1965 is given in Table 17.

Because the demand for natural gas is seasonal, storage of gas during the slack season has been developed. Table 19 gives the locations and capacities of various Kansas underground natural gas storage projects.

HUGOTON GAS AREA

Because the **Hugoton Gas Area** is one of the world's largest known gas reserves, it merits some special comments. The estimated reserves in the entire field at the beginning of 1965 were approximately 35 trillion cubic feet. Production during 1965, 574 billion cubic feet, amounted to 71 percent of the total Kansas gas production, an increase of 1 percent compared to the previous year. Production by year since 1956 from the Kansas portion of the field is shown in Table 20.

With the assistance of S. J. Lewis, Gas Proration Analyst, of the Conservation Division of the State Corporation Commission, and Dwight's Oil and Gas Reports, county gas production figures and county cumulative totals for the **Hugoton Gas Area** have been prepared for this report. These data are given in Table 21.

The **Hugoton Gas Area**, as defined by the Nomenclature Committee of the Kansas Geological Society, 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. The area is about 60 miles wide and 85 miles long (north-south), taking in two entire counties (Stevens and Grant) and parts of seven others

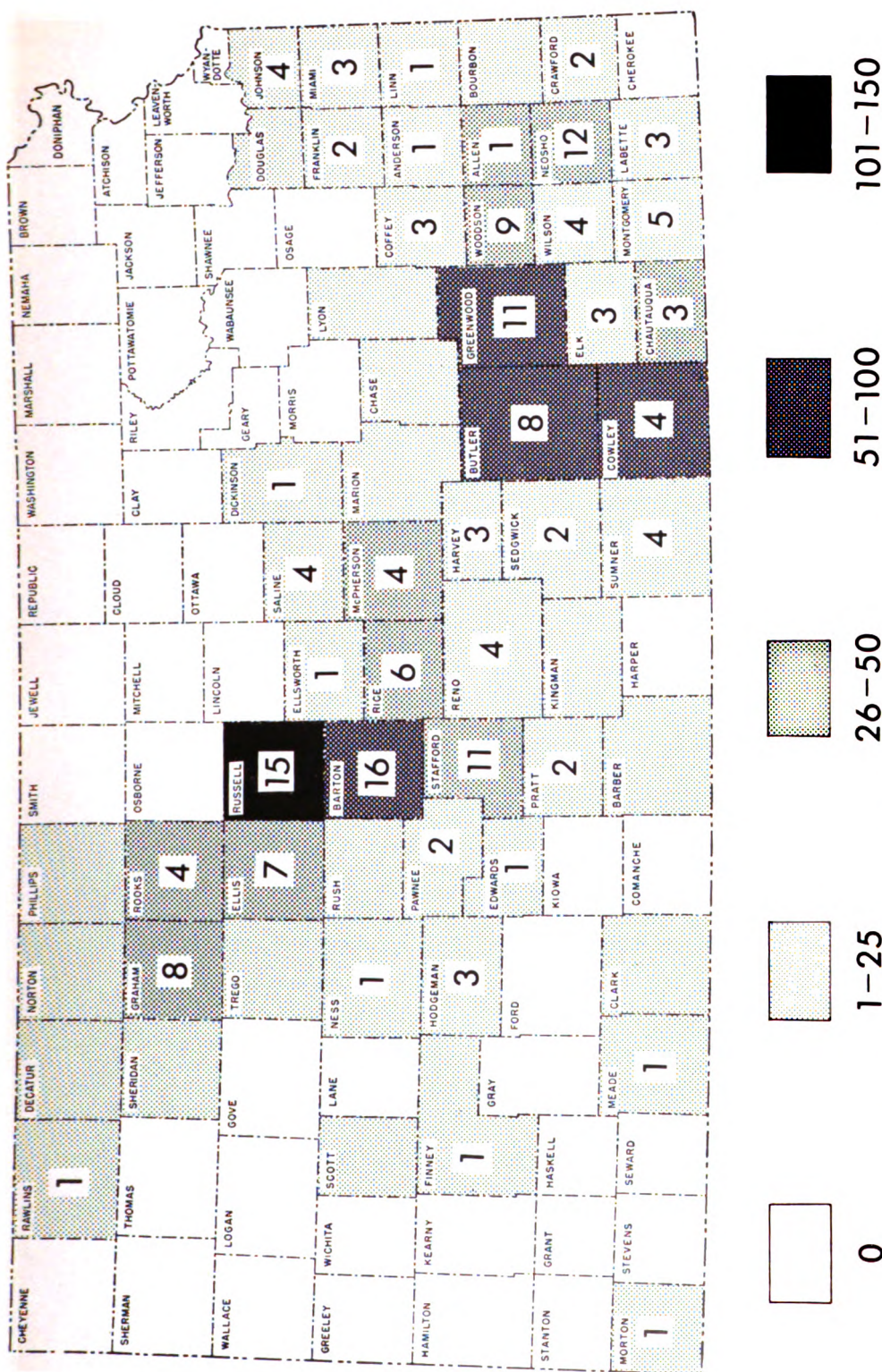


FIGURE 7.—Secondary recovery permits issued during 1965 (numbers) compared to total active projects reported, 1965 (shown by patterns). (Projects reported from Dilts, R. L., 1966.)

(Finney, Hamilton, Haskell, Kerney, Morton, Seward, and Stanton). The **Hugoton Gas Area** also extends into the Oklahoma and Texas panhandles.

Table 22 lists an average analysis of ten natural gas samples taken during late 1964. Sampling was done by four major pipeline companies operating in the **Hugoton Gas Area**. Only Morton County, of the nine counties included in the **Hugoton Gas Area**, is not represented in the samples. The methane content ranged from a high of 82.3 percent to a low of 59.4 percent in the ten samples. The nitrogen content ranged from 30.7 to 8.9 percent. The helium content of these samples ranged from 0.67 to 0.36 percent. The 985 BTU figure is an average of values ranging from 1,047 to 825 BTU's per cubic foot of gas.

Figure 8 shows the concentration of plants now operating in the **Hugoton Gas Area**. They include eleven natural gasoline plants, two helium extraction plants, and a plant that produces carbon black. One LPG underground storage area is in use in Grant County.

PIPELINE DEVELOPMENTS

Numerous trade journals and industrial magazines cover in detail the pipeline construction throughout the United States. Therefore, mention is made here of only the more important developments during 1965.

Cities Service Gas company installed 35 miles of 26-inch pipeline from Lawrence, through Tonganoxie, to Kansas City, Missouri. This replaced a 16-inch pipeline and boosted by 17 percent the amount of gas that could be delivered to the Kansas City metropolitan area distributor—Gas Service Company. The pipeline gives an additional 250-million cubic feet of gas daily for Kansas City, Missouri, and 100-million cubic feet daily to the Fairfax industrial area in Kansas City, Kansas. The company also replaced 6 miles of 16-inch line with 20-inch pipeline between Hunt Junction and Tonganoxie, and 2.3 miles of 16-inch with 26-inch line between Ottawa and Tonganoxie.

Panhandle Eastern Pipeline Company's \$40 million construction project will boost peak-day natural gas deliveries 13 percent in six midwestern states. It constructed 263 miles of large-diameter pipeline, including the first use of 36-inch pipe on the Panhandle system. An additional 27,800 horsepower in compressor units at eight stations and enlarged underground storage facilities at **Howell** and **Waverly** fields also are planned. The new facilities will boost Pan-

handle's winter-day sales capacity by 235 MMcf for delivery in Kansas, Missouri, Illinois, Indiana, Ohio, and Michigan.

The Kansas Power & Light Company laid 39 miles of 22-inch pipeline from Calista to Hutchinson. It also installed 9 miles of 12-inch line from Junction City to Fort Riley. The Kansas-Nebraska Natural Gas company laid 26 miles of 4-inch and 4½ miles of 3-inch pipeline from Tribune to Sharon Springs. Baca Gas Gathering System, Inc., during 1965, was constructing a 40-mile pipeline connecting the Midway, Greenwood, and Flank fields, in southeastern Colorado, to the Panhandle Eastern Pipeline Company's facilities in Morton County, Kansas. Northern Natural Gas Company installed lines near Clifton, Macksville, Bushton, and Tescott.

RELATED PETROLEUM AND NATURAL GAS PRODUCTS

HELIUM

Helium extraction in Kansas, reported by the U.S. Bureau of Mines, increased from 2,183,347,000 cubic feet in 1964 to 2,570,789,000 cubic feet in 1965, an increase of over 17.7 percent. The 1965 production was more than 50 times the 40,149,000 cubic feet reported for 1962. Of this total (2,570,789,000 cf), it is estimated that 936,420,000 cubic feet was extracted from gas produced outside Kansas and shipped into the State for processing; 1,634,369,000 cubic feet of helium, valued at \$20,118,566 was estimated to have been extracted during 1965 from Kansas produced gas (Table 2). Revenue from helium extracted during 1965 amounts to \$30,422,000, reflecting the considerable increase in quantity.

NATURAL GAS LIQUIDS

Kansas production of natural gas liquids during 1965 from 21 natural gasoline plants was 19,688,100 barrels. The average daily production of natural gasoline and LPG in 1965 from all Kansas plants was 53,938 barrels, compared to 52,509 for the previous year (Table 23). The estimated value averaged \$2.00 per barrel. Plant locations are given in Figure 8. Additional storage capacity totaling 1.47 million barrels was added during 1965. Anadarko Production Company tripled the capacity of its gasoline plant in Morton County. Liquids-production capacity was increased to 10,800 gallons per day. Kansas-Nebraska Natural Gas Company permanently shut down its Deerfield natural gasoline plant in Kearny County. Mid-America Pipeline Com-

pany increased the capacity of its products line, running north and east from Conway, from 5.7 million gallons per day to 6.25 million gallons per day.

CARBON BLACK

Production of carbon black in Kansas increased during 1965 by 11.6 percent. The Oil and Gas Conservation Division of the State Corporation Commission of Kansas reported that 53,647,565 pounds of carbon black, valued at \$2,950,616 was produced in the Columbian Carbon Company's plant near Hickok, Kansas (Table 25).

RESERVES

The reserves concept within the petroleum industry is a highly involved one in which there are conflicting views about the defining factors and the statistical ways in which these factors are used. As used by the State Geological Survey of Kansas, reserves are those quantities of crude oil, both liquid and gaseous, which are presumed to exist and which could be produced by present recovery methods.

More than 150,000 exploratory and developmental wells have been drilled in Kansas over the years. However, the distribution of these wells is such that there are entire counties in Kansas which have had fewer than a dozen ex-

ploratory wells drilled in them. Additional supplies of liquid and gaseous hydrocarbons must come from future exploration. In Kansas there are many geologically favorable areas still unexplored.

The proved reserves and production of oil and gas in Kansas from 1946-1965 are shown graphically in Figures 9 and 10. The contrast between production and reserves is demonstrated in these two graphs, as are the trends of production and depletion of reserves.

Estimated proved reserves of crude oil, natural gas liquids, total liquid hydrocarbons, and natural gas are shown in Table 26. All estimates are taken from the American Petroleum Institute and American Gas Association's annual report on reserves (1965). Their estimates for gas reserves are reported at a base of 14.73 psia at 60° F. These estimates (Table 26) have been converted to 14.65 psia at 60° F to conform to Kansas gas statistics. It should be emphasized that the figures in this report represent proved reserves of crude oil, natural gas liquids, and natural gas. The reserve figures used in this report 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

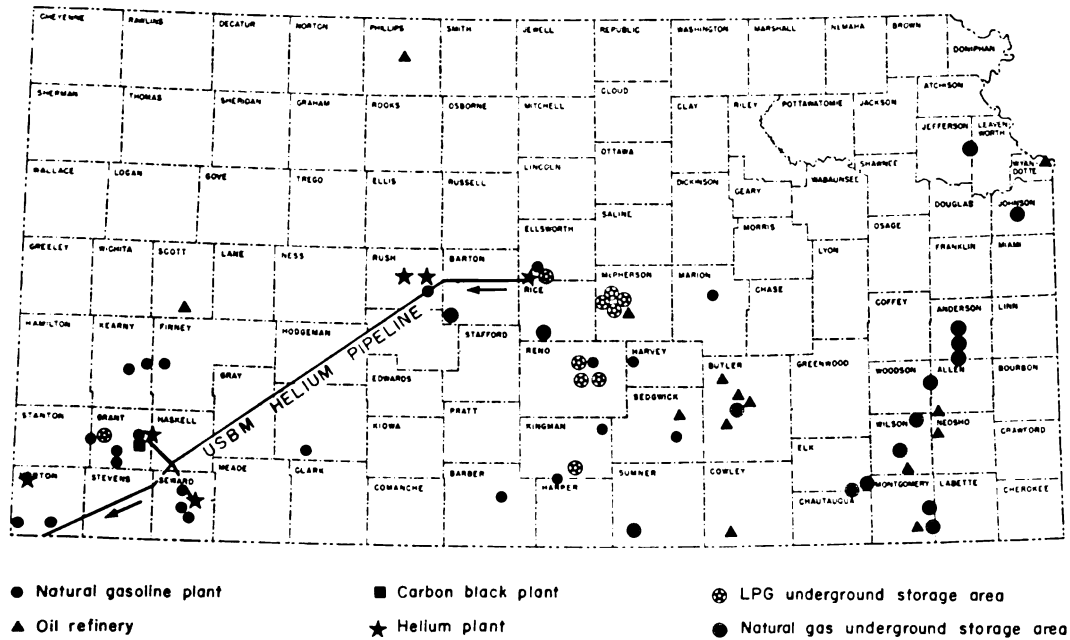


FIGURE 8.—Kansas fractionation plants, helium pipelines, and underground storage sites.

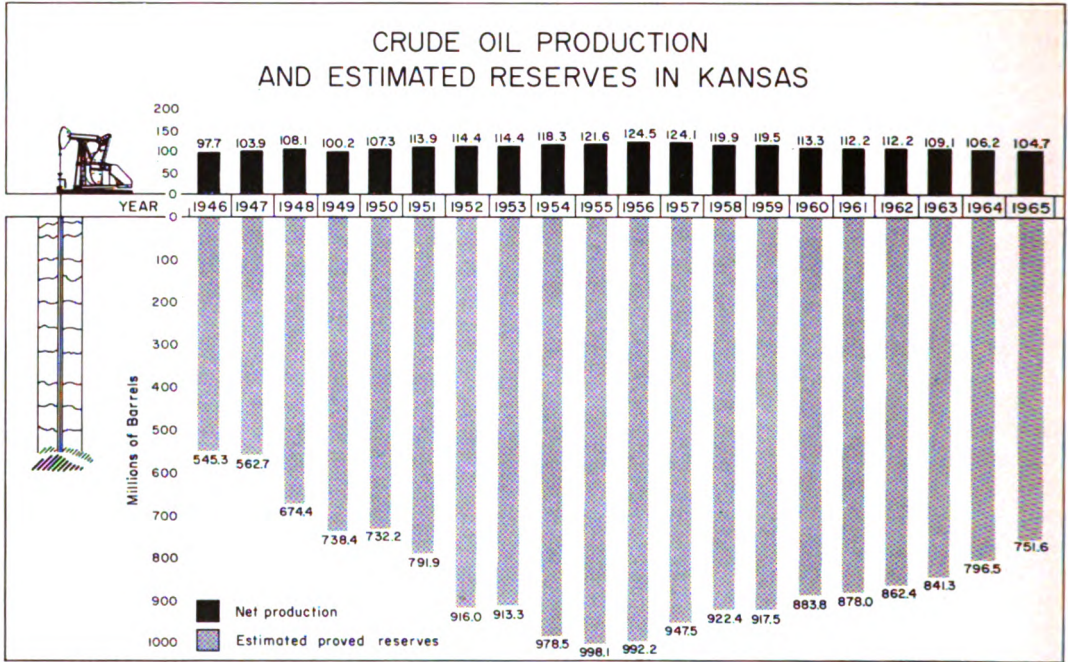


FIGURE 9.—Comparison of crude oil production and estimated reserves in Kansas, 1946-1965.

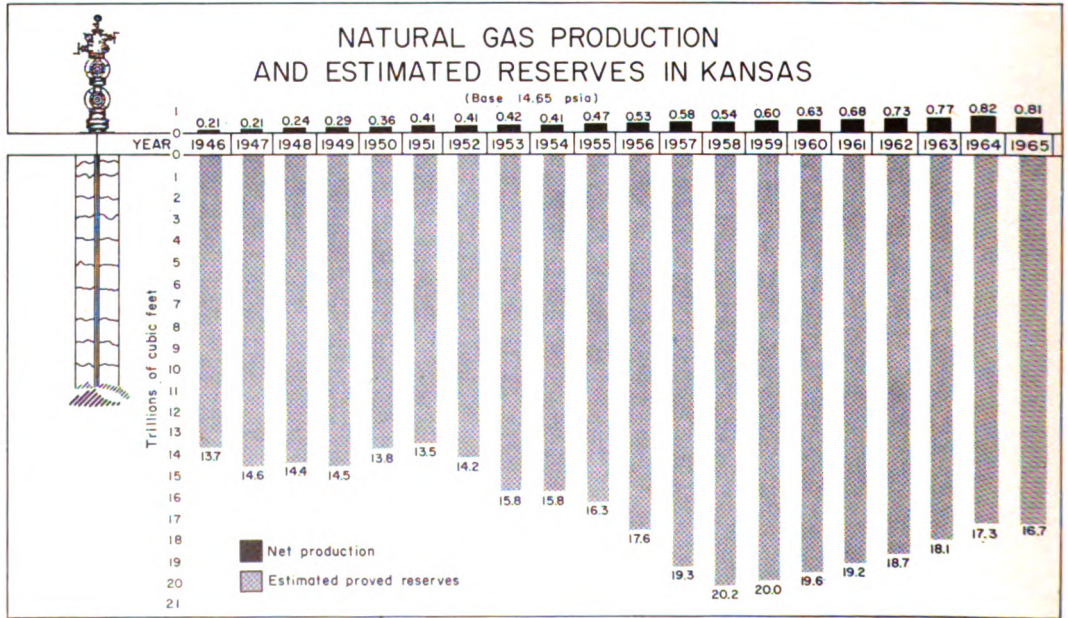


FIGURE 10.—Comparison of natural gas production and estimated reserves in Kansas, 1946-1965.

been applied; (5) oil that may become available through chemical processing of natural gas; and (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 "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. Kansas does not have compulsory unitization. Approval by the Corporation Commission is necessary for spacing programs and voluntary unitization of royalty interests. The Conservation Division also issues monthly oil and gas proration reports for many of the State's fields, supervises pro-

ductivity 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, 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. New regulations issued during 1964, which became effective on July 1, 1964, reduced the conservation assessment paid to the State Corporation Commission by oil and gas operators. The oil production assessment was reduced from 0.001 to 0.00075 cents per barrel. The gas production assessment was reduced from 0.00025 to 0.000125 cents per thousand cubic feet. 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. 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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TABLES

TABLE 1.—Summary of 1965 operations in Kansas, by county.

County	No. producing fields	Oil production, bbl	Gas production, Mcu ft	Wells drilled in 1965					Reworked wells					No. producing oil wells	No. producing gas wells		
				Oil	Gas	Oil and gas	Repressure or disposal	Dry wildcats	Total dry	Oil	Gas	Oil and gas	Repressure or disposal			Dry	
Allen	11	815,063	613,996	66	...	...	44	...	...	...	...	...	1	264	294	1,809	120
Anderson	8	381,128	80,000	31	...	...	15	...	...	...	...	...	...	...	62	1,183	15
Atchison	1	167	...	...	...	...	...	1	1	...	...	...	...	1	1	1	...
Barber	50	1,192,090	34,734,507	24	38	3	3	6	59	1	3	...	1	...	130	605	445
Barton	134	8,126,646	1,405,072	69	5	...	8	1	100	19	1	...	3	...	190	3,168	22
Bourbon	4	50,564	...	6	...	...	3	...	...	...	...	...	...	2	34	93	...
Brown	1	4,462	...	...	...	...	...	2	3	...	...	...	...	...	3	2	...
Butler	71	5,583,466	123,400	76	...	...	30	11	54	4	...	...	2	...	160	2,778	17
Chase	7	67,237	80,000	3	3	...	1	1	5	...	...	...	...	1	12	8	49
Chautauqua	21	885,207	339,345	9	1	...	1	4	14	...	2	...	...	1	73	88	61
Cherokee	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...
Cheyenne	0	...	...	...	...	...	...	6	7	...	...	...	...	...	7	7	...
Clark	9	192,903	14,022,293	4	2	...	1	2	11	...	...	...	...	...	21	23	116
Clay	1	3,697	...	...	...	...	...	...	...	...	...	...	...	...	...	0	2
Cloud	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...
Coffey	9	120,990	1,000	8	...	...	3	...	1	1	...	...	...	...	20	24	3
Comanche	9	50,675	7,531,739	...	1	1	...	5	9	...	...	...	...	...	11	12	32
Cowley	92	3,000,062	3,974,628	26	1	...	6	7	55	5	...	...	2	...	91	94	666
Crawford	7	85,596	80,000	14	...	...	10	...	...	...	...	...	...	...	67	75	15
Decatur	19	448,478	...	1	...	...	...	1	4	...	...	...	...	...	5	5	...
Dickinson	4	50,451	10,000	1	...	...	...	1	6	...	...	...	...	...	7	7	8
Doniphan	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...
Douglas	1	39,546	25,000	0	...	...	...	1	3	...	...	...	...	...	3	3	10
Edwards	21	259,555	2,882,828	1	4	1	...	4	9	4	...	...	...	2	17	20	123
Elk	29	160,507	436,008	1	...	...	...	1	7	1	...	...	...	...	12	15	49
Ellis	128	8,724,398	...	68	...	...	7	15	107	16	...	...	4	...	182	176	...
Ellsworth	19	1,400,496	186,082	14	...	...	2	7	21	2	1	...	...	...	39	42	3
Finney	13	1,321,881	40,431,690	5	...	...	...	2	7	...	...	...	...	...	12	9	649
Ford	4	12,801	113,304	1	...	...	...	3	5	...	...	...	...	...	6	5	3
Franklin	5	213,517	80,000	28	...	...	4	...	...	...	...	...	...	...	40	45	15
Geary	2	2,041	...	1	...	...	...	...	...	...	...	...	...	...	4	5	2
Gove	6	297,748	...	3	...	...	1	11	24	...	...	...	...	...	28	24	27

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TABLE 1.—Summary of 1965 operations in Kansas, by county (concluded).

County	No. producing fields	Oil production, bbl	Gas production, Mcu ft	Wells drilled in 1965					Reworked wells					Total new wells drilled*	No. intents to-drill issued	No. producing oil wells	No. producing gas wells						
				Oil	Gas	Oil and gas	Repressure or disposal	Dry wildcats	Total dry	Oil	Gas	Oil and gas	Repressure or disposal					Dry	Fields discovered	Fields revived	Fields combined	Fields abandoned	
Ottawa	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pawnee	35	1,067,767	1,844,277	6	2	.....	.....	4	6	33	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phillips	16	2,083,143	.....	33	.....	.....	.....	1	7	21	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottawatomie	0	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pratt	42	1,314,697	2,613,704	10	3	.....	.....	2	5	22	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rawlins	8	547,689	.....	1	.....	.....	.....	1	8	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reno	26	1,238,029	2,118,536	12	2	.....	.....	2	20	29	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Republic	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rice	55	5,991,862	1,276,943	61	4	.....	.....	1	4	76	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Riley	2	169,461	.....	1	.....	.....	.....	.....	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rooks	88	5,356,837	.....	37	.....	.....	.....	7	4	37	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rush	20	317,392	1,808,552	10	7	.....	.....	2	9	26	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Russell	47	8,731,949	369,027	56	1	.....	.....	10	3	33	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saline	16	663,916	.....	12	.....	.....	.....	2	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scott	6	79,915	209,797	.....	.....	.....	.....	.....	6	26	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sedgewick	36	2,490,015	80,000	9	.....	.....	.....	3	6	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seward	21	1,199,346	26,628,544	11	12	3	.....	.....	9	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shawnee	0	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheridan	10	333,459	.....	.....	.....	.....	.....	1	7	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sherman	1	27,343	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Smith	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford	165	4,961,099	2,234,532	64	.....	.....	.....	.....	2	103	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stanton	8	16,097	31,344,286	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stevens	11	467,028	184,053,394	1	13	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sumner	62	2,564,156	714,337	12	2	.....	.....	1	11	45	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thomas	0	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trego	36	1,520,555	.....	19	.....	.....	.....	2	13	38	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabaunsee	7	250,589	.....	2	.....	.....	.....	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallace	0	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wichita	1	980	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wilson	10	306,157	418,039	88	.....	.....	.....	52	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woodson	16	936,134	4,000	23	.....	.....	.....	13	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyandotte	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Includes estimated wells.

Source: Corporation Commission of Kansas.

TABLE 2.—Oil and gas data and percentage changes for Kansas and the United States, 1964-65.

	Kansas figures		Change from previous year, %	
	1964	1965	Kansas	United States
Crude oil production (bbl)	106,252,025*	104,658,333*	-1.5	+2.4
Crude oil attributed to secondary recovery (est. bbl)	21,800,000	21,800,000	0.0	.....
Value of crude oil produced	\$310,255,913†	\$303,509,166	-2.2	.....
Kansas oil production as percentage of U.S. total	4.0	3.9	-2.5	.....
Average price of oil (bbl)	\$2.92‡	\$2.92	0.0	0.0
Rank of Kansas among oil-producing states	7th	7th	0.0	.....
Proved reserves of liquid hydrocarbons, at year end (thousands of barrels)	1,006,527§	951,946§	-0.5	+1.6
Ratio of proved liquid hydrocarbon reserves to current annual production	8.7:1	9.1:1	+4.6	.....
Oil-producing area of "western Kansas" (acres)|| .....	976,418	992,230	+1.6	.....
Gas-producing area of "western Kansas" (acres)|| .....	3,223,760	3,298,760	+2.3	.....
Natural gas production (M cu ft)	809,328,250*	808,788,878*	-0.7	+3.9
Value of natural gas produced	\$89,026,108#	\$97,054,665**	+9.2	.....
Proved reserves of natural gas (MM cu ft)	17,372,489§	16,652,903§	-4.1	+1.9
Ratio of proved natural gas reserves to current annual production	21.5:1	20.6:1	-4.2	.....
Helium production (Kansas gas only) (M cu ft)	1,465,000	1,634,369	+11.6	.....
Value of helium produced (Kansas gas only)	\$18,150,392	\$20,118,566	+10.8	.....
Total helium production (M cu ft)	2,183,347	2,570,789	+17.7	.....
Total value of helium produced	\$26,608,373	\$30,422,000	+14.3	.....
Production of natural gasoline and natural gas liquids (LPG) (gal)	802,750,000*	826,872,984*	+3.0	+4.1
Value of natural gasoline and LPG††	\$38,226,000	\$39,374,904	+3.0	.....
New oil and gas fields named‡‡	94	87	-7.4	.....
Recorded well completions in Kansas:				
Oil§	1,465	1,458	-0.5	.....
Gas§	175	208	+18.9	.....
Oil and gas§	24	11	-54.0	.....
Dry	1,530	1,504	-1.7	.....
Repressure or disposal	411	425	+3.4	.....
Unrecorded, estimated|| .....	841	750	-10.8	.....
Total recorded and estimated	4,446	4,356	-2.0	-8.5
Wildcats and discovery wells (included in total above)	492	414	-15.9	-10.7

* 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 @ 60°F.

† Crude oil value does not reflect exact total value of oil produced; price was reduced April 15, 1964.

‡ Price changed April 15, 1964.

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

Represents an average of 11 cents per M cu ft @ 14.65 psia applied to all Kansas production.

** Represents an average of 12.5 cents per M cu ft of gas @ 14.65 psia applied to all Kansas production.

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

‡‡ Revived fields are omitted.

§§ Includes field wells and new discoveries.

|| Counties for which number of wells drilled is entirely or in part estimated include Allen, Anderson, Bourbon, Chautauqua, Coffey, Crawford, Elk, Franklin, Greenwood, Labette, Linn, Miami, Montgomery, Neosho, Wilson, and Woodson. Estimates are based on "intent-to-drill" records and data available from the Secondary Recovery and Pressure Maintenance Committee's questionnaires.

TABLE 3.—Oil and gas fields named in Kansas during 1965.

County, field, and location of discovery well	Discovery well	Producing zone	Production depth, ft	Month named	Initial production
Barber County					
Moffett West C NW SW 9 30S 15W	Tenneco Oil Co. No. 1 Lee "A"	Viola	4592-4611	Dec.	152 bbl o
Mulberry East C SE SW 32 30S 14W	Bright & Schiff No. 1 Mills	Douglas	3840-3842	July	34 bbl o & 20% w
Warwick C NW SE 12 31S 11W	E. K. Edmiston No. 1 Warwick-Alexander*	Mississippian	4519-4524	Oct.	Gas field temp. abnd.
Barton County					
Axman Northeast SE NE NE 18 17S 14W	Three G Oil Co., Inc. No. 1 S. Axman	Arbuckle	3400-3405	Oct.	118 bbl o
Erna South NW NW NE 31 18S 14W	Chas. Carlock No. 1 Schneider*	Lans.-K.C.	3360-3365	Aug.	35 bbl o
Mater NE NW SW 11 17S 15W	Three G Oil Co., Inc. No. 1 Mater	Lansing	3239-3242	Aug.	312 bbl o
Parrish C N/2 NW NW 1 20S 13W	National Assoc. Petr. Co. No. 1 Parrish	Arbuckle	3451-3466	Aug.	16 bbl o & 56% w
Twenty SW SW NW 25 18S 15W	Imperial Oil Co. No. 1 Schneider	Arbuckle	3514-3527	Oct.	189 bbl o
Butler County					
Rosalia NW NW SW 12 25S 7E	Dianne McCarthy No. 1 Gish	Squirrel	2487-2490	Feb.	50 bbl o & 77% w
Coffey County					
Dunaway East SE SE NW 13 22S 13E	Alco Drlg. Co., Inc. No. 1 Beyer*	Viola	2194-2198	April	10 bbl o & 20 bbl w
Comanche County					
Yellowstone North C S/2 SE NW 16 35S 16W	James F. Smith No. 1 McMoran	Marmaton Viola	4923-5024 5645-5812	Dec.	2,400 Mcfg 5,800 Mcfg
Cowley County					
Biddle Northwest SE SE NW 36 31S 4E	Stewart Oil Co. No. 1 Laren Holt	Lans.-K.C.	2364	Feb.	30 bbl o & 45 bbl w
Little Cedar Creek NE NW NE 2 32S 5E	L. A. Watson Oil Co. No. 1 Koons-Pile	Layton	2362-2365	March	48 bbl o & 120 bbl w
Elk County					
Thomas 29S 12 & 13E	Field discovered previously but not reported. Producing zone not known.				
Ellis County					
Dechant West NE NE SW 1 15S 19W	Alpine Oil & Royalty Co. No. 1 Dechant	Arbuckle	3679-3685	Oct.	141 bbl o
Ellis Southeast NW NW NW 8 13S 20W	Glickman Oil Co. No. 1 Noah "A"	Lans.-K.C.	3461-3466	Nov.	Dry & abnd.
Gatschet SE SW NW 13 13S 19W	Martin & Keller No. 1 Gatschet	Toronto Lans.-K.C.	3334-3364 3390-3558	March	88 bbl o
Meserve SW SW NW 18 15S 20W	Rains & Williamson Oil Co. No. 1 Meserve	Conglomerate	3928-3931	July	76 bbl o
Mixer S/2 S/2 NW 7 11S 20W	D & D Drilling Co., Inc. No. 1 Mixer "C"	Arbuckle	3668-3675	June	106 bbl o
Polifka Southeast NE NW NE 17 13S 17W	A. Scott Ritchie No. 1 Staab "A"	Arbuckle	3606-3613	Oct.	49 bbl o
Wallace NW NW NW 33 15S 20W	Rains & Williamson Oil Co. No. 1 Wallace	Conglomerate	3978-3983	July	210 bbl o & 4% w
Ellsworth County					
Kootz NE NE NW 7 17S 9W	Tomlinson-Kathol, Inc. No. 1 Kootz	Arbuckle	3289-3293	Oct.	68 bbl o
Schlessiger NE NE SW 30 16S 10W	Messman-Rinehart Oil Co. No. 1 Schlessiger*	Lansing	3041-3045	June	2,196 Mcfg SIGW
Ford County					
Bucklin Northwest (Abnd.) C NW SE 36 28S 22W	Time Petroleum Co. No. 1 Cook	Mississippian	5173-5177	Dec.	Abnd. prod.

County, field, and location of discovery well	Discovery well	Producing zone	Production depth, ft	Month named	Initial production
Coon Creek C SW SW 2 26S 21W	Mull & Amerada Petr. No. 1 Wetzell	Mississippian	4770	Dec.	Dry & abnd.
Geary County					
Aye NW NE SW 4 12S 8E	Silas M. Ransopher No. 1 Aye	Conglomerate	1857-1873	July	20 bbl o & 4% w
Gove County					
Four Corners C SE NE 27 14S 29W	Brooks Hall No. 1 Foos*	Mississippian	4324-4342	Aug.	Dry & abnd.
Graham County					
Emor Northeast C NE SW 26 9S 25W	King Resources Co. No. 1 Spies	Lansing	4032-4042	Aug.	96 bbl o
Jackson Branch SW SW SW 5 9S 23W	Kaiser-Francis No. 1 Engleman	Lansing	3847-3851	March	86 bbl o
Lindenman West C NW SW 31 6S 25W	Okmar Oil Co. No. 1 Ward	Lans.-K.C.	3842-3847	Nov.	95 bbl o
Martha Washington East C NE SW 19 10S 24W	Rupe-Stoskopf No. 1 Hobbs	Lansing	3913-3922	Feb.	40 bbl o
Greenwood County					
Bernard Branch NE SE SE 33 22S 10E	Perry Hanson No. 1 Underwood	Bartlesville	2149-2183	Aug.	59 bbl o & 31% w
Harper County					
Duquoin C SE NE 10 31S 7W	Colorado Oil Co. No. 1 Mathes	Mississippian	4346-4363	Dec.	215 bbl o
Maple Grove C SE SW 36 30S 7W	Rains & Williamson No. 1 Russell	Simpson	4710-4714	April	42 bbl o & 62% w
Harvey County					
Annelly West NE NW SE 3 24S 2E	Donald C. Slawson No. 1 Moore "E"	Burgess	2819-2820	Aug.	67 bbl o & 40% w
Haskell County					
Lemon Northeast C SE SE 23 29S 33W	Pan-American Petr. Corp. No. 1 Wright	Kansas City "B"	4655-4677	Dec.	Gauged 1,750 Mcft & 96 bbl & 2½ bbl w Gauged 6,183 Mcft & 124 bbl o
		Des Moines	5126-5128		
Kearny County					
Beymer C NE SE 28 21S 35W	Shallow Water Ref. Co. No. 1 Beymer*	Marmaton	4512-4514	May	104 bbl o
Beymer Northwest C SE SE 19 21S 35W	Shallow Water Ref. Co. No. 1 Johnson	Marmaton	4608-4610	Dec.	128 bbl o
Lake McKinney NW SW 17 24S 35W	Aikman Bros. Corp. No. 1 C. E. Bentrup	Morrow	4792-4797	June	86 bbl o
Kingman County					
C P & W C NE NW 35 27S 7W	Mack Oil Co. No. 1 Meade	Kansas City	3590-3594	Oct.	100 bbl o
Hostetler C NE NW 32 30S 7W	Mack Oil Co. No. 1 Hostetler	Viola	4752-4768	Dec.	Dry & abnd.
Kiowa County					
Alford West C NW SE 15 30S 19W	Anadarko Prod. Co. No. 1 Sealey "A"	Mississippian	5102-5112	Aug.	84 bbl o & 70% w
Nichols Northwest C SW SW 11 29S 19W	Carter & Mandel No. 1 Unruh	Mississippian	5036-5043	Oct.	17 bbl o & 120 bbl w
Parkin 200' E of C NE 10 30S 18W	K & E Drlg. Co. No. 1 Parkin	Mississippian	4991-5001	Dec.	2,500 Mcft
Schwarm C NE SW 32 29S 17W	Calvert-Mid America, Inc. No. 1 Schwarm	Mississippian	4879	April	60 bbl o & 60 bbl w
Thach C SW NE 20 29S 19W	Graham-Michaelis Drlg., Inc. No. 1-20 Thach	Mississippian	5122-5138	Aug.	5,780 Mcft

TABLE 3.—Oil and gas fields named in Kansas during 1965 (concluded).

County, field, and location of discovery well	Discovery well	Producing zone	Production depth, ft	Month named	Initial production
McPherson County					
Spring Valley C SW NW 21 20S 1W	George Hess & Sons, <i>et al.</i> No. 1 Otte	Mississippian	2973-2998	May	25 bbl o
Marion County					
Covert-Sellers East SW NW SE 16 21S 4E	Range Oil Co. No. 1 Berns	Hunton	2449-2457	Feb.	15 bbl o & w
Morton County					
Borth C NW NE 18 33S 41W	Sidwell Oil & Gas, Inc. No. 1 Borth	Morrow	5000-5005	Dec.	10 bbl o & 10 bbl w
Cimarron Valley SW C NE NE 19 33S 40W	Anadarko Prod. Co. No. 1 Low "B"	St. Louis	5699-5702	July	207 bbl o
Ness County					
Dewald C NE SW 7 19S 21W	Donald C. Slawson No. 1 Dewald "A"	Mississippian	4291-4299	July	47 bbl o
Dubbs SE SE NE 31 16S 24W	Owen Snow Pet. Eng. No. 1 Dubbs*	Mississippian	4519-4523	July	150 bbl o & 70% w
Fritzler C NE SE 27 19S 25W	Rains & Williamson No. 1 Fritzler	Mississippian	4504-4515	April	26 bbl o & 43% w
Osgood SW NE 21 16S 23W	Cities Service Oil Co. No. 1 Scherzinger "A"	Mississippian	4556-4558	June	132 bbl o
Prairie Ridge C SW SW 7 16S 26W	Empire Drlg. Co. No. 1 Armstrong	Lansing Mississippian	4148-4158 4512-4522	Aug.	79 bbl o & 20% w 182 bbl o
Riverside NE NE 13 20S 23W	Pickrell Drlg. Co. No. 1 Betz "C"	Mississippian	4336-4342	June	91 bbl o
Steffen West 150' SE of C SE SW 25 20S 21W	Pickrell No. 1 Wells "D"	Osage	4397	May	40 bbl o & 85% w
Pawnee County					
Carpenter North C SW NW 24 23S 17W	Messman-Rinchart Oil Co. No. 1 Barstow*	Penn. Basal congl.	4180-4188	Jan.	Dry & abnd.
Penicks C SW SE 29 20S 17W	O. A. Sutton No. 1 Penicks	Arbuckle	4003	Aug.	Dry & abnd.
Phillips County					
Kinter SW NW SW 20 4S 19W	Rine Drilling Co. No. 1 Kinter*	Lans.-K.C.	3211-3303	Oct.	5 bbl o & w
Stoneman South C SE SW 29 4S 18W	Petroleum Mgmt. No. 1 Van DerWege	Lansing	3104-3220	Feb.	60 bbl o & 13% w
Reno County					
Beck West C NE SW 14 23S 9W	Solar Oil Co. No. 1 Roach	Conglomerate	3725-3728	Oct.	105 bbl o
Rice County					
Canzoneri SE SE SW 10 21S 9W	Lebsack Oil No. 1 Canzoneri	Mississippian	3273-3281	Oct.	2,500 Mcfg
Hohl NW SW NW 12 18S 10W	Alpine Oil Co. No. 1 Hohl	Arbuckle	3270-3285	Oct.	33 bbl o
Shumway West C SE SE 8 20S 8W	Wofford Oil Co. No. 1 Miller	Simpson	3518-3523	Aug.	17 bbl o & 60 bbl w
Riley County					
Yace Northwest SE NE NE 22 11S 8E	O. F. Prah No. 1 Barry	Conglomerate	1588-1600	Aug.	10 bbl o & 20 bbl w
Rooks County					
Natoma Northwest C E/2 E/2 E/2 16 10S 16W	Raymond Oil Co. No. 1 Post-Conger Unit*	Lans.-K.C.	3262-3268	Aug.	48 bbl o
Palmberg SE NE SW 33 10S 19W	Martin & Keller No. 1 Palmberg	Lans.-K.C.	3418-3422	May	63 bbl o
Twin Mound SE NE SE 4 9S 17W	Pickrell Drlg. Co. No. 1 Hrabe "D"	Arbuckle	3483-3487	Oct.	59 bbl o & 10% w

County, field, and location of discovery well	Discovery well	Producing zone	Production depth, ft	Month named	Initial production
Rush County					
Greenwalt East NE SE SW 16 19S 16W	Oscar Stutenroth No. 1 Hagerman	Arbuckle	3753	July	14 bbl o & 28 bbl w
Schadel NE NE SW 31 19S 20W	Pubco Petr. Corp. No. 31-11 Schadel	Mississippian	4394-4397	July	161 bbl o
Russell County					
Hagerman North NE NE NE 28 11S 15W	Nadel & Gussman No. 1 Strecker	Arbuckle	3332-3339	July	40 bbl o
Rogg SE SE NE 7 13S 14W	Jay-Bee Oil Co. No. 1 Rogg	Lans.-K.C.	2864-2870	Oct.	46 bbl o & 50% w
Roosevelt NE NE NE 26 15S 15W	Neven H. Veail No. 1 Dumlér "A"	Lans.-K.C.	3314-3317	Nov.	30 bbl o & 30% w
Sedgwick County					
Minneha West SW SW NE 15 27S 2E	United Investment Co. No. 1 Brown	Simpson	3295-3299	April	4 bbl o
Sheridan County					
Hoxie East C NE NE 6 9S 28W	Murfín Drlg. Co. No. 1 Clark	Lans.-K.C.	3994-3996	Nov.	Temp. comp. —4 bbl o & 100 bbl w
Stafford County					
Albano South SW NW NE 13 25S 14W	Kern & Hellar Drlg. Co. No. 1 Kachelman	Arbuckle	4261-4266	Nov.	76 bbl o
Baver West SE SW NW 30 21S 14W	Halliburton Oil Prod. Co. No. 1 Phillips	Lans.-K.C.	3471-3475	Aug.	104 bbl o & 30% w
Bunyan SW SW SE 18 25S 12W	Bowers & Carter-Mandel No. 1 Bunyan	Lansing	3616-3676	Dec.	20 bbl o
Sumner County					
Ashton Southeast SE NW SE 30 34S 2E	Carter-Mandel No. 1 Turner	Cherokee	3408-3432	July	4,500 to 5,000 Mcfg SIGW
Belle Plaine SE SE NW 35 30S 1E	Mack Oil Co. No. 1 Carter	Simpson	3617-3621	Oct.	84 bbl o
Trego County					
Cedar Bluff C NE SW 20 14S 22W	Murfín Drlg. Co. No. 1 Wheeler	Cherokee	4076-4150	Aug.	Temp. abnd.
DeMurry C SE NE 3 11S 22W	Rock Island Oil & Ref. Co. No. 1 DeMurry†	Lans.-K.C. Marmaton	3638-3642 3814-3822	Feb.	25 bbl o
Flax SW SE NW 26 13S 21W	Imperial Oil of Kansas No. 1 Flax	Arbuckle	4007-4025	May	50 bbl o
Kuppetz SW SW NE 4 14S 21W	Birmingham & Bartlett Drlg. Co. No. 1 Kuppetz	Arbuckle	4052-4056	Dec.	18 bbl o & 12% w
Kutina West C NW SE 24 15S 22W	Shields Oil Prod., Inc. No. 1 Dickman (Halbleib)	Cherokee	4202-4208	Nov.	122 bbl o & 8% w
Wabaunsee County					
Paxico C SW SW 23 11S 11E	McClure Oil Co. No. 1 Zeller	Hunton	2411-2413	May	12 bbl o & 96% w

* Old well worked over.
† Rock Island Oil & Refining Company. #1 DeMurry was completed May 5, 1965, with estimated production of 25 bbl oil per day from Marmaton rocks. It was reworked, and completed as the DeMurry-Hilger on October 5, 1965, with an initial potential of 9 bbl oil & 9% Water from Lansing rocks at 3638-3642 & 3681-3688 feet.
Fields listed represent the official action of the Kansas Geological Society's Nomenclature Committee during 1965. 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.

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TABLE 4.—Important dry wildcat tests drilled in Kansas during 1965.

County, company, and farm	Location	Surface elevation, ft (KB)	Depth to top of formation, ft								Total depth, ft		
			Heebner	Lans.-K.C.	Missis- sippian	"Kinder- hook"	"Hunton"	Viola	Simpson	Arbuckle		Granite wash	Precam- brian
Atchison County													
C. C. Stevens No. 1 Theodore H. Kleoppper Est.*	SW SE SE 7 7S 19E	1,155	.....	703	1,821	2,010	2,229	2,573	.....	.....	.....	.....	2,718
Brown County													
Wayne Petr. Co. & G. W. Strake* No. 1 Stanley Stover	C NE NW 7 2S 16E	1,152	.....	1,104	2,475	2,648	2,905	.....	.....	.....	.....	.....	2,945
Chase County													
Dale Frey No. 2 Byron Blosser	SE SW SW 16 21S 6E	1,313	1,697	2,017	3,390	3,729	3,830	3,863	3,934	4,004	.....	.....	4,030
Cheyenne County													
John O. Farmer, Inc. No. 1 Crabtree*†	C SE SE 14 1S 40W	3,363	.....	4,336	5,081	.....	.....	.....	.....	.....	.....	.....	5,175
Ellsworth County													
Sun Oil Co. No. 1 Bohata*†	C SE NE 15 15S 9W	1,595	2,524	2,656	.....	.....	.....	.....	.....	3,027	.....	3,493‡	3,700
Finney County													
Cities Service Oil Co. No. 1 Finnup "A"*	C SW NW 20 21S 27W	2,720	3,986	4,022	4,685	4,878	.....	.....	.....	5,160	.....	.....	5,200
Jackson County													
Fred B. Anschutz No. 1 Marshall	C SE NE 12 9S 12E	1,074	942	1,182	2,295	2,406	2,664	3,111	3,236	3,310	.....	3,375	3,382
Johnson County													
Max P. Dean No. 1 Keplerle-Barry	NE SE NW 2 13S 22E	954	.....	.....	1,019	.....	1,443	1,470	.....	.....	.....	.....	1,515
Leavenworth County													
C. C. Stevens No. 1 Walden*	NE NE NE 15 10S 22E	983§	.....	.....	1,198	.....	1,609	1,716	1,745	.....	.....	.....	1,763
Meade County													
Burk Royalty Co. No. 1 Eland	C NW NE 30 30S 26W	2,509	4,236	4,387	5,245	.....	.....	.....	.....	.....	.....	.....	5,590
Burk Royalty Co. No. 1 Randle*	C SE SW 1 31S 26W	2,604	4,393	4,560	5,390	.....	.....	.....	.....	.....	.....	.....	5,800
Socony Mobil Oil Co. No. 1 Staples Estat†	C SE NW 21 34S 30W	2,695§	4,454	4,599	5,925	.....	.....	.....	.....	.....	.....	.....	6,601
Nemaha County													
Herb Schafer Drilling No. 1 B. Havercamp	NW NW NW 8 2S 12E	1,200||	.....	.....	.....	.....	.....	.....	.....	.....	688	693	708

[illegible]

• Electric or radioactivity log available.
† Sample log available.

‡ Metasediments.
§ Estimated Kelly

‡ Metasediments.
§ Estimated Kelly Bushing.

|| Estimated surface elevation.
St. Peter.

TABLE 5.—New producing zones in oil and gas fields in Kansas, 1965.

County, field, and location of discovery well	Discovery well	Producing zone	Production depth, ft	Month of discovery	Initial production
Barber County					
Deerhead North	Aylward Drlg. Co.	Mississippian	4792-4798	June	2,050 Mcfg
NE NW 14 32S 15W	No. 2 Skinner "Z"	Viola	4992-4997		126 bbl o
ILS	Bowers Drlg. Co., Inc.	Douglas	3721-3731	June	5,400 Mcfg
NW SW SW 9 31S 11W	No. 1 Axline	Mississippian	4411-4427		7,200 Mcfg
Mingona	CRA, Inc.	Douglas	3727-3729	Oct.	46 bbl o & 43 bbl w
C NW NW 22 31S 13W	No. 1 Smith "B"				
Barton County					
Bart-Staff	Sunray DX Oil Co.	Simpson	3534-3540	May	Oil
SW SE NE 33 20S 14W	No. 1 McGreevy*				
Chaffee South	E. K. Edmiston	Kansas City	3338-3362	Aug.	67 bbl o & 1% w
NE NE NE 7 20S 13W	No. 1 Russell Brewer*				
Clafin Northeast†	Walter J. Nelson	Arbuckle	3353-3357	Nov.	46 bbl o & 12 bbl w
NW NW NW 2 18S 11W	No. 1 Praeger*				
Mater	Three G Oil, Inc.	Lansing	3239-3241	Nov.	312 bbl o
SW NE SW 11 17S 15W	No. 1 Edw. Mater†	Arbuckle	.....		
McCauley	Wiggins Drlg. Co.	Topeka	2910-2916	Jan.	22 bbl o & 40 bbl o
NE NE SW 3 18S 13W	No. 1 Riedl*				
Two-Eighty One (281)	Cities Service Oil Co.	Toronton	3109-3112	Aug.	126 bbl o
SW SE NE 27 16S 14W	No. 2 Streck "A"				
Butler County					
Kramer-Stern	Morris Sitrin, Inc.	Viola	3075-3080	Feb.	15 bbl o & 25 bbl w
NW SW SW 27 27S 6E	No. 19 Stern				
Chautauqua County					
Peru-Sedan	Jim Cude	Mississippian	1658-1664	Feb.	1,500 Mcfg
C NW SE 2 34S 11E	No. 1 J. Cude				SIGW
Rich†	Radical Valve Co.	Marmaton	1976-1984	Dec.	500 Mcfg & tr oil
NE SW SE 9 33S 9E	No. 1 Buchele*				
Clark County					
Snake Creek	Ashland Oil & Ref. Co.	Chesteran	5400-5451	Oct.	120 bbl o
C N/2 12 34S 22W	No. 1-12 Randall				
Coffey County					
Virgil North	Sunray DX Oil Co.	Arbuckle	2145-2158	July	35 bbl o
App. SW SE SW SE	No. 17 Joe Bahr				
14 23S 13E					
Cowley County					
Enterprise Northeast†	Wrico Drlg., Inc.	Layton	2546	Oct.	7,500 Mcfg
NW NW NW 36 33S 3E	No. 1 Walton* (No. 3-B)				SIGW
Stayton	Pyramid Corp.	Pleasanton	2804-2806	Aug.	25 bbl o & 190 bbl w
C S/2 N/2 SW 32 32S 4E	No. 1 Winfield Country Club*				
Edwards County					
Edstaff	D. R. Lauck Oil Co., Inc.	"Kinderhook"	4286-4302	Nov.	10,000 Mcfg
C NE SW 11 25S 16W	No. 1 Barstow				
McClanahan East	Rupe & Stoskopf	Cherokee	4528-4541	Oct.	10,227 Mcfg
NW NW SE 1 26S 18W	No. 1 Newsom*				
Elk County					
Preston	Criger Oil Co.	"Cattleman"	no info.	July	oil
.... .. 12 30S 9E	No. 1 Elliot*				
Schrader	Kansas-Colo. Oil Co.	Fort Scott	2005-2047	Jan.	10 bbl o & 5 bbl w
NE NE SW 13 31S 8E	No. 1 Thompson				
Ellis County					
Solburn	Rains & Williamson Oil Co.	Topeka	3325-3328	Feb.	205 bbl o & 3% w
App NE SW NE	No. 4 Solomon-Burnett*	Lansing	3554-3565		88 bbl o
28 14S 20W					
Ellsworth County					
Schlessiger	Fred Shaffer	Lansing	3169-3174	Oct.	40 bbl o & 2% w
SW SW NE 30 16S 10W	No. 1 Lille				

County, field, and location of discovery well	Discovery well	Producing zone	Production depth, ft	Month of discovery	Initial production
Finney County					
Ivanhoe C NW NW 17 26S 33W	Shell Oil Co. No. 2-17 Stone	Marmaton	4556-4568	Aug.	121 bbl o
Nunn East C NE NE 1 22S 34W	R. W. Lange No. 1 Jennings	Marmaton Morrrows	4382-4429 4624-4626	Oct. Nov.	18 bbl o & 30% w
Gove County					
Jacka C NW NE 8 15S 26W	Empire Drlg. Co. No. 1 Norton	Kansas City	3846-3852	Feb.	319 bbl o
Greenwood County					
Ott NE NE SW 18 22S 13E	Ken-Ben Ent. No. 1 Ott	Viola	2210-2218	Dec.	50 bbl o & 45 bbl w
Polhamus C SW SE 34 24S 9E	Jackson Bros. No. 2 Hill	Arbuckle (Simpson?)	2706-2723	Aug.	15 bbl o & 75 bbl w
Harper County					
Freeport C W SW 32 32S 5W	Dorset Co. No. 1 Herst	Kansas City	3725-3727	Aug.	25 bbl o & 5 bbl w
Hodgeman County					
Wieland App NE SW 16 21S 22W	Petro. Cap. & Bud Spradlin No. 1 Wieland "A"*	Fort Scott	4284-4300	Feb.	40 bbl o
Kingman County					
Varner C NW SE 8 27S 6W	Mack Oil Co. No. 1 Hampel	Mississippian	3744-3754	July	1,265 Mcfg
Willowdale SW NW NW 14 29S 9W	Cities Service Oil Co. No. 1 Mueller "E"*	Indian Cave	2391-2394	July	8,200 Mcfg
Morton County					
Interstate C NW/4 32 34S 43W	Panhandle Eastern Pipe Line Co. No. 1-32 Scott ||	Morrowan	4123-4133	May	13,700 Mcfg
Reno County					
Haven (Abnd.) SW SW SW 10 25S 4W	Midstates No. 2 Schlickau "A"	Viola	3970-3977	Jan.	37 bbl o & 87% w
Rice County					
Kepley C NE SW 6 19S 7W	Imperial Oil Co. No. 2 Wright "A"	Kansas City Arbuckle	3154-3160 3458-3483	July	97 bbl o SWDW
Lyons Townsite NE SE NW 34 19S 8W	Lyon Natural Gas Co. No. 1 Townsite #	Herington	.....	Aug.	gas
Rooks County					
Brav NE NE NW 29 8S 19W	Rains & Williamson Oil Co. No. 1 Lowry	Lans.-K.C.	3242-3246	Nov.	80 bbl o
Gra-Rook SW SE NW 19 9S 20W	Sinclair Oil & Gas Co. No. 6 Copeland*	Lansing	3542-3738	March	10 bbl o & 80% w
Rush County					
Weitzel NE NE SE 2 16S 20W	Phillips Petroleum Co. No. 1 Doerr**	Lans.-K.C.	3415-3424	July	416 bbl o
Weitzel Northeast App NW NW 6 16S 19W	Muir-Thompson No. 1 Schutte	Marmaton	3658-3668	June	23 bbl o & 48 bbl w
Russell County					
Elsasser SW SW SE 14 12S 15W	Fred J. Haynes No. 1 Brandt	Arbuckle	3127-3133	July	25 bbl o
Stafford County					
Ahnert† NE NE NE 35 22S 13W	Brooks Pierce & Don Ingling No. 1 McMillan	Simpson	3758-3762	Aug.	25 bbl o
Cephas NE NE NE 9 25S 14W	Northeastern Petro. Co. No. 1 Collins	Mississippian	4088-4108	Feb.	135 bbl o
Dillwin NW NW SE 16 24S 14W	Sunray DX Oil Co. No. 1 Cotton*	Mississippian	4054-4074	Aug.	10 bbl o & 77% w
Haynes East C SW SW 24 25S 15W	Nadel & Gussman No. 1 Stambaugh*	Kansas City	3942-3947	Oct.	153 bbl o

TABLE 5.—New producing zones in oil and gas fields in Kansas, 1965 (concluded).

County, field, and location of discovery well	Discovery well	Producing zone	Production depth, ft	Month of discovery	Initial production
Hiss South NE NW NE 1 21S 14W	Alpine Oil Co., Inc. No. 1-A Morrison	Lansing	3476-3500	March	25 bbl o
Macksville East NE SW NW 12 24S 15W	Hellar Drlg. Co. No. 1 Suiter	Simpson	4058-4065	Aug.	5,208 Mcfg SIGW
Max North NE SW NE 27 21S 12W	Don Moore Assoc., Inc. No. 2 J. Wilson*	Penn. congl.	3507-3510	April	50 bbl o
Prairie Home† NW SE SE 2 21S 13W	Circle Oil Co., Inc. No. 1 V. Andress	Lansing	3372-3458	Nov.	50 bbl o
Shepherd North SE SE NE 9 22S 11W	Nadel & Gussman No. 1 Fair††	Arbuckle	3519-3522	Aug.	247 bbl o
Shepherd North NE NW NW 9 22S 11W	Rains & Williamson Oil Co. No. 1 Fair	Simpson	3426-3428	Jan.	40 bbl o
Sleepert SE NE NW 27 22S 11W	Time Petr. Co. No. 1 Curtis "AA"	Arbuckle	3645	Feb.	25 bbl o
Steve SW NW NE 23 21S 12W	Aspen Drlg. Co. No. 1 Thul "A"*	Penn. congl.	3501-3505	Aug.	80 bbl
Sumner County					
Belle Plaine App NL NE SE 35 20S 1E	Mack Oil Co. No. 1 George Unit	Kansas City	2716-2734	Dec.	21 bbl o/ 3 hr on test
Bitter Creek SE SE NW 1 35S 1E	Carter & Mandel No. 1 Owens*	Cattleman	3454-3464	Oct.	10,000 Mcfg
Holman E/2 SE SW 26 33S 2E	Donald C. Slawson No. 1 Nelson	Bartlesville	3311-3315	June	142 bbl o
Seydell SE SE NE 8 30S 1E	Shawver-Armour, Inc. No. 1 Lockhart	Mississippian	3349-3351	March	37 bbl o & 18 bbl w
Trego County					
Flax NE SE NW 26 13S 21W	Imperial Oil Co. No. 2 Flax	Marmaton	3962-3982	June	36 bbl o
Ogallah Northwest† SW SE SW 21 12S 22W	Leo J. Dreiling Oil Co. No. 1 Benson	Arbuckle	4093-4100	Nov.	44 bbl o & 12% w

Fields listed represent the official action of the Kansas Geological Society's Nomenclature Committee during 1965. 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.

* Old well worked over.

† Field revived.

‡ Arbuckle reported as new producing zone in field; well completed in Lansing zone.

§ Oil on drill stem test.

|| Well completed in 1956.

Well completed earlier; no record.

** Well completed in 1947.

†† Well completed in 1960.

TABLE 6.—Fields revived in Kansas during 1965.

County, field, and location of revival well	Name	Revival well		Month revived	Initial production
		Producing zone	Production depth, ft		
Anderson County					
Garnett West 24 & 25 20S 19E (unknown)		.....	.....	Aug.	.....
Barton County					
Clafin Northeast NW NW NW 2 18S 11W	Walter J. Nelson No. 1 Praeger*	Arbuckle	3353-3357	Nov.	46 bbl o & 12 bbl w
Pawnee Rock East	(revived and combined with Converse)	.....	.....	Aug.	.....
Chase County					
Bazaar C NE NW 1 21S 8E	P. B. Meyer Leases No. 4 Grace Norton Beedle	Kansas City	1839-1844	Feb.	25 bbl o & 25 bbl w
Chautauqua County					
Rich NE SW SE 9 33S 9E	Radical Valve No. 1 Buchele*	Marmaton	1976-1984	Dec.	500 Mcfg tr oil
Cowley County					
Enterprise Northeast NW NW NW 36 33S 3E	Wrico Drlg., Inc. No. 1 Walton*	Layton	2546	Oct.	7,500 Mcfg SIGW
Rahn Southwest NE NE SE 28 34S 5E	Earl F. Wakefield No. 1 Dunn	"Bartlesville"	2968-2972	April	2 bbl o & 8 bbl w
Elk County					
Preston 12 30S 9E	Criger Oil Co. No. 1 Elliot*	"Cattleman"	no info.	July	oil
Ellis County					
Jacob NE SW NW 6 11S 19W	Stutenroth No. 1 Keller	Lansing	3423-3428	April	40 bbl o
Kingman County					
Spade C SW SW 22 29S 10W	Graybol Oil Corp. No. 1 Thieme	Viola	4577-4579	Aug.	32 bbl o & 43% w
Stafford County					
Ahnert NW SE SE 26 22S 13W	Brooks Pierce, <i>et al.</i> No. 2 Spatz	Arbuckle	3754-3760	Aug.	25 bbl o
Besthorn	(Field erroneously abnd. during 1964)	.....	.....	May	.....
Brock NW NE SE 7 23S 11W	Sloan Oil & Gas Co. No. 1 Brock	Arbuckle	3697-3701	Nov.	39 bbl o & 72% w
Prairie Home NW SE SE 2 21S 13W	Circle Oil Co., Inc. No. 1 V. Andress	Lans.-K.C.	3372-3458	Nov.	50 bbl o
Sleeper SE NE NW 27 22S 11W	Time Petrol. Co. No. 1 Curtis "AA"	Arbuckle	3645	Feb.	25 bbl o
Syms East NW SW NE 21 21S 12W	Circle Oil Co. No. 4 Reiser	Arbuckle	3600-3610	March	50 bbl o
Trego County					
Ogallah Northwest SW SE SW 21 12S 22W	Leo J. Dreiling Oil Co. No. 1 Benson	Arbuckle	4093-4100	Nov.	44 bbl o & 12% w
Woodson County					
Stange 20 24S 16E	(revived and combined with Vernon)	.....	.....	Feb.	.....

Fields listed represent the official action of the Kansas Geological Society's Nomenclature Committee during 1965. 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.
* Old well worked over.

TABLE 7.—Fields abandoned in Kansas during 1965.

County, field, and location of discovery well	Discovery well	Name	Depth, ft	Thickness, ft	Av. gravity	Cumulative production, bbl*	Year discovered	Month abandoned
Allen County								
Iola Northeast	24S 19 or 20E*	"Bartlesville"	1,000	..	....	no data	.....	February
Bourbon County								
Irish Valley†	24S 22E*	"Bartlesville"	.....	..	....	no data	.....	February
Irish Valley South†	24 & 25S 22E*	"Bartlesville"	750	..	....	no data	.....	February
Cowley County								
Jarvis†	13 33S 5E	L. Permian	.....	..	....	no data	.....	February
Ford County								
Bucklin Northwest†	36 28S 22W	Mississippian	5,173	..	....	none	1965	December
Harper County								
Wohlschlegel†	9 31S 6W	Mississippian	4,300	..	....	none	1964	April
Kiowa County								
Johansen	13 28S 19W	Lans.-K.C. Mississippian	4,284 4,864	4 ..	.... ....	31,426 46,214 Mcfg	1954	February
Leavenworth County								
Jarbalot†	8 10S 21E	McLouth	1,270	..	....	no data	1943	February
Norton County								
West Union	21 5S 21W	Reagan	3,678	3	17	5,904	1962	February
Pawnee County								
Penicks	29 20S 17W	Arbuckle	3,987	..	....	none	1965	December
Rice County								
Wellman	28 21S 9W	Kansas City	3,011	3	....	none	1964	February

Data represent the official action of the Kansas Geological Society's Nomenclature Committee during 1965.

* Cumulative figures represent field totals and do not reflect production by individual zones.

† Field description.

‡ Field discovered during 1965 (see Table 3).

TABLE 8.—Fields combined in Kansas during 1965.

County and name of field combined	Discovery well location	Producing area, acres	Producing zone			Year of discovery	Cumulative production, bbl	Month of combination	Combined as part of
			Name	Depth, ft	Thickness, ft				
Barber County									
Whelan East	21 31S 11W	40	Douglas	3,746	...	1954	61	July	ILS
Barton County									
Adolph	16 20S 15W	...	Arbuckle	3,734	...	1947	...	Aug.	Converse
Freese	23 16S 11W	40	Arbuckle	3,366	9	1960	1,311	Feb.	Kraft-Prusa
Pawnee Rock East*	17 20S 15W	...	Arbuckle	...	...	1941	26,408	Aug.	Converse
Butler County									
Fox-Bush	24 29S 5E	5,350	"Bartlesville"	2,730	25	1917	7,574,231	Aug.	Fox-Bush-Couch
Cowley County									
Biddle Northwest	36 31S 4E	...	"Layton"	2,362	...	1965	...	April	Biddle
Couch	13 30S 5E	1,240	"Bartlesville"	2,800	15	1937	2,821,612	Aug.	Fox-Bush-Couch
Edwards County									
Belpre	8 25S 16W	600	Lans.-K.C.	3,800	...	1942	431	Dec.	Wil
Edstaff	12 25S 16W	320	Mississippian Penn. congl.	4,278	...	...	10,323,107 Mcfg	Dec.	Wil
			"Kinderhook"	4,230	...	1955	7,127	Dec.	Wil
				4,285	...	...	...		
Ellis County									
Air Base West	28 13S 16W	40	Lans.-K.C.	3,216	2	1960	1,251	March	Air Base
Air-Braun	27 13S 16W	40	Lans.-K.C.	3,502	2	1958	3,687	March	Air Base
Braun	34 13S 16W	120	Penn. congl.	3,459	7	1953	111,245	March	Air Base
Sessin	5 11S 19W	1,200	Shawnee	2,969	...	1952	1,700,274	Aug	Solomon
			Lans.-K.C.	3,291	7	...	...		
Ubert North	31 12S 17W	320	Arbuckle	3,499	3	1951	622,423	Sept.	Polifka
			Arbuckle	3,600	...	...	...		
Grant County									
Rvus Townsite	25 29S 35W	...	Council Grove	2,845	...	1962	...	Jan.	Panoma Gas Area
Haskell County									
Hopkins†	34 30S 33W	40	Mississippian	5,378	7	1960	22,660	July	Victory
Lemon	33 30S 33W	40	Lansing	4,084	...	1962	589	July	Victory
Lemon Northwest	17 30S 33W	1,000	Lans.-K.C.	4,084	2	1961	844,853	July	Victory
			Marmaton	4,885	2	...	1,246,197 Mcfg		
			Morrowan	5,245	79	...	...		
Kingman County									
Rosedale Northeast	28 29S 6W	700	Lans.-K.C.	3,555	5	1960	254,120	Aug.	Rosedale
			Mississippian	4,149	...	...	...		
			"Misener"	4,495	3	...	...		
McPherson County									
Spring Valley	21 20S 1W	...	Mississippian	2,947	25	1965	...	Dec.	Ritz-Canton

TABLE 8.—Fields combined in Kansas during 1965 (concluded).

County and name of field combined	Discovery well location	Producing area, acres	Producing zone			Year of discovery	Cumulative production, bbl	Month of combination	Combined as part of
			Name	Depth, ft	Thickness, ft				
Ness County									
Schaben South	7 20S 21W	540	Mississippian	4,360	11	1963	92,593	Feb.	Schaben
Rice County									
Rabcock	13 20S 9W	600	"Kinderhook"	3,250	11	1964	51,519	Aug.	Lyons West
Bubcock South	24 30S 9W	40	"Kinderhook"	3,298	6	1964	4,953	Aug.	Lyons West
Rooks County									
Mt. Ayr	13 10S 18W	220	Lans.-K.C. Penn. congl.	3,554 3,648	12	1952	73,199	Feb.	Plainville
Rush County									
Basgall	5 16S 17W	40	Shawnee Arbuckle	 3,520	8 10	1960	877	Jan.	Reichel
Russell County									
Jerry	4 15S 14W	40	Wabunsee Lans.-K.C. Arbuckle	 2,985 .....	.... .... ....	1942	88,078	May	Hall-Gurney
Sedgwick County									
Gillian North†	28 29S 1W	360	Simpson	3,744	16	1963	44,698	Sept.	Gillian & O.S.A.
Seward County									
Condit	8 34S 32W	2,200	Morrowan Mississippian	5,772	....	1962	655,085 Mcfg 19,046	May	Evalyn-Condit
Evalyn	15 33S 33W	3,500	Morrowan Mississippian	5,685 5,822	4 10	1960	4,055,401 Mcfg 249,227	May	Evalyn-Condit
March	7 33S 33W	40	Chesteran St. Louis	6,954 6,228	 12	1963	25,227	May	Evalyn-Condit
Thirty-three	33 33S 33W	40	Chesteran	5,898	13	1960	56,116	May	Evalyn-Condit
Stafford County									
Hufford	33 21S 13W	480	Lans.-K.C.	3,499	....	1948	1,393,357	Feb.	Gates
Syms East*	21 21S 12W	40	Arbuckle	3,565	10	1948	18,569	Sept.	Mueller
Woodson County									
Gordon	13 24S 15E	660	"Squirrel"	1,080	16	1954	232,028	Feb.	Vernon
Stange*	20 24S 16E	60	Marmaton Cherokee	..... .....	.... ....	1938		Feb.	Vernon

* Revived field.

† Hopkins field is in Haskell and Seward counties.

‡ Northern portion of Gillian North was combined with O.S.A.; southern part of field was combined with Gillian.

TABLE 9.—Crude oil price changes in the Midcontinent Area, 1947-65.

Date	Oklahoma-Kansas 30-36.9° gravity, \$/bbl
1947 March 10	1.87
October 15	2.07
December 6	2.57
1948 No changes	2.57
1949 No changes	2.57
1950 No changes	2.57
1951 Frozen at Jan. 25 level	2.57
1952 No changes; frozen	2.57
1953 June 15	2.82
1954 No changes	2.82
1955 No changes	2.82
1956 No changes	2.82
1957 January 3	3.07
1958 October 3	2.93
October 3	3.00
1959 February 20	2.97
1960 No changes	2.97
1961 No changes	2.97
1962 No changes	2.97
1963 No changes	2.97
1964 April 15	2.92
1965 No changes	2.92

Data from *World Oil*, February 15, 1966.

TABLE 10.—Ten leading oil-producing counties in Kansas, 1964-1965.

County	Production, bbl		Rank	
	1964	1965	1964	1965
Russell	9,114,640	8,731,949	1	1
Ellis	9,095,135	8,724,398	2	2
Barton	8,099,398	8,126,646	3	3
Rice	6,332,815	5,991,862	4	4
Butler	5,978,199	5,583,466	5	5
Rooks	5,160,994	5,356,837	7	6
Graham	5,196,573	5,191,525	6	7
Stafford	5,090,741	4,961,099	8	8
Kingman	3,733,402	3,687,545	9	9
Greenwood	3,188,422	3,299,640	*	10

* Cowley County, with 3,358,023 bbl, was 10th in rank in 1964.

TABLE 13.—Leading oil fields (annual production) in Kansas, 1964-1965.*

Field	Year discovered	County	Annual production, bbl		Rank	
			1964	1965	1964	1965
Hall-Gurney	1931	Barton Russell	3,327,854	3,392,482	3	1
Bemis-Shutts	1935	Ellis Rooks	3,567,325	3,359,689	1	2
Spivey-Grabs-Basil	1949	Harper Kingman	3,399,517	3,105,238	2	3
Chase-Silica	1931	Barton Rice Stafford	2,964,368	2,886,302	5	4
Trapp	1936	Barton Russell	2,950,547	2,782,995	6	5
El Dorado	1915	Butler	3,141,303	2,762,571	4	6
Kraft-Prusa	1937	Barton Ellsworth	2,031,408	2,036,951	7	7

* Fields producing more than 2 million bbl during 1965.

TABLE 11.—Counties in Kansas having cumulative production of 50 million barrels or more of oil to end of 1965 (based on recorded and estimated production).

County	Cumulative production, bbl		Rank	
	1964	1965	1964	1965
Butler	472,554,212	478,137,678	1	1
Barton	378,296,962	386,423,608	2	2
Russell	348,504,156	357,236,105	3	3
Ellis	276,876,665	285,601,063	4	4
Rice	251,110,261	257,102,123	5	5
Greenwood	247,879,655	251,179,295	6	6
Stafford	166,425,694	171,386,793	7	7
McPherson	163,250,544	165,454,615	8	8
Cowley	119,549,834	122,549,896	9	9
Rooks	113,183,385	118,540,222	10	10
Ellsworth	101,724,299	103,124,795	11	11
Graham	85,321,438	90,512,263	13	12
Sumner	87,850,755	90,414,911	12	13
Sedgwick	82,163,597	84,653,612	14	14
Reno	68,681,464	69,919,493	15	15
Marion	55,956,494	57,114,787	16	16
Pratt	53,731,037	55,045,734	18	17
Chautauqua	53,861,199	54,746,406	17	18

TABLE 12.—Barrels of oil produced, imported, refined, and exported in Kansas, 1964 and 1965.

	1964	1965
Produced	106,252,025	104,658,333
Imported	40,575,900	39,524,628
Total	146,827,925	144,182,961
Exported	35,950,660	31,123,448
Crude oil refined	110,877,265	113,059,513
Total	146,827,925	144,182,961

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

TABLE 14.—Capacities of Kansas refineries, 1965.

Company and location	County	Nearest town	Charge, bbl./stream day				Crude capacity bbl./cd	Hydrogen treating unit				Production capacity, bbl./stream day		
			Vacuum distillation	Thermal operations	Catalytic cracking	Catalytic reforming		Recycle	Fresh feed	Feed	Unit	Alkyl-ation	Polymer-ization	Lubes
American Oil Co. 19 30S 16E	Wilson	Neodesha	.....	.....	.....	.....	10,000	5,500	7,200	7,200	SR naph.	1,600	.....	.....
American Petrofina Co. of Texas 27 25S 5E	Butler	El Dorado	.....	.....	.....	.....	8,000	4,000	2,800	.....	.....	.....	450	.....
Apco Oil Corp. 34 34S 4E	Cowley	Arkansas City	.....	.....	.....	.....	7,500	4,800	5,000	.....	.....	2,200	.....	.....
Century Refining Co. 13 20S 33W	Scott	Shallow Water	.....	.....	.....	.....	2,500	3,000	.....	.....	.....	800	.....	800
The Chanute Refining Co. 32 27S 18E	Neosho	Chanute	(This plant is now manufacturing waxes.)											
CRA, Inc. 22 3S 18W	Phillips	Phillipsburg	.....	.....	.....	.....	5,000	4,500	2,500	3,500	SR naph.	1,570	.....	1,975
25 34S 16E	Montgomery	Coffeyville	.....	.....	.....	.....	10,000	10,000	4,800	3,000	Mid. dist.	1,500	.....	250
Derby Refining Co. 4 27S 1E	Sedgwick	Wichita	.....	.....	.....	.....	8,700	3,800	2,800	4,000	SR naph.	2,000	.....	150
Mid-America Refining Co. 17 27S 18E	Neosho	Chanute	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	500
Mobil Oil Co. 27 27S 4E	Butler	Augusta	.....	.....	.....	.....	18,500	4,500	10,500	.....	.....	2,400	.....	7,000
National Coop. Refinery Assoc. 5 20S 3W	McPherson	McPherson	.....	.....	.....	.....	2,000	7,000	6,000	8,000	SR naph.	2,500	1,000	400
Phillips Petroleum Co. 34 10S 25E	Wyandotte	Kansas City	.....	.....	.....	.....	29,000	19,000	16,000	27,500	Mid. dist.	6,600	.....	2,500
Skelly Oil Co. 10 26S 5E	Butler	El Dorado	.....	.....	.....	.....	8,500	16,000	15,000	10,000	SR naph.	6,600	.....	500
Vickers Refining Co.* 29 24S 4E	Butler	Potwin	.....	.....	.....	.....	6,000	1,000	3,000	3,000	SR naph.	.....	1,200	.....
Total			334,000	350,585†	83,200	39,300	135,200	82,100	72,600	68,000		27,770	2,550	4,000

† Totals do not include capacities for Vickers Refining Co.
‡ Total includes calendar-day figures converted to stream-day basis.

Data from *Oil and Gas Journal*, March 28, 1966, with modifications.

* Vickers Refining Co. now shut down.

TABLE 15.—Repressuring applications approved in Kansas during 1965.

County	Location, Sec. T R	Name of company	County	Location, Sec. T R	Name of company
Allen	27 24S 21E	Monsanto Chemical Co.	Greenwood	9 25S 13E	Bird-Hanley & Sheedy
Anderson	25 20S 19E	C. C. Stevens	do	13 24S 9E	Clinton Oil Co.
Barton	35 19S 15W	M. J. Bove Operating Co.	do	5 22S 12E	Harold G. Forbes
do	33 17S 11W	Chief Drilling Co., Inc.	do	12 26S 9E	do
do	32 16S 13W	Continental Oil Co.	do	1 22S 11E	E. C. Murphy
do	12 17S 13W	Duke Drilling Co.	do	13 25S 8E	Nadel & Gussman
do	25 19S 11W	Fell & Wolfe Oil Co.	do	27 23S 11E	K. E. Snyder, <i>et al.</i>
do	29 16S 11W	Gulf Oil Corp.	do	27 23S 13E	Vannocker & Crane
do	33 18S 11W	Isern-Wells	do	27 23S 13E	do
do	14 20S 12W	Kewanee Oil Co.	do	23 24S 9E	Vannocker Oil Co. & Leonard M. Ropfogel
do	15 16S 12W	Nat'l. Coop. Refn. Assn.	do	26 27S 8E	K. T. Wiedemann Trust
do	35 19S 15W	R. P. Nixon Operations, Inc.	Harvey	5 22S 3W	Donald T. Ingling
do	25 19S 11W	Okmar Oil Co.	do	5 22S 3W	Kantor Oil Co.
do	18 16S 13W	Shell Oil Co.	do	14 23S 2W	Oil Property Management, Inc.
do	32 18S 11W	Shelley-Miller Drlg., Inc.	Hodgeman	15 21S 21W	Beardmore Drlg. Co.
do	2 19S 12W	Morris Sitrin, Inc.	do	1 23S 23W	do
do	13 17S 11W	Sunray DX Oil Co.	do	20 22S 22W	Sunray DX Oil Co.
do	32 18S 11W	Texaco, Inc.	Johnson	15 14S 22E	Howard R. Thach
Butler	8 23S 4E	Aladdin Petrol. Corp.	do	15 14S 22E	do
do	24 23S 3E	American Petrofina Co. Tex.	do	15 14S 22E	do
do	2 28S 4E	Hammer & MacLean, <i>et al.</i>	do	23 14S 22E	do
do	17 23S 4E	Phillips Petrol. Co.	Labette	33 32S 18E	R. R. Service & Larry Moore Ranch, Inc.
do	9 24S 4E	Pore Boy Oil Co.	do	26 32S 17E	SeKan Drilling Co.
do	6 25S 5E	Clarence Seeber, Opr. & Ramsey, <i>et al.</i>	do	3 35S 21E	Tenneco Oil Co.
do	14 25S 7E	O. A. Sutton	do	11 20S 23E	Robert A. Mason
do	11 25S 7E	O. A. Sutton & Dianne McCarthy	Linn	36 17S 2W	Colorado Oil Co.
Chautauqua	2 32S 10E	Adair Oil Co.	McPherson	36 17S 4W	Melland Drilling Co., Inc.
do	10 34S 13E	Dome Petrol. Corp.	do	8 17S 3W	Dale Reese Oil Co.
do	7 35S 12E	Steiner Drlg. Co.	do	36 17S 4W	Texaco, Inc.
Coffey	35 22S 16E	Glenn B. & Ione P. Boden	Meade	2 33S 30W	Colorado Oil & Gas Corp.
do	11 22S 13E	Vannocker Oil Co. & C. A. Aikman	Miami	1 17S 23E	Dunne Equities, Inc.
do	1 23S 16E	White & Ellis Drilling, Inc.	do	12 19S 24E	Newell Slawson
Cowley	4 34S 4E	E. B. Krider	do	35 15S 21E	Howard R. Thach
do	8 30S 5E	Rex & Morris Drilling Co.	do	30 31S 17E	Chapman & Poland
do	2 30S 4E	Stelbar Oil Corp., Inc.	do	33 33S 14E	Hubert J. Horton
do	16 34S 3E	J. H. Wagner Drilling Co.	do	1 34S 15E	George Kerasotes, <i>et al.</i>
Crawford	34 28S 22E	Dome Petrol. Corp.	do	34 33S 14E	Little Oil Co., Inc.
do	2 28S 23E	E. J. Dunigan, Jr.	do	12 34S 13E	Wayside Oil Co.
Dickinson	26 16S 4E	Slusser Drilling Co.	Morton	16 34S 43W	Anadarko Production Co.
Edwards	26 25S 16W	D. R. Lauck Oil Co., Inc.	Neosho	34 28S 20E	Chapman & Poland
Elk	12 30S 9E	Carl R. Criger	do	34 28S 20E	do
do	25 31S 10E	W. N. Huffine	do	36 28S 20E	do
do	4 29S 13E	Janney Drilling Co.	do	29 28S 21E	do
Ellis	27 14S 16W	Davis Bros.	do	1 29S 20E	do
do	27 12S 16W	Kewanee Oil Co.	do	15 28S 20E	Colorado Drilling Co.
do	10 13S 17W	do	do	15 28S 20E	do
do	2 13S 18W	do	do	30 27S 19E	Phil B. Drane
do	22 11S 18W	Lario Oil & Gas Co.	do	25 27S 17E	Petrol. Equities Inv. Co.
do	24 11S 18W	do	do	15 27S 19E	Tesoro Petroleum Corp.
do	8 12S 17W	Sierra Petrol. Co., Inc.	do	14 28S 18E	do
Elksworth	12 17S 9W	Petroleum, Inc.	do	25 28S 19E	H. F. Williams, <i>et al.</i>
Finney	22 22S 33W	Petroleum Management, Inc.	Ness	34 16S 24W	Pickrell Drilling Co.
Franklin	25 15S 20E	CRA, Inc.	Pawnee	9 23S 17W	Colorado Oil Co.
do	4 16S 21E	Dome Petrol. Corp.	do	8 23S 17W	Gen. American Oil Co. Tex.
Graham	23 10S 21W	Colorado Oil Co.	Pratt	29 26S 12W	Petroleum Management, Inc.
do	32 8S 23W	CRA, Inc.	do	30 27S 13W	Shallow Water Refn. Co.
do	4 9S 24W	Fell & Wolfe Oil Co.	Rawlins	13 1S 35W	Burch Exploration, Inc.
do	9 9S 24W	Herndon Drilling Co.	do	9 26S 4W	Raymond Oil Co., Inc.
do	14 10S 25W	do	Reno	25 23S 4W	S & K Oil Co.
do	10 8S 24W	Hollar Oil Co.	do	36 23S 4W	Se Ro Bee Drilling Co., Inc.
do	14 9S 22W	Nat'l. Coop. Refn. Assn.	do	11 23S 4W	Sunray DX Oil Co.
do	31 6S 22W	E. H. Riggs, <i>et al.</i>			

TABLE 15.—Repressuring applications approved in Kansas during 1965 (concluded).

County	Location, Sec. T R		Name of company	County	Location, Sec. T R		Name of company
Rice	5	21S 6W	F. G. Holl & H. C. Bennett	Stafford	28	24S 13W	Alco Oil & Gas Corp.
do	13	20S 6W	Plains Exploration Co.	do	27	21S 13W	Atlantic Refining Co.
do	24	20S 6W	do	do	27	24S 13W	Atlantic Refining Co. & Phillips Petrol. Co.
do	11	18S 9W	Shallow Water Refn. Co.	do	17	23S 13W	Jay Kornfeld
do	12	19S 10W	Morris Sitrin, Inc.	do	2	22S 14W	Natural Gas & Oil Co.
do	1	20S 6W	Sunray DX Oil Co.	do	28	24S 13W	do
Rooks	3	9S 16W	Max Cohen	do	4	21S 13W	Petroleum, Inc.
do	14	10S 19W	Kewanee Oil Co.	do	34	21S 14W	do
do	33	9S 17W	Phillips Petrol. Co.	do	8	22S 14W	Oil Property Management, Inc.
do	13	10S 19W	Sinclair Oil & Gas Co.	do	35	21S 13W	Socony Mobil Oil Co.
Russell	16	15S 14W	American Petrofina Co. Tex.	do	2	22S 14W	Sunray DX Oil Co.
do	32	11S 15W	Aylward Drilling Co.	do	20	30S 1E	CRA, Inc.
do	12	15S 14W	Cities Service Oil Co.	do	18	30S 2W	Shawver-Armour, Inc.
do	14	15S 14W	Fell & Wolfe Oil Co.	do	17	30S 1E	Sam P. Wallingford, Inc.
do	1	15S 15W	J. W. Hummel, <i>et al.</i>	do	6	34S 2E	Claude Wentworth Drilling Co., Inc.
do	6	15S 14W	J. L. King Operations	Wilson	12	30S 15E	Burk Royalty Co.
do	10	15S 13W	Chet Loving	do	12	28S 15E	Midland Oil & Gas Co.
do	26	14S 13W	Louis M. Mai	do	1	28S 15E	Miller Oil Co.
do	21	14S 14W	Roy Melton	do	31	28S 15E	Gordon J. Willis, <i>et al.</i>
do	6	15S 12W	Nadel & Gussman	do	30	23S 17E	B & H Oil Co.
do	34	14S 14W	Nat'l. Coop. Refn. Assn.	Woodson	29	23S 14E	Barbara Oil Co.
do	17	14S 14W	Okmar Oil Co.	do	24	24S 13E	R. E. French
do	30	14S 14W	do	do	24	24S 13E	do
do	22	15S 13W	Shell Oil Co.	do	19	26S 15E	Pauley Petroleum, Inc.
do	6	15S 12W	Texaco, Inc.	do	29	26S 15E	do
Saline	35	15S 4W	Colorado Oil & Gas Corp.	do	21	25S 15E	Tesoro Petroleum Corp.
do	20	16S 3W	Fell & Wolfe Oil Co.	do	23	23S 14E	Vannocker Oil Co.
do	13	15S 2W	Hollar Oil Co.	do	24	23S 14E	do
do	17	16S 3W	Kirby Petroleum Co.				
Sedgwick	1	26S 1W	Bankoff Oil Co.				
do	29	28S 1E	Kewanee Oil Co.				

Data from Oil and Gas Conservation Division, State Corporation Commission of Kansas, and Oil Field Section, Kansas State Department of Health.

TABLE 16.—Kansas counties producing 5 billion cubic feet or more of natural gas during 1964 and 1965.

County	Production		Rank	
	M cu ft (14.65 psia)			
	1964	1965	1964	1965
Stevens	156,841,110	184,053,394	1	1
Grant	146,725,023	140,319,236	2	2
Morton	92,229,542	94,284,427	3	3
Kearny	88,221,740	81,326,183	4	4
Haskell	53,642,767	45,660,072	5	5
Finney	43,600,228	40,431,690	6	6
Barber	37,206,957	34,734,507	7	7
Stanton	30,751,648	31,344,286	8	8
Kingman	30,206,729	28,603,275	9	9
Seward	27,800,828	26,628,544	10	10
Meade	15,668,535	16,432,747	11	11
Hamilton	13,054,769	14,919,135	13	12
Clark	12,727,000	14,022,293	14	13
Kiowa	13,138,622	11,446,618	12	14
Comanche	8,464,053	7,531,739	15	15
Harper	6,159,896	5,762,888	16	16

TABLE 17.—Consumption of marketed natural gas in Kansas, 1965.

Use	No. customers	Value, cents/Mcf	Amount used, Mcf
Residential	573,000	57.3	86,793,000
Commercial	56,000	40.8	38,442,000
Industrial	.....	24.0	339,072,000
Total		31.6 av.	464,377,000

Data from U.S. Bureau of Mines.

TABLE 18.—Counties in Kansas having cumulative production of 20 billion cubic feet or more of gas to end of 1965 (based on recorded and estimated production).

County	Cumulative production		Rank	
	M cu ft (14.65 psia)			
	1964	1965	1964	1965
Stevens	2,494,208,537	2,678,261,931	1	1
Grant	1,631,083,365	1,771,402,601	2	2
Kearny	1,107,482,725	1,188,808,908	3	3
Morton	1,025,808,542	1,120,092,964	4	4
Barber	670,912,553	705,647,060	5	5
Finney	640,853,433	681,285,123	6	6
Haskell	572,682,881	613,342,953	7	7
Seward	441,328,434	467,956,978	8	8
Stanton	293,683,034	325,027,320	9	9
Kingman	177,101,140	205,704,415	10	10
Meade	130,406,873	146,839,620	11	11
Hamilton	69,555,478	84,474,613	13	12
Clark	70,019,664	84,041,957	12	13
Kiowa	60,075,802	71,542,421	14	14
Pawnee	51,898,371	53,742,648	15	15
Harper	37,988,482	43,751,370	16	16
Rice	37,906,705	39,183,648	17	17
Pratt	33,349,202	35,962,906	18	18
Comanche	25,730,776	33,262,515	23	19
Barton	29,688,519	31,093,591	19	20
Edwards	27,308,495	30,191,323	20	21
Reno	26,940,522	29,059,058	21	22
Stafford	26,569,128	28,803,660	22	23

TABLE 19.—Underground natural gas storage areas in Kansas, 1965.

Company and field or area	Township and range	County	Capacity, M cu ft			Zone
			Working gas	Cushion gas	Total reservoir	
Arkansas Louisiana Gas Co. Collinson	34S 3E	Cowley	1,130,000	440,000	1,570,000	.....
Cities Service Gas Co. Alden	21S 9W	Rice	4,915,000	9,609,000	14,524,000	"Miscner"
Boyer	26S 5E	Butler	385,000	617,000	1,003,000	Wabaunsee
Colony	22,23S 19E	Anderson	4,078,000	4,970,000	9,048,000	"Colony"
Craig	13S 23E	Johnson	1,532,000	4,442,000	5,973,000	"Bush City"
Elk City	31,32S 13,14E	Montgomery and Elk	9,831,000	9,831,000	19,662,000	"Burgess"
McLouth	9,10S 19,20,21E	Jefferson and Leavenworth	5,124,000	7,571,000	12,695,000	"Bartlesville"
Piqua	24,25S 17E	Allen and Woodson	1,525,000	1,651,000	3,175,000	"Colony"
Welda North	21S 19E	Anderson	4,446,000	5,407,000	9,852,000	"Colony"
Welda South	22S 19E	Anderson	5,223,000	6,366,000	11,590,000	"Colony"
Kansas-Nebraska Natural Gas Co. Adolph	20S 15W	Barton	1,607,000	3,445,000	5,095,000	Arbuckle
Union Gas System, Inc. Buffalo	27S 16E	Wilson	3,206,000	3,345,000	8,205,000	Iola
Fredonia	29S 19E	Wilson				"Lavton"
Liberty North	33S 17E	Montgomery				"Squirrel"
Liberty South	34S 17E	Montgomery				"Squirrel"
Longton	32S 12E	Chautauqua				"Lavton"
Total			43,002,000	57,694,000	102,392,000	

Data from Biral, R. B., *Oil and Gas Journal*, May 9, 1966, with modifications.

TABLE 20.—Natural gas production from Kansas part of Hugoton Gas Area, 1956-1965.

Year	M cu ft gas (14.65 psia)	Year	M cu ft gas (14.65 psia)
1956	381,874,779	1961	467,842,078
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

TABLE 21.—Annual and cumulative natural gas production,* by county, Hugoton Gas Area, Kansas.

County	Cumulative production to end of 1964	1965 production	Cumulative production to end of 1965
Stevens	2,480,401,626	178,416,967	2,658,818,593
Grant	1,627,438,476	138,356,294	1,765,794,770
Kearny	1,107,482,725	81,326,183	1,188,808,908
Haskell	558,758,707	42,482,106	601,240,813
Finney	640,707,358	40,431,690	681,139,048
Morton	475,056,009	38,513,981	513,569,990
Stanton	262,571,441	29,398,557	291,969,998
Seward	360,995,643	18,459,943	379,455,586
Hamilton	62,856,476	6,629,108	69,485,584
Total	7,576,268,461	574,014,829	8,150,283,290

* M cu ft @ base 14.65 psia @ 60° F.

TABLE 22.—Average natural gas analysis from Chase pay zone, Hugoton Gas Area, Kansas.

Component	Amount present, %
Methane	72.5
Ethane	5.7
Propane	3.1
Normal butane	1.0
Isobutane	0.4
Normal pentane	0.2
Isopentane	0.2
Hexanes plus	0.1
Nitrogen	16.3
Helium	0.5
Hydrogen sulfide	T
Carbon dioxide	T
	100.0
Heating value*	985

Based on ten pipeline samples taken late in 1964 and early 1965 by four major pipeline companies.

* Calculated gross BTU per cu ft, dry, @ 60°F and 30 inches Hg.

TABLE 23.—Natural gasoline and helium plant survey: plant capacities* and production in Kansas, 1965.

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 products, bbl/y
									Propane	Isobutane	Normal butane	LPG mix		Natural gasoline	Debutanized natural gasoline
Alamo Chemical Co.†	.....	....	....	Morton	Elkhart	76.0	.....	Cryogenic	(helium production 385 Mcfd)				.....
Anadarko Production Co.													
Cimmaron River plant	26	33S	32W	Seward	Liberal	10.0	9.2	Refr.-abs.	.....	.....	.....	5,360	4,715
Interstate plant	29	34S	43W	Morton	Elkhart	6.0	5.7	Refr.-abs.	.....	.....	.....	8,510	8,701
Cities Service Helex, Inc.													
Jayhawk plant	2	29S	35W	Grant	Ulysses	507.0	430.0	Refr.-abs.	(helium prod. 2 MMcf/d)				.....
Cities Service Oil Co.													
Hutchinson fractionator	22	23S	6W	Reno	Hutchinson	.....	.....	.....	255,000	28,000	61,000	.....	31,000
Wilburton plant	33	34S	41W	Morton	Wilburton	5.0	2.3	Refr.	.....	.....	.....	5,300	45,500
Wichita plant	17	28S	1E	Sedgwick	Wichita	125.0	128.0	Abs.	38,000	15,000	40,000	.....	35,100
Colorado Interstate Gas Co.													
Lakin plant	29	24S	36W	Kearny	Lakin	215.0	70.0	Abs.	.....	.....	.....	10,955	91,581
Morton County plant†	18	33S	43W	Morton	Elkhart	112.0	67.0	Abs.	.....	.....	.....	.....	3,670
Hugoton Production Co.	3	30S	37W	Grant	Ulysses	90.0	89.0	Abs.	20,635	24,070	.....	20,950	598,539
Kansas Hydrocarbons Co.													
Burrton plant	16	23S	3W	Harvey	Burrton	3.0	2.5	Refr.	.....	.....	.....	1,800	10,193
Cheney plant	33	27S	5W	Kingman	Cheney	30.0	24.0	Refr.-abs.	7,000	.....	5,000	.....	9,000
Kansas-Nebraska Natural Gas Co., Inc.													
Scott City plant†	.....	....	....	Scott	Scott City	200.0	.....	Refr.	.....	15,000	.....	.....	40,000
Deerfield plant‡	4	24S	35W	Kearny	Deerfield	.....	72.0	.....	2,115	.....	.....	1,720	8,760
Kansas Ref'd. Helium Corp.†	35	17S	16W	Rush	Otis	24.0	.....	Cryogenic	(helium production 500 Mcfd)				.....
Mobil Oil Co.													
Hickok plant	31	28S	35W	Grant	Hickok	144.0	139.0	Abs.	.....	.....	.....	49,000	29,000
Spivey plant	5	31S	8W	Harper	Spivey	70.0	45.0	Abs.	24,000	.....	13,000	.....	29,000
National Helium Corp.||	23	33S	32W	Seward	Liberal	1,000.0	900.0	Refr.	125,000	.....	115,000	.....	100,000
									(helium capacity is 1.17 billion cu ft/yr)				2,580,034
Northern Gas Products Co. #	31	17S	9W	Ellsworth	Bushton	896.0	805.0	Refr.-abs.	536,500	60,800	148,000	61,600	7,261,143
Northern Helex Co.	31	17S	9W	Ellsworth	Bushton	476.0	282.0	Cryogenic	(helium production 1,183 Mcfd)				.....
Northern Natural Gas Co.													
Holcomb plant	3	24S	34W	Finney	Holcomb	185.0	195.0	Refr.	.....	.....	.....	15,800	139,572
Sublette plant	1	32S	33W	Seward	Sublette	325.0	284.0	Abs.	.....	.....	.....	46,300	392,443
Pan American Petroleum Corp.													
Ulysses plant	5	29S	38W	Grant	Ulysses	325.0	282.0	Refr.-abs.	80,000	24,000	83,000	.....	82,000
Kinsler plant	10	30S	37W	Grant	Ulysses	20.0	15.7	Refr.-abs.	.....	.....	.....	.....	16,000
									.....	.....	.....	.....	2,359,200
									.....	.....	.....	.....	141,800

TABLE 23.—Natural gasoline and helium plant survey: plant capacities* and production in Kansas, 1965 (concluded).

Company and plant	Sec.	T.	R.	County	Nearest town	Capacity, MMcf/d	Through-put, MMcf/d	Process method	Production, gpd				Production natural gasoline and allied products, bbl†
									Normal butane	LPG mix	Natural gasoline	Debutanized natural gasoline	
Rounds & Stewart Natural Gasoline Co., Inc.	2	19S	3E	Marion	Marion	30.0	14.0	Refr.-abs.	18,200	3,400	7,400	9,200	312,786
Skelly Oil Co.													
Minncola plant	13	29S	25W	Ford	Dodge City	25.0	NR	Refr.-abs.	6,000			9,000	108,913
Medicine Lodge plant	13	32S	12W	Barber	Medicine Lodge	60.0	NR	Abs.	8,000			9,000	117,699
U.S. Bureau of Mines													
Otis plant	1	18S	16W	Rush	Otis	15.0	9.0	Refr.	(helium production 100 Mcfd)				
Total						4,674.0	3,938.4		1,123,450	155,270	472,400	390,720	19,687,452**
Daily average production for year 1965												53,938 bbl	
Daily average production for year 1964												52,509 bbl	
Daily average production for year 1963												38,460 bbl	
Daily average production for year 1962												19,614 bbl	

* Data on capacities from *Oil and Gas Journal*, May 2, 1966, modified for this bulletin.

† Production information was obtained from the Oil and Gas Conservation Division, State Corporation Commission of Kansas. Figure represents 42-gallon barrels.

‡ Plant under construction.

§ Kansas-Nelraaka Natural Gas Co.'s Deerfield plant was shut down July 19, 1965.

Subsidiary of Northern Natural Gas Company.

** To arrive at more accurate totals, throughput and production are estimated at 80% of capacity when figures were not reported.

†† Helium production (all Kansas plants):

Helium, Grade "A" (refined)

Helium (crude)

Total production

Data from U.S. Bureau of Mines,

Bartlesville, Oklahoma.

19,763 Mcf

2,551,026 Mcf

2,570,789 Mcf

TABLE 24.—Underground LPG storage areas and capacities in Kansas, 1965.

Company	Sec.	T.	R.	County	Nearest town	Capacity, bbl	Product
Cities Service Oil Co.	22	23S	6W	Reno	Hutchinson		
Salt layer (7 caverns)						542,000	Butane
Salt layer (21 caverns)						1,302,000	Propane
Salt layer (3 caverns)						188,000	Crude NGL
Salt layer (2 caverns)						146,000	Isobutane
Salt layer						81,000	Gasoline
Mid-America Pipeline Co.	24	19S	5W	McPherson	Conway		
Salt layer (7 caverns)						1,000,000	Propane
Salt layer (new enlargement) ..						200,000	Propane
Salt layer (2 caverns)						72,000	Isobutane
Salt layer						44,000	Butane
Salt layer (2 caverns)						117,000	Natural gasoline
National Coop. Refinery Assoc.	29	19S	4W	McPherson	Conway		
Salt layer (7 caverns)						350,000	Butanes
Salt layer (30 caverns)						1,550,000	Propane
Northern Gas Products Co.	31	17S	9W	Ellsworth	Bushton		
Salt formation						3,500,000	Butane and Propane
Salt formation (completion 1966) ..						500,000	Butane and Propane
Pan American Petroleum Corp.	5	29S	38W	Grant	Ulysses		
Salt layer (9 caverns)						227,000	LP-gas
Salt layer						20,000	LP-gas
Phillips Petroleum Co.	15	30S	7W	Kingman	Rago		
Salt layer (6 caverns)						417,000	Butane and Propane
Security Underground Storage Co.	28	19S	4W	McPherson	Conway		
Salt bed						4,100,000	Propane
Sinclair Oil & Gas Co.	14	24S	6W	Reno	Hutchinson		
Salt layer (5 caverns) ...						377,000	Propane
Skelly Oil Co.	30	19S	4W	McPherson	Conway		
Salt layer						1,025,000	Propane
Salt layer						120,000	Butane
Tuloma Gas Products Co.	14	24S	6W	Reno	Hutchinson		
Salt bed (10 caverns)						700,000	Butane and Propane
Total						16,078,000	

From Bizal, R. B., *Oil and Gas Journal*, October 18, 1965, with modifications.

TABLE 25.—Quantity and value of carbon black produced in Kansas, 1959-1965 (including fuel used in production).

Year	Carbon black produced		Estimated fuel consumed	
	Quantity, lb	Value	Gas, billion cu ft	Natural gasoline, million bbl
1959	91,644,160	\$6,387,598	4.62	0.39
1960	87,302,185	5,621,236	3.91	0.40
1961	89,936,075	6,243,192	3.65	0.36
1962	102,282,466	7,118,849	3.56	0.42
1963	61,916,880	3,983,554	2.55	0.26
1964	48,061,035	2,643,357	2.10	0.15
1965	53,647,565	2,950,616	1.86	0.18

TABLE 26.—Kansas proved reserves of crude oil, natural gas liquids, total liquid hydrocarbons, and natural gas, and change in storage capacity, December 31, 1965.

	Reserves as of 12-31-64	Extensions and revisions, 1965	Dis- coveries, 1965	Production during 1965	Proved reserves, 12-31-65	Net change in underground storage	Difference in reserves, 1964-65	Percentage change, 1964-65
Crude oil (M bbl•)	796,541	52,281	6,320	103,513	751,629	.....	— 44,912	—5.6
Natural gas liquids (M bbl•)	209,986	489	653	10,811	200,317	+1,470†	— 9,669	—4.6
Total liquid hydrocarbons (M bbl•)	1,006,527	52,770	6,973	114,324	951,946	+1,470	— 54,581	—5.5
Natural gas (MM cu ft‡)	17,372,493	72,343	48,694	813,045	16,652,903	+6,546	—719,590	—4.1

Data from the American Petroleum Institute and American Gas Association, 1965.

• Based on 42 U.S. gallons per barrel.

† From Bizal, R. B., *Oil and Gas Journal*, Oct. 18, 1965, with modifications.

‡ Reported at 14.73 psia and converted to 14.65 psia at 60°F by the State Geological Survey of Kansas.

TABLES 27 AND 28

TABLE 27.—Oil production in Kansas during 1965.

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband. 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thickness, ft	Average gravity
ALLEN COUNTY										
Bronson-Xenia	17-25S-21E	2,300	107,471		153	4	"Bartlesville"	700	18	29
Also in Bourbon County										
Colony West ('22)	15-23S-18E	500	25,410		48	0	"Squirrel"	820	30	32
Also in Anderson County										
Davis-Bronson	24S-21E	900	12,003		51	5	"Bartlesville"	720	25	28
Also in Anderson and Bourbon Counties										
Elsmore Shoestring ('08)	5-26S-21E	1,600	31,652		39	1	"Bartlesville"	650	24	32
Also in Bourbon County										
Elsmore West ('11)	12-26S-20E	300	3,598		17	1	"Bartlesville"	775	20	31
Humboldt-Chanute	26S-18E	10,630	278,626		990	35	"Bartlesville"	850	20	30
Also in Neosho, Wilson, and Woodson Counties										
Iola ('37)	24S-18E	3,000	130,980		296	12	"Squirrel"	850	25	32
Iola Northeast	24S-19E	Abandoned	during 1965				"Bartlesville"	975	20	20
Moran ('03)	25S-20E	2,800	162,302		157	0	"Bartlesville"	1,000		22
Neosho Falls-Leroy ('05)	35-22S-16E	120	3,009		7	1	"Squirrel"	965		
Also in Coffey and Woodson Counties							Mississippi	1,200		
Savonburg	26S-21E	500	54,572		40	0	"Bartlesville"	675		31
Also in Bourbon County										
Seibert	5-26S-20E	180	5,171		9	0	"Bartlesville"	680		
Miscellaneous		60	269		2	3				
Total Allen County		22,890	815,063	26,864,343 recorded	1,809	62				
ANDERSON COUNTY										
Bush City Shoestring ('21)	28-20S-21E	2,900	180,633		750	1	"Squirrel"	700	20	35
Centerville ('20)	10-21S-22E	200	16,561		22	0	"Bartlesville"	740	11	36
Also in Linn County							"Bartlesville"	480	15	27
Colony-Weida ('16)	4-23S-19E	1,980	65,229		204	0	"Weiser"	600	15	
Colony West ('22)	15-23S-18E	900	90,440		81	0	"Squirrel"	850	20	35
Also in Allen County							"Squirrel"	825	35	32
Garnett Shoestring ('04)	32-30S-20E	500	21,045		36	0	"Squirrel"	725	20	32
Garnett West (revived)	20S-19E	80	705		2					
Kincaid ('21)	10-23S-21E	500	4,990		50	0	"Bartlesville"	750	12	26

Selma ('29)	9-22S-21E	300	758	36	0	"Bartlesville"	850	25	26
Miscellaneous		40	767	1	1				
Total Anderson County		7,400	381,128	1,183	2				
			21,721,280						
			recorded						
ATCHISON COUNTY									
Worner ('64)	19- 7S-17E	40	167	1	0	Hunton	2,375	2	27
Total Atchison County		40	167	1	0				
BARBER COUNTY									
Actna Gas Area ('35)	13-34S-15W	16,000	10,274	186,770	59	1	Mississippian	4,850	7
Actna Northwest ('62)	2-34S-15W	90	6,580	15,261	3	0	Viola	5,215	
Amber Creek ('52)	36-30S-12W		no report	19,178	0	0	Mississippian	4,296	30
Bloom ('55)	23-32S-12W	40	5,600	57,129	2	0	Mississippian	4,310	30
							Simpson	4,672	3
Bloom North ('59)	14-32S-12W	80	16,898	128,929	3	0	Mississippian	4,230	20
Boggs Southwest ('55)	30-33S-12W	1,700	1,844	69,772	18	1	Mississippian	4,456	
Brooks-Younger ('55)	23-32S-13W	80	no runs	33,633	2	0	Mississippian	4,423	5
Clara ('48)	36-29S-14W	40	2,232	111,460	1	0	Simpson	4,472	40
Also in Pratt County									
Deerhead ('43)	22-32S-15W	640	18,203	1,282,652	10	0	Viola	4,950	9
Deerhead North ('64)	14-32S-15W	540	106,429	106,429	9	0	Mississippian	4,792	26
							Maquoketa	4,965	3
							Viola	4,992	5
DeGeer Southwest ('63)	8-33S-15W	120	41,734	60,425	3	0	Simpson	4,845	54
DeGeer West ('62)	4-33S-15W	40	no runs	1,867	1	0	Mississippian	4,753	25
Donald ('46)	33-31S-15W	760	67,561	888,222	13	0	Mississippian	4,697	38
Eads ('58)	4-30S-14W	40	956	60,123	1	0	Simpson	4,561	9
Also in Pratt County									
Elsera ('56)	27-32S-14W	160	155	11,126	4	0	Marmaton	4,625	20
							Mississippian	4,662	31
Elwood ('56)	34-34S-13W	1,040	no runs	12,463	9	0	"Elgin"	4,662	20
Glick East ('61)	18-31S-15W		no report	427	0	0	"Penn. sand"	3,662	10
Goodenoke ('63)	27-33S-12W	40	126	126	1	0	Mississippian	4,703	41
Gudman ('54)	10-35S-10W	40	no runs	12,949	1	0	Viola	4,687	32
Hardtner ('54)	31-34S-12W	2,400	70,794	795,920	57	0	Mississippian	5,152	10
Hogaway ('56)	14-32S-11W	200	4,471	165,405	5	0	Douglas	4,782	15
ILS ('51)	9-31S-11W	80	1,162	4,943	4	0	Douglas	3,587	16
Ketner ('63)	9-31S-13W	80	593	15,215	2	2	Marmaton	3,766	26
Lake ('59)	26-31S-14W	40	no runs	6,661	1	0	Arbuckle	3,789	4
			no report	307,865	0	0	Viola	4,747	5
Lake City ('37)	7-31S-13W						Simpson	4,435	30
							Arbuckle	4,530	43
								4,607	

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Producing zone				
			during 1965	to end of 1965		Name	Depth ft	Thick- ness, ft	Average gravity	
BARBER COUNTY (cont.)										
Landis ('55)	21-34S-11W	40	274	5,526	2	Mississippian	4,630	10	25	
Little Bear Creek ('54)	12-32S-14W	40	2,158	8,084	1	Douglas	3,808	16	25	
						Lans. -K.C.	3,891			
						Viola	4,670	10		
McGuire-Govmann ('55)	29-32S-10W	450	1,287	39,183	9	Mississippian	4,433	20		
McReynolds ('55)	19-31S-10W	60	1,144	4,788	2	Mississippian	4,520	2	35	
Medicine Lodge-Boggs ('37)	13-33S-13W	4,200	154,779	5,530,460	54	Lans. -K.C.	3,930	27		
					6	Marmaton	4,664	18	37	
						Mississippian	4,495	6		
						"Miscner"	4,845			
						Simpson	4,806		26	
Medicine Lodge North ('54)	25-32S-13W	1,240	39,942	904,450	30	Mississippian	4,480	13	37	
Medicine River ('64)	4-32S-12W	40	360	360	1	Mississippian	4,208			
Mingona ('62)	21-31S-13W	80	18,410	49,815	2	Douglas	3,727			
						Simpson	4,545	2		
Moffett West ('65)	9-30S-15W	40	203	203	1	Viola	4,576	40	36	
Mulberry ('63)	31-30S-14W	80	9,102	21,121	2	Douglas	3,870	4		
Mulberry East ('65)	32-30S-14W		no report	0	0	Douglas	3,673	2		
Nippawalla ('51)	13-33S-12W	160	550	2,646	4	Douglas	3,659			
Nurse ('53)	13-31S-13W		no report	694	0	Mississippian	4,190	6	28	
Palmer ('58)	30-32S-13W	1,260	50,084	532,911	33	Marmaton	4,477	11	26	
						Mississippian	4,524	22		
						Viola	4,923	7	44	
Perry Ranch ('58)	12-32S-16W	80	155	2,400	2	Mississippian	4,785			
Also in Comanche County										
Rhodes ('49)	15-33S-11W	5,000	409,363	7,058,396	143	Mississippian	4,480	20	26	
						Viola	4,803			
Rhodes Northeast ('56)	2-33S-11W	500	1,561	28,113	12	Mississippian	4,400	10		
Rhodes South ('57)	6-34S-11W	300	13,742	222,358	10	Mississippian	4,564	30		
Roundup South ('53)	33-33S-11W	40	no runs	1,832	1	Mississippian	4,457			
Salt Fork ('58)	12-35S-15W	700	19,483	82,032	4	Mississippian	4,955		28	
Sharon ('55)	13-32S-10W	820	15,616	282,588	9	Mississippian	4,355	10	21	
Also in Harper County										
Sharon Northwest ('56)	11-32S-10W	860	3,171	39,004	17	Mississippian	4,347	10		
Skinner ('43)	29-31S-14W	640	27,612	2,283,705	8	Viola	4,582			
					4	Simpson	4,626	38	30	
Stumph ('52)	7-32S-14W	520	14,892	344,321	14	Mississippian	4,801	4		
					1	Simpson	4,963	7		
Sun City ('41)	35-30S-15W	200	1,036	1,645,455	3	Lans. -K.C.	4,344	20	31	

Traffas ('55)	6-33S-10W	40	900	1,650,971	1	0	Mississippian	4,590	28
Turkey Creek East ('57)	21-30S-15W	480	27,415	725,838	11	5	Viola	4,557	5
Warwick ('65)	12-31S-11W		no report	0			Mississippian	4,503	5
Wells ('57)	18-34S-15W	60	no runs	2,787	2	0	Cherokee	4,768	10
Whelan ('34)	32-31S-11W	960	19,891	3,604,843	14	2	Mississippian	4,745	24
Whelan East ('54)	21-31S-11W		Combined into ILS				"Chat"	4,355	27
Whelan Southwest ('54)	11-32S-12W	120	3,086	27,981	3	0	Douglas	3,746	
Whelan West ('55)	25-31S-12W		no report	12,887			Mississippian	4,229	11
Wolgamott ('57)	16-35S-14W	40	262	3,521	1	0	Mississippian	4,284	8
Pools or fields abandoned				832,414			Cherokee	4,865	4
Total Barber County		43,300	1,192,090	28,661,185	605	39			

BARTON COUNTY

Ahrens ('63)	16-19S-11W		no report	1,972			Penn. congl.	3,330	7
Ameh ('51)	19-18S-11W	80	11,108	122,075	2	0	Lans.-K.C.	3,103	50
Ames ('43)	22-18S-11W	2,000	74,014	2,515,583	39	1	Lans.-K.C.	3,042	10
Ames Northwest ('47)	9-18S-11W	40	9,605	74,502	1	0	Arbuckle	3,348	
Ash Creek ('47)	31-20S-15W		no report	471,716			Lans.-K.C.	3,106	6
Also in Pawnee County							Arbuckle	3,312	
Axman ('49)	19-17S-14W	260	16,819	213,702	6	1	Arbuckle	3,790	20
Axman Northeast ('65)	18-17S-14W	180	14,535	14,535	3	0	Lans.-K.C.	3,136	11
Bailey ('56)	30-18S-11W	180	16,924	326,952	6	0	Arbuckle	3,400	43
Barrett ('43)	36-16S-14W	580	4,844	351,295	6	0	Lans.-K.C.	3,396	5
Bart-Staff ('51)	4-21S-14W	600	48,756	1,163,185	12	0	Arbuckle	3,270	5
Also in Stafford County							Lans.-K.C.	3,396	21
Batchman ('50)	19-20S-12W	480	22,724	259,738	8	0	Arbuckle	3,355	5
Beaver ('34)	16-16S-12W	2,400	85,535	4,981,091	39	1	Lans.-K.C.	3,463	40
Beaver North ('37)	4-16S-12W	300	8,631	811,830	4	0	Lans.-K.C.	3,396	5
Also in Russell County							Simpson	3,396	40
Beaver South ('45)	27-16S-12W	2,000	101,141	2,273,459	41	3	Arbuckle	3,572	6
Behrens ('44)	6-20S-15W	580	3,647	678,744	5	0	Lans.-K.C.	3,201	29
							Oread	3,459	21
							Toronto	2,885	35
							"Gorham"	2,938	5
							Arbuckle	3,340	12
							Reagan	3,348	41
							Topeka	3,335	5
							Arbuckle	2,702	10
							Lans.-K.C.	3,316	39
							"Sooy"	3,154	42
							Arbuckle	3,359	
							Arbuckle	3,719	4

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband., 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thickness, ft	Average
BARTON COUNTY (cont.)										
Bend ('61)	11-20S-13W	200	8,022	71,593	5	0	Lans.-K.C.	3,201	6	37
							Arbuckle	3,447	12	37
Beran ('62)	24-17S-12W	80	8,036	38,077	2	0	Arbuckle	3,319	8	37
Bergal South ('51)	27-20S-15W	80	12,399	30,000	2	0	Arbuckle	3,672	4	37
Bernard ('50)	10-19S-11W	320	9,819	492,734	11	0	Shawnee	2,866	6	38
							Lans.-K.C.	3,224	6	
							Arbuckle		10	
Blood Creek ('50)	9-18S-13W	40	1,285	9,422	1	0	Lans.-K.C.	3,162	7	
Bloomer ('36)	36-17S-11W	1,100	100,361	12,781,858	48	4	Lans.-K.C.	3,044	8	43
Also in Ellsworth and Rice Counties							Arbuckle	3,257		43
Bottoms ('58)	36-18S-12W	160	8,436	152,164	4	0	Lansing	3,144	10	36
Boyd ('42)	4-18S-14W	3,700	193,220	10,707,500	102	9	Lans.-K.C.	3,177	37	
							Arbuckle	3,438	12	
Capitol View ('50)	9-17S-14W	500	8,513	237,526	7	0	Precambrian	3,311		37
							Lans.-K.C.	3,230		
							Arbuckle	3,450		
Carroll ('44)	21-17S-14W	2,300	136,597	4,791,359	64	0	Lans.-K.C.	3,109	4	39
							Arbuckle	3,356	16	
Carroll Southeast ('64)	27-17S-14W	40	4,804	6,816	1	0	Arbuckle	3,349	4	
Carroll Southwest ('47)	32-17S-14W	100	1,365	79,615	3	0	Lans.-K.C.	3,193	8	36
Chaffee ('63)	31-19S-13W	400	77,677	179,385	11	0	Lans.-K.C.	3,180	5	
							Arbuckle			
Chaffee South ('64)	7-20S-13W	40	11,974	12,639	1	0	Kansas City	3,338	24	37
							Marmaton	3,417	2	
Chase-Silica ('30)	32-19S- 9W	22,000	1,486,642	102,057,837	527	19	Douglas	2,950		
Also in Rice and Stafford Counties							Lans.-K.C.	2,955		
Cheyenne ('59)	4-19S-12W	700	86,131		18	2	Arbuckle	3,328		48
			4,358	722,370	1		Lansing	3,097	7	
Cheyenne View ('49)	12-19S-12W	2,640	195,474	5,703,437	114	0	Penn. congl.	3,381	6	40
							Lans.-K.C.	3,100	6	40
							Penn. congl.	3,393		
							Arbuckle	3,408	17	
Cheyenne View East ('57)	13-19S-12W	40	2,035	51,717	1	0	Lans.-K.C.	3,120	4	
Claflin Northeast ('55)	3-18S-11W		no report	27,596		0	Lans.-K.C.	3,040	21	
(revived)							Arbuckle	3,353	4	38
Claflin Northwest ('62)	33-17S-11W	200	6,928	51,846	4	0	Lans.-K.C.	3,063	3	43
Clarence ('53)	35-19S-15W	260	10,850	239,264	7	3	Lans.-K.C.	3,291	6	23
							Reagan	3,534		
							Precambrian	3,531	12	

Converse ('41) Davidson ('30) Also in Russell County	20-20S-15W 4-16S-11W	40 160	no runs 10,258	26,440 298,919	1 5	0 0	Arbuckle Lans.-K.C. "Sooy"	3,776 3,016 3,300	24 38 9
DeInes ('59) Deme1 ('57)	16-16S-14W 6-17S-11W	40 280	738 24,358	4,234 195,586	1 7	0 0	Arbuckle Lansing Lansing	3,314 3,190 3,053	4 34 10
Dist. 65 ('60) Eberhardt ('35) Ellinwood North ('37)	24-18S-14W 14-19S-11W 33-19S-11W	40 300 800	no runs 3,058 29,846	4,173 535,716 1,450,716	1 4 24	0 0 4	Arbuckle Lans.-K.C. Lans.-K.C. Lans.-K.C.	3,306 3,162 3,194 3,090	16 5 38 43
Erna ('61)	30-18S-14W	40	2,551	32,764	1	1	Arbuckle Lans.-K.C.	3,328 3,253	8 40 43
Erna South ('65) Erna Southeast ('61)	31-18S-14W 29-18S-14W	40 160	3,289 10,002	3,289 106,806	1 2	0 0	Arbuckle Lans.-K.C. Lans.-K.C.	3,512 3,224 3,240	8 5 39 38
Ess ('53) Foist ('35)	13-19S-14W 29-18S-11W	40 200	1,987 6,565	55,127 207,525	1 4	0 0	Penn. congl. Lans.-K.C. Lans.-K.C. Penn. congl.	3,495 3,326 3,326	4 37 9 38
Foist North ('59)	20-18S-11W	60	4,208	37,507	2	0	Lansing	3,104	8
Finger ('63) Finn ('59)	12-17S-13W 31-17S-13W	120 120	10,830 no report	23,092 4,556	2 0	0 0	Arbuckle Lans.-K.C. Lans.-K.C.	3,410 3,137 3,109	4 3 2
Frank ('52) Frees ('60) Ft. Zarah ('50)	7-19S-12W 23-16S-11W 30-19S-12W	120 Combined into Kraft-Prusa 3,100	38,809 118,532	67,271 5,973,143	3 89	0 3	Arbuckle Lans.-K.C. Arbuckle Lans.-K.C.	3,332 3,332 3,366 3,157	4 35 9 41 6 37
Ft. Zarah North ('51)	19-19S-12W	100	5,875	150,398	2	0	Arbuckle Lans.-K.C.	3,384 3,208	6 37
Ft. Zarah West ('61) Galatia ('58) Galatia East ('59) Galatia North ('61) Galatia South ('64) Great Bend Airport ('52)	25-19S-13W 11-16S-15W 12-16S-15W 2-16S-15W 13-16S-15W 26-19S-14W	300 120 120 160 160 320	70,720 5,891 no report 16,120 25,506 11,065	271,775 44,037 9,534 45,918 32,888 717,081	7 3 3 4 8	0 0 0 0 0	Arbuckle Lansing Lansing Lans.-K.C. Lans.-K.C. Arbuckle	3,436 3,395 3,193 3,152 3,180 3,320	2 37 3 40 8 42 5 39 13 4 40
Great Bend Southwest ('52) Great Bend Townsite ('53)	25-19S-14W 21-19S-13W	100 1,200	2,706 54,907	117,787 1,222,700	2 30	0 1	Arbuckle Lans.-K.C. Lans.-K.C.	3,473 3,322 3,196	4 30 32
Great Bend West ('51) Hall-Gurney ('31) Also in Russell County	23-19S-14W 30-14S-13W	40 600	864 90,131	80,258 3,068,510	1 33	0 0	Arbuckle Shawnee Lans.-K.C. "Sooy"	3,441 3,332 3,066	5 36 6
Hanneke ('50) Hanneke Southeast ('50) Hanneke West ('59)	17-19S-11W 17-19S-11W 18-19S-11W	200 80 180	6,516 3,791 5,967	155,629 123,111 106,302	5 2 3	0 0 0	Arbuckle Lans.-K.C. Lans.-K.C. Lansing Arbuckle	3,065 3,089 3,078 3,345	32 7 3 6 40 40 41

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Name	Depth ft	Thick- ness, ft	Average Gravity
			during 1965	to end of 1965					
BARTON COUNTY (cont.)									
Hammer ('40)	35-19S-12W	1,100	138,169	3,368,838	39	Lans.-K.C.	3,088	27	41
Harrison ('42)	18-20S-13W	40	no runs	46,701	1	Arbuckle	3,348	8	
					0	Lans.-K.C.	3,403	6	
Hawkins ('52)	3-19S-13W	300	7,267	160,808	6	Arbuckle	3,520	37	
					1	Lans.-K.C.	3,158	16	40
Heizer ('35)	16-19S-14W	40	1,404	68,074	1	Arbuckle	3,393		
Heizer Southwest ('52)	21-19S-14W	180	2,179	113,234	3	Lans.-K.C.	3,228	2	
					0	Lans.-K.C.	3,379	39	
Heizer West ('55)	17-19S-14W	80	no runs	96,689	2	Arbuckle	3,552		
					0	Lans.-K.C.	3,237	11	
Hiss ('36)	31-20S-13W	900	18,803	1,139,775	13	Arbuckle	3,546	38	
Hiss East ('52)	33-20S-13W	80	11,233	90,735	2	Lans.-K.C.	3,270	5	40
					0	Lans.-K.C.	3,383	18	
Hiss South ('50)	31-20S-13W	180	15,474	160,821	5	Arbuckle	3,549		37
Also in Stafford County					0	Lans.-K.C.	3,292	31	
Hiss Southeast ('48)	32-20S-13W	160	6,652	266,526	6	Arbuckle	3,542	16	36
					1	Lans.-K.C.	3,414	3	41
Hlavaty ('59)	31-17S-14W	40	4,187	38,220	2	Arbuckle	3,545	5	37
Hoisington East ('54)	23-17S-13W	40	1,627	143,721	1	Lans.-K.C.	3,172	3	
					0	Lans.-K.C.	3,140	5	
Hoisington Southwest ('54)	20-17S-13W	80	2,635	57,147	2	Arbuckle	3,338		
					0	Lans.-K.C.	3,282	21	38
Homestead Northeast ('63)	23-18S-13W	80	9,398	30,788	1	Arbuckle	3,363	46	
					1	Lans.-K.C.	3,144	11	
Hood ('59)	3-20S-12W	80	1,824	16,334	2	Arbuckle	3,311	2	38
James ('54)	20-19S-12W	120	18,927	72,237	3	Lansing	3,108	6	
Jettie ('54)	27-20S 14W	120	3,532	108,654	3	Lans.-K.C.	3,278	6	
					1	Simpson	3,534	6	
Kimpler ('55)	31-18S-11W	160	4,263	180,418	4	Arbuckle	3,569	2	
					0	Lans.-K.C.	3,184	3	40
Klepper ('51)	2-19S-11W	300	5,963	250,485	6	Arbuckle	3,413	6	40
Klepper North ('59)	2-19S-11W		no report	6,223	0	Lans.-K.C.	3,220	38	
Knop ('61)	9-19S-12W	480	78,958	278,167	10	Lans.-K.C.	3,019	3	
Koopman ('53)	23-19S-13W	80	11,131	72,666	2	Lans.-K.C.	3,131	5	37
					1	Lans.-K.C.	3,220	3	
Kowalsky ('41)	32-20S-11W	1,300	72,223	2,750,214	39	Arbuckle	3,398	11	49
Also in Stafford County					0	Lans.-K.C.	3,185	4	
						Arbuckle	3,378		

[illegible]

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells ab- and.	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average Gravity
BARTON COUNTY (concl.)										
Pawnee Rock ('36)	13-20S-16W		no report	249,147	0	0	Arbuckle	3,832	16	
Also in Pawnee County										
Pawnee Rock East ('41)	17-20S-15W		Combined into Converse				Arbuckle	3,814		
(revived)										
Phillips ('57)	12-16S-13W	160	4,693	201,656	3	3	Arbuckle	3,366	4	38
Prairie View ('50)	20-19S-11W	360	20,351	504,487	8	0	Lans.-K.C.	3,080	36	40
Pritchard ('44)	34-20S-14W	1,500	105,663	3,922,229	34	4	Lans.-K.C.	3,253	8	35
Also in Stafford County							Marmaton	3,625		
							Simpson			
Putnam ('51)	7-17S-13W	40	2,015	85,089	1	0	Arbuckle	3,544	3	
Putnam East ('60)	7-17S-13W	40	979	11,261	1	0	Lans.-K.C.	3,286	7	39
Putnam West ('51)	1-17S-14W	200	7,293	124,113	4	0	Lans.-K.C.	3,203	22	42
Red Brick ('53)	23-19S-13W	220	3,585	74,939	4	0	Lans.-K.C.	3,225	8	38
							Penn. congl.	3,240	7	
							Arbuckle	3,414	2	33
Redwing ('50)	31-17S-12W	1,280	76,019	1,193,324	29	1	Lans.-K.C.	3,083	7	40
							Arbuckle	3,335		
Reif South ('50)	31-16S-12W	100	608	61,413	3	1	Lans.-K.C.	3,172	5	38
Reimer ('56)	25-17S-15W		no report	16,072	0	0	Lans.-K.C.	3,357	4	36
Rick ('36)	1-19S-11W	540	29,325	1,442,184	12	0	Lans.-K.C.	3,106		41
Also in Rice County							Arbuckle	3,355		
Roesler ('43)	14-18S-11W	1,340	70,691	2,142,659	26	2	Lans.-K.C.	3,208		
Also in Rice County							Arbuckle	3,291	7	
Rolling Green East ('49)	30-20S-12W	1,500	163,585	1,052,105	46	0	Arbuckle	3,491	6	35
Also in Stafford County										
Rusco ('50)	8-19S-12W	40	3,290	23,121	1	0	Arbuckle	3,400		
St. Peter ('44)	5-19S-11W	1,280	157,676	3,171,275	46	0	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	46,165	1,119,039	27	0	Topeka	2,870	3	
							Lans.-K.C.	3,116	14	
							Arbuckle	3,374	3	
Sandford ('51)	25-17S-14W	40	3,008	69,138	1	0	Arbuckle	3,375	19	26
Sandrock ('51)	21-20S-13W	740	28,240	614,938	14	0	Lans.-K.C.	3,412	8	35
Sandrock North ('59)	21-20S-13W		no report	12,095	0	0	Lansing	3,262	11	30
Shaeffer-Rothgarn ('41)	3-21S-13W	400	55,096	458,435	10	0	Lans.-K.C.	3,404		40
Also in Stafford County							Penn. congl.	3,519		
							Simpson	3,536		
							Arbuckle	3,546	4	

South Bend ('54)	9-20S-13W	40	1,410	125,920	1	0	Lans., -K.C.	3,317	8	48
Stiles ('58)	7-16S-12W		no report	22,818		0	Arbuckle	3,333	4	
Stollenberg ('31)	22-16S-10W	40	1,305	4,030	1	0	Lans., -K.C.	3,260		42
Also in Ellsworth County							Simpson	3,379	2	38
Sunny Valley ('49)	7-20S-12W	160	9,273	393,023		0	Arbuckle	3,333	14	39
Sunny Valley Northeast ('54)	6-20S-12W	280	16,526	290,065	7	0	Lans., -K.C.	3,230	9	34
Swader ('62)	29-20S-13W	120	3,861	29,750	3	0	Arbuckle	3,422	12	35
Templing ('55)	23-16S-14W	200	8,188	201,202	5	0	Lans., -K.C.	3,410	4	31
							Lans., -K.C.	3,332	8	39
Tonkin ('63)	9-20S-12W	80	no runs	1,709	2	0	Arbuckle	3,402		
Trapp ('29)	23-15S-14W	15,000	736,645	66,925,116	371	24	Arbuckle	3,402	30	
Also in Russell County							Shawnee	2,889		
							Douglas	2,966		
Twenty ('65)	25-18S-15W	160	5,285	5,285	4	0	Lans., -K.C.	3,062	15	37
Two-Eighty One	27-16S-14W	240	4,014	57,283	1	0	Arbuckle	3,252	39	
			22,175		5		Shawnee	3,501	12	40
							Lans., -K.C.	3,109	3	
Two-Eighty One S.E. ('63)	26-16S-14W	120	11,316	69,436	1	0	Arbuckle	3,172	5	40
			20,775		1		Shawnee			
Unruh ('45)	24-20S-15W	40	no runs	248,244	1	0	Lans., -K.C.	3,154	32	
Unruh South ('59)	25-20S-15W	40	3,428	35,354	1	0	Arbuckle	3,641	3	37
Webber ('62)	1-19S-14W		no report	806		0	Arbuckle	3,628	1	
Weikert ('53)	36-18S-12W	120	3,770	100,867	3	0	Lansing	3,224	88	26
Werner-Robl ('51)	30-19S-11W	920	21,428	552,567	8	0	Lans., -K.C.	3,169	7	42
							Lans., -K.C.	3,106	16	37
Wondra ('40)	14-17S-12W	120	5,067	5,805	3	0	Arbuckle	3,364		
Wondra North ('59)	10-17S-12W		no report	83,166		0	Arbuckle	3,339	48	37
Workman Northwest ('56)	21-20S-12W	1,800	210,181	2,933,919	61	1	Arbuckle	3,305	13	39
							Lans., -K.C.	3,167	6	44
							Arbuckle	3,438	10	
Pools or fields abandoned				263,547						
Total Barton County		119,540	8,126,646	386,423,608	3,168	151				

BOURBON COUNTY

Bronson Southeast (Abd.)	25S-21E	40	661		1		"Bartlesville"	718	18	
Bronson-Xenia	17-25S-21E	1,000	6,395		18	0	"Bartlesville"	665		
Also in Allen County										
Davis-Bronson	23S-21E	540	4,210		32	0	"Bartlesville"	560		
Also in Allen and Anderson Counties										
Hepler ('17)	27S-22E	420	39,269		42	0	"Bartlesville"			
Also in Crawford County										
Irish Valley	24S-22E	Abandoned during 1965					"Bartlesville"			
Irish Valley South	25S-22E	Abandoned during 1965					"Bartlesville"	750		
Savonburg	26S-21E		no report			0				
Also in Allen County										

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Name	Depth ft	Thick- ness, ft	Average gravity
			during 1965	to end of 1965					
BOURBON COUNTY (concl.)									
Miscellaneous			29		0				
Total Bourbon County		2,000	50,564	1,321,419 recorded	93				
BROWN COUNTY									
Livengood ('44)	3- 1S-15E	80	4,462	108,522	2	Hunton	2,580		
Total Brown County		80	4,462	108,522	2				
BUTLER COUNTY									
Allen-Robison ('43)	1-26S- 3E	400	5,713		11	Mississippian	2,700		
Asmusson ('57)	16-29S- 4E	620	57,362	1,464,502	28	Lansing	1,840	6	
						"Misener"	2,856	3	
						Arbuckle	2,695	5	
Augusta ('14)	21-28S- 4E	5,000	439,031	41,601,474	152	Lansing	1,700		34
						Kansas City	2,000		
						Marmaton	2,200		
						Ordovician	2,445		34
						Arbuckle	2,600		33
Augusta North ('14)	28-27S- 4E	940	47,983	15,653,028	54	Lansing	1,650		
						Kansas City	1,950		
						Ordovician	2,380		
						Arbuckle	2,410		
Ballard ('60)	6-25S- 3E	100	4,667	46,274	4	Mississippian	2,726	1	40
Bausinger ('29)	24-27S- 3E	40	1,359		2	Simpson	3,050		
Benfer ('63)	9-26S- 3E	80	16,092	49,638	2	Mississippian	2,796	24	43
Benton ('25)	26S- 3E	80	5,861		3	"Chat"	2,965		
Berndsen ('58)	15-26S- 4E	200	65,781	965,146	18	Simpson	2,423	17	
Blankenship ('21)	26S- 8E	1,000	17,526	4,194,322	21	"Bartlesville"	2,650	50	
Also in Greenwood County									
Blood ('58)	29-29S- 4E	100	5,185	173,588	2	Mississippian	2,716		
Brandt-Sensenbaugh ('25)	22-28S- 7E	960	19,097	2,226,592	23	"Chat"	2,692		
Brickley	2-27S- 7E	90	3,026	122,502	7	"Chat"	2,692	19	40
Brickley East ('60)	1-27S- 7E		no report	2,198	0	Mississippian	2,748	5	38
Brickley Southwest ('52)	3-27S- 7E	40	541	14,905	1	"Bartlesville"	2,599	33	39

Bruce ('41) Also in Cowley County	9-30S-4E	80	20,678	33,435	3	0	Arbuckle	3,306
Butwick Northeast ('49)	7-26S-3E	80	7,321	30,673	3	0	Mississippian	
Clay ('60)	32-29S-6E	80	2,968	52,864	2	4	Mississippian	2,825 14 38
Combs ('47)	5-30S-5E	100	2,879		5	0	"Bartlesville"	2,820
Also in Cowley County							Mississippian	2,850
Combs Northeast ('48)	27-29S-5E	80	3,346	69,043	3	0	"Bartlesville"	2,810 42
Dixon ('46)	12-27S-6E	40	717	23,724	1	0	Kansas City	2,160
							Mississippian	
Douglas ('16)	21-29S-4E	60	577		2	1	Lans.-K.C.	1,790 36
							Ordovician	3,000
Eckel ('40)	7-27S-7E	60	789	6,587	2	0	Kansas City	
Edgecomb ('51)	9-25S-3E	40	982	35,181	1	0	Mississippian	2,759
Edmonds ('53)	31-22S-4E	60	1,217	15,417	2	0	Mississippian	2,471
Also in Marion County								
Edmonds Southwest ('60)	1-23S-3E	40	2,447	31,277	1	0	Mississippian	2,498 25 40
Elbing ('18)	18-23S-4E	1,500	166,403		71	0	Kansas City	2,120 37
Also in Marion County							Mississippian	2,400 35
							Hunton	
Elbing East ('50)	27-23S-4E	20	492	44,308	1	0	Viola	2,530
E1 Dorado ('15)	29-25S-5E	25,670	2,762,571	263,159,204	1,375	37	Lans.-K.C.	1,799 34
							Admire	630 37
							Lansing	1,700 34
							Kansas City	2,000 36
							Viola	2,500 37
							Simpson	2,510
							Wilcox	2,600 37
							Arbuckle	2,550 38
Entz ('59)	23-26S-4E	120	17,286	217,244	5	0	Simpson	2,515 4 37
Ferrell ('39)	28-28S-8E	610	47,105	1,855,207	28	0	Mississippian	2,617 40
Ferrell South ('61)	33-28S-8E	420	28,680	249,337	16	0	Mississippian	2,750 24 38
Flint ('57)	6-24S-6E		no report	10,027	0	0	Mississippian	2,443 17
Four Mile Creek ('51)	5-28S-3E	100	4,293	296,673	2	0	Simpson	3,069 3
Fox-Bush ('17)	24-29S-5E		Combined into Fox-Bush-Couch				"Bartlesville"	2,730 25 40
Fox-Bush-Couch ('17)	24-29S-5E	5,350	134,715	7,708,946	77	17	"Bartlesville"	2,730 25 40
Also in Cowley County								
Garden ('25)	32-26S-6E	240	3,520		4	0	"Bartlesville"	2,760
Gelwick ('29)	27S-4E	40	2,003		1	0	Viola	2,924
Hannah ('36)	29S-8E	120	4,786	96,261	8	0	Kansas City	2,120
Harian ('63)	26-23S-4E	80	9,434	33,550	4	0	Lans.-K.C.	2,607 5 34
Haverhill ('27)	34-27S-5E	600	25,739	5,118,929	11	10	"Bartlesville"	2,700
Hazlett ('49)	24S-5E	1,600	43,757	2,329,289	64	0	Mississippian	2,480
Hickory Creek ('46)	11-28S-5E	400	17,807	1,356,123	9	0	Kansas City	2,107
							"Bartlesville"	2,685
							Mississippian	2,700
							"Bartlesville"	2,650
							Simpson	3,148
Keighley ('25)	22-27S-7E	1,440	40,320		35	27	Lans.-K.C.	3,075 5
							Viola	3,000
Kramer-Stern ('26)	3-28S-6E	1,540	237,050		67	0	Simpson	3,040
							Arbuckle	

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abn- 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thick- ness, ft	Average
BUTLER COUNTY (concl.)										
Latham ('59)	14-29S-7E	60	6,529	92,165	4	0	Mississippian	2,788	14	37
Leon ('22)	19-27S-6E	600	259,858	4,093,872	25	0	"Bartlesville" "Chat"	2,660		
							Viola	3,050		
Lietzke ('62)	3-28S-5E		no report	169		0	Simpson	3,117	8	
Long ('49)	15-26S-7E	30	1,157	33,094	1	0	Mississippian	2,780	33	
Long Northeast ('53)	11-26S-7E		no report	17,882		0	Mississippian	2,753	5	35
McCaig ('37)	13-28S-6E	40	1,723	21,951	2	0	"Bartlesville"	2,700	2	40
							Mississippian	2,780	29	
							Mississippian	2,442	6	
Mellor ('57)	1-24S-3E	120	2,367	155,386	6	6	Mississippian	2,492		
Mellor East ('58)	7-24S-4E		no report	61,431		0	Mississippian	2,757	8	
Mt. Tabor ('53)	36-29S-4E	340	7,251	200,113	9	1	"Bartlesville"	2,813		40
Muddy Creek ('50)	13-29S-4E	580	57,882	888,178	32	0	"Bartlesville"	2,709	10	43
Murdock ('52)	23-25S-3E	40	521	14,049	1	1	Mississippian	2,052	9	
Overstreet ('62)	19-26S-8E	60	575	2,775	2	0	Kansas City	2,730	3	31
Parsley ('49)	3-26S-3E	100	3,466	142,689	6	0	Mississippian	2,519	10	43
Paul ('59)	26-25S-3E	40	2,558	14,519	1	2	Mississippian	2,550		
Paulson ('58)	35-23S-3E	1,420	151,422	1,781,517	93	0	Mississippian	2,660		
Pierce ('26)	28-25S-4E	1,540	88,118		70	3	"Chat"	2,375		
Potwin ('17)	31-24S-4E	3,500	70,595	9,175,163	89	0	Kansas City	2,780		
							Mississippian	3,141		
Reynolds-Schaffer ('22)	9-27S-6E	2,800	90,398		67	0	Mississippian	2,770	2	39
							Kansas City	2,470		
							Mississippian	3,000		
							Viola	2,766		
Rombold ('49)	4-26S-3E		no report	57,865		0	Mississippian	2,680		
Rosalia ('65)	12-25S-7E	580	64,441	64,441	14	0	"Squirrel"	2,339	5	32
Salter ('46)	23-28S-3E	360	43,187	1,801,959	18	1	Simpson	3,036	35	
Shinn ('46)	19-29S-8E	210	46,247	1,304,967	21	0	Mississippian	3,000		
Shinn Northeast ('56)	17-29S-8E	120	13,696	178,394	3	0	Mississippian	2,700	35	
Skaer ('61)	21-27S-3E	80	4,243	45,577	2	1	Kansas City	2,404		
							Simpson	2,810		
Smock-Sluss ('17)	2-27S-5E	1,900	90,908		56	2	"Bartlesville"	2,833		
							Viola	2,803		
Snowden-McSweeney ('30)	34-28S-6E	1,400	73,006		37	1	Lans.-K.C. "Peru"	2,118	8	35
							"Bartlesville"			
							Mississippian			
Steinhoff ('26)	28-29S-6E	200	7,350		5	1	Mississippian			
Steinhoff East ('60)	26-29S-6E		no report	2,177		0	Kansas City			

Towanda ('48)	5-26S- 4E	1,100	94,124	3,656,958	16	3	Mississippi	2,400
Wehrman ('63)	30-29S- 8E	40	5,769	31,121	1	0	Viola	2,460
Whitewater ('49)	32-25S- 4E	300	35,455	651,517	14	3	Mississippi	2,741
Whitewater East ('61)	33-25S- 4E	100	12,669	78,137	5	0	Viola	2,625
Wiebe ('59)	30-23S- 6E		no report	3,784	0	0	Mississippi	2,461
Womack ('47)	19-28S- 6E	40	7,156	27,976	1	1	Lansing	1,592
Young ('20)	27-26S- 7E	1,000	59,048		46	0	"Bartlesville"	2,620
Miscellaneous			2,641		0	7	Mississippi	2,650
Total Butler County		68,920	5,583,466	478,137,678 recorded	2,778	145		

CHASE COUNTY

Atyeo-Pixlee ('23)	7-22S-10E	500	26,315		13	0	"Bartlesville"	2,250
Also in Greenwood and Lyon Counties								
Bazaar ('51)	36-20S- 8E	40	540		1	0	Lans.-K.C.	
(revived)								
Koegeboehn ('59)	19-19S- 6E	100	3,152	25,939	4	0	Viola	2,052
Koegeboehn North ('61)	8-19S- 6E	40	1,202	7,578	1	0	Viola	1,960
Teeter ('20)	16-23S- 9E	720	36,028		30	1	"Bartlesville"	2,500
Also in Greenwood County								20
Total Chase County		1,400	67,237	1,060,793 recorded	49	1		40

CHAUTAUQUA COUNTY

Berlin ('30)	32S-11E	60	2,539		4	0	Marmaton	1,780
Borroum ('26)	20-34S- 9E	220	3,529		5	0	Marmaton	1,924
Cedarvale ('53)	9-34S- 8E	280	8,388	62,472	6	0	Mississippi	2,365
Also in Cowley County							"Cattleman"	1,965
Cloverdale ('64)	13-33S- 8E	200	194,585	416,247	11	0	"peru"	1,520
Elgin ('17)	34S-10E	2,450	36,576		99	0	"Burgess"	1,360
Elk City	32S-13E		no report					
Also in Elk and Montgomery Counties								
Frazier ('27)	33S-13E	120	6,471		4	0	"peru"	1,520
Hale-Inge ('07)	32S-12E	1,500	13,456		36	0	"peru"	1,160
Also in Elk County								
Hewins (Abd.)	31-34S-10E	60	343		1	0	Arbuckle	2,443
Hylton ('28)	13-32S- 9E	40	117		1	0	"Chat"	1,850
Kingston ('26)	18-32S-11E		no report				Mississippi	2,000
Landon-Floyd ('36)	23-32S-10E	800	58,355		26	0	"peru"	
Leniton	33S-10E	5,920	41,275		57	0	Arbuckle	2,280
McAllister ('25)	28-32S-10E	60	3,523		2	0	Mississippi	
McNoun (Abd.) ('26)	31-32S-10E	40	533		1	0		

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1965	Name	Depth ft	Thickness, ft	Average gravity
			during 1965	to end of 1965						
CHAUTAUQUA COUNTY (concl.)										
Malone (Abd.) ('28)	18-32S-10E	30	375		1		"Burgess" Arbuckle	2,340		
Niotaze	34S-13E	1,000	5,088		32	0	"Redd" "Peru"	690 825		
Oliver ('35)	32S-11E	680	8,609		12	0	Marmaton Arbuckle			
Also in Elk County										
Peru-Sedan ('00)	34S-11E	23,200	493,675		1,401	53	"Peru" Mississippian	1,200 2,000	25	
Wayside-Havana ('04)	34S-13E	180	2,554		14	2	"Wayside" "Weiser"	575 700		
Also in Montgomery County							"Bartlesville" "Weiser"	1,200 1,600		
Wiggam	34-32S-10E	40	351		1	0				
Miscellaneous		240	4,865		10	4				
Total Chautauqua County		37,120	885,207	54,746,406 recorded	1,724	59				
CHEYENNE COUNTY										
Alexander ('59)	13- 4S-38W		no report	2,347			Marmaton	4,669	5	38
Ken ('59)	16- 2S-37W		no report	4,668			Cherokee	4,762	28	25
Little Beaver Creek ('62)	36- 4S-37W		no report	3,247		0	Lans.-K.C.	4,445	11	37
Rueb ('58)	13- 3S-42W		no report	31,113		0	Lansing	4,537	5	
Miscellaneous			no report	0		1				
Pools or fields abandoned				5,031						
Total Cheyenne County				46,406		1				
CLARK COUNTY										
Ashland ('51)	35-32S-23W	160	20,637	165,904	4	0	Lans.-K.C. Viola	4,673 6,526		
Clark Creek ('59)	8-35S-22W	40	336	1,515	1	0	Morrowan	5,630		
Cavalry Creek ('55)	3-31S-21W		no report	5,656			Mississippian	5,195		
Harper Ranch ('53)	9-34S-21W	4,900	142,479	2,634,933	67	3	Lans.-K.C. Marmaton	4,456	5	
			Includes Snake Creek				Morrowan	5,437	15	39

McKinney ('50)		2-34S-26W	640	9,118	67,432	23	0	Mississippi	5,762	
Also in Meade County										
Morrison Northeast ('54)		10-32S-21W	120	3,577	17,582	3	0	Morrowan	5,193	14
Sitka ('59)		36-33S-22W	1,200	10,656	33,516	14	0	Mississippi	5,476	8 40
Snake Creek ('52)		21-34S-21W	Included with Harper Ranch					Lans.-K.C.	4,456	5
								Morrowan	5,452	38
								Mississippi	5,398	51
								Morrowan	5,480	4 39
Snake Creek East ('56)		24-34S-21W		no report	5,883					
Also in Comanche County										
Snake Creek West ('64)		10-34S-22W	160	1,922	2,263	4	0	Morrowan	5,381	33
Tuttle West ('57)		10-35S-21W	120	4,178	13,383	6	0	Morrowan	5,625	
Total Clark County			7,340	192,903	2,983,064	122	3			
CLAY COUNTY										
Griffith ('57)		3- 9S- 4E	60	3,697	91,542	2	0	Mississippi	1,908	30
Total Clay County			60	3,697	91,542	2	0			
COFFEY COUNTY										
Crandall ('53)		6-23S-16E	40	132		2	0	Mississippi	1,022	5
Dunaway ('22)		23-22S-13E	500	3,423		5	0	"Burkess"	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				Mississippi	1,878	
Also in Woodson County								Arbuckle	2,200	
Finnerty ('53)		12-21S-13E	240	6,047		4	0	"Peru"	1,382	10
								"Burkess"	1,728	11
Hatch ('35)		35-21S-13E	40	492				"Squirrel"	1,825	
Leroy North		22S-16E	340	4,162		1	0		965	
Neosho Falls-Leroy ('05)		35-22S-16E	2,240	38,725		11	0	"Squirrel"		
Also in Allen and Woodson Counties						89	0	"Squirrel"		
Parnely		29-22S-17E		no report						
Virgil North ('20)		22-23S-13E	1,500	50,669				"Squirrel"		
Also in Greenwood and Woodson Counties						64	1	"Bartlesville"	1,585	
Winterschied		23S-14E	1,580					Mississippi	1,838	
Also in Greenwood and Woodson Counties				14,880		28	0	Arbuckle	2,146	13
								"Peru"	1,170	
								"Bartlesville"	1,630	
								Mississippi	1,750	
Miscellaneous			40	2,460		1	0			
Total Coffey County			6,520	120,990	2,942,363	205	1			
					recorded					

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Producing zone		
			during 1965	to end of 1965		Name	Depth, ft	Thick- ness, ft	Average crevity
COMANCHE COUNTY								
Beals ('55)	34S-17W	160	23,911	52,939	4	0		
Glick ('57)	31-30S-16W	440	7,564	44,040	13	0	Mississippian	4,880
Also in Kiowa County								
McMoran ('61)	25-34S-16W	40	no runs	155	1	0	Lans.-K.C.	4,399
Mule Creek ('55)	5-31S-18W	100	9,458	123,468	3	0	Mississippian	5,066
Nescatunga ('60)	22-32S-18W	160	2,635	84,192	4	0	Mississippian	5,106
							Viola	5,600
							Viola	5,590
Nescatunga South ('63)	35-32S-18W	40	no runs	419	1	0	Mississippian	4,785
Perry Ranch ('58)	12-32S-16W	80	465	9,869	2	0		
Also in Barber County								
Protection ('62)	24-32S-20W	80	2,618	19,804	2	1	Mississippian	5,097
Shimer ('61)	14-33S-17W	80	4,024	7,983	2	0	Mississippian	5,105
Pools or fields abandoned				5,723				10
Total Comanche County		1,180	50,675	348,592	32	1		35
COWLEY COUNTY								
Albright ('56)	3-34S-5E	1,740	67,954	882,535	46	0	Mississippian	3,126
Albright North ('62)	22-33S-5E		no report		0		"Hoover"	1,656
Atlanta ('58)	11-30S-6E	400	30,800	404,595	17	0	Shawnee	1,631
							"Stalnaker"	1,816
							Kansas City	2,174
							Mississippian	2,869
							Arbuckle	3,274
Bernstorf ('58)	33-31S-4E	160	22,274	186,213	8	0	"Bartlesville"	3,043
Biddle ('22)	7-32S-5E	1,500	110,393		56	0	Kansas City	2,000
							"Layton"	2,300
							"Bartlesville"	2,878
							Lans.-K.C.	2,362
Biddle Northwest ('65)	36-31S-4E		Combined into Biddle				"Cattlemen"	2,828
Bolack ('61)	21-32S-6E	160	60,955	281,482	6	0	Mississippian	2,840
Box ('48)	28-30S-7E	600	9,771	327,906	13	0	Simpson	3,664
Brandenburg ('55)	3-35S-3E	40	4,054	53,539	1	0	Kansas City	2,100
Brown ('44)	13-31S-7E	40	no runs		1	3	Arbuckle	3,306
Bruce ('41)	9-30S-4E	160	8,679	133,417	4	0		
Also in Butler County								
Burden ('26)	31-31S-6E	1,540	111,991		51	1	"Layton"	
							"Peru"	
							"Bartlesville"	2,900
								35
								39

Cabin Valley ('52)	31-33S- 6E	660	36,213	1,660,212	38	1	"Layton"	2,188	9	40
Canfield ('52)	13-34S- 3E	160	12,229	359,409	4	2	"Layton"	2,651	4	42
							Lans.-K.C.	2,839		
							"Bartlesville"	3,375		
Cedarvale ('53)	9-34S- 8E	120	5,679	55,951	4	0	Marmaton	1,924	4	40
Also in Chautauqua County							Mississippian	2,365	10	
Cedarvale West ('62)	17-34S- 8E	40	889	5,969	1	0	"Cattlemen"	2,243	6	35
Church ('54)	13-31S- 6E	40	184	24,249	1	1	Mississippian	2,935	12	34
Churchill Northeast ('55)	18-31S- 3E	40	1,103	21,223	1	0	Kansas City	2,420		
Combs ('47)	5-30S- 5E	600	21,161	851,669	12	0	"Bartlesville"	2,823	20	40
Also in Butler County							Mississippian	2,850		
Cooley ('63)	5-30S- 4E	160	15,713	91,023	3	0	Lans.-K.C.	2,214	5	
			10,828		2		Arbuckle	2,958	8	
Couch ('37)	13-30S- 5E		Combined into Fox-Bush-Couch		17	0	"Bartlesville"	2,800	15	41
Countryman ('25)	4-33S- 7E	800	39,550				"Layton"	1,950	12	34
Countryman North ('62)	27-32S- 7E	Abandoned during 1965			0		Mississippian	2,870		
David ('35)	35-30S- 4E	2,600	156,170	6,344,367	107	2	"Bartlesville"	2,058	40	
Deichman ('41)	24-31S- 4E	120	8,638	656,011	3	8	Arbuckle	2,900		
Dexter ('14)	33S- 6E	120	6,273				"Bartlesville"	3,463	35	
Donelson (Abd.) ('55)	21-34S- 7E	40	774	6,517	3	0	Mississippian	3,000		
Eastman ('24)	5-31S- 6E	1,000	13,013		2	0	Kansas City	2,750		
Elrod ('26)	4-32S- 5E	180	6,992		27	0	"Bartlesville"	2,890	20	36
Enterprise Northeast ('52)	35-33S- 3E		no report	45,072	4	0	"Layton"	2,411		
(revived)					0		"Layton"	2,452		
Enterprise Southwest ('53)	3-34S- 3E		no report	10,159		0	Mississippian	3,360	10	39
Estep ('58)	21-34S- 6E	40	9,456	66,556	1	0	"Bartlesville"	1,803	4	
Estep West ('59)	29-34S- 6E	40	1,176	6,665	1	0	"Stalnaker"	3,130	8	38
Estes ('54)	12-32S- 6E	1,380	21,977	775,275	39	10	Mississippian	2,190	13	36
Falls City ('19)	17-35S- 7E	200	2,227		3	0	"Layton"	2,694	19	
Fox-Bush-Couch ('17)	24-29S- 5E	1,240	11,516	2,833,128	39	3	"Bartlesville"	2,730	25	40
Also in Butler County							"Bartlesville"	3,000	20	
Frog Hollow ('37)	20-32S- 5E	700	69,106	5,544,260	36	5	"Bartlesville"	3,000	8	
Frog Hollow East ('41)	15-32S- 5E	500	19,077	571,327	19	0	Mississippian	3,077	20	35
Gibson ('41)	29-34S- 3E	1,280	119,725	3,792,111	85	6	"Bartlesville"	3,350	12	
							Mississippian	3,400	6	
							Simpson	3,774	11	
							Arbuckle	3,780	11	
Grand Summit ('26)	4-31S- 8E	40	519		1	0	Kansas City	2,000	19	
Also in Elk County										
Grouse Creek ('51)	16-30S- 7E	120	1,647	53,204	3	0	Mississippian	2,890		37
Geuda Springs ('25)	5-34S- 3E	2,020	70,251	2,219,613	62	0	"Cleveland"	2,984	2	
							"Bartlesville"	3,300	14	
							"Chat"	3,345	25	

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband., 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thick- ness, ft	Average gravity
COWLEY COUNTY (cont.)										
Graham ('24)	3-33S-3E	2,300	129,659	4,573,254	72	0	"Layton" "Bartlesville" Mississippian Arbuckle	2,550 3,213 3,284 3,518	15 50 16 5	39
Harvey ('52)	23-34S-3E	600	19,794	1,519,490	16	8	"Layton" "Bartlesville" Kansas City Arbuckle	2,574 3,278 2,690 3,419	18 33 9	33
Henderson ('42)	26-32S-3E	40	547	139,430	1	0	Arbuckle Mississippian Kansas City Arbuckle	3,180 2,400 3,280 3,172	10 20	4
Hirby ('57)	31-34S-6E	100	7,076	51,355	2	0	Mississippian	1,421	4	39
Hittle ('26)	28-31S-4E	600	42,132	10,025,492	22	0	Kansas City Arbuckle Mississippian "Hoover" "Layton"	2,418 2,352 3,314 3,084	4 3 40	
Kanok (Abd.) ('56)	15-35S-5E	90	5,077	90,957	3	0	Mississippian	3,014	13	
Lady ('60)	35-34S-6E	40	573	6,539	1	0	Mississippian	2,170	16	
Larcom ('61)	9-34S-4E	80	13,977	43,993	5	1	"Layton"	3,450	10	
Little Cedar Creek ('65)	2-32S-5E	40	1,262	1,262	1	0	"Layton"	3,500		
McKay ('51)	17-35S-4E	800	30,720	830,209	37	0	"Bartlesville"			
Maddix (Abd.) ('52)	13-33S-5E	60	1,603	1,603	2	0	Mississippian			
Maddix North ('57)	12-33S-5E	480	58,990	572,401	23	0	Mississippian			
Mahannah ('59)	6-30S-8E	120	9,940	94,795	5	0	Mississippian			
Mansur ('49)	25-31S-6E	40	4,386	134,373	1	0	"Layton"			
Murphy ('33)	7-35S-3E	1,180	27,013		38	0	"Bartlesville" "Chat" "Bartlesville"	2,170 3,450 3,500	16 10	
Also in Sumner County										
Nigger Creek ('51)	22-34S-3E	40	973	16,845	1	0	"Bartlesville"	3,281		
Olsen ('21)	1-35S-7E	220	9,329	156,100	9	0	"Layton"			
Otto ('27)	25-34S-6E	40	275		1	0	"Stalnaker"	1,845	6	
Posey ('56)	21-33S-4E	420	53,969	502,242	19	0	"Chat" "Layton" "Cleveland" "Prue"	3,017 2,464 2,751 2,953	50 6 10 4	
Quarry ('54)	28-34S-5E	80	14,292		2	0	Mississippian	3,164	14	
Rahn ('39)	13-34S-5E	1,400	60,724	3,235,493	32	0	"Cleveland"	2,900	30	
Rahn Southwest ('45)	28-34S-5E	40	246	4,837	1	0	"Bartlesville"			
Rahn (revived)										
Rainbow Bend ('23)	20-33S-3E	2,000	103,281	18,576,401	75	0	"Burgess" Arbuckle "Bartlesville"	3,200 3,550 3,358	50 6	
Also in Sumner County										
Rauckman ('56)	18-34S-3E	160	2,958	59,403	6	0	"Bartlesville"	2,800	30	
Rock ('23)	15-30S-4E	3,600	242,566	8,825,233	91	1	"Bartlesville"			

Rock Southwest ('60)	26-31S- 3E	80	21,340	148,969	2	0	"Layton"	2,480	7
Salem ('57)	2-31S- 5E	80	2,166	26,347	2	0	Mississippian	3,050	2
School Creek North ('53)	10-32S- 7E	820	61,619	1,672,138	65	2	"Layton"	2,114	6 34
Seacat ('44)	26-33S- 4E	400	4,558	171,662	6	2	"Bartlesville"	2,826	9
Seacat Southeast ('64)	26-33S- 4E	160	10,923	10,923	4	0	Mississippian	3,100	43
Shannon ('59)	26-31S- 5E	920	610,874	2,935,772	53	0	"Layton"	3,219	3
Sheneman ('63)	8-33S- 6E	300	14,061	25,361	5	0	Mississippian	3,090	22
Slick-Carson ('24)	19-32S- 3E	460	17,407	7,870,603	16	0	"Layton"	2,600	
Also in Sumner County									
Smith ('17)	31S- 3E	160	2,625		2	0	Arbuckle	3,450	
State ('26)	15-32S- 4E	280	9,790		9	0	"Bartlesville"	3,050	
Stayton ('49)	32-32S- 4E	120	2,161	156,341	3	0	"Layton"	2,400	12
Stayton South ('53)	5-33S- 4E	200	7,841	112,206	5	0	Arbuckle	3,300	
Thurlow ('27)	8-33S- 3E		no report				"Cleveland"	2,790	2
Trees ('35)	19-30S- 4E	480	20,285				"Bartlesville"	3,100	8 33
Turner ('37)	30-32S- 6E	100	1,269	317,008	22	0	Simpson	3,165	23 40
Turner North ('61)	7-32S- 6E	720	25,270	673,327	2	0	"Bartlesville"	3,500	5
			44,426		8	1	"Layton"	2,875	25
			62,959		11		Lans.-K.C.	2,232	15
Turner West ('52)	25-32S- 5E	40	697	15,957	8		"Bartlesville"	2,282	11 39
Udall ('26)	28-30S- 3E	60	2,181		1	0	Mississippian	2,988	6
					2	0	Mississippian	3,032	10
							Shawnee	3,054	38
Vestal ('27)	19-34S- 3E	40	731		1	0	Arbuckle	2,850	38
Waldschmidt ('57)	8-34S- 6E	400	14,984	239,035	1	0	Mississippian	3,429	3
Walnut Bend ('40)	11-34S- 4E	500	10,520		10	0	"Stalnaker"	1,821	2
Weathered ('35)	28-31S- 3E	320	16,761	3,125,279	5	0	Mississippian	3,080	12
					12	1	Mississippian	2,080	15
							"Stalnaker"	2,480	12
Werner ('56)	31-32S- 6E	330	22,974	240,560			Lans.-K.C.	3,018	6
							"Bartlesville"	3,020	8
							Mississippian	3,250	5
					11	0	Arbuckle	2,460	13
Whitacre ('62)	5-34S- 4E	60	6,239	9,628	2	0	"Layton"	3,074	8
Wilmot-Floral ('25)	31S- 5E	200	3,654		2	0	Mississippian	3,239	2
					5	2	"Stalnaker"	2,880	
Windsor ('57)	6-32S- 8E	320	6,682	184,486	15	0	"Cattlemen"	2,910	
Windsor Southeast ('58)	7-32S- 8E	40	633	14,200	1	0	"Bartlesville"	1,935	10
Windsor Southwest ('58)	7-32S- 8E	200	4,333	133,066	1	0	"Layton"	1,858	18
Winfield ('14)	32S- 5E	1,300	47,587		13	0	"Layton"	1,894	10
					61	6	Admiral	600	38
							"Peacock"	1,400	15
							"Layton"	2,300	20
							"Bartlesville"	3,050	12
							Arbuckle	3,300	5

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Producing zone			Average Thick- ness, ft	Average Gravity
			during 1965	to end of 1965		Name	Depth ft			
COWLEY COUNTY (concl.)										
Winfield South ('45)	1-33S-4E	400	8,282	203,443	16	0	"Hoover"	1,400	38	
Miscellaneous		120	3,911		3	2				
Total Cowley County		44,760	3,000,062	122,549,896	1,568	68				
				recorded						
CRAWFORD COUNTY										
Farlington ('63)	4-28S-23E	700	32,826		49	0	Marmaton	643	16	
Hepler ('17)	27S-22E	120	5,596		9	0	"Bartlesville"			
Also in Bourbon County										
McCune ('29)	30S-22E	1,200	15,645		60	0	"Bartlesville"			
Monmouth Northwest ('47)	3-31S-22E	200	881		4	0	Cherokee			
St. Paul-Walnut	28S-21E	400	1,455		13	6	"Bartlesville"	425		
Also in Neosho County										
Walnut Southeast	28S-22E	1,200	19,475		86	0	"Bartlesville"	400	15	
Miscellaneous		40	9,718		1	0				
Total Crawford County		3,860	85,596	1,225,130	222	6				
				recorded						
DECATUR COUNTY										
Adell Northwest ('52)	34-5S-27W	600	97,083	1,524,146	13	1	Lans.-K.C.	3,664	54	39
Decatur Center ('63)	21-3S-28W	160	54,796	111,246	4	0	Lans.-K.C.	3,726	152	36
Feely ('52)	2-5S-27W	180	22,225	337,717	6	0	Lans.-K.C.	3,590	14	39
Hardesty ('52)	22-5S-27W	640	12,229	503,537	7	0	Lans.-K.C.	3,642	15	39
Huff ('63)	16-1S-26W	40	3,427	10,112	1	0	Lans.-K.C.	3,196		
Jennings ('51)	25-4S-27W	860	48,111	844,733	18	0	Wabaunsee	3,156	7	38
Jennings Northwest ('61)	10-4S-27W		no report	570		0	Lansing	3,576	4	40
Jennings Southeast ('57)	6-5S-26W	40	1,380	14,925	1	0	Lans.-K.C.	3,581	4	34
Jording ('57)	23-2S-30W	40	3,193	15,015	1	0	Lansing	3,848	14	
Jorn ('55)	29-2S-28W	200	5,174	117,106	6	1	Lans.-K.C.	3,562	8	40
Lawson ('61)	11-1S-26W	40	4,240	30,643	1	0	"Penn. sand"	3,558	3	32
Monaghan ('52)	15-2S-27W	80	5,865	113,822	2	0	Lans.-K.C.	3,514	55	32
Oberlin ('64)	35-2S-29W		no report	256		0	Lans.-K.C.	3,687	6	
Olive ('61)	12-2S-28W	200	21,236	98,188	5	0	Lansing	3,379	4	37

Pollnow ('53)	4- 3S-29W	640	26,653	696,026	13	0	Lans.-K.C.	3,734	7	37
Prarie Dog ('59)	29- 5S-29W	40	2,185	27,192	1	0	Lansing	3,863	5	35
Ung ('62)	25- 2S-30W	80	5,726	29,936	2	0	Lans.-K.C.	3,805	1	35
Vavroch ('59)	4- 4S-28W	640	112,029	554,356	8	0	Lans.-K.C.	3,699	8	36
Warner ('56)	11- 1S-27W	640	22,926	488,275	20	0	Lans.-K.C.	3,324	17	35
Pools or fields abandoned				3,644			"Penn. sand"	3,483		
Total Decatur County		5,120	448,478	5,521,445	109	2				

DICKINSON COUNTY

Ash Grove ('54)	5-15S- 1E	160	12,295	227,244	5	0	Mississippian	2,569	3	
Bonaccord Northeast ('56)	29-14S- 1E	60	965	43,924	2	0	"Burgess"	2,502	3	
Holland Creek ('64)	2-15S- 1E	40	94	94	1	0	"Burgess"	2,390	2	
Lost Springs ('27)	16S- 4E	1,800	37,097		35	8	"Chat"	2,300		
Miscellaneous	Also in Marion and Morris Counties		no report							
Total Dickinson County		2,060	50,451	1,759,791	43	9				
				recorded						

DOUGLAS COUNTY

Baldwin ('19)	12-15S-20E	1,400	39,119		85	2	"Squirrel"	800		
Also in Franklin County										
Eudora South ('29)	19-13S-21E		no report			0	"Squirrel"	700		
Miscellaneous		40	427		1	0				
Total Douglas County		1,440	39,546	379,767	86	2				
				recorded						

EDWARDS COUNTY

Belpre ('42)	8-25S-16W		Combined into Wil				Lans.-K.C.	3,800		
Belpre Southwest ('62)	18-25S-16W	80	3,418	14,993	2	0	Mississippian	4,278		
Bradbridge ('48)	2-24S-16W	80	2,664	136,137	2	0	Cherokee	4,346	43	
Britton ('63)	9-25S-17W	40	124	238	1	0	Mississippian	4,382	20	37
Carpenter Southeast ('59)	31-23S-16W	40	no runs	5,915	1	0	Arbuckle	4,020		
Edstaff ('55)	12-25S-16W		Combined into Wil				Kinderhookian	4,247	6	37
Embry ('53)	23-24S-16W	240	4,258	49,276	9	0	Penn. congl.	4,230		
English ('59)	31-25S-16W	40	4,483	29,293	1	0	Kinderhookian	4,285		
Enlow ('53)	9-24S-16W	240	5,476	296,678	7	0	Lans.-K.C.	3,789	4	32
							Kinderhookian	4,292	38	
							Mississippian	4,479	7	35
							Lans.-K.C.	3,736	7	29

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells absl. 1965	Producing zone				Average gravity
			during 1965	to end of 1965			Name	Depth in feet	Thickness, ft		
EDWARDS COUNTY (concl.)											
Fatzer ('59)	14-26S-17W		no report	1,337	0	0	Mississippian	4,504	15	38	
Groner ('62)	5-23S-20W		no report	0		0	Mississippian	4,525	21		
Hawley ('59)	7-24S-16W	40	no runs	917	1	0	Mississippian	4,241	18	36	
Kirk ('55)	26-26S-16W	80	3,736	48,044	2	0	Kinderhookian	4,481	20		
McClanahan ('58)	2-26S-18W	120	301	61,439	3	0	Penn. congl.	4,612	4		
McClanahan East ('63)	12-26S-18W	40	310	310	1	0	Mississippian	4,518	16		
Quaker ('58)	35-26S-19W	40	no runs	1,084	1	0	Lans.-K.C.		6	40	
Also in Kiowa County											
Rairden ('63)	16-25S-16W		no report	460		0	Mississippian	4,350	22		
Salsor ('56)	12-26S-16W		no report	2,408		0	Lans.-K.C.	3,919	3		
Sturgeon ('54)	33-26S-18W	80	3,578	71,219	2	0	Lans.-K.C.	4,223		38	
							Viola	4,721	5	38	
Trousdale ('56)	21-26S-16W	140	8,052	172,348	5	0	Cherokee	4,186	4		
							Mississippian	4,492	5		
Trousdale North ('58)	8-26S-16W	120	2,272	21,207	4	0	Mississippian	4,458	10		
Trousdale Northeast ('58)	15-26S-16W	80	1,381	10,372	3	0	Kinderhookian	4,392			
Wayne ('56)	28-24S-17W	40	6,196	14,380	1	0	Mississippian	4,368	16		
Wil ('57)	26-25S-16W	1,700	213,306	3,347,068	101	2	Kansas City	4,032			
Also in Stafford County											
Wil West ('60)	29-25S-16W		no report	879		0	Kinderhookian	4,324			
Pools or fields abandoned				108,804			Mississippian	4,365	10	38	
Total Edwards County		3,240	259,555	4,394,806	148	2					
ELK COUNTY											
Arbuckle	31S-9E	360	19,383		7	1	"Burgess"	2,250			
Bush-Denton ('20)	4-30S-9E	860	19,905		67	0	"Stalnaker"	1,060	10		
							"Peru"	2,135			
							"Burgess"	2,300	5		
Clubine	30S-10E	80	559		2	0	"Layton"				
Collyer ('24)	30-30S-11E	180	7,716		10	0	Kansas City	1,286	10		
							Fort Scott	1,518			
Cummings ('60)	26-31S-9E		no report	944		0	Mississippian	2,226			27
Dory ('29)	18-30S-9E	120	529		4	0	Mississippian	2,570			
Dunkleberger ('20)	34-29S-10E	520	15,812		34	0	Kansas City	1,300	10		
							Kansas City	1,970			
Elk City	31S-13E	30	60		1	0	"Burgess"	1,360			
Also in Chautauqua and Montgomery Counties											

Fleck (Abd.)	21-30S-11E	40	343		1				
Fleming ('50)	8-29S- 9E		no report					Arbuckle	2,656
Grand Summit ('26)	3-31S- 8E	400	8,113		12	0		Kansas City	2,000
Also in Cowley County									
Hale-Inge ('07)	31S-12E	800	6,349		48	0		"Peru"	1,160
Also in Chautauqua County									
Key ('30)	31S-10E	40	1,982		1	0		Arbuckle	2,270
Kipfer	29S-13E	40	1,183		1	0		"New Albany"	
Liscoe ('26)	31S-10E	40	2,760		1	0		"Burgess"	
Logsdon ('25)	16-31S- 9E	160	3,033		3	0		"Burgess"	
Longton	31S-12E	500	4,261		23	0		Mississippian	12
Longton North ('27)	29S-12E	100	310		5	0			
Love ('21)	30S- 9E	40	41		1	0		Mississippian	2,370
Mills ('27)	14-30S-10E		no report		1	0			
Moline (Abd.)	16-31S-10E	160	7,363		4	0		Mississippian	
New Albany	29S-13E	200	1,315		5	0		"Wayside"	560
Porter	29S- 8E		no report		0			Kansas City	2,050
								Arbuckle	3,000
Preston	12-30S- 9E	40	4,392		1	0		Cherokee	
								Mississippian	
Rettig	31S-10E	60	2,749		2	0		Lans.-K.C.	1,550
Roby ('56)	20-28S- 9E	160	5,320		5	0		Arbuckle	2,873
Schrader ('28)	12-31S- 8E	400	13,933		17	0		Kansas City	1,520
								Marmaton	2,039
Severy ('22)	8-28S-11E	40	142		1	0		Kansas City	1,200
Also in Greenwood County									13
Thomas ('65)	12-29S-12E	240	7,680		3	1		Kansas City	1,550
Walker ('27)	5-31S-10E	400	10,957		9	0		Mississippian	2,225
								Kansas City	1,671
Ware ('55)	5-31S- 9E	40	577		1	1		Kansas City	1,300
Webb ('25)	23-31S-10E	860	14,740		39	0		Fort Scott	1,650
								Mississippian	1,975
Youngmeyer ('41)	25-28S- 8E		no report		0			Arbuckle	2,300
Miscellaneous			no report						
Total Elk County		6,910	160,507	16,835,222 recorded	308	2	5		
ELLIS COUNTY									
Air Base ('53)	27-13S-16W	1,500	185,437	1,338,545	34	0		Lans.-K.C.	3,216
								"Gorham"	3,453
								Penn. congl.	3,459
Air Base East ('59)	25-13S-16W	440	48,940	391,028	9	1		Lansing	3,088
			271		1			Penn. congl.	
			9,132		1			Arbuckle	3,348
									13

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband. 1965	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average
ELLIS COUNTY (cont.)										
Air Base North ('64)	15-13S-16W		no report	2,910		0	Lansing	3,194		
Air Base West ('60)	28-13S-16W		Combined into Air Base				Lans.-K.C.	3,216	2	38
Air-Braun ('58)	27-13S-16W		Combined into Air Base				Lans.-K.C.	3,502	2	
Antonino ('47)	27-14S-19W	120	15,009	256,744	3	0	Lans.-K.C.	3,404	4	38
							Arbuckle	3,712	5	35
							Reagan	3,726	34	
Antonino South ('62)	35-14S-19W	320	15,021	123,979	8	2	Lans.-K.C.	3,554	30	
							Arbuckle	3,718	8	
Beeching ('43)	34-15S-16W	500	6,497	352,042	6	0	Lans.-K.C.	3,156	4	35
Bemis-Shutts ('28)	16-11S-17W	25,000	3,311,222	191,895,407	992	17	Shawnee	2,967		
Also in Rooks County							Lans.-K.C.	3,408	11	34
							Penn. congl.	3,416		
							Simpson	3,603	10	
Bielman ('52)	24-15S-18W	160	7,363	188,563	4	0	Arbuckle	3,680		36
Blue Hill ('37)	14-12S-16W	1,500	93,785	3,430,716	42	2	Arbuckle	3,496	4	32
							Topeka	3,030	5	33
							Lans.-K.C.	3,072	33	
							"Gorham"	3,348		
							Arbuckle	3,360	6	
Blue Hill Northeast ('59)	36-11S-16W		no report	5,215		0	Lansing	2,962	99	30
Blue Hill Northwest ('58)	3-12S-16W	860	117,084	1,108,819	28	0	Arbuckle	3,300	6	
Blue Hill Southeast ('59)	24-12S-16W	160	7,696	57,342	5	0	Arbuckle	3,338	7	28
Bowlby ('64)	1-11S-16W	40	8,677	13,163	1	0	Lansing	3,079	6	
Boos ('56)	20-15S-17W	80	4,326	93,029	2	0	Arbuckle	3,532	5	37
Braun ('53)	34-13S-16W		Combined into Air Base				Penn. congl.	3,459	7	31
Brungardt ('52)	35-10S-17W		no report	86,638		0	Lans.-K.C.	3,194		
Also in Rooks County										
Burnham ('59)	11-14S-18W		no report	1,001			Arbuckle	3,542	12	
Catharine ('36)	3-13S-17W	740	118,539	2,158,906	33	0	Lans.-K.C.	3,262	24	48
							Arbuckle	3,516	13	
Catharine East ('63)	11-13S-17W		no report	0		0	Lans.-K.C.	3,292	198	
Catharine Northwest ('44)	4-13S-17W	480	47,924	1,252,165	15	0	Lans.-K.C.	3,330		35
							Arbuckle	3,590	21	21
Catharine South ('46)	15-13S-17W	1,360	166,507	4,356,557	54	0	Lans.-K.C.	3,292	12	32
							Penn. congl.	3,538	6	
							Arbuckle	3,555	8	
Catharine Townsite ('49)	9-13S-17W	140	10,252	194,160	4	0	Lansing	3,418	13	
							Arbuckle	3,585	18	25
Chris ('58)	34-11S-16W	80	16,455	154,990	3	0	Lans.-K.C.	3,042	3	19
							Arbuckle	3,395	3	

Chrisher ('49)	22-11S-16W	120	10,771	113,925	3	0	Shawnee	3,038	4
Chrisher South ('58)	27-11S-16W	80	7,923	159,008	3	0	Lans.-K.C.	3,100	35
Cochran ('53)	8-11S-18W	100	4,102	127,133	3	0	Lans.-K.C.	3,158	3
Cromb ('45)	15-11S-20W	200	9,708	247,303	5	0	Lans.-K.C.	3,328	10
Dechant ('56)	7-15S-18W	160	19,259	173,253	6	0	Arbuckle	3,565	3
Dechant West ('65)	1-15S-19W	80	9,049	9,049	2	0	Lans.-K.C.	3,416	8
Degenhart ('53)	15-15S-17W	300	8,473	258,861	5	0	Lans.-K.C.	3,468	6
Degenhart Southeast ('57)	23-15S-17W	140	1,889	53,266	4	0	Arbuckle	3,627	6
Dinges ('54)	9-15S-18W	80	7,827	141,531	2	0	Lans.-K.C.	3,678	28
Dortland ('64)	24-13S-16W	120	8,224	13,584	3	0	Arbuckle	3,417	8
Dreiling ('49)	21-14S-16W	580	27,469	1,250,086	21	0	Arbuckle	3,521	10
Dreiling East ('62)	23-14S-16W		no report	1,268		1	Lans.-K.C.	3,520	5
Dreiling North ('64)	15-14S-16W	80	2,495	5,920	2	0	Arbuckle	3,624	12
Dreiling Southeast ('53)	27-14S-16W	540	15,346	520,896	13	0	Lans.-K.C.	3,137	159
Eagle Creek ('54)	11-11S-20W	610	26,479	688,979	13	0	Lans.-K.C.	3,120	16
Eagle Creek East ('58)	2-11S-20W	40	3,400	40,611	1	0	Arbuckle	3,367	32
Ellis ('42)	31-12S-20W	1,800	96,485	2,046,419	31	1	Arbuckle	3,414	13
Also in Trego County							Lans.-K.C.	3,158	31
Ellis Southeast ('65)	8-13S-20W		no report	0		0	Arbuckle	3,072	6
Elru ('64)	35-15S-19W	40	3,443	3,443	1	0	Lans.-K.C.	3,327	10
Also in Rush County							Arbuckle	3,368	12
Emmeram ('37)	4-13S-16W	560	42,590	593,327	17	1	Lans.-K.C.	3,348	5
Emmeram Northeast ('49)	27-12S-16W	1,100	63,713	1,421,447	25	0	Arb.-Reagan	3,832	8
Engel ('56)	34-14S-18W	200	33,244	298,516	6	0	Lans.-K.C.	3,428	5
Erbert ('53)	20-12S-20W	40	1,352	40,829	1	0	Reagan	3,586	2
Experiment ('52)	8-14S-18W	40	2,664	19,912	1	0	Lans.-K.C.	3,262	7
Fairport ('23)	8-12S-15W	1,880	146,274	4,940,177	48	0	Shawnee	3,124	8
Also in Russell County							Lans.-K.C.	3,272	4
Fort Hays State College ('50)	1-14S-19W	80	8,942	153,030	2	1	Arbuckle	3,541	3
Gatschet ('65)	13-13S-19W	120	14,566	25,118	2	0	Lans.-K.C.	3,350	6
Ger ('60)	15-13S-20W	40	1,124	13,187	1	2	"Penn. sand"	3,621	5
							Arbuckle	3,612	4
							Lans.-K.C.	3,527	34
							Arbuckle	3,906	
							Arbuckle	3,675	13
							Lans.-K.C.	2,950	12
							"Gorham"	3,211	
							Arbuckle	3,312	5
							Reagan	3,350	
							Lans.-K.C.	3,458	19
							Arbuckle	3,806	20
							Shawnee	3,338	28
							Lans.-K.C.	3,367	20
							Arbuckle	3,807	6

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband. 1965	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average gravity
ELLIS COUNTY (cont.)										
Günther ('52)	17-11S-19W	80	4,114	110,787	2	0	Lans.-K.C.	3,439	9	
Gross ('63)	25-13S-18W	120	19,145	50,106	3	0	Arbuckle	3,554	4	
Haller ('36)	10-11S-18W	120	6,269	35,524	3	0	Lans.-K.C.	3,354	22	
							Shawnee			
							Lans.-K.C.	3,185		
Hammerschmidt ('64)	12-14S-16W	40	2,411	5,466	1	1	Lans.-K.C.	3,151	25	
Hays ('64)	13-13S-18W	40	3,696	8,220	1	0	Lans.-K.C.	3,463	3	
Herbert ('58)	18-13S-20W	240	35,420	311,189	8	0	Lansing	3,521	4	
							Marmaton	3,870	96	40
							Arbuckle	3,907	19	28
Herl ('51)	28-14S-17W	80	4,778	201,578	2	0	Lans.-K.C.	3,382	8	28
							Penn. congl.	3,453		
Herzog ('40)	30-13S-16W	1,600	113,029	2,603,646	34	1	Arbuckle	3,476	6	39
							Lans.-K.C.	3,232	8	27
Herzog South ('59)	5-14S-16W	40	1,079	13,248	1	0	Arbuckle	3,450	6	29
Heyl ('56)	20-14S-17W	80	23,358	81,129	2	0	Lansing	3,207	7	
							Toronto	3,513	8	
Heyl Southeast ('59)	21-14S-17W	260	19,598	148,875	8	0	Arbuckle	3,222	9	34
							Toronto	3,260	5	35
							Lans.-K.C.	3,509		
Holy Cross ('53)	26-12S-18W	40	2,859	98,834	1	0	Arbuckle	3,423	39	
Holz ('59)	18-13S-16W	40	1,418	13,763	1	0	Lans.-K.C.	3,276	18	35
Irvin ('46)	6-14S-19W	3,500	427,657	6,464,221	87	3	Lans.-K.C.	3,553	30	
							Arbuckle	3,860	4	23
Irvin East ('55)	4-14S-19W		no report	29,105		0	Lans.-K.C.	3,628	5	41
							Arbuckle	3,835	7	32
Jacob ('51)	6-11S-19W	40	7,575	24,521	1	0	Lans.-K.C.	3,542	5	
(revived)										
Kaiser ('59)	30-13S-20W	160	16,131	207,740	4	0	Lansing	3,565	3,926	
			8,939		1		Arbuckle	3,406	5	
Koblitz West ('59)	21-12S-18W		no report	7,151			Lansing	3,660	4	
Kraus ('36)	22-14S-19W	1,800	158,456	2,179,342	48	15	Lans.-K.C.	3,834	5	
							Marmaton	3,735	5	39
							"Sooey"	3,732	25	
							Arbuckle	3,235	25	37
Krueger ('48)	35-10S-16W	1,000	66,332	2,385,688	30	0	Toronto	3,552		
Also in Rooks County							Lans.-K.C.			

Leiker ('43)	14-15S-18W	1,000	150,857	2,125,352	25	1	Lans., -K. C. Penn., congl.	3,292 3,582	40
Leiker East ('53)	12-15S-18W	1,200	181,667	3,737,907	46	2	Arbuckle	3,591	5
Leiker North ('56)	2-15S-18W	200	23,381	273,814	5	0	Lans., -K. C.	3,321	8 38
Leiker Southeast ('54)	14-15S-18W	440	37,285	454,284	14	0	Arbuckle	3,576	13 45
Leinmiller ('59)	2-12S-19W	120	10,521	74,860	3	0	Arbuckle	3,601	5 34
Leonhardt ('62)	20-14S-18W	80	7,473	7,896	2	0	Lans., -K. C.	3,292	19
Lieb ('56)	17-11S-16W	160	9,271	238,977	7	0	Arbuckle	3,547	4 36
Lieb East ('57)	16-11S-16W	180	16,066	234,495	7	0	Lans., -K. C.	3,401	6 22
Meistrell Southwest ('59)	9-11S-18W	120	13,206	124,478	4	0	Arbuckle	3,695	13
Mendota ('51)	5-11S-20W	80	4,560	135,118	2	0	Lansing	3,376	35 38
Meserve ('65)	18-15S-20W	40	1,486	1,486	1	0	Arbuckle	3,356	7 28
Mixer ('65)	7-11S-20W	80	7,215	7,215	2	0	Lansing	2,982	8 26
Neddard ('57)	16-11S-18W	80	3,038	50,839	2	0	Toronto	3,262	4 32
Nellie Belle ('55)	15-13S-17W	120	5,254	110,238	3	0	Lans., -K. C.	3,289	4 32
Nicholson ('45)	30-11S-20W	1,240	102,083	1,934,633	27	0	Lans., -K. C.	3,530	10 35
North ('56)	20-15S-20W		no report	65,670		0	Arbuckle	3,668	
Penny-Kann ('36)	13-15S-20W	40	4,074	252,355	1	0	Penn., congl.	3,419	23 40
Pfeiffer ('64)	19-13S-19W	40	8,556	17,673	1	0	Lans., -K. C.	3,361	28 31
Pleasant ('44)	2-14S-20W	1,800	159,924	3,837,546	47	1	Arbuckle	3,668	8
Pleasant West ('61)	4-14S-20W	40	766	1,699	1	0	Lans., -K. C.	3,521	1 27
Polifka ('48)	7-13S-17W	800	112,768	1,386,746	23	0	Arbuckle	3,842	12 34
Polifka Southeast ('65)	17-13S-17W	40	4,434	4,434	1	0	Lans., -K. C.	3,562	8
Potter ('56)	20-11S-16W	800	106,501	1,079,784	23	0	Pleasanton	3,862	5 38
Ravnesford ('52)	17-13S-20W	80	2,225	96,650	2	0	Arbuckle	3,653	3 30
Ravnesford East ('52)	16-13S-20W	300	17,572	361,134	5	0	Lans., -K. C.	3,569	
Red ('49)	5-13S-17W	40	1,727	55,117	1	0	Arbuckle	3,805	
Reed Northwest ('62)	31-12S-17W	80	5,287	46,119	1	0	Penn., congl.	3,833	38
Reichert ('53)	4-15S-19W		no report	2,531		0	Lans., -K. C.	3,937	8 37

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abld. 1965	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average gravity
ELLIS COUNTY (concl.)										
Richards ('56)	5-11S-18W	40	2,701	146,669	1	0	Toronto	3,295	2	
Riverview ('43)	19-11S-18W	900	50,856	2,853,782	16	1	Lans.-K.C.	3,466		37
Riverview South ('56)	32-11S-18W	120	6,218	110,317	3	0	Arbuckle	3,610	18	
Ruder ('35)	17-15S-18W	2,700	136,754	1,970,935	32	1	Lans.-K.C.	3,367	5	33
							Lans.-K.C.	3,422	35	
							Arbuckle	3,572	10	
Ruder North ('57)	4-15S-18W		no report	50,158		2	Arbuckle	3,619	9	30
Schmeidler ('44)	28-12S-17W	1,380	101,207	1,862,985	35	3	Lans.-K.C.	3,389	6	
							Arbuckle	3,625	10	26
Schoenchen ('46)	21-15S-18W	1,100	73,163	1,868,815	29	0	Lans.-K.C.	3,324	6	
							Arbuckle	3,569	9	31
Schoenchen Townsite ('56)	28-15S-18W	40	1,930	48,117	1	0	Lans.-K.C.	3,255	4	39
Schoenthaler ('64)	31-12S-19W	40	10,116	12,636	1	0	Lansing	3,434	151	
Sessin ('52)	5-11S-19W	Combined into Solomon					Shawnee	2,969		
							Lans.-K.C.	3,291	7	23
Sessin North ('63)	4-11S-19W	80	8,506	19,552	2	0	Arbuckle	3,499	3	
Solburn ('64)	28-14S-20W	280	10,792	65,207	2	0	Lans.-K.C.	3,353	4	
			52,315		5		Topeka	3,089		
Solomon ('36)	28-11S-19W	5,500	501,936	7,866,696	123	1	Lansing	3,410	55	38
							Wabaunsee	3,013	4	
							Topeka	2,990		19
							Lans.-K.C.	3,229		
Solomon South ('57)	33-11S-19W	80	12,040	123,820			Arbuckle	3,629	3	19
Solomon Southeast ('57)	35-11S-19W	160	9,928	182,566	2	0	Arbuckle	3,652	3	
Spring Hill ('61)	23-14S-20W		no report	1,139	4	0	Arbuckle	3,682	4	18
Stockrange ('57)	21-15S-20W		no report	23,514		0	Lans.-K.C.	3,414	4	32
Sugarloaf ('41)	17-13S-17W	640	24,381	1,115,311	9	0	Penn. congl.	3,864	6	38
							Lans.-K.C.	3,391	30	
Sugarloaf Southeast ('41)	28-13S-17W	2,600	312,796	5,107,430	69	0	Arbuckle	3,645	9	
							Lans.-K.C.	3,312	8	30
Sweet William ('50)	10-12S-20W	40	450	32,917	1	0	Arbuckle	3,520		35
							Lans.-K.C.	3,700		
Sweet William Northwest ('56)	4-12S-20W	40	no runs	20,481	1	0	Arbuckle	3,908		
							Lans.-K.C.	3,739	8	36
Toulon ('35)	3-14S-17W	1,080	76,428	1,776,206	28	0	Marmaton	3,910	8	
							Lans.-K.C.	3,298	5	34
							Arbuckle	3,512	45	
Toulon South ('58)	14-14S-17W	300	19,783	328,524	8	0	Lans.-K.C.	3,302	10	35
							Arbuckle	3,523	10	32

Toulon Southwest ('55)	16-14S-17W	460	54,483	383,505	15	0	Lansing	3,272	8	33
Trico ('51)	30-10S-20W	300	30,070	409,099	6	0	Arbuckle	3,504	4	
Also in Graham, Rooks, and Turkville ('53)	11-11S-17W	80	4,434	129,397	2	0	Lans.-K.C.	3,165	24	24
Turkville West ('59)	10-11S-17W		no report	30,772		0	Arbuckle	3,359	34	34
Ubert ('36)	12-13S-18W	180	25,703	509,461	7	0	Lans.-K.C.	3,378	6	27
Ubert North ('51)	31-12S-17W		Combined into Polifka				Arbuckle	3,707	32	32
Ubert Northwest ('52)	1-13S-18W	500	79,147	1,374,048	20	0	Lans.-K.C.	3,600	31	31
Upper Turkville ('48)	9-11S-17W	80	11,345	79,841	2	0	Arbuckle	3,339	33	33
Victoria North ('53)	6-14S-16W	400	47,870	378,727	14	0	Toronto	3,592	33	33
Victoria South ('61)	19-14S-16W		no report	2,658		0	Arbuckle	3,356	5	25
Vincent ('64)	32-14S-16W	40	9,422	13,858	1	0	Lans.-K.C.	3,182	1	
Wallace ('65)	33-15S-20W	160	19,520	19,520	4	0	Penn. congl.	3,208	6	35
Wagner ('56)	36-14S-16W		no report	17,709		0	Arbuckle	3,471	52	39
Warren ('49)	12-11S-20W	40	2,555	80,635	1	0	Lans.-K.C.	3,171	6	33
Weitzel Northeast ('64)	31-15S-19W	200	18,496	62,584	2	0	Lansing	3,966	22	36
			1,725		1			3,420	7	33
Werth ('58)	2-13S-20W	40	3,977	67,252	2	0	Reagan	3,458	31	31
Werth North ('62)	35-12S-20W	120	9,539	40,119	1	0	Arbuckle	3,364	36	
Wheatland ('49)	18-15S-17W	360	38,840	577,463	9	1	Lans.-K.C.	3,648	11	
Wheatland Northwest ('53)	12-15S-18W	120	9,505	117,832	3	2	Arbuckle	3,691	3	
Wheatland Southeast ('55)	28-15S-17W	120	12,445	157,802	3	0	Lans.-K.C.	3,833	6	33
							Penn. congl.	3,880	6	35
Wheatland Southwest ('53)	19-15S-17W	580	84,727	1,522,988	21	0	Lans.-K.C.	3,307	14	32
Yocemento (Abd.) ('29)	9-13S-19W	40	4,312	78,470	1	0	Arbuckle	3,571	32	37
Younger ('44)	6-14S-17W	800	78,100	1,026,698	20	0	Lans.-K.C.	3,566	6	37
Younger Northwest ('62)	30-13S-17W	280	20,963	111,141	7	0	Arbuckle	3,335	14	
Younger Southeast ('62)	4-14S-17W	80	10,894	19,864			Lans.-K.C.	3,526	5	39
Younger Southwest ('59)	7-14S-17W		no report	2,136		0	Arbuckle	3,252	9	32
Younger ('59)	9-12S-19W	40	3,813	35,771	1	0	Lans.-K.C.	3,554	24	35
Younger Southwest ('63)	17-12S-19W	80	8,770	26,981	2	0	Lans.-K.C.	3,508	24	35
Pools or fields abandoned				120,193			Lansing	3,331	8	33
Total Ellis County				285,601,063			Kansas City	3,574	18	33
				120,193			Arbuckle	3,375	20	
				2,484			Lans.-K.C.	3,347	6	
				2,484			Arbuckle	3,550	12	26
				2,484			Lansing	3,493	10	34
				2,484			Lans.-K.C.	3,522	19	33

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abdl. 1965	Name	Producing zone			
			during 1965	to end of 1965				Depth, ft	Thick- ness, ft	Average gravity	
ELLSWORTH COUNTY											
Andrews ('52)	4-17S- 8W	160	2,374	161,754	4	0	Arbuckle	3,302	3	3	
Bloomer ('36)	36-17S-11W	2,400	163,203	16,537,402	73	4	Lans.-K.C.	3,044	3	43	
Also in Barton and Rice Counties							Arbuckle	3,257	8	43	
Genesee-Edwards ('34)	25-18S- 8W	3,200	435,849	23,082,808	108	3	Simpson	3,157	11	39	
Also in Rice County							Arbuckle	3,278	41	41	
Green Garden ('54)	1-17S- 9W	300	13,593	229,362	5	0	Lans.-K.C.	3,046	4	40	
			23,810		5		Arbuckle	3,243			
Green Garden West ('64)	4-17S- 9W	40	6,186	9,973	1	0	Lansing	2,928	4		
Gregory ('63)	26-16S- 9W	200	28,899	89,749	5	0	Arbuckle	3,241	4	43	
Hetken ('30)	25-17S-10W	440	31,426	999,593	10	0	Lans.-K.C.	2,974			
							Penn. congl.	3,226			
							Arbuckle	3,269			
Heiken North ('42)	24-17S-10W	240	17,583	291,857	6	0	Arbuckle	3,212	2	40	
Koolz ('65)	7-17S- 9W	80	5,240	5,240	2	0	Arbuckle	3,286	4	42	
Krafft-Prusa ('37)	10-17S-11W	840	20,658	1,520,980	14	0	Shawnee	2,885			
Also in Barton County							Lans.-K.C.	3,160	6	41	
							"Gorham"	3,335			
							Arbuckle	3,381			
Lorraine ('34)	13-17S- 9W	1,700	43,128	11,314,381	27	0	Reagan	3,310			
							Lans.-K.C.	3,060	5	34	
							Arbuckle	3,200	120		
Lorraine North ('53)	12-17S- 9W	120	9,968	220,667	4	0	Lans.-K.C.	3,066	5		
Maes ('52)	26-17S- 8W	440	15,113	1,391,371	11	0	Arbuckle	3,341	16	36	
Oxhide ('63)	24-16S- 9W	400	93,728	158,976	10	0	Arbuckle	3,291	1	42	
Progress ('55)	10-16S-10W	100	12,646	418,350	3	0	Arbuckle	3,402	8		
Progress Northwest ('55)	4-16S-10W	240	15,115	852,080	10	4	Arbuckle	3,303	8	40	
Schlessiger ('65)	30-16S-10W	40	1,313	1,313	1	0	Lansing	2,995	4		
							Lans.-K.C.	3,169	5	36	
Stoltenberg ('31)	22-16S-10W	8,500	459,182	45,228,796	251	15	Lans.-K.C.	3,260	42		
Also in Barton County							Simpson	3,379	2	38	
West ('51)	20-17S-10W	40	1,482	61,369	1	0	Arbuckle	3,333	14	39	
Wilkins Southeast ('42)	32-17S- 9W	40	no runs	513,177	1	0	Arbuckle	3,287			
Pools or fields abandoned				33,597							
Total Ellsworth County		19,520	1,400,496	103,124,795	552	26	Arbuckle	3,220	9	42	

FINNEY COUNTY									
Amazon Ditch ('61)	20-22S-34W	480	1,575	270,937	1	0	Toronto	3,764	6
			15,954		2		Marmaton	4,286	
Cowgill ('61)	27-24S-33W	200	35,614	162,242	4	0	Mississippian	4,674	31
Damme ('51)	21-22S-33W	3,000	277,897	3,142,742	59	0	Morrowan	4,809	11
							Marmaton	4,417	5
							Morrowan	4,700	
Finnup East ('53)	25-22S-33W	40	521	15,518	1	0	Mississippian	4,626	10
Ivanhoe ('59)	17-26S-33W	60	19,824	70,531	2	0	Marmaton	4,412	16
							Morrowan	4,536	12
Kisner ('61)	36-26S-33W	40	no runs	665	1	0	Morrowan	4,922	5
Nunn ('38)	27-21S-34W	1,380	82,847	3,078,161	27	0	Morrowan	4,972	2
							Kansas City	13	31
							Marmaton	34	
							Cherokee	4,550	
Nunn East ('61)	31-21S-33W	160	20,300	99,096	4	0	Mississippian	4,654	10
							Marmaton	4,238	
							Cherokee	4,412	22
							Morrowan	4,624	2
							Mississippian	4,651	19
Nunn North ('57)	22-21S-34W		Included with Nunn		61	0	Marmaton	4,382	12
Pleasant Prairie ('54)	4-27S-34W	2,200	816,712	7,147,250			Marmaton	4,460	10
Also in Haskell and Kearny Counties									
							Morrowan	4,959	9
							Mississippian	5,041	34
Squavah ('56)	17-23S-34W	40	8,900	137,140	1	0	Morrowan	4,694	10
Stewart ('52)	6-23S-30W	40	2,928	46,469	1	0	Mississippian	4,710	28
Wampler ('59)	17-21S-33W	120	13,549	174,624	3	0	Marmaton	4,252	12
							Morrowan	4,573	4
Pools or fields abandoned				29,883					
Total Finney County		7,766	1,321,881	14,375,258	172	0			
FORD COUNTY									
Bucklin Northwest ('65)	36-28S-22W	Abandoned during 1965					Mississippian	5,173	4
Coon Creek ('65)	2-26S-21W	no report		0	1	0	Mississippian	4,766	4
Little Coon Creek ('61)	33-25S-21W	80	3,533	46,452			Cherokee	4,683	21
							Mississippian	4,779	4
Pleasant Valley ('50)	34-27S-21W	no report		18,341			Mississippian	4,954	145
Rushville ('62)	9-27S-21W	40	no runs	6,275	1	0	Mississippian	4,928	19
Tasset ('64)	10-23S-22W	no report		736	1		Mississippian	4,777	18
Willroads ('60)	26-27S-24W	40	9,268	65,805	1	0	Spurgeon	4,777	18
Pools or fields abandoned				6,010			Marmaton	4,663	9
Total Ford County		160	12,801	143,619	3	1			

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abdl. 1965	Producing zone		
			during 1965	to end of 1965			Name	Depth ft	Thick- ness, ft	Average gravity
FRANKLIN COUNTY									
Baldwin ('19)	15S-20E	700	28,040		52	0	"Squirrel"	800	
Also in Douglas County									
LeLoup	15S-20E	160	210		4	0	"Squirrel"	750	
Norwood	15S-20E	120	716		11	0			
Ottawa ('27)	17S-19E	60	201		2	1			
Paola-Rantoul (1860)	17S-21E	32,000	184,350		740	12	"Knobtown"	300	
Also in Miami County							"Hepler"	400	
							"Prue"	500	
							"Squirrel"	600	
							"Bartlesville"	700	
Total Franklin County		33,040	213,517	12,872,340 recorded	809	13			
GEARY COUNTY									
Ave ('65)	4-12S- 8E	40	991	991	1	0	Penn. congl.	1,858	16 31
Go-See ('59)	27-11S- 8E	20	1,050	8,013	1	0	Cherokee	1,749	12
Also in Riley County									
Total Geary County		60	2,041	9,004	2	0			
GOVE COUNTY									
Four Corners ('65)	27-14S-29W		no report	0		0	Mississippian	4,310	18
Garvey Ranch ('63)	18-15S-26W	120	25,537	120,998	1	0	Lans.-K.C.	3,714	8
			28,974		2		Mississippian	4,295	8
Horchem ('64)	27-15S-26W	400	32,385	228,986	2	0	Lansing	3,783	12
			113,215		6		Mississippian	4,350	8
Horchem West ('64)	31-15S-26W	40	1,060	4,067	1	0	Mississippian	4,384	16
Jacka ('64)	8-15S-26W	120	18,417	28,065	2	0	Kansas City	3,846	6 39
			6,657		1		Mississippian	4,174	5
Lundgren ('52)	30-14S-29W	500	58,754	394,340	11	0	Pawnee	4,076	18
							Fort Scott	4,139	1
							Cherokee	4,164	14
Valhalla ('64)	14-15S-28W	40	12,749	16,445	1	0	Mississippian	4,277	6 40
							Lansing	3,648	8

Pools or fields abandoned
Total Gove County

1,220 297,748 111,145 27 0

GRAHAM COUNTY

Allodium ('55)	19- 6S-25W	40	2,115	59,743	1	0	Lans. -K.C.	3,740	5	36
Blazier ('55)	21- 7S-25W	440	37,626	822,244	11	0	Lans. -K.C.	3,785	8	40
Blazier Northwest ('57)	20- 7S-25W		no report	60,226		0	Lans. -K.C.	3,844	6	40
Bolling ('62)	28- 9S-25W	200	8,027	36,989	4	0	Lans. -K.C.	3,986	45	39
Brassfield ('56)	2-10S-22W	600	27,463	416,833	12	0	Lans. -K.C.	3,688	4	40
Brush Creek ('55)	4- 9S-23W	720	29,924	834,377	19	0	Lans. -K.C.	3,768	4	38
Brush Creek Northwest ('57)	32- 8S-23W	160	11,825	158,388	4	0	Lans. -K.C.	3,818	6	36
Bryan ('59)	9-10S-24W		no report	7,783			Lansing	3,838	24	33
Bryan Northeast ('61)	4-10S-24W	160	45,822	187,724	4	0	Lans. -K.C.	3,780	4	37
Conness ('58)	23-10S-23W	180	7,451	129,298	5	0	Lans. -K.C.	3,712	6	36
Cooper ('43)	5-10S-20W	8,600	513,679	14,795,829	168	1	Arbuckle	3,778	2	31
Also in Rooks County										
Culp ('61)	21-10S-24W	120	18,237	69,234	3	0	Lans. -K.C.	3,796	6	41
Diebolt ('53)	33-10S-23W	1,460	165,511	3,528,027	84	0	Lans. -K.C.	3,779	6	35
Also in Trego County										
Dorman ('52)	30-10S-23W		no report	21,325		0	Lans. -K.C.	3,921	22	32
Elrick ('55)	15-10S-25W	2,600	2,014	3,735,035	1	0	Toronto	3,770	8	
			419,764		68		Lans. -K.C.	3,931	5	
			26,984		3		Cherokee	4,212	10	
Elrick Southeast ('59)	23-10S-25W	120	14,351	114,442	3	0	Lansing	3,751	6	41
Emor ('57)	34- 9S-25W	700	163,716	1,218,242	20	0	Lansing	4,016	12	40
Emor North ('60)	27- 9S-25W	40	5,358	47,735	1	0	Lans. -K.C.	3,867	5	39
Emor Northeast ('65)	26- 9S-25W	40	2,071	2,071	1	0	Lansing	3,869	10	40
Evergreen ('56)	22- 9S-23W		no report	12,903			Lans. -K.C.	3,711	2	29
Evergreen Northwest ('57)	17- 9S-23W	600	26,405	513,511	16	0	Lans. -K.C.	3,826	4	38
Fabricius ('58)	25- 7S-23W	720	56,206	1,053,103	23	0	Lansing	3,637	3	40
Faul ('58)	22-10S-22W	120	4,583	78,751	3	0	Lansing	3,760	4	36
Faulkner ('45)	27-10S-22W	40	6,391	263,471	1	0	Lans. -K.C.	3,629	2	37
							Matmaton	3,844		
Gettysburg ('41)	7- 8S-23W	120	9,779	121,776	3	0	Lans. -K.C.	3,725	30	39
Glen Dale Southeast ('58)	24- 9S-21W	140	22,140	196,377	5	0	Lansing	3,932	3	38
Glen Dale Southwest ('57)	28- 9S-24W	80	13,574	109,247	2	0	Lans. -K.C.	4,026	8	40
Gra-Sher ('59)	6-10S-25W	300	81,528	542,368	9	0	Lansing	3,815	4	33
Gurk ('58)	18-10S-25W	120	12,424	155,879	4	0	Lansing	3,824	31	
Gurk North ('62)	7-10S-25W	80	12,705	28,576	2	0	Lans. -K.C.	3,927	68	40
Harmony ('51)	32- 7S-22W	360	10,610	391,048	6	0	Lans. -K.C.	3,597	5	37
							Arbuckle	3,776		
Harmony South ('58)	7- 8S-22W	200	30,055	355,347	5	0	Lansing	3,578	8	37
Harrold ('57)	29- 9S-21W		no report	34,525		0	Arbuckle	3,885	5	
Hatcher ('56)	6- 9S-21W	80	801	37,449	2	0	Arbuckle	3,722	4	40
Higer ('57)	20- 8S-23W		no report	114,857		0	Lans. -K.C.	3,710	4	
Higer Northeast ('57)	17- 8S-23W	480	40,748	450,144	10	0	Lans. -K.C.	3,644	5	39

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery county, well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abst. 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thickness, ft	Average thickness, ft
GRAHAM COUNTY (concl.)										
Highland ('51)	20- 8S-22W	40	1,257	26,986	1	0	Lans.-K.C.	3,616		37
Highland Southwest ('58)	29- 8S-22W	40	2,219	89,802	1	0	Lansing	3,584	3	
Holley ('54)	3- 9S-24W	4,600	487,612	3,971,688	115	0	Lans.-K.C.	3,900	6	47
Holley North ('55)	29- 8S-24W	180	5,672	330,302	6	0	Lans.-K.C.	3,897	9	45
Holley Northwest ('57)	25- 8S-25W	80	2,987	62,333	2	0	Lans.-K.C.	3,831	5	41
Holley Southeast ('57)	10- 9S-24W	180	31,102	376,649	6	0	Lans.-K.C.	3,960	5	41
Hoof ('54)	9-10S-23W	640	189,420	2,423,635	28	0	Lans.-K.C.	3,865	4	32
Hoof East ('59)	14-10S-23W	160	7,531	181,294	4	1	Lansing	3,674	10	34
Hoof Northwest ('57)	6-10S-23W	720	165,384	927,155	29	1	Lans.-K.C.	3,934	11	43
Hoof West ('55)	8-10S-23W	300	18,077	256,466	7	0	Lans.-K.C.	3,903	5	
Huntington ('55)	7- 7S-25W	200	32,010	375,738	4	0	Lans.-K.C.	3,832	8	40
Hutton ('58)	1- 8S-24W	40	4,479	32,062	1	0	Lans.-K.C.	3,764	3	37
Ironclad ('50)	23- 9S-22W	780	51,009	960,049	16	0	Lans.-K.C.	3,756	6	37
J.A.B. ('62)	17- 7S-23W		no report	5,870		0	Lans.-K.C.	3,692	160	33
Jackson Branch ('65)	5- 9S-23W	120	19,359	19,359	3	0	Lansing	3,678	4	39
Knoll ('57)	4- 9S-25W		no report	14,759		0	Lans.-K.C.	3,875	4	39
Knoll Northwest ('58)	5- 9S-25W	40	3,018	18,243	1	0	Lansing	3,981	5	33
Kobler ('58)	27- 8S-24W	120	15,722	172,270	3	0	Lans.-K.C.	3,841	15	36
Kohart ('63)	28- 9S-24W	120	30,448	84,992	3	0	Lans.-K.C.	3,859	5	40
Lacerte ('56)	32-10S-22W		no report	34,394		0	Lans.-K.C.	3,602	4	36
Law ('51)	34- 9S-23W	900	46,068	1,381,189	15	0	Lans.-K.C.	3,922	10	38
Law Northwest ('57)	28- 9S-23W	300	30,711	525,745	11	2	Penn. congl.	4,126		
Law Southeast ('55)	12-10S-23W	480	34,312	629,659	14	0	Lans.-K.C.	3,826	6	38
Lindenman ('59)	31- 6S-25W	80	8,349	80,872	2	0	Lans.-K.C.	3,869	30	30
Lindenman West ('65)	31- 6S-25W		no report	0		0	Penn. congl.	4,088	11	40
Martha Washington ('62)	24-10S-25W	180	20,831	66,973	5	0	Lans.-K.C.	3,672	36	38
Martha Washington East ('65)	19-10S-24W	40	2,041	2,041	1	0	Lans.-K.C.	3,842	5	41
Mickleson ('52)	27- 8S-22W	140	6,613	160,179	4	0	Lansing	3,891	4	33
Montgomery ('53)	8- 8S-23W	100	6,041	106,738	3	0	Lans.-K.C.	3,913	9	33
Montgomery East ('58)	4- 8S-23W		no report	13,709		0	Arbuckle	3,502	34	34
Morel ('38)	15- 9S-21W	8,700	1,033,951	33,131,732	227	2	Lans.-K.C.	3,759	16	24
							Lans.-K.C.	3,511	33	
							Lans.-K.C.	3,706	4	
							Lans.-K.C.	3,676	3	
							"Sooy"	3,712	26	
Morel North ('55)	3- 9S-21W		no report	15,152			Arbuckle	3,718	12	27
Mount Vernon ('58)	6- 7S-22W	240	42,651	343,257	8	0	Penn. congl.	3,667	5	38
Mount Vernon North ('63)	24- 6S-23W		no report	2,692		0	Lansing	3,759	5	38
							Lans.-K.C.	3,631	5	

Nana ('53)	4- 8S-24W	480	45,974	1,271,181	16	0	Lans.-K.C.	3,738	8	41
Nana Northwest ('58)	33- 7S-24W	200	14,420	259,147	7	0	Lansing	3,873	4	41
Penokee ('40)	11- 8S-24W	200	16,143	391,007	6	0	Lans.-K.C.	3,750	16	43
Prairie Glen ('54)	25-10S-23W	100	4,634	89,726	3	0	Lans.-K.C.	3,596	4	33
Prairie Glen Southeast ('55)	31-10S-22W		no report	96,943		3	Lans.-K.C.	3,594	8	
Prairie Glen Southwest ('58)	35-10S-23W	40	1,701	21,695	1	0	Lansing	3,734	5	
Ray ('49)	32- 5S-20W		no report	1,240			Lans.-K.C.	3,297		
Also in Norton and Phillips Counties										
Red Line ('55)	32- 9S-22W	300	9,673	268,799	5	0	Arbuckle	3,575		32
Red Line North ('55)	20- 9S-22W	240	31,157	90,158	6	0	Reagan	3,540	3	40
Red Line Northwest ('61)	19- 9S-22W	480	123,631	204,380	12	0	Lans.-K.C.	3,776	3	40
Richmeier ('61)	30- 9S-25W		no report	580		0	Lans.-K.C.	3,676	4	35
Riedel ('62)	6-10S-24W	40	2,820	37,426	1	0	Lans.-K.C.	3,675	4	35
Schmied ('52)	21- 8S-25W	1,280	240,038	2,443,457	23	0	Lans.-K.C.	3,876	8	38
Schmied Northeast ('54)	10- 8S-25W	160	5,181	113,153	4	0	Lans.-K.C.	3,864	6	40
Schmied Northwest ('57)	5- 8S-25W	80	1,365	61,009	2	0	Lans.-K.C.	3,740	4	30
Schmied South ('57)	28- 8S-25W		no report	0		0	Lans.-K.C.	3,867	25	46
Shiloh ('51)	1- 9S-25W	320	53,333	459,673	10	0	Lans.-K.C.	3,952	5	41
Shiloh South ('63)	12- 9S-25W	40	14,348	29,683	1	0	Lansing	3,931	5	
Trico ('51)	30-10S-20W	1,800	311,896	4,239,722	58	0	Lans.-K.C.	4,013	6	42
Also in Ellis, Rooks, and Trego Counties										
Van ('54)	14- 9S-22W	480	51,356	946,972	16	0	Lans.-K.C.	3,651	7	
Vance ('62)	5-10S-25W	40	3,288	18,520	1	0	Arbuckle	3,786		
Vesper ('57)	36- 9S-23W	1,800	115,570	1,415,447	41	1	Lans.-K.C.	3,580	5	22
Wheeler ('57)	8-10S-21W	200	6,605	103,393	6	0	Lans.-K.C.	3,871	8	24
Zeigler North ('64)	34-10S-21W	40	9,631	15,617	1	0	Lans.-K.C.	4,035	17	
Pools or fields abandoned										
Total Graham County		47,460	5,191,525	90,512,263	1,243	11		3,849	2	41
GRANT COUNTY										
DaVatz ('61)	13-28S-36W	40	9,893	44,134	1	0	Morrowan	5,220	1	38
Hick ('59)	23-30S-35W	80	5,329	31,841	2	0	Mississippian	5,392	20	41
Pollyana ('59)	36-27S-35W	80	17,068	30,743	2	0	Shawnee	4,090	13	32
Ryus ('61)	3-30S-35W		no report	4,952		0	Lansing	4,700	2	36
Total Grant County		200	32,290	111,670	5	0	Morrowan	5,234	5	38

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl during 1965	Pro- ducing wells	Wells abandoned, 1965	Producing zone		
						Name	Depth in feet	Average gravity
GREENWOOD COUNTY								
Atveo-Pixlee ('23) Also in Chase and Lyon Counties	7-22S-10E	1,700	65,226	44	0	"Bartlesville"	2,350	20
Beaumont ('20)	27S-8E	840	62,422	36	2	Mississippian	2,400	
						"Peru"	1,830	
						Mississippian	2,445	
Beaumont South ('35)	2-28S-8E	120	4,453	5	0	Arbuckle	2,740	
Bernard Branch ('65)	33-22S-10E	40	3,418	1	0	Mississippian	2,500	
Blackwell ('25)	16-24S-13E	300	4,416	8	0	"Bartlesville"	2,149	34
Blackenship ('21)	26S-8E		no report		0	Mississippian	1,650	38
Also in Butler County						"Bartlesville"	2,650	
Brinegar	26S-13E	400	3,453	15	0	"New Albany"	427	11
Brinegar North (Abd.) ('45)	28-26S-13E	40	80	1		Mississippian		
Browning ('24)	22S-10E	1,000	39,877	34	20	"Bartlesville"	2,314	51
Burkett ('23)	24-23S-10E	2,100	105,798	89	2	"Bartlesville"	2,000	38
Burt ('49)	8-26S-11E	40	966	1	0	Mississippian	1,945	
Climax ('25)	27S-11E		no report			Mississippian	1,900	15
DeMolrie-Souder ('24)	22S-10E	2,100	217,333	120	3	Mississippian	2,150	55
Dunaway ('22)	34-22S-13E	1,640	125,182	62	1	"Bartlesville"	1,800	12
Also in Coffey County						Mississippian		38
Eureka ('27)	31-25S-11E	1,450	23,071	51	0	Fort Scott	1,750	10
Fancy ('56)	25-26S-12E	120	4,347	4	0	Mississippian	2,000	35
Fankhouser ('26)	4-22S-12E	840	22,688	17	3	Mississippian	1,643	5
Also in Lyon County						"Bartlesville"	1,850	24
Gaffney ('26)	18-24S-11E	480	19,138	18	2	"Bartlesville"	1,850	
Hinchman ('27)	17-24S-13E	240	4,516	8	0	Mississippian	1,615	
Hollis ('27)	16-23S-10E	80	2,568	3	0	"Bartlesville"	2,150	
Hubbard ('26)	10-22S-13E	40	738	2	0	Cherokee	1,500	
Huffine ('62)	10-28S-13E		no report		2	"Burgess"	1,299	3
						Mississippian	1,302	4
Jackson	25S-8E	160	6,195	4	0	"Bartlesville"		
Lamont ('26)	29-22S-13E	1,500	35,166	48	4	"Bartlesville"	1,700	42
Lane ('58)	5-26S-12E	10		0	3	"Bartlesville"	1,853	7
Ly-Green ('54)	5-22S-11E	40	633	1	0	Mississippian	1,858	13
Also in Lyon County						"Bartlesville"		
Mignot ('51)	9-22S-11E		no report		0	"Bartlesville"	1,921	10
Near	31-25S-13E		no report		0	Mississippian	1,525	
Ott	7-22S-13E	40	266	1	0	Viola	2,210	8
						Simpson	2,236	25

Petterson ('44)	19-27S-11E	40	42	1	Arbuckle	2,406	38
Polhamus ('22)	25S- 9E	980	33,274	30	"Bartlesville"	2,180	34
Quincy ('26)	11-25S-13E	1,100	33,105	42	Arbuckle	2,706	17
Also in Woodson County					"Bartlesville"	1,500	20
Reece ('25)	24-26S- 9E	1,400	30,031	22	Mississippian	1,720	
Ritchey-Moore ('25)	34-21S-10E	40	1,307	1	Kansas City	1,380	12
Also in Lyon County				0	Mississippian	2,100	36
Sallyards	25S- 8E	3,400	309,058	208	"Bartlesville"	2,350	40
Sauerwein ('63)	5-27S-10E		no report		Kansas City	1,372	1
Scott ('25)	24-23S- 8E	900	24,716	32	"Bartlesville"	2,525	40
Seeley-Wick ('22)	28-23S-11E	8,600	605,335	444	"Cattelman"	1,631	
Severy ('22)	28S-11E	220	5,731	12	"Bartlesville"	1,930	45
Also in Elk County				0	Kansas City	1,200	
Severy North	27S-11E	40	209	1	Kansas City	830	
Stanhope	15-26S- 8E	200	12,513	13	Mississippian	2,450	11
Sutherland ('64)	14-23S-12E	40	2,536	1	Arbuckle	2,166	2
Teeter ('20)	16-23S- 9E	3,020	250,238	166	"Bartlesville"	2,400	10
Also in Chase County							
Teichgraber ('39)	25S- 8E	1,600	207,060	79	"Bartlesville"	2,750	50
Thrall-Agard ('21)	14-24S- 9E	5,000	597,264	288	"Bartlesville"	2,170	45
Tonovay ('17)	25S-11E	40	566	1	Mississippian	1,830	29
Toronto (Abd.) ('13)	16-26S-13E	120	957	5	"Peru"	1,000	34
Also in Woodson County					"Bartlesville"	1,700	
Virgil ('16)	14-24S- 2E	4,400	199,308	181	"Bartlesville"	1,550	40
Virgil North ('20)	22-23S-13E	7,000	175,856	317	Mississippian	1,700	12
Also in Coffey and Woodson Counties				0	"Bartlesville"	1,585	52
Wiggins ('25)	30-24S-11E	1,200	27,276	24	Mississippian	1,840	12
Wilkinson ('26)	6-25S- 9E	500	16,287	11	"Bartlesville"	1,860	15
Willard ('27)	7-27S-11E	160	7,255	11	"Bartlesville"	2,200	48
Winterschied	23S-14E	40	1,605	1	Mississippian	1,900	10
Also in Coffey and Woodson Counties				0	Mississippian	1,750	
Zebold ('57)	27-23S- 9E	80	2,412	2	Mississippian	2,424	8
Zimmerman ('53)	19-23S-10E	140	1,989	5	"Bartlesville"	2,296	
Miscellaneous		60	1,750	2			
Total Greenwood County		55,630	3,299,640	2,473			97
			recorded				

HAMILTON COUNTY

Gould ('59)	30-25S-41W	40	6,274	1	Morrowan	5,119	8
Helfrich ('55)	6-25S-42W	40	1,914	1	Morrowan	5,040	10
Total Hamilton County		80	8,188	2			39

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abdl. 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thick- ness, ft	Average gravity
HARPER COUNTY										
Alfalfa ('61)	12-34S- 6W	40	2,428	14,558	1	0	Kansas City	3,751	8	44
Banner ('54)	27-32S- 7W		no report	143,302		0	Viola-Simpson	4,833	6	43
Crystal Springs ('59)	18-32S- 7W	40	no runs	1,289	2	0	Mississippian	4,420		
Duquoin ('65)	10-31S- 7W	40	635	635	1	0	Mississippian	4,345	17	37
Freeport ('63)	5-33S- 5W	140	15,296	35,773	4	0	Kansas City	3,725	2	
							Mississippian	4,364	26	44
Gerber ('57)	28-31S- 5W	80	3,434	88,492	2	0	Lans.-K.C.	3,570	6	
							Simpson	4,642	2	45
Gish ('57)	17-31S- 6W	540	26,691	761,371	13	4	Mississippian	4,349	7	
Goheen ('58)	12-31S- 7W	100	2,520	63,303	2	0	Mississippian	4,700	6	46
			29,483		2		Simpson	4,283	23	36
Grant ('57)	20-31S- 7W	260	165,210	1,102,442	12	0	Simpson	4,696	13	46
Harper ('58)	11-32S- 7W		no report	29,136		0	"Elgin"	3,058	4	35
							Viola	4,711		
							Simpson	4,714		40
Hibbard ('57)	23-34S- 9W	120	2,010	25,291	4	0	Mississippian	4,586	14	
Maple Grove ('65)	36-30S- 7W		no report	0		0	Simpson	4,712	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	80	7,932	46,814	2	0	Mississippian	4,367	2	38
							Simpson	4,734	1	43
Rex ('61)	1-32S- 5W	80	17,000	110,644	2	0	Simpson	4,628	6	44
Runnymede ('53)	23-31S- 6W	160	4,956	259,223	1	0	Lans.-K.C.			
			21,464		3		Simpson	4,648		47
Sharon ('55)	13-32S-10W	1,200	43,478	767,374	23	0	Mississippian	4,355	10	
Also in Barber County										
Spivey-Grabs-Basil ('49)	13-31S- 9W	6,600	655,554	7,507,098	182	1	Lans.-K.C.	3,727	14	29
Also in Kingman County							Mississippian	4,400	14	
Stohrville ('57)	36-33S- 6W	280	15,853	177,636	7	0	Viola	4,511	3	
Sullivan ('61)	31-32S- 8W	40	no runs	7,664	1	0	Mississippian	4,461	7	36
Zuercher ('59)	9-32S- 7W	160	46,528	360,233	4	0	Viola	4,670	6	38
Pools or fields abandoned				46,426			Simpson	4,723	13	36
Total Harper County		9,960	1,060,472	11,567,914	268	5				

HARVEY COUNTY

Alta Mills ('58)	29-22S-2W	120	5,655	85,641	3	0	Simpson	3,677	5
Annelly ('62)	2-24S-2E	160	16,351	82,646	4	0	"Burgess"	2,760	7 43
Annelly West ('65)	3-24S-2E	40	4,497	4,497	1	0	"Burgess"	2,817	1 42
Appling ('63)	32-24S-2E	100	no runs	5,291	3	0	"Burgess"	2,895	10
Burton ('31)	1-23S-4W	Included with Reno County					Mississippian	3,266	
Also in Reno County							Hutton	3,583	
Burton East ('60)	28-23S-3W	40	488	4,381	1	0	Mississippian	3,288	51
Burton Northeast ('42)	3-23S-3W	120	6,045	44,037	3	0	"Chat"	3,224	
DuBois ('57)	3-25S-2E	880	116,010	1,083,375	23	6	"Burgess"	2,830	8
Also in Sedwick County									
Gingrass ('57)	17-24S-2E	220	8,468	161,323	9	0	"Burgess"	2,831	2
Graber ('34)	32-21S-1W	40	1,605	174,204	1	0	Hutton	3,226	2
Also in McPherson County							Hutton	3,274	24
Halstead ('29)	36-22S-2W	840	34,377	2,373,925	18	0	"Miscner"	3,323	41
							Lans.-K.C.	2,665	3
Halstead West ('60)	10-23S-2W	480	12,358	607,720	3	0	"Chat"	3,005	30
			2,365		1		Hutton	3,160	6 26
			73,034				Viola	3,292	20 29
Harmac	35-21S-3W	Included with McPherson County				8	Simpson	3,299	10
Also in McPherson County							Hutton	3,521	8 41
Hollow-Nikkel ('31)	30-22S-3W	2,900	592,563	23,209,598	75	0	"Chat"	3,195	13 40
Also in McPherson County							Hutton	3,507	14
							Simpson	3,536	
Sperling ('35)	23-22S-2W	280	14,840	981,045	6	1	Hutton	3,279	16
Sperling South ('57)	23-22S-2W	no report					Mississippian	2,954	13
West Branch ('58)	23-23S-2E	160	9,544	64,968	4	0	Viola	3,386	6
Pools or fields abandoned				124,440			"Burgess"	2,773	2
Total Harvey County		6,380	898,200	29,113,914	163	7			

HASKELL COUNTY

Eubank ('58)	28-28S-34W	1,800	132,975	4,306,241	11	0	Lansing	4,112	34
			72,281		12		Marmaton	4,692	17 46
							Cherokee	4,843	36
			110,268		17		Morrowan	5,171	22 37
Eubank North ('59)	4-28S-34W	320	394,049		32		Mississippian	5,439	6 37
Hopkins ('60)	34-30S-33W		173,405	308,286	8	1	Morrowan	5,360	7 37
Also in Seward County			Combined into Victory				Mississippian	5,378	7 30
Koenig ('58)	12-29S-34W	80	8,678	60,257	2	0	Morrowan	5,294	8 29
Koenig East ('61)	9-29S-33W	40	1,965	30,859	1	0	Morrowan	5,272	28
Lemon ('62)	33-30S-33W	Combined into Victory					Lansing		37
Lemon Northeast ('65)	23-29S-33W	no report		0			Desmoinesian	5,126	2

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thickness, ft	Average gravity
HASKELL COUNTY (concl.)										
Combined into Victory										
Lemon Northwest ('61)	17-30S-33W						Lans.-K.C.	4,084	2	
							Marmaton	4,885	2	
							Morrowan	5,245	79	
Pleasant Prairie ('54)	4-27S-34W	3,400	357,682	3,750,362	30	0	Morrowan	4,959	9	
Also in Finney and Kearny Counties				estimated			Mississippian	5,041	34	
Satanta ('57)	21-30S-34W	80	3,086	116,053	2	0	Morrowan	5,370	10	38
Victory ('60)	32-30S-33W	2,900	743,460	2,764,205	73	1	Lansing	4,126	10	
							Marmaton	4,750		
							Morrowan	5,245	79	
							Mississippian	5,378	7	30
Total Haskell County		8,620	1,997,849	11,296,263 estimated	188	2				
HODGEMAN COUNTY										
Armstrong ('63)	15-22S-23W	80	4,265	17,071	2	0	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	55,032	134,782	6	0	Mississippian	4,310	12	
Goebel East ('63)	13-21S-24W	300	62,715	139,419	7	0	Mississippian	4,428	9	
Hallett ('56)	15-22S-25W	960	94,953	1,299,868	20	0	Mississippian	4,598	40	38
Hanston-Oppy ('61)	22S-22W	6,400	890,822	3,539,022	101	2	Marmaton	4,296	20	
							Mississippian	4,486	27	35
Hanston-Oppy East ('64)	13-22S-22W	40	16,100	25,384	1	0	Osagian	4,392	16	
Hanston-Oppy Southeast ('64)	3-23S-22W	160	24,468	24,468	4	0	Mississippian	4,439	3	
Jarnagin ('62)	11-23S-23W	80	4,288	20,930	2	0	Mississippian	4,485	8	37
Jetmore ('50)	24-22S-24W	200	32,013	245,295	5	0	Mississippian	4,580	12	37
Jetmore East ('59)	30-22S-23W	160	35,775	224,641	4	0	Cherokee	4,534	3	
							Mississippian			
Kingry ('63)	3-23S-21W	80	7,703	23,095	2	0	Cherokee	4,415	40	
							Mississippian	4,573	10	38
Lappin ('62)	33-23S-23W	40	1,949	14,912	1	0	Mississippian	4,665	20	
Lippoldt ('63)	14-23S-23W	320	72,035	227,136	7	0	Mississippian	4,488	17	
Mellicker ('63)	17-24S-22W	240	52,712	134,227	6	0	Mississippian	4,683	25	
Nova ('59)	17-22S-23W	80	6,302	78,639	2	0	Mississippian	4,622	20	32
Nova North ('60)	8-22S-23W	80	2,008	75,057	2	1	Mississippian	4,625	7	37
Oppy South ('62)	36-22S-23W	360	102,970	200,840	9	1	Mississippian	4,476	9	35

Purdyville ('51)	3-24S-24W	160	27,426	983,512	4	0	Penn. congl.	4,651	36
Salmons ('63)	3-22S-22W	40	279	10,420	1	0	Mississippian	4,663	18
Saw Log Creek ('53)	36-23S-22W	200	9,843	231,714	5	0	Mississippian	4,453	1
							Marmaton	4,284	11
							Cherokee	4,356	8
Saw Log Creek Southeast ('63)	9-24S-21W	240	54,108	140,324	6	0	Mississippian	4,656	38
Stairrett ('62)	24-21S-25W	540	130,199	302,847	13	0	Mississippian	4,497	7
Valley ('58)	7-21S-24W	40	no runs	7,059	1	0	Mississippian	4,391	3
Wieland ('56)	16-21S-22W	80	4,504	50,604	2	1	Marmaton	4,284	16
							Cherokee		39
Wieland North ('59)	9-21S-22W	680	132,923	788,882	10	0	Mississippian	4,380	16
							Cherokee	4,275	38
Wieland West ('60)	18-21S-22W	160	80,337	426,766	4	0	Mississippian	4,346	10
Pools or fields abandoned							Mississippian	4,364	16
Total Hodgeman County		11,960	1,905,729	9,376,469	227	5			

JACKSON COUNTY

Leach ('63)	15- 7S-13E	560	70,645	174,282	12	0	Hutton		
			11,999		4		Viola		
Total Jackson County		560	82,644	174,282	16	0		3,230	17

JEFFERSON COUNTY

875,360
recorded

JOHNSON COUNTY

Dallas ('38)	8-13S-25E	60	268		4	0	Cherokee		
Gardner ('39)	14S-22E	1,400	48,433		70	2	Marmaton		
Miscellaneous		20	40		1	2			
Total Johnson County		1,480	48,741		75	4			

KEARNY COUNTY

Beymer ('65)	28-21S-35W	40	19,081	19,081	1	1	Marmaton	4,408	2
Beymer Northwest ('65)	19-21S-35W	40	1,137	1,137	1		Marmaton	4,608	2
Lake McKinney ('65)	17-24S-35W	40	4,536	4,536	1	0	Morrowan	4,680	5
Lakin ('57)	34-25S-36W	80	44,303	287,823	2	0	Mississippian	4,984	16

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Producing wells 1965	Producing zone			
			during 1965	to end of 1965		Name	Depth ft	Thickness, ft	Average
KEARNY COUNTY (concl.)									
Moser ('64)	31-24S-36W	40	2,473	3,775	1	0	St. Louis	4,822	12
Patterson ('41)	23-22S-38W	160	27,770	822,581	3	0	Cherokee	4,748	34
			5,665		1		Morrowan	4,800	4
Patterson Southeast ('64)	36-22S-38W	40	3,599	5,724	1	0	Morrowan	4,740	4
Pleasant Prairie ('54)	4-27S-34W	80	11,597	148,651	2	0	Morrowan	4,959	9
Also in Finney and Haskell Counties							Mississippian	5,041	
Rupp ('64)	5-21S-38W	40	10,807	16,914	1	0	Morrowan	4,776	4
Also in Wichita County									
Miscellaneous			no report		2				
Total Kearny County		560	130,968	1,310,222	14	3			
KINGMAN COUNTY									
Alameda ('58)	23-28S- 7W	1,700	54,532	2,149,683	5	0	Lansing	3,599	8
			844		2		Mississippian	3,988	4
			489,492		31		Viola	4,356	5
							Simpson	4,353	44
					3		Mississippian	3,732	25
Bartholomew ('48)	30-27S- 4W		Included with Sedgwick County						
Also in Sedgwick County									
Beshore ('63)	30-28S- 5W	40	3,527	13,316	1	0	Mississippian	3,876	12
Bickel ('62)	15-28S- 6W		no report	664	0		Mississippian	3,881	
Broadway ('50)	21-28S- 5W	1,140	113,615	2,212,812	39	2	Mississippian	3,833	6
Broadway West ('54)	19-28S- 5W	440	31,284	262,857	10	0	Mississippian	3,884	6
C P & W ('65)	35-27S- 7W	40	1,383	1,383	1	0	Kansas City	3,189	15
Casley ('52)	11-28S- 5W	320	15,372	376,432	8	1	Mississippian	3,794	7
Cunningham ('31)	7-28S-11W		Included with Pratt County				Mississippian	3,600	33
Also in Pratt County							Lans.-K.C.		41
Dale ('59)	35-28S- 6W		no report	365	0		Mississippian	3,928	
Dewey ('50)	9-28S- 5W	340	21,996	619,845	7	0	Mississippian	3,801	37
Dresden ('51)	13-27S-10W	40	2,813	1,063,625	1	0	Lans.-K.C.	3,806	37
							Mississippian	4,002	8
							Viola	4,270	2
Georgia Spur Northeast ('64)	32-27S- 6W		no report	542	0		Mississippian	3,863	41
							Viola	4,252	1
Goetz ('56)	29-29S- 9W	80	3,161	584,919	2	0	Mississippian	4,408	6

Hostetler ('65)	32-30S- 7W	40	158	158	1	0	Viola	4,748	16
Hurn ('60)	28-27S- 5W	40	no runs	10,111	1	0	Mississippi	3,777	12
Klaver ('60)	9-29S- 6W	80	6,381	34,001	2	0	Mississippi	4,074	7 37
Kostner ('60)	1-29S- 6W	40	186	5,170	1	1	Mississippi	3,894	6 40
Kysor ('64)	17-30S- 5W	40	46,233	50,210	1	0	Lans.-K.C.	3,497	12
Lansdowne North ('51)	4-28S- 5W	40	608	30,801	1	0	Mississippi	3,814	3 40
Lock ('59)	13-30S- 7W	40	920	11,804	1	0	Mississippi	4,110	9 33
Maple Grove ('65)	36-30S- 7W	320	42,635	42,655	8	0	Simpson	4,712	5
Also in Harper County									
Orasmus ('53)	30-29S- 5W	160	46,697	506,389	4	0	Viola	4,455	12 43
Pat Creek ('46)	20-28S- 9W	80	2,954	321,878	2	0	Simpson	4,468	
							Mississippi	4,129	5
							Viola	4,406	6 41
Prather ('62)	18-28S- 7W	80	9,619	20,541	2	0	Simpson	4,475	18
Reida ('55)	18-30S- 6W	80	5,725	44,997	2	0	Lans.-K.C.	3,254	5 42
							Lans.-K.C.	4,502	4 43
Reida South ('57)	19-30S- 6W	160	5,628	122,884	4	1	Mississippi	4,170	8 33
Rosedale ('54)	32-29S- 6W	1,300	223,861	1,172,327	27	1	Lans.-K.C.	3,691	5 43
			22,811		2		Mississippi	4,149	7 40
			45,267		3		"Misenner"	4,495	3
Rosedale Northeast ('60)	28-29S- 6W	Combined into Rosedale					Lans.-K.C.	3,555	5
							Mississippi	4,149	7 40
							"Misenner"	4,495	3
Settle ('56)	18-29S- 7W	80	120	4,017	2	0	Mississippi	4,110	
Smoots Creek ('59)	1-27S- 8W	40	3,162	44,534	1	0	Viola	4,509	3 47
Spade ('55)	27-29S-10W	40	4,725	4,725	1	0	Kansas City	3,350	3 40
Spivey-Grabs-Basil ('49)	13-31S- 9W	17,000	2,449,684	24,893,998	531	2	Mississippi		
Also in Harper County									
Varner ('64)	8-27S- 6W	40	1,192	2,091	1	0	Lans.-K.C.	3,727	
							Mississippi	4,400	14 29
Willowdale ('54)	11-29S- 9W	480	30,940	1,226,613			Viola	4,511	3
Pools or fields abandoned				63,639			Mississippi	3,736	10
					10	0	Viola	4,086	1
							Admire	2,390	3
		24,320	3,687,545	39,540,237	715	11			
KIOWA COUNTY									
Alford ('44)	14-30S-19W	280	31,694	66,919	7	0	Mississippi	5,040	
Alford West ('65)	15-30S-19W	40	6,987	6,987	1	0	Mississippi	5,057	10 38
Belvidere ('62)	17-30S-16W	40	6,543	25,928	1	0	Viola	4,880	6 38
Conklin Estate ('63)	11-29S-17W	40	1,441	5,423	1	0	Mississippi	4,700	10
Eaton ('61)	35-27S-17W	40	1,666	11,630	1	0	Kinderhookian	4,712	7 32
Einsel ('62)	1-28S-19W	240	27,330	36,757	6	0	Mississippi		
							Kinderhookian		

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aban- doned 1965	Name	Depth ft	Thick- ness, ft	Average gravity
			during 1965	to end of 1965						
KIOWA COUNTY (concl.)										
Fralick ('60)	14-27S-20W	80	11,749	90,221	2	0	Mississippian	4,790	5	32
Fralick South ('62)	35-27S-20W	240	20,105	41,277	6	0	Mississippian	4,862	14	36
Fralick West ('61)	16-27S-20W	600	231,589	269,597	16	0	Mississippian	4,831	10	37
Fruit ('60)	28-27S-16W	200	6,867	44,633	5		Cherokee	4,649	7	37
							Mississippian	4,652	6	33
Glick ('57)	31-30S-16W	9,280	18,179	105,450	23	0	Mississippian	4,880		
Also in Comanche County										
Greensburg ('56)	35-27S-18W		no report	4,985			Kinderhookian	4,742	12	
Haviland ('55)	17-28S-16W	120	1,504	45,816	3	0	Kinderhookian	4,761	9	36
Johansen (Abd) ('54)	13-28S-19W	40	335	31,426	1	0	Lans.-K.C.	4,284	4	
Abandoned during 1965										
Nichols ('55)	20-29S-18W	2,200	161,887	5,071,736	79	0	Mississippian	4,997		
Nichols Northwest ('65)	11-29S-19W	40	2,153	2,153	1	0	Mississippian		16	
Pyle ('55)	16-29S-16W	40	2,950	90,316	1	0	Mississippian	4,666	14	38
Pyle Southwest ('62)	19-29S-16W	80	9,582	76,946	2	0	Mississippian	4,706	2	
Quaker ('58)	10-27S-19W	120	11,284	58,403	2	0	Lans.-K.C.	4,204	7	38
Also in Edwards County										
Schwarm ('65)	32-29S-17W	40	1,780	1,243	1	0	Mississippian	4,800	2	36
Trousdale South ('56)	4-27S-16W	40	no runs	10,107	1	0	Mississippian	4,863		32
Ursula Northeast ('63)	1-29S-18W	40	no runs	479	1	0	Kinderhookian	4,525	33	
Wellsford ('55)	15-28S-16W	80	4,207	107,486	2	0	Mississippian	4,874	25	
							Marmaton	4,680		
							Cherokee	4,723	10	36
Pools or fields abandoned				130,751						
Total Kiowa County		13,920	560,016	6,336,639	164	0				
LABETTE COUNTY										
Altamont	33S-19E		no report				"Bartlesville"	540		
Chetopa ('36)	36-34S-20E	80	187		3	0	Arbuckle	850		23
Chetopa Townsite (Abd.)	34S-21E	40	421		1		"Bartlesville"			
Coffeyville-Cherryvale	32S-17E	2,400	46,090		67	3	"Wayside"	400		
Also in Montgomery and Wilson Counties										
							Fort Scott	600		
							"Bartlesville"	1,000		
Dartnell	31S-17E	180	1,181		6	0	"Bartlesville"			
Edna ('25)	34S-18E	40	71		1	0	"Bartlesville"	580		
							Arbuckle	1,191		24
Lake Creek	1-35S-19E	40	1,532		2	0	Arbuckle			

Mound Valley	32S-18E	340	9,817	26	1	"U. Bartlesville" 630 "L. Bartlesville" 700 Mississippian 900 "Bartlesville" 600	30
Price ('17)	33S-18E	700	34,295	27	0		
Valeda (Abd.)		40	79	1			
Miscellaneous		40	23	1	2		
Total Labette County		3,900	93,696	135	6		
			1,644,503				
			recorded				
LANE COUNTY							
Broughton ('62)	10-16S-27W	80	3,709	2	0	Lans.-K.C.	4,062 1 38
Demand ('62)	25-16S-28W	200	20,344	5	0	Lans.-K.C.	3,999 3
						Ft. Scott	4,512 6
Pendennis ('61)	28-16S-27W	120	22,855	3	0	Lans.-K.C.	3,969 4 39
Pendennis South ('62)	33-16S-27W	200	46,684	4	0	Lans.-K.C.	3,975 11 40
Selridge ('62)	9-17S-27W	40	7,146	1	0	Cherokee	4,498 11
Pools or fields abandoned							
Total Lane County		640	100,738	15	0		

LEAVENWORTH COUNTY

Linwood ('44)	15-12S-21E	450	5,714	17	0	"Squirrel"	672 8 28
Total Leavenworth County		450	5,714	17	0		
			121,767				
			recorded				

LINN COUNTY

Beagle	19S-22E		no report				
Also in Miami County							
Centerville ('20)	10-21S-22E	800	3,480	118	0	"Squirrel"	480
Also in Anderson County						"Bartlesville"	720
Goodrich-Parker ('22)	25-20S-21E	1,600	25,608	141	0	"Squirrel"	600 20
LaCygne-Cadmus	20S-24E	660	24,637	125	1	"Bartlesville"	700
						Bandera	150 20
						Labette	200
Miscellaneous		160	1,005	4	0		
Total Linn County		3,220	54,730	388	1		
			1,594,221				
			recorded				

Table 23. Oil production in Kansas during 1965 (continued).

Location of the producing well	Acres	Oil production, bbl during 1965	Oil production, bbl to end of 1965	Producing zone	Thickness, ft	Average gravity
LOGAN COUNTY						
Wagoner (C59)	18	no report	7,255	Lansing	4,154	4
Total Logan County			7,255			
LYON COUNTY						
Also in Cherokee and Greenwood Counties	900	28,774		"Bartholomew"	2,200	32
Bartholomew (C24)	540	43,916		Viola	2,500	
Bartholomew (C26)	500	9,404		"Bartholomew"	1,850	41
Also in Greenwood County						
Ly Green (C46)	40	1,237	29,479	"Bartholomew"	1,858	
Also in Greenwood County						
Reichley Moore (C25)	40	1,124		Mississippian	2,170	36
Rock Creek (C47)	220	7,966		"Bartholomew"	1,900	12
Total Lyon County	2,240	92,421	8,875,002 recorded			38
McPHERSON COUNTY						
Battle Hill North (C48)	40	3,341	146,136	Mississippian	2,811	17
Battle Hill (C49)	40	11,546	82,636	Mississippian	2,655	10
Canon North (C36)	580	19,944	927,303	"Chat"	2,803	29
Chandlerburg (C29)	1,200	47,107	2,148,158	Lans.-K.C.	2,363	19
Combs (C40)	40	2,383	33,484	"Chat"	3,007	30
Crowther (C42)	1,180	52,586	3,919,967	"Chat"	2,778	34
Elyria (C58)	320	10,768	205,440	Mississippian	3,068	
Lanaka South (C60)		no report	0	Mississippian	2,819	80
Also in Marion County						
Georob (C47)	1,600	106,010	4,078,193	"Chat"	2,665	3
Goward (C58)	700	116,292	489,028	Hutton	3,407	3
Goward (C34)	3,700	159,725	15,187,015	Hutton	3,274	24
Also in Harvey County				"Mischer"	3,323	40
Graham North (C51)	40	183	6,812	Mississippian	2,955	41
Greendale Northeast (C58)	80	4,500	66,887	"Mischer"	3,715	6

Groveland South ('53) Gypsum Creek ('44) Also in Saline County	14-20S-4W 4-17S-1W	360 360	7,518 9,461	737,582 568,782	9 9	1 0	Viola "Chat"	3,719 2,619	6 14	36
Harmac ('55) Also in Harvey County	35-21S-3W	600	14,521	699,244	13	2	Hunton	3,521	4	40
Henne ('40) Hollow-Nikkel ('31) Also in Harvey County	21-17S-1W 30-22S-3W	680 Included with Harvey County	23,587	1,853,202	17	2	"Chat" "Chat"	2,658 3,195	5 13	36 40
Jenday ('44)	1-19S-2W	800	23,242	1,179,547	19	0	Tarkio "Chat"	1,438 2,984	9 15	37
Johnson ('32) Johnson South ('50)	35-19S-3W 11-20S-3W	1,200 40	56,735 no runs	3,983,351 27,845	22 1	1	"Chat" Mississippian Simpson	3,032 3,043 3,514	14 36 6	36
Larson North ('60) Lindsborg ('38) Also in Saline County	27-18S-2W 8-17S-3W	4,500 no report 130,891	3,328 10,149,179	79	6	0	Mississippian Viola	2,919 3,352	12 21	35 35
Lindsborg South ('55) McMurtry ('60) McPherson ('26)	6-18S-3W 13-18S-4W 29-18S-2W	200 80 1,960	16,907 3,364 92,888	182,930 34,319 2,678,923	5 2 70	0 0 0	Simpson Maquoketa Lans.-K.C. "Chat"	3,523 3,476 2,340 2,967	4 6 10 11	35 38
Maxwell ('48) Padon ('43)	17-18S-1W 10-18S-1W	1,800 no report 188,548	60,834 6,153,717	83	3	0	Mississippian "Chat"	2,846 2,752	11 18	36 42
Ritz-Canton ('29)	1-20S-2W	17,000	860,507	59,288,097	426	3	Viola Lans.-K.C. "Chat"	3,153 2,324 2,935	41 31	35
Round Hill ('56)	28-18S-1W	200	6,357	133,139	5	1	Maquoketa	3,412	4	34
Roxbury ('38)	18-17S-1W	800	36,076	3,690,656	19	0	Cherokee Mississippian	2,832 2,853	9 10	38 35
Roxbury South ('42) Spring Valley ('65) Voshehl ('29)	30-17S-1W 21-20S-1W 9-21S-3W	640 Combined into Ritz-Canton 3,000	14,743 112,520 30,794,006	622,114	10	0	Simpson "Chat" Mississippian "Chat"	3,278 2,658 2,947 3,095	7 25 15	35 41
Welch-Bornholdt ('24) Also in Rice County Pools or fields abandoned Total McPherson County	35-20S-6W	2,800	71,821	14,972,594	73	18	Viola "Chat"	3,301 3,370	3 34	
MARION COUNTY										
Covert-Sellers ('20)	28-21S-4E	1,040	29,991		29	1	Kansas City Viola	1,674 2,400	4 8	38 32
Covert-Sellers East ('65) Doyle Creek ('56)	16-21S-4E 6-22S-3E	80	402 no report	402 36,924	2 0	0	Hunton Hunton	2,449 2,891	8 8	

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abst., 1965	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average gravity
MARION COUNTY (concl.)										
Durham ('53) Edmonds ('53) Elbing ('18) Also in Butler County	34-18S- 2E	200	8,174	280,318	4	0	Viola	2,899	2	
	31-22S- 4E	520	21,080	716,355	17	1	Mississippian	2,471	3	
	18-23S- 4E	160	5,158		6	0	Kansas City Mississippian	2,120 2,400		35
Elbing North ('47) Fairplay ('57)	27-22S- 4E	540	10,373	186,715	11	0	"Chat"	2,530		
	25-21S- 4E	200	14,719	532,324	8	0	Hunton	2,458		
							Viola	2,429	2	
Fanska ('43) Fauka South ('60) Also in McPherson County	6-17S- 1E	80	2,644		3	0	"Chat"	2,680		
	18-17S- 1E	80	6,098	54,660	2	0	Mississippian	2,819	80	36
Florence ('20) French Creek ('55) Goessel ('58) Also in McPherson County	18-21S- 5E	70	6,867		2	0	Viola	2,300		32
	22-19S- 2E		no report	10,194			Simpson	3,020		
	12-21S- 1W	40	4,429	4,429	1	0	Hunton	3,407	3	33
Hillsboro ('28)										
	7-19S- 3E	120	7,495		6	0	Mississippian	2,470		33
							Viola	2,820		
Lalouette ('57) Lehigh ('46) Lehigh North ('53) Lost Springs ('26) Also in Dickinson and Morris Counties	10-21S- 5E	40	906	33,065	1	0	Hunton	2,231	6	
	27-19S- 1E	40	143	137,546	1	3	Mississippian	2,800		
	23-19S- 1E	80	4,119	13,787	2	0	Viola	3,225	4	30
Nonken ('59) Peabody ('20) Ratzlaff ('56) Shank South ('59) Unger ('55) Wenger ('47) Youk ('54) Total Marion County	22-17S- 4E	33,000	699,224		537	95	Mississippian	2,365		
							Viola	2,757	20	
	28-22S- 4E	60	1,552	6,573	2	0	Mississippian	2,439	13	31
Adams Ranch ('48)	9-22S- 4E	1,000	68,109		25	5	Viola	2,500		
	7-19S- 2E		no report	52,840			Viola	3,135	5	
	13-22S- 3E	30	2,589	26,990	1	0	Mississippian	2,510	6	39
Angell ('56)	8-21S- 3E	2,900	260,830	6,284,095	97	4	Hunton	2,809		
	11-21S- 3E	120	no runs	996,235	3	1	Hunton	2,770		37
	20-18S- 2E	80	3,391	68,455	2	0	Viola	3,017	3	21
		40,480	1,158,293	57,114,787 recorded	762	110				
MEADE COUNTY										
Adams Ranch ('48)	8-35S-30W	5,000	19,680	355,030	17	1	Marmaton	5,346	40	40
			7,295		8		Morrowan	5,708		
			7,263		1	0	Chesteran	5,930	32	39
Angell ('56)	30-32S-29W	160	553	9,265	4	0	Morrowan	5,608	56	

Bond ('54)	32-33S-30W	no report	12,464	2	Atokan	5,619	12	38
Borchers North ('59)	5-33S-28W	580	23,040	18	Mississippian	5,860	26	
Borchers Northwest ('59)	1-33S-29W	160	38,949	4	Morrowan	5,521	56	
Bruno ('53)	20-33S-30W	40	129,936	1	Morrowan	5,656	8	37
Bruno Northeast ('53)	16-33S-30W	40	89,525	1	Morrowan	5,721	10	39
Cimarron Bend ('59)	12-35S-29W	160	69,648	4	Morrowan	5,810	17	
Crooked Creek ('63)	8-35S-26W	40	305	1	Morrowan	5,938	10	
Fincham ('56)	14-35S-27W	80	1,147	2	Mississippian	6,275		
Hockett ('57)	8-31S-29W	200	949	5	Morrowan	5,390	4	23
Horace ('56)	9-34S-29W		1,163	0	Mississippian	5,815		29
Horace South ('59)	26-34S-29W	40	91	1	Morrowan	3,228		
					Council Grove	4,390		
Kismet ('48)	23-33S-31W	80	515	2	Marmaton	5,095		
Also in Seward County								
McKinney ('50)	2-34S-26W	1,800	17,248	63	Morrowan	5,690	66	65
Also in Clark County					Mississippian	5,762	8	42
Mohler ('57)	35-33S-29W	140	13,602	6	Marmaton	5,259	15	
					Morrowan	5,769		
Mohler Northeast ('58)	36-33S-29W	320	39,637	10	Morrowan	5,690	8	
Novinger ('51)	26-33S-30W	2,200	318,237	34	Marmaton	5,270	20	41
					Morrowan	5,765	21	
Novinger East ('57)	36-33S-30W	120	8,297	3	Mississippian	5,803		
Novinger Northwest ('55)	15-33S-30W	80	5,541	2	Morrowan	5,780	86	
Plains ('56)	17-32S-30W	200	713	5	Lans., -K.C.	4,553	5	37
					Morrowan	5,611	33	
Sanders ('56)	13-32S-29W	40	no runs	2	Mississippian	5,692	15	
Singley ('55)	20-33S-29W	700	54,239	26	Mississippian	5,550		
					Morrowan	5,803	16	40
Stevens ('52)	32-32S-30W	1,400	84,031	33	Mississippian	5,889	5	
					Morrowan	5,560		38
Pools or fields abandoned					Mississippian	5,713		
Total Meade County		13,580	582,960	253				
			3,958					
MIAMI COUNTY								
Beagle	19S-22E	140	1,991	7				
Also in Linn County				0				
Black	19S-24E	120	441	5				16
Block	18S-24E	280	595	10	"Squirrel"	500		
Louisburg ('27)	17S-25E	900	46,917	83	"Knobtown"	270		
				18	"Peru"	430		
					"Squirrel"	600		

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Producing wells	Wells abandoned 1965	Name	Length in feet	Average thickness in feet
			during 1965	to end of 1965					
MIAMI COUNTY (concl.)									
Paola-Rantoul (1860) Also in Franklin County	17S-23E	10,600	135,987		764	49	"Knobtown" Hepler "Peru" "Squirrel" "Bartlesville"	300 400 500 600 700	25 15 35
Miscellaneous Total Miami County		180 12,220	206 186,137	19,901,928 recorded	5 874	0 67			
MONTGOMERY COUNTY									
Brewster	32S-16E	660	8,138		35	1	"Bartlesville" Arbuckle	900	
Caney	35S-14E	1,040	4,657		44	1	"Bartlesville"	1,320	21
Coffeyville-Cherryvale ('02) Also in Labette and Wilson Counties	33S-17E	7,000	79,070		250	14	"Wayside" Fort Scott "Bartlesville"	400 600 1,000	
Coleman ('21) Elk City	28-32S-14E 31S-13E	30	228 no report		1	0 0	Arbuckle Arbuckle Marmaton	1,300 1,300 1,700	
Also in Chautauqua and Elk Counties	18-33S-15E	4,800	100,934		220	45	"Weiser" "Bartlesville"	800 1,200	15
Jefferson-Sycamore ('03)	31S-16E	1,500	30,549		67	4	"Bartlesville"	950	
Neodesha	32S-14E	2,500	36,128		114	0	"Weiser"	800	
Also in Wilson County	13-35S-14E	1,900	17,978		59	0	"Bartlesville"	1,250	
Sorghum Hollow	34S-14E	10,800	130,045		611	24	Marmaton "Bartlesville"		
Tyro ('04) Wayside-Havana ('04) Also in Chautauqua County									
Miscellaneous Total Montgomery County		100 30,330	2,204 409,931	48,897,203 recorded	3 1,404	1 90			

MORRIS COUNTY

Burdick ('49)	15-17S- 5E	100	1,268	44,371	4	0	Mississippi	2,220	45
Comiskey Northeast ('56)	24-16S- 9E	140	12,522	197,208	5	0	Viola	2,929	3
John Creek ('53)	26-15S- 9E	1,940	335,266	3,577,372	51	0	Viola	3,090	6
Lost Springs ('26)	22-17S- 4E	120	6,735		3	0	Mississippi	2,365	
Also in Dickinson and Marion Counties									
Three Mile Creek ('50)	25-16S- 5E	60	197	107,023	2	0	Mississippi	2,757	20
Three Mile Creek South ('50)	35-16S- 5E		no report	174,693			Mississippi	2,208	50
Total Morris County		2,360	355,988	4,111,134	65	1	Mississippi	2,183	35
				recorded					

MORTON COUNTY

Berryman ('59)	21-33S-41W	600	184,246	593,567	14	0	Wabunsee "Purdy"	2,851	
Boehm ('51)	14-33S-42W	240	29,875	233,658	10	0	Morrow	5,001	
Borth ('65)	18-33S-41W	40	793	793	1	0	Morrow	4,870	5
Cimarron Valley ('63)	8-33S-40W	160	69,778	105,571	4	2	Morrow	5,084	4
Cimarron Valley S.W. ('65)	19-33S-40W	80	32,467	32,467	2	0	St. Louis	5,696	3
Elkhart ('55)	11-35S-43W	80	32,324	71,464	2	0	Morrow	4,469	4
Elkhart West ('57)	17-35S-43W	380	43,639	142,055	8	1	Morrow		38
Interstate ('54)	29-34S-43W	3,200	574,074		81	0	"Red Cave"	1,184	
Kinsler ('59)	33-31S-40W	160	28,489	116,548	4	0	Morrow	4,210	
							Desmoinesian	4,336	
							Morrow	5,176	
							St. Louis	5,464	
Richfield ('48)	17-32S-40W	700	40,377	272,771	17	0	Atokan	4,990	
Richfield West ('61)	2-32S-42W	40	527	2,355	1	0	Morrow	4,624	
Rolla ('63)	22-34S-40W	40	2,235	11,436	1	0	Mississippi	6,037	3
Sparks ('54)	34-30S-42W	240	1,478	43,725	6	0	Morrow	5,245	
Also in Stanton County									
Taloga ('55)	34-34S-42W	2,560	332,090	2,464,676	48	0	Morrow	4,428	42
Taloga Northeast ('57)	19-34S-41W	80	1,668	136,534	2	1	Cherokee	4,397	11
Wilburton ('59)	32-34S-41W	1,000	16,108	2,210,001	2	0	Shawnee	4,674	10
			582,991		28		Morrow	4,808	
Total Morton County		9,600	1,973,159	14,164,275	231	4			

NEMAHA COUNTY

Rokev ('64)	4- 2S-14E	120	15,979	18,508	3	0	Viola	3,548	5
Strahm ('48)	27- 2S-14E	60	5,548	249,811	1	0	Hunton	2,879	2
							Viola	3,559	
Total Nemaha County		180	21,527	337,176	4	0			
				recorded					

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abd., 1965	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average Gravity
NEOSHO COUNTY										
Erie ('03)	28S-20E	5,800	182,837		283	10	"Bartlesville"	650	25	
Humboldt-Chanute	27S-18E	17,080	191,264		1,020	79	"Bartlesville"	700	23	
Also in Allen, Wilson, and Woodson Counties	30-30S-18E	900								
Norchead ('38)	29S-21E	2,460	25,304		41	0	"Bartlesville"	850	18	
St. Paul-Walnut			52,998		173	1	"Peru"	200		
Also in Crawford County							"Bartlesville"	550		
Thayer	29S-17E	100	4,958		3	0	"Bartlesville"	530		
Trent	28S-21E	2,000	59,510		115	6	"Bartlesville"	750		
Urbana	28S-18E	600	12,137		30	3	"Bartlesville"			
Miscellaneous		200	2,400		10	0				
Total Neosho County		29,140	531,408	28,875,115 recorded	1,675	99				
NESS COUNTY										
Aldrich ('29)	7-18S-25W	4,400	104,528	5,114,390	44	0	Warsaw	4,428	2	34
Aldrich Northeast ('54)	23-17S-25W	800	132,273	1,594,162	18	0	Marmaton	4,325	4	
							Penn. congl.	4,334	10	
							Mississippian	4,398	7	34
Aldrich Northwest ('63)	36-17S-26W		no report	2,618		1	Mississippian	4,400	10	38
Arnold ('43)	22-16S-25W	200	18,603	635,972	5	2	Fort Scott	4,436	21	36
							Warsaw	4,528		
Arnold North ('61)	10-16S-25W	160	10,066	35,113	4	0	Cherokee	4,498	8	
							Marmaton			
Arnold Southwest ('61)	29-16S-25W	1,300	27,640	982,585	3	1	Mississippian	4,502	6	38
			211,165		27		Marmaton	4,380	4	43
Bazine ('63)	33-18S-21W	80	3,579	5,772	2	2	Mississippian	4,463	8	38
Betz ('64)	9-20S-21W	280	63,826	69,937	7	0	Mississippian	4,203	9	
Bondurant ('64)	24-20S-22W	120	32,279	39,216	3	0	Mississippian	4,400	7	
Buda ('63)	35-20S-26W	40	7,467	33,779	1	0	Osagian	4,381	5	
Cruce ('56)	4-19S-26W		no report	38,769		0	Mississippian	4,400	9	38
Davenport ('55)	36-16S-21W	300	12,583	545,250	7	0	Mississippian	4,556	5	
Delos ('62)	5-18S-26W	40	28,893	87,713	1	1	Cherokee	4,045	2	41
Dewald ('65)	7-19S-21W	40	3,403	3,403	1	0	Marmaton	4,245	3	41
Dickman ('62)	17-17S-24W	240	56,650	217,287	6	0	Mississippian	4,291	8	39
Dubbs ('65)	31-16S-24W	40	2,845	2,845	1	0	Mississippian	4,424	7	37
							Mississippian	4,518	4	34

Dumler ('62)	11-17S-26W	200	18,547	89,654	5	0	Marmaton	4,485	5
Dumler West ('63)	9-17S-26W		no report	1,521		0	Mississippian	4,271	10
Elmore ('58)	12-18S-21W	40	1,399	40,887	1	0	Marmaton	4,116	12
Also in Rush County							Cherokee		42
Franklin ('59)	25-19S-24W	40	884	18,189	1	1	Fort Scott	4,269	12
Fritzler ('65)	27-19S-25W	40	4,375	4,375	1	0	Mississippian	4,504	19
Guzzlers Gulch ('59)	24-20S-25W	160	18,792	187,797	4	0	Mississippian	4,410	30
Guzzlers Gulch North ('63)	12-20S-23W	40	5,194	20,170	1	0	Mississippian	4,424	27
Hair ('60)	4-20S-24W	200	24,523	87,676	5	1	Fort Scott	4,301	5
							Mississippian	4,374	1
Hair Northwest ('63)	32-19S-24W	40	no runs	1,749	1	0	Mississippian	4,390	8
Happy Hollow ('62)	29-17S-22W	40	4,715	20,900	1	0	Cherokee		
							Penn. congl.	4,243	14
Harkness ('64)	4-17S-23W	40	5,231	10,124	1	0	Cherokee		41
Kansada ('44)	14-17S-26W		no report	9,993		1	Osagian	4,422	7
Kleweno ('63)	13-17S-22W	40	no runs	4,918	1	0	Mississippian	4,496	4
Laird ('63)	36-18S-23W	120	23,586	66,043	3	0	Mississippian	4,283	48
							Cherokee	4,272	18
L.T.P. ('62)	21-18S-24W	300	41,841	137,375	5	0	Mississippian	4,376	7
							Cherokee	4,318	6
McDonald ('63)	4-19S-24W	80	13,181	50,484	2	0	Mississippian	4,335	10
McDonald Northeast ('63)	34-18S-24W	40	8,482	21,946	1	0	Mississippian	4,326	
McNair ('63)	32-20S-24W	40	no runs	899	1	0	Fort Scott	4,305	1
Margheim ('58)	17-19S-21W	200	28,132	117,271	5	0	Mississippian	4,339	8
Ness City ('62)	36-18S-24W	160	10,054	45,391	3	0	Mississippian	4,258	9
Ness City North ('63)	24-18S-24W	40	no report	0	0	0	Mississippian	4,266	7
Nirvana ('62)	14-18S-24W	80	736	5,099	1	0	Mississippian	4,338	4
Oppliger ('63)	17-17S-23W	80	no report	10,371	2	0	Mississippian	4,445	
Osgood ('65)	21-16S-23W	40	9,105	9,105	1	0	Mississippian	4,556	2
Pabst ('58)	24-18S-21W	160	4,681	143,631	4	0	Cherokee	4,054	5
Petersilie ('57)	14-20S-24W	400	67,349	388,636	13	0	Mississippian	4,386	38
Prairie Ridge ('65)	7-16S-26W	80	4,317	4,317	2	0	Mississippian	4,512	10
Ransom ('63)	27-16S-24W	160	35,830	72,682	4	0	Fort Scott	4,408	43
Riverside ('65)	13-20S-23W	120	17,489	17,489	3	0	Mississippian	4,336	6
Ryersee ('56)	35-18S-21W	40	no runs	95,743	1	0	Cherokee	4,100	22
							Mississippian	4,209	41
Ryersee Southwest ('57)	10-19S-21W	40	9,911	26,624	1	0	Cherokee	4,180	1
Schaben ('63)	30-19S-21W	2,100	609,966	815,514	53	0	Mississippian	4,401	36
Schaben South ('63)	7-20S-21W	Combined into Schaben					Mississippian	4,360	11
Schoharie ('56)	22-19S-23W	40	522	12,469	1	0	Marmaton	4,272	58
Steffen West ('65)	25-20S-21W	40	646	646	1	0	Mississippian	4,380	39
Stutz ('63)	18-17S-25W	40	4,751	17,359	1	0	Mississippian	4,442	30
Sunshine ('63)	12-19S-25W	280	39,046	111,723	7	0	Cherokee	4,427	7
							Mississippian	4,262	9
Vermillion ('55)	6-17S-24W	40	1,384	32,549	1	0	Mississippian	4,363	6
Wunder ('63)	18-18S-21W	80	3,169	24,907	2	0	Marmaton	4,385	11
							Mississippian	4,228	8

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells absl. 1965	Producing zone		
			during 1965	to end of 1965			Depth ft	Thick- ness, ft	Average gravity
NESS COUNTY (concl.)									
Pools or fields abandoned				58,105					
Total Ness County		13,640	1,733,638	12,190,142	268	12			
NORTON COUNTY									
Densmore ('57)	12- 5S-22W	140	10,157	96,734	4	0	Lansing	3,314	8
Densmore East ('64)	18- 5S-21W		no report			0	Reagan	3,543	5
Hen ('62)	4- 3S-23W	40	6,788	21,967	1	0	Reagan	3,537	2
Norton ('53)	36- 3S-24W	2,140	372,303	7,306,183	116	0	Arbuckle	3,528	6
Ray ('40)	32- 5S-20W	520	79,337	1,219,500	15	0	Lans.-K.C.	3,778	12
Also in Graham and Phillips Counties							Arbuckle	3,297	31
							Arbuckle	3,575	
Ray West ('45)	26- 5S-21W	1,200	126,501	1,633,315	37	4	Reagan	3,540	13
Spieess ('58)	35- 5S-25W	40	1,226	20,362	1	0	Arbuckle	3,650	9
West Union ('62)	21- 5S-21W	Abandoned	during 1965	5,904	0	0	Lansing	3,645	3
Pools or fields abandoned				32,505			Reagan	3,678	3
Total Norton County		4,080	596,312	10,336,470	174	4			17
OSBORNE COUNTY									
Ruggles ('52)	23-10S-15W	640	34,503	923,691	13	0	Shawnee	2,986	30
							Lans.-K.C.	3,024	
Ruggles South ('57)	27-10S-15W	40	1,204	21,561	1	0	Penn. congl.	3,394	16
Pools or fields abandoned				1,643			Lans.-K.C.	3,038	4
Total Osborne County		680	35,707	946,895	14	0			28
PAWNEE COUNTY									
Antone ('64)	10-21S-18W		no report	0		1	Lansing	3,576	8
Ash Creek ('47)	31-20S-15W	500	76,631	634,410	14	1	Arbuckle	3,790	20
Also in Barton County									

Benson ('45)	30-23S-15W	1,600	65,218	1,519,297	23	0	Lans., -K.C. Arbuckle	3,853	64	27
Bow ('58)	31-22S-15W	80	5,556	68,595	2	0	Lansing Arbuckle	3,625 3,966	7	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	1,573	40,141	1	0	Marmaton	4,123		
							Penn., -Miss.	4,158	10	
Dunes ('53)	22-22S-15W	280	19,417	640,131	7	1	Kinderhookian	4,270	6	
Dunes North ('64)	15-22S-15W	200	66,758	78,895	5	0	Arbuckle	3,956	24	36
Eddy ('63)	13-22S-18W	200	30,834	49,920	5	0	Lansing Cherokee	3,500	40	
Evers ('51)	1-22S-16W	320	9,836	426,199	4	0	Penn. congl. Lans., -K.C.	4,110 3,525	39 6	34
							Penn. congl. Simpson	3,814 3,861		4
Garfield ('47)	17-23S-17W	6,500	198,516	8,285,825	172	11	Arbuckle Penn., -Miss.	3,908 4,279	11 5	36
Jay ('54)	3-23S-15W	280	7,157	364,385	7	3	Kinderhookian Lans., -K.C.	3,668 4,025		37
Jay South ('56)	9-23S-15W	40	680	49,070	1	2	Simpson	4,101	6	40
Jessie ('58)	36-21S-15W	40	1,397	23,888	1	0	Lans., -K.C.	3,601	7	31
Larned ('49)	28-21S-16W	1,700	213,576	5,524,410	40	0	Arbuckle	3,877	5	38
Loveitt ('54)	35-22S-15W	80	3,137	72,748	2	0	Lans., -K.C.	3,682	8	37
Oro ('53)	9-20S-19W	500	26,799	1,111,433	11	1	Penn. congl.	4,204	5	39
Oro Northwest ('63)	5-20S-19W	200	48,143	75,305	4	0	Marmaton Cherokee			
							Penn. congl.	4,173	1	
Oro Southeast ('61)	23-20S-19W	320	80,466	351,062	8	0	Cherokee	4,179	5	40
Pawnee Rock ('36)	13-20S-16W	1,700	47,002	4,985,848	27	1	Arbuckle	3,832	16	39
Also in Barton County										
Penicks ('65)	29-20S-17W	Abandoned during 1965		0			Arbuckle	3,987	37	
Rutherford ('46)	8-20S-16W	160	7,518	397,880	4	0	Arbuckle	3,815	9	42
Ryan ('45)	35-19S-16W	120	5,236	605,381	3	0	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	
							Arbuckle	4,094	6	
Shiley ('54)	14-20S-20W	300	76,988	383,555	8	0	Penn. congl.	4,173	7	38
Shiley East ('54)	18-20S-19W	160	16,684	344,758	4	0	Cherokee	4,223	2	37
Steffen ('63)	29-20S-20W	240	52,095	103,939	6	0	Mississippian	4,292	10	
Sweeney ('53)	8-21S-15W		no runs	66,574	1	4	Arbuckle	3,831		
Sweeney Southwest ('55)	36-21S-16W	40	1,441	12,903	1	0	Penn. congl.		4	
Sweeney West ('57)	14-21S-16W	160	5,109	78,109	4	0	Simpson Arbuckle	3,781 3,833	13 3	
Pools or fields abandoned				108,707						
Total Pawnee County		15,800	1,067,767	26,878,635	366	25				

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells ab- and.	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average gravity
PHILLIPS COUNTY										
Beckman ('51)	3- 4S-19W	200	17,117	61,493	5	0	Lans.-K.C.	3,201	4	
Dayton ('41)	36- 2S-19W	1,640	70,279	1,660,320	25	0	Lans.-K.C.	3,430	8	36
Fredericksburg ('52)	4- 1S-18W	600	17,684	167,020	8	1	Lans.-K.C.	3,457	3	
Hansen ('43)	14- 5S-20W	1,300	119,115	4,160,019	38	0	Lans.-K.C.	3,363	40	
Hansen West ('52)	15- 5S-20W	40	1,646	53,204	1	0	Arbuckle	3,530	6	
Hulstutter ('49)	6- 2S-18W	6,480	532,793	7,420,402	174	0	Lans.-K.C.	3,543	11	
Hulstutter Southwest ('51)	23- 2S-19W	200	10,489	270,431	5	0	Lans.-K.C.	3,444	36	
Kinler ('65)	20- 4S-19W		no report	0		0	Lans.-K.C.	3,458	4	36
Logan ('45)	3- 5S-20W	800	76,666	882,649	24	0	Lans.-K.C.	3,211	35	
Mont-Sol ('54)	1- 4S-19W	240	10,632	224,704	6	0	Lans.-K.C.	3,149	20	37
Mont-Sol South ('61)	18- 4S-18W	80	3,407	17,998	2	0	Lansing	3,381	10	37
Ray ('40)	32- 5S-20W	4,440	1,063,698	30,111,715	151	0	Lans.-K.C.	3,255	17	30
Also in Graham and Norton Counties										
Slinker ('51)	25- 4S-20W	600	57,894	665,690	15	0	Arbuckle	3,297	3	
Stoneman ('64)	20- 4S-18W	1,200	84,869	84,869	23	0	Reagan	3,575	13	32
Stoneman South ('65)	29- 4S-18W	40	4,477	4,477	1	0	Lans.-K.C.	3,215	8	36
Stony Point ('59)	18- 5S-20W	40	no runs	5,045	1	0	Lansing	3,200	2	
Stuttgart ('50)	14- 3S-19W	400	10,252	523,612	10	0	Lansing	3,104	16	38
Stuttgart South ('51)	23- 3S-19W	40	2,125	51,780	1	0	Lans.-K.C.	3,265	9	33
Van Dyke ('59)	1- 2S-19W		no report	3,006	1	1	Lans.-K.C.	3,146	3	37
Pools or fields abandoned				126,545		0	Lans.-K.C.	3,291	3	
Total Phillips County		18,300	2,083,143	46,494,979	490	2	Lansing	3,428	3	36
PRATT COUNTY										
Blowout ('52)	8-27S-14W	40	1,128	25,001	1	0	Lans.-K.C.	3,929	7	34
Brachear ('62)	30-28S-13W	40	11,589	41,124	1	0	Simpson	4,451	6	36
Brehm ('61)	23-28S-13W	320		352,096		1	Lans.-K.C.	3,848		
			36,032		3		Simpson	4,390	8	
			50,892		5		Arbuckle	4,422	11	35
Cairo North ('54)	6-28S-11W	40	1,750	75,136	1	0	Viola	4,422	11	35
Carver-Robbins ('55)	21-27S-15W	1,200	12,316	103,268	22	0	Lans.-K.C.	4,314	4	38
							Lans.-K.C.	3,980	4	34
							Cherokee			
							Penn. congl.	4,472		38
							Mississippi	4,393	5	
							Viola	4,534	4	

Chance ('46)	4-27S-13W	1,100	52,181	4,124,722	49	1	Marmaton Mississippian Viola	4,137 4,254 4,250	34 34 10
Chance Northwest ('54) Chitwood ('43)	29-26S-13W 23-28S-12W	120 2,000	14,167 59,304	115,853 11,739,186	3 67	0	Simpson Arbuckle Simpson Lans.-K.C. Viola	4,380 4,432 4,422	25 35 40
Clara ('48) Also in Barber County	36-29S-14W	120	2,131	225,427	3	0	Simpson Arbuckle	4,396	14
Coats ('44)	24-29S-14W	40	1,426	463,619	1	0	Simpson	4,472	4
Coats West ('55)	23-29S-14W	120	13,445	70,499	3	0	Simpson Arbuckle	4,402	12
Cullison ('56)	25-28S-15W	120	4,112	20,371	3	0	Cherokee	4,521	3
Cunningham ('31) Also in Kingman County	7-28S-11W	4,200	102,775	5,686,127	77	0	Mississippian Lans.-K.C. Viola	4,543 3,390 4,330	13 7 41
Eads ('59) Also in Barber County	33-29S-14W	120	5,089	85,080	3	0	Viola	4,501	10
Earl ('54)	36-28S-14W		no report	111,859		0	Lans.-K.C. Simpson	4,223 4,520	14
Earl North ('55)	36-28S-14W	40	9,742	97,422	1	0	Simpson	4,493	17
Fitzsimmons ('53)	30-27S-13W	120	6,944	180,013	3	0	Lans.-K.C.	4,056	3
Fitzsimmons South ('54)	31-27S-13W	40	1,335	275,361	1	8	Lans.-K.C. Simpson	4,124 4,435	18 10
Frisbie ('43)	5-26S-13W	400	15,196	669,150	8	0	Lans.-K.C.	3,917	8
Frisbie Northeast ('48)	4-26S-13W	400	7,682	473,719	10	0	Lans.-K.C. Viola	3,788 4,170	19 17
Gereke North ('61)	1-26S-15W	200	11,407	42,838	5	1	Simpson Lans.-K.C. Mississippian Viola	4,274 3,798 4,251	4
Gereke Northwest ('62)	1-26S-15W	80	10,637	49,508			Simpson	4,390	11
Gereke West ('63)	11-26S-15W	360	100,637	138,103	2	0	Viola	4,350	14
Haskins ('56)	5-27S-14W	40	3,060	52,219	9	0	Lans.-K.C. Lans.-K.C.	4,109 4,118	28 8
Howell ('58)	17-26S-15W	40	1,314	6,318	1	0	Viola	4,418	8
Howell ('63)	31-29S-14W	40	7,044	21,283	1	0	Lans.-K.C. Cherokee	3,887 4,543	25
Iuka-Carmi ('37)	11-27S-13W	7,600	467,096	24,891,587	222	5	Lans.-K.C. Marmaton Mississippian Viola	4,104 4,012 4,112	31 12
Iuka-Carmi Northwest ('53)	26-26S-13W	160	8,127	222,366			Viola Simpson Arbuckle	4,195 4,292 4,354	12
					5	1	Viola Simpson Arbuckle	4,217 4,276 4,358	16 21 18
							Simpson Arbuckle		37 38

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells ab- andoned 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thick- ness, ft	Average gravity
PRATT COUNTY (concl.)										
Jem ('57)	28-29S-13W	160	10,699 1,686	90,961	3	1	Viola	4,466	14	35
Lion Northeast ('54)	21-27S-11W	40	1,664	75,623	1	0	Simpson	3,796	3	38
Ludwick Northeast ('60)	28-28S-13W	40	1,664	15,904	1	0	Lans.-K.C.	4,418	5	36
Lunt ('64)	33-27S-12W	40	no runs	412	1	1	Simpson	4,351	22	
Moore ('49)	1-26S-14W	280	35,670	353,203	7	0	Lans.-K.C.	3,906		37
							Viola	4,234		
							Simpson	4,348		
Moore Southwest ('53)	11-26S-14W	600	42,425	362,100	9	0	Lans.-K.C.	3,846	38	
							Kinderhookian	4,246	6	36
							Simpson	4,364	2	
Moore West ('59)	4-26S-14W	80	11,734	100,445	2	0	Lansing	3,810	2	32
Park ('59)	14-27S-11W	120	7,082	72,891	3	0	Lansing	3,620	4	34
Potrowsky ('64)	10-26S-12W	80	3,619	5,395	2	0	Arbuckle	4,271	9	
Randle ('55)	5-26S-14W	80	4,770	111,271	2	0	Lans.-K.C.	3,946	8	35
Roll ('57)	10-29S-14W	40	721	12,398	1	0	Marmaton	4,439	5	
Rollingson ('58)	30-27S-12W	480	83,295	645,013	15	1	Lans.-K.C.	3,757	8	
							Simpson	4,306	6	38
Sawyer ('57)	26-29S-13W	540	65,559	528,058	13	1	Lans.-K.C.	4,096	4	
							Simpson	4,607	4	
Sawyer North ('60)	24-29S-13W		no report	7,392			Arbuckle	4,678	5	
School Teacher ('57)	27-28S-11W	40	no runs	7,092	1	0	Lans.-K.C.	3,926	13	
Shriver ('44)	33-29S-14W	240	6,403	877,685	6	0	Viola	4,331	16	40
Slade South ('62)	35-25S-12W	40	no runs	1,179	1	0	Simpson	4,557	7	39
							Lans.-K.C.			
							Viola			
Stead ('64)	27-26S-12W		no report	8,856			Simpson	4,308	4	
Tatlock ('54)	28-26S-15W	40	no runs	86,669	2	0	Lans.-K.C.	3,925	4	39
Tatlock East ('64)	27-26S-15W	40	5,715	13,816	1	0	Lansing	3,891		
Tatlock Southwest ('58)	30-26S-15W	40	no runs	1,935	2	0	Penn. congl.	4,376		
Also in Edwards County							Kinderhookian			
Welli ('64)	7-28S-13W	40	15,097	21,290	1	0	Simpson	4,440	4	
Pools or fields abandoned										
Total Pratt County		22,160	1,314,697	55,045,734	586	22				

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RAWLINS COUNTY

Arbor ('59)	17- 4S-33W	40	2,684	28,592	1	0	Lansing	4,023	21	31
Becson ('62)	18- 3S-35W	40	no runs	6,451	1	0	Lans.-K.C.	4,209	6	35
Brumm ('56)	7- 2S-36W		no report	23,143			Topeka	4,168	31	
							Lans.-K.C.	4,312	17	
Cahoj ('59)	17- 1S-34W	1,360	403,425	3,237,353	47	0	Lansing	4,030	9	32
Cahoj West ('62)	14- 1S-35W	200	41,890	160,399	5	0	Lansing	4,071	6	30
Kompus ('59)	33- 1S-32W		no report	493			Lansing	3,890	3	30
Sappa Creek ('58)	24- 4S-34W	40	6,632	88,680	1	1	Lans.-K.C.	4,030	8	33
							Marmaton	4,430	6	
Schmahl ('61)	9- 5S-31W	40	3,132	21,620	1	0	Lans.-K.C.	3,966	6	36
Waterman ('58)	15- 4S-33W	40	2,699	27,022	1	0	Lansing	3,913	14	
							Marmaton	4,280	8	
Wilhelm ('59)	20- 1S-32W	600	83,331	541,825	15	1	Lansing	3,880	9	33
Wilhelm East ('60)	15- 1S-32W	40	3,896	27,859	1	0	Lansing	3,896	3	34
Total Rawlins County		2,400	547,689	4,163,437	73	2				

RENO COUNTY

Abbyville ('27)	24-24S- 8W	40	3,521	1,157,659	1	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	40	no runs	2,316	1	0	Mississippi	3,758	4	36
Albion ('48)	14-26S- 6W	120	1,285	78,047	3	0	Lans.-K.C.	3,342	31	
							"Chat"	3,654	7	39
Albion North ('50)	12-26S- 6W	300	49,740	125,306	8	0	Mississippi	3,598	5	
							Viola	3,997	6	
Arlington ('64)	23-25S- 8W	80	5,391	6,201	2	0	Mississippi	3,750	6	38
Bacon ('53)	36-23S- 5W	80	9,560	109,749	2	0	Mississippi	3,382	28	
Beck ('55)	24-23S- 9W	120	2,075	109,824	3	0	Penn. congl.	3,711	4	34
Beck West ('65)	14-23S- 9W	40	4,019	4,019	1	0	Penn. congl.	3,721	3	36
Buhler ('38)	25-22S- 5W	580	15,400	1,585,845	12	0	Viola	3,890	5	
							Simpson	3,897	42	
Burrton ('31)	1-23S- 4W	12,000	918,818	57,446,911	379	0	Mississippi	3,266	33	
Also in Harvey County							Hunton	3,583	42	
Castleton ('55)	29-25S- 6W	80	124	42,371	2	1	"Misener"	3,992	6	36
Castleton South ('62)	32-25S- 6W	40	612	3,917	1	1	Kansas City	2,970	4	37
Friendship ('41)	19-25S- 4W	140	8,159	55,815	4	0	Lans.-K.C.	3,541	6	
							Mississippi	3,928	5	
							Hunton	3,981	7	
Haven (Abd.) ('51)	9-25S- 4W		no report	28,847	0		Hunton			
							Viola			
							Simpson	3,977	4	30
Hilger ('34)	16-26S- 4W	120	7,738	4,941,293	3	1	Viola	4,062	5	38
Hilger Southeast ('63)	21-26S- 4W	40	no runs	1,348	1	0	Lans.-K.C.	2,841	1	

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of the discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aban- doned	Producing zone		
			during 1965	to end of 1965			Depth ft	Thick- ness, ft	Average gravity
RENO COUNTY (concl.)									
Hilger Southwest ('55)	29-26S- 4W	240	16,929	419,418	8	0	"Wisener"	3,955	
			no report	0			Viola	4,012	4 40
Huntsville Townsite ('62)	8-23S- 9W	900	2,620	206,882	31	0	Mississippian	3,573	18
Lorado ('37)	10-26S- 9W	40	2,192	64,714	1	0	Mississippian	3,857	
Norton ('42)	17-24S- 8W	40	1,181	26,236	1	0	Lans.-K.C.	3,180	12 38
Norton Southeast ('51)	16-24S- 8W	40	9,487	270,554	3	0	Lans.-K.C.	3,423	12 38
Nicklaus ('52)	3-26S- 4W	120	no runs	7,987	1	0	Lans.-K.C.	3,249	3 38
Prettyman ('57)	11-23S- 9W	40	28,199	128,217	2	0	Simpson	3,244	6
Rino ('60)	33-21S- 9W	80	20,607	320,143	7	0	Arbuckle	3,517	12 41
Also in Rice County	4-22S- 8W	280	69,542	483,802	15	1	Mississippian	3,524	7
Sterling ('51)	17-22S- 8W	600	1,395	26,432	1	0	Penn. congl.	3,535	10 37
Also in Rice County	34-23S- 5W	40	no report	6,583			Mississippian	3,545	
Sterling Southwest ('61)	33-23S- 5W		25,266	409,644	20	0	Simpson	3,850	3 38
Stroud ('58)	18-22S- 9W	620	7,379	73,424	4	0	Hunton	3,724	4 20
Stroud South ('59)	6-22S- 9W	160	no runs	1,492	1	0	Simpson	3,614	4 32
Wisby ('57)	12-22S-10W	40	26,790	249,239	4	0	Simpson	3,610	10 40
Wisby North ('57)	19-22S- 9W	160	Included with Stafford County				Lans.-K.C.	3,088	8
Wisby Northwest ('63)							Simpson	3,630	13 43
Wisby South ('59)							Viola	3,773	39
Zenith-Peace Creek ('41)	21-23S-10W								
Also in Stafford County									
Pools or fields abandoned									
Total Reno County		17,220	1,238,029	2,729,280 69,919,493	523	4			
RICE COUNTY									
Alden Northwest ('62)	5-21S- 9W	40	1,677	6,468	1	0	Kansas City	2,955	3 38
Babcock ('64)	13-20S- 9W		Combined into Lyons West				Kinderhookian	3,250	11
Babcock South ('64)	24-30S- 9W		Combined into Lyons West				Kinderhookian	3,391	6
Bell ('53)	9-21S-10W	120	5,962	225,286	3	0	Arbuckle	3,391	4 39
Bloomer ('36)	36-17S-11W	1,300	214,311	17,950,851	67	1	Lans.-K.C.	3,044	8 43
Also in Barton and Ellsworth Counties							Arbuckle	3,257	8 43
Bredfeldt ('37)	7-18S- 9W	340	33,979	221,840	10	0	Arbuckle	3,226	8 31
Bredfeldt West ('39)	13-18S-10W	160	10,695	104,014	3	2	Arbuckle		10
Buffalo Bill ('63)	1-20S- 9W	40	2,400	10,139	1	0	Lans.-K.C.	2,883	4
Bull Creek ('60)	26-21S- 8W	1,020	59,005	573,830	28	0	Mississippian	3,354	5 34

Calif Creek ('50)	28-18S-10W	380	22,413	443,394	13	0	Lans.-K.C. Penn. congl.	3,006 3,270	12 10
Calif Creek North ('52)	28-18S-10W	40	1,859	29,212	1	0	Precambrian	3,143	10
CAR ('63)	28-20S-9W		no report	1,523			Arbuckle	3,254	13
Chase-Silica ('30)	32-19S-9W	31,000	1,384,917	130,645,725	684	29	Arbuckle Wabunsee Lans.-K.C. "Penn. sand" Simpson	2,285 2,942 3,355 3,242	10 40 8
Also in Barton and Stafford Counties							Arbuckle Lans.-K.C. Penn. congl.	3,065 3,154	10 4
Click Southeast ('47)	11-18S-7W	120	6,493	126,029	3	0	Lans.-K.C.	3,252	10
Cow Creek ('46)	28-18S-9W	40	no runs	33,518	1	0	Penn. congl.	3,154	4
Crawford ('53)	12-18S-7W	240	6,580	336,421	6	0	Lans.-K.C.	2,950	5
Crawford Southeast ('54)	20-18S-6W	120	370	31,791	3	0	Penn. congl.	3,194	7
Dymond ('55)	18-21S-7W	160	17,890	94,329	4	0	Penn. congl.	3,276	6
Farmer ('52)	24-18S-10W	240	7,430	540,890	6	5	Mississippian	3,392	10
Farmer North ('57)	18-18S-9W	80	1,313	33,412	2	0	Arbuckle	3,222	6
Frederick ('51)	10-18S-9W	700	108,749	1,496,396	22	0	Arbuckle Penn. congl. Simpson	3,326 3,213 3,280	6 32 10
Frederick East ('61)	12-18S-9W		no report	6,668		0	Simpson	3,286	7
Galt ('22)	8-18S-7W	40	3,640	98,196	1	0	Arbuckle	3,193	4
Geneseo-Edwards ('34)	25-18S-8W	5,300	749,670	49,626,680	217	11	Lans.-K.C. Penn. congl.	2,787 3,222	39
Also in Ellsworth County							Simpson	3,180	12
Glen Sharraid ('50)	20-18S-10W	40	no runs	39,158	1	1	Arbuckle	3,132	41
Heinz ('38)	8-18S-10W	200	2,494	382,186	5	0	Lans.-K.C.	3,118	25
Hohl ('65)	12-18S-10W	80	2,718	2,718	2	0	Arbuckle	3,000	41
Ix1 ('50)	4-19S-10W	900	79,946	889,959	22	4	Arbuckle	3,254	14
Kopley ('63)	5-19S-7W	280	42,136	55,574	7	0	Lans.-K.C.	3,270	15
Lyons Southwest ('55)	22-20S-8W	40	4,250	10,274	1	1	Arbuckle	3,068	44
Lyons Townsite ('64)	34-19S-8W	40	8,521	9,458	1	0	Arbuckle	3,308	22
Lyons West ('63)	32-19S-8W	4,600	959,689	1,939,023	101	0	Kansas City Kinderhookian	3,154	6
McClintock ('62)	18-21S-8W	40	no runs	184	1	0	Penn. congl.	3,344	4
Mary Ida ('50)	31-18S-10W	1,200	55,419	1,064,873	25	0	Kinderhookian	3,281	22
Mary Ida South ('57)	6-19S-10W	420	56,151	767,044	20	0	"Misenner"	3,033	20
Munyon ('50)	34-18S-10W	80	2,160	143,511	2	0	Lans.-K.C.	3,272	36
Munyon South ('51)	3-19S-10W	80	no runs	154,247			Arbuckle	3,038	4
Odessa ('49)	32-18S-6W	600	69,308	1,150,410	17	0	Lansing	3,342	5
Odessa South ('49)	9-19S-6W		Included with Odessa				Arbuckle "Sooy"	3,270 3,275	43 43
							Arbuckle Lans.-K.C. Lans.-K.C.	3,300 3,092 3,069	13 6 6

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells ab- and.	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average gravity
RICE COUNTY (concl.)										
Orth ('32)	27-18S-10W	1,160	47,235	3,769,219	25	0	Shawnee Lans.-K.C. "Sooy"	2,684 2,915 3,187	15 10 21	40
Orth West ('44)	21-18S-10W	540	23,426	902,767	16	0	Precambrian Shawnee Arbuckle	3,240 2,688 3,235	27 37 41	40
Ponce ('36)	28-21S-7W	160	5,028	171,217	4	0	"Sooy"	3,388	40	34
Prosper East ('50)	5-18S-9W	160	3,370	243,250	4	0	Arbuckle	3,222	16	46
Reilim ('57)	3-19S-6W	560	13,118	431,027	11	6	Penn.-Miss.	3,295	18	35
Rick ('36)	1-19S-11W	80	2,384	82,397	2	0	Lans.-K.C. Arbuckle	3,106 3,355	41 37	41
Also in Barton County										
Rickard ('35)	22-18S-9W	40	1,589	220,488	1	0	Arbuckle	3,324	7	
Ringwald ('49)	32-18S-10W	560	59,136	1,228,580	12	0	Lans.-K.C. Precambrian	2,947 3,072	5 7	37
Rino ('60)	33-21S-9W	200	46,236	240,647	5	0	Simpson	3,517	12	41
Also in Reno County										
Roesler ('43)	14-18S-11W	160	12,227	377,886	4	0	Arbuckle	3,524 3,291	7 7	
Also in Barton County										
Schoepflin ('62)	17-21S-9W		no report	6,278	0	0	Simpson	3,383	10	44
Shuler ('64)	11-20S-9W	40	460	2,433	1	1	Simpson	3,317	12	
Shumway ('64)	9-20S-8W	240	41,076	41,076	6	0	Kinderhookian	3,404	44	
Shumway West ('65)	8-20S-8W	40	861	861	1	0	Simpson	3,517	5	48
Smyres North ('57)	23-19S-6W	40	no runs	1,219	1	2	Mississippian	3,360	8	38
Sterling ('51)	4-22S-8W	120	772	60,882	3	0	Mississippian	3,385	12	
Also in Reno County										
Tobias ('61)	25-20S-9W	3,100	979,325	2,674,458	113	1	Lans.-K.C. Penn. congl. Simpson	3,284		
Tobias Northwest ('62)	23-20S-9W	1,400	242,180	1,007,622	34	0	Arbuckle Simpson	3,218 3,310	10 36	43 44
Union East ('50)	27-20S-8W	80	925	84,987	2	0	Arbuckle "Sooy"	3,305	9	36
Volkland ('43)	27-18S-9W	240	13,346	848,686	6	0	Arbuckle	3,221	30	38
Welch-Bornholdt ('24)	35-20S-6W	9,000	475,608	20,656,341	295	14	"Chat"	3,370	34	
Also in McPherson County										
Wellman ('64)	28-21S-9W	Abandoned during 1965			0	0	Kansas City	3,011	3	
Wherry ('33)	11-21S-7W	7,000	96,684	14,302,465	79	9	"Sooy"	3,358	22	31
Wisby Northeast ('58)	32-21S-9W	160	4,731	93,203	4	1	Simpson	3,553	6	

Pools or fields abandoned
Total Rice County

	75,120	5,991,862	408,903	257,102,123	1,911	87
RILEY COUNTY						
Ge-See ('59)	27-11S- 8E	no report	4,601		0	Cherokee
Also in Geary County						
Yaeger ('59)	25-11S- 8E	600	19,379	1,306,066	4	0
			149,471		28	Hunton
Yaeger Northwest ('65)	22-11S- 8E	40	611		1	0
Total Riley County		640	169,461	1,311,278	33	0

ROOKS COUNTY

Andreson ('62)	31-10S-18W	160	19,044	62,875	4	0	Lans.-K.C.
Arpin ('57)	5- 9S-20W	40	581	17,928	1	1	Arbuckle
Arpin East ('58)	4- 9S-20W	80	2,367	23,285	2	0	Arbuckle
Arpin South ('57)	8- 9S-20W	80	3,729	56,136	2	0	Arbuckle
Barry ('42)	11- 9S-19W	2,500	426,185	12,657,082	69	0	Shawnee
							Lans.-K.C.
Barry East ('47)	6- 9S-18W	240	12,702	942,894	6	1	Arbuckle
							Lans.-K.C.
Barry Southeast ('46)	13- 9S-19W	680	64,035	2,585,551	24	0	Arbuckle
							Lans.-K.C.
Baum ('42)	10-10S-16W	40	1,515	39,024	1	0	Arbuckle
Baumgarten ('50)	25- 9S-19W	1,080	82,124	1,573,230	27	1	Lans.-K.C.
							Toronto
Bemis-Shutts ('28)	16-11S-17W	620	48,467	2,866,476	25	0	Lans.-K.C.
Also in Ellis County							Arbuckle
Bray ('60)	20- 8S-19W	40	3,784	17,568	1	0	Arbuckle
							Lans.-K.C.
Brungardt ('52)	35-10S-17W	600	12,139	577,458	20	0	Arbuckle
Also in Ellis County							Lans.-K.C.
							Penn. congl.
Carmichael ('55)	33- 8S-18W	120	6,978	144,229	3	0	Arbuckle
Chesney ('59)	12- 8S-17W	240	16,943	151,449	6	0	Lans.-K.C.
Collins ('60)	34- 9S-18W	40	3,934	15,189	1	0	Lansing
Cooper ('43)	5-10S-20W	1,400	91,874	2,800,634	36	0	Simpson
Also in Graham County							Lans.-K.C.
Cresson ('56)	11- 9S-20W	80	2,287	50,257	2	0	Arbuckle
Dancer ('52)	4- 8S-17W		no report	10,890		1	Arbuckle
Dopita ('34)	31- 8S-17W	4,200	331,707	5,084,547	92	0	Lans.-K.C.
							Arbuckle

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells, 1965	Producing zone				
			during 1965	to end of 1965		Name	Depth in feet	Average thickness, feet		
ROOKS COUNTY (cont.)										
Dopita East ('52)	29- 8S-17W	240	26,112	529,398	6	2	Lans.-K.C. Arbuckle	3,304 3,421	6 25	
Dorr ('42)	20- 9S-16W	1,080	152,785	2,416,234	53	0	Toronto	3,178	10	
Eilers ('59)	22-10S-18W	320	47,917	342,190	12	0	Lans.-K.C. Lansing Simpson Arbuckle	3,230 3,322 3,647 3,667	21 36 56 30	
Faubion ('36)	12- 6S-18W	40	1,887	79,113	1	0	Lans.-K.C.	3,162	3	
Fehnel ('52)	16-10S-19W	80	4,139	101,117	2	0	Lans.-K.C.	3,480	14	
Finnessy ('47)	14-10S-18W	120	4,876	86,015	3	0	Lans.-K.C.	3,419	35	
Finnessy South ('58)	24-10S-18W	440	39,789	291,128	12	0	Lansing	3,447	48	
Flagler ('55)	15-10S-18W	40	3,095	54,081	1	0	Lans.-K.C.	3,445	6	
Ganoung ('53)	31- 9S-17W	40	980	47,963	1	0	Lans.-K.C. Penn. congl.	3,281 3,524	7	
Gick ('47)	30- 9S-19W	280	14,348	465,398	7	0	Arbuckle	3,578	12	
Gra-Rook ('48)	30- 9S-20W	800	132,473	2,660,926	19	0	Lans.-K.C. Penn. congl.	3,542 3,810	31	
Gra-Rook North ('56)	18- 9S-20W	160	6,829	105,357	4	0	Arbuckle	3,869	4	
Gra-Rook Northeast ('59)	17- 9S-20W	40	2,102	24,060	1	0	Arbuckle	3,746	14	
Grover ('50)	22- 7S-19W	500	29,208	337,067	13	0	Lans.-K.C.	3,767 3,272	5 40	
Hance ('62)	14- 8S-19W	40	no runs	4,495	1	0	Arbuckle	3,272 3,408	32 13	
Hayden ('49)	31- 8S-19W	360	13,658	859,323	9	2	Lans.-K.C.	3,441 3,289	4 28	
Hrabe ('61)	36- 8S-17W	360	12,568	73,707	9	0	Arbuckle	3,513	4	
Jelinek ('47)	23- 9S-19W	2,000	255,475	7,807,324	70	0	Lans.-K.C.	3,089 3,220	239 9	
Kern ('50)	28- 9S-20W	240	9,421	553,608	6	0	Arbuckle	3,220 3,537	23 15	
Kern West ('58)	29- 9S-20W	120	7,370	28,608	3	0	Arbuckle	3,855 3,859	5 7	
Krueger ('48)	35-10S-16W	Included with Ellis County				0	0	Lans.-K.C. Arbuckle	3,552 3,130	59 4
Also in Ellis County										
Kruse ('28)	3-10S-16W	320	19,502	460,184	8	1	Lans.-K.C.	3,094	26	
Kruse Northwest ('53)	34- 9S-16W	120	3,910	75,752	3	0	Lans.-K.C.	3,200	6	
Laton ('27)	11- 9S-16W	5,300	554,969	7,793,896	135	0	Lans.-K.C.	3,228	33	
LeSage ('60)	18- 7S-20W	160	8,990	97,808	4	0	Lans.-K.C.	3,308	44	
Locust Grove ('49)	8- 7S-19W	400	33,017	565,524	12	0	Shawnee Lans.-K.C. Arbuckle	3,308 3,130 3,188 3,450	37 4 25 14	

Lone Star ('48)	4- 8S-17W	720	29,901	850,168	15	0	Lans.-K.C.	3,259	17	25
Lone Star West ('63)	7- 8S-17W	40	1,139	5,102	1	0	Arbuckle	3,382	7	27
Lynd ('51)	32- 9S-19W	760	14,312	667,170	14	0	Lans.-K.C.	3,138	7	27
Lynd Southwest ('52)	5-10S-19W	40	958	32,497	1	0	Arbuckle	3,750	4	29
Lynd West ('60)	32- 9S-19W	400	46,643	277,116	8	0	Lans.-K.C.	3,759	59	37
McHale ('48)	8- 9S-18W	380	18,424	592,254	5	0	Arbuckle	3,754	6	27
McMullen ('52)	33- 8S-17W	40	2,023	16,647	1	0	Lans.-K.C.	3,436	2	26
Marcotte ('43)	15-10S-20W	12,000	935,211	27,539,813	340	2	Arbuckle	3,494	2	
Mayhew ('51)	24- 9S-19W	360	27,653	332,314	8	0	Lans.-K.C.	3,166	6	
Medicine Creek ('52)	18- 8S-16W	320	12,047	113,792	8	0	Arbuckle	3,454		
Minnie "O" ('62)	10- 9S-17W	80	7,747	23,985	2	0	Arbuckle	3,596	27	
Mt. Ayr ('52)	13-10S-18W	Combined into Plainville					Shawnee	3,752	25	
Mt. Pleasant ('63)	26- 8S-19W	40	2,148	8,942	1	0	Lans.-K.C.	3,613	17	36
Natoma ('61)	14-10S-16W	500	50,924	249,350	8	0	Arbuckle	3,445	10	22
Natoma Northwest ('65)	16-10S-16W	120	11,599	11,599	3	0	Lans.-K.C.	3,554	12	
Nettie ('48)	34- 9S-17W	740	59,252	2,464,676	35	0	Penn. congl.	3,648	4	36
Nettie Northwest ('62)	28- 9S-17W	40	7,116	32,968	1	0	Lans.-K.C.	3,189	4	36
Nettie Southeast ('55)	2-10S-17W	80	7,513	46,158	2	0	Lans.-K.C.	3,216	92	40
Newlin ('58)	29- 9S-16W	40	2,129	33,661	1	0	Lans.-K.C.	3,239	6	30
Northampton ('48)	26- 9S-20W	1,200	225,872	6,545,343	52	0	Penn. congl.	3,024	8	36
Nyra ('37)	9- 9S-17W	520	30,040	512,429	16	0	Lans.-K.C.	3,243	36	
O'Brien ('60)	14- 9S-18W	no report					Simpson	3,499	32	
Ordway ('58)	20-10S-18W	40	no runs				Arbuckle	3,513	21	32
Ordway East ('59)	21-10S-18W	80	7,070	11,672	1	0	Lans.-K.C.	3,279	38	
Palmerberg ('65)	33-10S-19W	40	6,138	46,223	2	0	Lans.-K.C.	3,268	3	38
Paradise Creek ('47)	21- 9S-18W	1,100	53,558	3,119,508	32	1	Lans.-K.C.	3,305	4	41
Paradise Creek West ('53)	20- 9S-18W	200	13,111	359,551	5	1	Arbuckle	3,596	4	27
Plainville ('48)	31- 9S-17W	700	58,122	210,098	17	0	Lans.-K.C.	3,803	11	34
Powell ('58)	31- 9S-18W	40	2,293	23,052	1	0	Arbuckle	3,429	34	
Schindler ('59)	17- 8S-17W	60	no report				Lans.-K.C.	3,501	2	24
Simons ('60)	11- 7S-17W	60	4,583	8,847	2	0	Arbuckle	3,499	5	
Slate ('51)	31- 6S-19W	200	11,091	105,618	5	0	Lans.-K.C.	3,604	2	31
							Toronto	3,328	5	32
							Lansing	3,354	27	
							Lans.-K.C.	3,418	4	32
							Lans.-K.C.	3,400	26	
							Arbuckle	3,576	13	
							Arbuckle	3,594	13	23
							Lans.-K.C.	3,477	38	38
							Arbuckle	3,613	2	
							Penn. congl.	3,708	3	
							Arbuckle	3,325	11	26
							Lans.-K.C.	2,922	29	41
							Lans.-K.C.	3,291	26	
							Arbuckle	3,545	15	

TABLE 27.—Oil production in Kansas during 1965 (continued)

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abel- 1965	Name	Depth ft	Thick- ness, ft	Average Gravity
			to end of 1965							
			during 1965							
ROOKS COUNTY (concl.)										
Stockton ('37)	35- 7S-17W	360	13,585	340,973	9	0	Shawnee	2,692		
Trico ('51)	30-10S-20W	3,800	649,702	4,047,378	58	0	Lans.-K.C.	3,180	62	39
Also in Ellis, Graham, and Trego Counties							Lans.-K.C.	3,543		
Twin Mound ('65)	4- 9S-17W	40	2,388	2,388	1	0	Arbuckle	3,749	18	30
U.S. 24 ('64)	20- 7S-19W		no report	0				3,482	4	
Vohs ('45)	14-10S-19W	1,000	94,656	3,384,874	29	0	Lans.-K.C.	3,365	7	29
Vohs Northeast ('62)	12-10S-19W	40	4,480	30,598	1	0	Lans.-K.C.	3,408	111	
Vohs Northwest ('47)	9-10S-19W		no report	145,332	0	0	Lans.-K.C.	3,446	8	34
Weoster ('30)	21- 8S-19W	1,820	61,750	3,548,374	37	0	Arbuckle	3,738		
Westhusin ('36)	11- 9S-17W	2,500	227,614	3,668,525	65	0	Arbuckle	3,180	12	
							Shawnee	3,403	5	23
Westhusin East ('63)	6- 9S-16W	120	8,352	21,139	3	0	Arbuckle	3,231	11	37
Whisman ('50)	9- 9S-20W	40	1,453	30,274	1	0	Lans.-K.C.	3,408		
Williams ('53)	9-10S-18W	320	25,782	600,780	8	0	Arbuckle	3,111	8	
							Toronto	3,427	29	
							Lans.-K.C.	3,650	21	19
							Simpson	3,386		
Williams North ('56)	32- 9S-18W	160	7,599	182,383	4	0	Arbuckle	3,459		
							Penn. congl.	3,717	6	19
Williams Northwest ('53)	6-10S-18W	40	3,671	89,676	1	0	Arbuckle	3,733	3	
Williams Southeast ('53)	16-10S-18W	560	51,674	611,654	13	0	Simpson	3,714	3	29
							Lans.-K.C.	3,725	3	
							Simpson	3,409	46	26
							Lans.-K.C.	3,725	5	
							Simpson	3,444	3	36
							Arbuckle	3,660		
Windy Ridge ('58)	25-10S-18W	40	2,136	19,200	1	0	Lans.-K.C.	3,426	19	
Yohe ('49)	4- 9S-18W	40	1,749	71,113	1	0	Lans.-K.C.	3,266	24	37
Zurich ('35)	26-10S-19W	360	11,443	584,712	9	0	Shawnee	3,087	37	
							Lans.-K.C.	3,340	9	33
Zurich Southwest ('52)	34-10S-19W		no report	35,711	1	1	Lans.-K.C.	3,385	9	28
Zurich Townsite ('44)	27- 9S-19W	400	24,371	831,814	10	0	Lans.-K.C.	3,462	6	
							Arbuckle	3,647		
Pools or fields abandoned				435,064						
Total Rooks County		58,360	5,356,837	118,540,222	1,556	14				

RUSH COUNTY										
		5-16S-17W 5-16S-18W	Combined into Reichel Field 80	4,764	29,327	0	Arbuckle Lans.-K.C. Marmaton Cherokee	3,520 3,326 3,606 4,116	10 6 12	29
		12-18S-21W	80	7,700	62,031	2	0	3,586	2	
	Also in Ness County	35-15S-19W		no report	0	0	Reagan			
	Also in Ellis County	16-19S-16W	40	440	440	1	0	3,753	2	36
	Greenwalt East ('65)	12-16S-18W	80	196	30,201	2	0	3,527	2	
	Herr North ('58)							4,323	14	37
		18-19S-20W	80	5,825	90,672	2	0	3,446	3	
	Kober ('59)	20-16S-19W	40	no runs	710	1	0	3,452	7	
	Litt ('64)	14-16S-17W	80	no runs	27,435	2	0	4,090	3	
	Loretto Northeast ('57)	19-17S-20W	40	6,667	51,289	1	0	4,056	8	41
	McCracken ('57)	18-17S-20W	40	4,241	22,260	1	0	3,978	5	
	McCracken North ('62)							4,300	4	41
	Nekoma ('64)	30-18S-19W	200	15,717	18,575	5	0	1,961	4	34
	Old Maids Fork ('60)	20-19S-20W	80	5,412	72,118	2	0	3,527	9	34
	Otis-Albert ('34)	10-18S-16W	200	76,490	6,794,353	37	14	3,842	11	44
	Also in Barton County							3,330		
	Pechanee ('56)	2-19S-17W		no report	6,495	2	0	3,563		
	Reichel Field ('53)	23-17S-17W	80	124	14,072			Granite Wash		
								Penn. congl.		
								Arbuckle		
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TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abst., 1965	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	
										Average
RUSSELL COUNTY										
Aley ('64)	29-14S-15W	40	2,905	2,905	1	0	Lansing	3,115	25	
Amerest ('63)	33-11S-13W	40	1,376	6,606	1	0	Lans.-K.C.	3,044	2	
Baxter ('64)	33-14S-15W	240	3,751	26,789	1	0	Toronto	3,080	4	
			9,407		4		Lansing	3,124	10	
Beaver North ('37)	4-16S-12W	40	1,517	95,558	1	0	Arbuckle	3,316	10	
Also in Barton County									39	
Beisel ('44)	15-14S-12W	160	17,727	103,458	4	0	Penn. congl.	3,249	4	
							Arbuckle	3,272	7	
Boxberger ('35)	36-15S-15W	40	no runs	254,373	1	0	Lans.-K.C.	3,147	4	
Boxberger West ('57)	34-15S-15W	240	27,613	234,629	6	0	Lans.-K.C.	3,195	5	
Claussen ('44)	27-12S-14W	240	3,990	147,732	6	0	Lans.-K.C.	2,855	31	
Claussen West ('49)	29-12S-14W	80	488	3,712	2	0	Lans.-K.C.		39	
Cliff ('64)	12-15S-11W		no report	0	0	0	Simpson	3,280	9	
Coal Creek ('51)	22-15S-11W	80	1,622	31,743	2	0	Penn. congl.	3,178	38	
Coal Creek Northeast ('64)	15-15S-11W	120	12,913	19,550	3	0	Penn. congl.	3,199	3	
Davidson ('30)	4-16S-11W	800	162,609	711,411	23	1	Lans.-K.C.	3,016		
Also in Barton County							"Sooy"	3,317	9	
Donovan ('35)	10-15S-15W	740	58,712	438,888	12	0	Arbuckle	3,314		
			1,582		2		Lans.-K.C.	3,193	7	
			1,042		1		Marmaton		39	
Donovan Southeast ('64)	14-15S-15W	80	11,138	29,049	2	0	Arbuckle	3,120	5	
Dreher ('59)	23-11S-15W	40	3,246	29,624	1	0	Lansing	3,313	10	
Driscoll ('56)	30-15S-11W	600	29,316	630,800	17	2	Arbuckle	2,969	25	
							Lans.-K.C.	3,303	2	
							Penn. congl.	3,306	10	
Driscoll West ('60)	25-15S-12W		no report	7,176	0	0	Arbuckle	3,306	36	
Dubuque ('35)	34-15S-12W	720	73,525	1,673,952	16	0	Lans.-K.C.	3,275	37	
							Lans.-K.C.	3,275	3	
							Arbuckle	3,330	41	
Elsasser ('61)	23-12S-15W	200	13,853	41,534	5	0	Lans.-K.C.	2,853	39	
							Arbuckle	3,126	39	
Elsasser Southwest ('61)	22-12S-15W	40	2,130	25,645	1	0	Arbuckle	3,250	6	
Eulert ('49)	35-11S-15W	540	58,137	1,650,075	18	0	Topeka	1,961	4	
							Lans.-K.C.	3,009	81	
							Arbuckle	3,316	13	
Eulert West ('54)	34-11S-15W	40	6,436	63,467	1	0	Lans.-K.C.	2,984	22	
Fairport ('23)	8-12S-15W	7,800	953,473	33,302,685	292	1	Lans.-K.C.	2,984	6	
Also in Ellis County							Lans.-K.C.	2,950	42	
							"Sooy"	2,950	12	
							"Sooy"	3,137	32	
							"Gorham"	3,137	5	
							"Gorham"	3,211		
							Simpson	3,316		
							Arbuckle	3,312		
							Reagan	3,350		

Fay ('52)	2-12S-15W	40	2,179	32,580	1	0	Lans.-K.C.	2,953	180	40
Gorham ('26)	32-13S-15W	17,000	1,446,078	76,113,253	533	22	Shawnee	2,765	48	37
							Lans.-K.C.	2,908	5	32
							"Gorham"	3,152		
							Arbuckle	3,289	5	
Hagerman ('59)	28-11S-15W	40	3,248	51,688	1	0	Reagan	3,299	6	28
Hagerman North ('65)	28-11S-15W	40	4,100	4,100	1	0	Arbuckle	3,273	7	35
Haise ('63)	29-12S-14W	40	no runs	1,896	1	0	Arbuckle	3,332	6	
Hall-Gurney ('31)	30-14S-13W	30,000	3,302,351	99,589,836	1,244	32	Lans.-K.C.	2,781	8	39
Also in Barton County							Tarkio	1,985		
							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	31,878	485,113	8	0	Lans.-K.C.	2,897	37	
							Penn. congl.	3,189	11	37
							Arbuckle	3,238		
Jerry ('42)	4-15S-14W	Combined into Hall-Gurney				0	Wabaunsee	2,985		38
							Lans.-K.C.			
							Arbuckle			
Kingsley ('64)	31-12S-14W	40	4,915	7,424	1	0	Lansing	2,980	4	
Kune ('56)	17-13S-15W	240	9,278	143,099	6	1	Lans.-K.C.	3,004	15	28
Lang ('57)	30-15S-12W	160	38,092	338,133	4	0	Arbuckle	3,334	16	
Machin ('58)	4-13S-14W	40	1,990	22,715	1	0	Lansing	2,994	5	37
Meckel ('62)	27-12S-15W		no report	0		0	Arbuckle	3,240	4	26
Meier ('48)	30-15S-12W	80	4,552	267,441	2	0	Arbuckle	3,325	6	37
Mellard ('63)	18-12S-14W	80	9,657	26,273	2	0	Lans.-K.C.	2,788		
Ney ('48)	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	280	35,037	313,054	7	2	Lans.-K.C.	3,183		34
Also in Barton County										
Parker ('48)	18-15S-12W	320	17,046	559,305	8	0	Shawnee	2,957	7	
							Lans.-K.C.	3,086	16	36
							Arbuckle	3,259		
Rogg ('65)	7-13S-14W	40	4,687	4,687	1	0	Lans.-K.C.	2,864	6	41
Roosevelt ('65)	26-15S-15W	40	2,158	2,158	1	0	Lans.-K.C.	3,314	3	42
Russell ('34)	22-13S-14W	4,200	200,116	15,724,187	107	9	Lans.-K.C.	3,195	9	33
							Arbuckle	3,280	6	
Russell East ('49)	25-13S-14W	80	2,754	86,980	2	0	Arbuckle	3,273	11	33
Russell North ('42)	15-13S-14W		no report	25,960		0	Lans.-K.C.		6	
S & S ('57)	36-12S-15W	320	30,721	538,788	15	0	Lans.-K.C.			
							Arbuckle			
Salt Creek ('61)	6-13S-14W	80	4,875	36,685	2	0	Lans.-K.C.	3,139	9	32
Strecker ('43)	21-15S-14W	400	45,939	176,436	8	0	Lans.-K.C.	2,954	185	38
							Arbuckle	3,031	14	
							Lans.-K.C.	3,342	3	48
Strick ('63)	16-15S-14W	160	23,890	49,109	4	0	Lans.-K.C.	3,035	4	

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abdl. 1965	Producing zone			
			during 1965	to end of 1965			Depth ft	Thick- ness, ft	Average Gravity	
RUSSELL COUNTY (concl.)										
Trapp ('29) Also in Barton County	23-15S-14W	20,000	2,046,350	122,266,764	701	12	Tarkio Shawnee "Dodge" Lans.-K.C. Arbuckle Lans.-K.C.	2,359 2,889 2,966 3,062 3,252 2,888	8 32 32 12 3 18	39 39 40 39 40
Weilert ('63) Pools or fields abandoned Total Russell County	6-12S-14W	80	1,548	2,782 277,464 357,236,105	2	0				
		87,060	8,731,949		3,084	82				
SALINE COUNTY										
Bachofer ('51)	15-15S-2W	200	11,280	164,372	5	0	Mississippian	2,799	6	
Bachofer Southeast ('62)	14-15S-2W	40	1,621	3,797	1	0	Mississippian	2,760	5	33
Gillberg ('59)	28-14S-2W	280	15,413	104,565	7	0	Maquoketa	3,223	8	33
Gypsum ('63)	27-15S-1W	40	858	3,813	1	1	Mississippian	2,566	5	36
Gypsum Creek ('44)	4-17S-1W	1,000	62,076	1,138,852	25	0	Lans.-K.C.	2,072	8	
Also in McPherson County							Mississippian	2,619	14	36
Hunter ('43)	20-16S-1W	1,000	27,467	1,585,696	26	0	Douglas "Chat"	1,841 2,681	2	
Hunter North ('48)	8-16S-1W	320	14,780	432,157	8	0	Mississippian	2,674	21	36
Jackman ('60)	10-15S-1W		no report	2,370	0	0	Mississippian	2,547	4	
Lindsborg ('38)	8-17S-3W	2,400	82,980	2,129,833	78	6	Viola	3,381	54	35
Also in McPherson County										
Mortimer ('58)	5-16S-1W	320	14,707	44,458	8	0	Mississippian	2,639	14	
Olsson ('29)	10-16S-3W	940	36,157	1,184,834	41	1	Viola	3,303	12	35
Pihl ('63)	26-15S-2W	440	84,965	162,328	13	0	Mississippian	2,740	4	
Pliny ('43)	9-16S-1W	120	1,932	21,803	3	0	Lans.-K.C.	1,990	8	
Salina ('43)	30-14S-2W	4,000	210,566	2,858,021	100	4	Viola	3,223	8	34
Shultz ('62)	20-15S-3W	40	8,667	14,389	1	0	Maquoketa	3,264 3,383	3	15
Smolan ('50)	19-15S-3W	2,900	88,416	4,940,461	83	9	Maquoketa Viola	3,420 3,386	6 6	36 27
Swenson ('50)	34-15S-3W	300	2,031	80,104	7	1	Viola	3,353	35	
Total Saline County		14,340	663,916	14,871,853	407	22				

SCOTT COUNTY

Brookover ('63)	18-17S-31W	80	20,700	44,027	2	1	Lans.-K.C.	3,929	20
Keystone ('50)	25-18S-32W	120	7,064	334,758	3	0	Lans.-K.C.	4,001	6
Newby ('60)	23-18S-32W	80	3,870	64,330	2	0	Lans.-K.C.	3,923	2
							Marmaton	4,335	2
							Mississippi	4,576	6
Rodenberg ('64)	16-17S-31W		no report	0	0		Penn. congl.	4,556	8
Rothfelder ('57)	7-20S-33W	200	32,275	122,611	5	0	Morrowan	4,672	23
Shallow Water ('35)	15-20S-33W	240	16,006	2,034,615	6	0	Marmaton	4,286	25
							Mississippi	4,660	
							Stc. Genevieve	4,670	16
Shallow Water Northeast ('59)	12-20S-33W	40	no runs	14,345	1	0	Cherokee	4,432	5
Pools or fields abandoned				33,234					
Total Scott County		760	79,915	2,617,920	19	1			

SEDCWICK COUNTY

Bartholomew ('48)	30-27S-4W	1,600	47,520	3,362,187	24	2	Kansas City	3,270	10
Also in Kingman County							Mississippi	3,732	25
Brumley ('55)	19-29S-1E	120	8,958	135,778	3	0	Lans.-K.C.	2,863	2
							Mississippi	3,352	8
							Simpson	3,754	1
Buzzi ('58)	32-25S-1E	280	41,810	326,652	7	2	Hunton	3,436	5
Cannonball ('63)	24-27S-2W	80	3,938	17,512	2	0	Mississippi	3,418	12
Chambers ('48)	10-29S-2W	80	5,152	143,452	2	0	Kansas City	2,916	5
							Mississippi	3,540	4
Chambers Northeast ('56)	2-29S-2W	200	8,582	179,457	5	0	Mississippi	3,570	5
Clearwater ('44)	22-29S-2W	200	8,710	247,717	5	0	Lans.-K.C.	2,913	11
Cross ('29)	27-25S-1W	40	3,554	142,565	1	0	Lans.-K.C.	2,690	40
							Hunton	3,574	5
Curry ('47)	11-27S-1W	460	30,417	921,593	17	1	Lans.-K.C.	2,715	
							Viola	3,400	
DuBois ('57)	3-25S-2E	1,200	140,620	1,800,578	46	6	"Burgess"	3,830	8
Also in Harvey County									
Eastborough ('29)	19-27S-2E	900	29,608	9,362,245	13	0	"Chat"	2,956	
							Viola	3,238	
Eastborough North ('52)	8-27S-2E	40	1,219	47,237	1	0	Arbuckle	3,376	25
Erdwien ('62)	26-25S-2E	300	18,460	67,549	6	0	"Burgess"	2,820	9
Fairview ('48)	8-26S-2E	240	7,400	500,366	6	2	Lans.-K.C.	2,500	44
							"Burgess"	2,960	2
							Mississippi	2,991	4
Fairview Northeast ('59)	4-26S-2E	660	31,451	273,427	17	1	"Burgess"	2,904	7
							Mississippi	2,860	3
Furley ('58)	10-25S-2E	300	3,031	174,708	14	0	"Burgess"	2,857	13
Gehring-Rick ('52)	16-28S-2E	80	1,469	33,577	2	0	Mississippi	2,950	40
Gillian ('61)	33-29S-1W	480	177,657	435,430	16	0	Simpson	3,724	7

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells ab- 1965	Producing zone		
			during 1965	to end of 1965			Depth ft	Thick- ness, ft	Average gravity
SEDGWICK COUNTY (concl.)									
Gillian North ('63)	28-29S- 1W	37,200	Combined into Gillian and O.S.A.		230	0	3,744	16	45
Gladys ('54)	30-28S- 1E		1,122,707	13,240,342						2	Lans.-K.C.
Gladys Southeast ('55)	4-29S- 1E	40	no runs	20,507	1	0	3,176	9	40
Golden ('63)	34-25S- 2E	200	11,727	21,985	5	1	3,150	15	44
Goodrich ('28)	16-25S- 1E	900	48,914	5,630,732	29	1	2,834	15	44
							2,881	5	44
Greenwich ('29)	14-26S- 2E	1,500	64,981	13,420,002	36	3	2,614	2	16
							3,010	3		3,321	5
Hohn ('45)	22-27S- 1W	400	no report	158,590	10	4	3,334	3	3
Kuske ('29)	24-25S- 1E		11,009	1,092,433			3,339	3	
Latta North ('56)	33-29S- 2W	40	2,532	33,398	1	0	2,779	5	41
Luening ('51)	33-26S- 2E	40	1,769	35,540	1	0	3,016	1		4
Minnaha ('51)	11-27S- 2E	120	no report	80,866	2	0	3,117	5	37
Minnaha North ('60)	2-27S- 2E		4,361	43,664			3,247	4		34
Minneha West ('65)	15-27S- 2E	40	427	427	1	0	3,258	25	40
Neuman ('57)	11-25S- 2E	200	7,167	113,881	6	1	3,285	7		40
O.S.A. ('62)	10-29S- 1W	1,400	304,446	496,510	35	0	3,219	4	37
	Petrie ('45)	40	9,029	212,448	1	0	2,785	5		5
Robbins ('29)	20-28S- 1E	700	92,452	5,715,207	39	2	2,784	2	39
Schulte South ('55)	18-28S- 1W	40	2,036	36,540	1	0	3,734	17		17
Ulmer South ('59)	33-25S- 2E	240	12,669	189,808	6	2	3,387	1	38
Valley Center ('28)	1-26S- 1W	800	45,415	22,628,119	22	0	3,090	12		39
White Cotton ('48)	30-26S- 2E	360	9,353	694,197	8	0	3,390	11	4
	4-27S- 1E	1,000	169,465	2,182,906	38	3	2,917	4		38
Wichita ('57)							2,860		
							3,280	2	
							3,366	2	
							2,957	2	
							3,325	4	
Pools or fields abandoned									
Total Sedgwick County		52,520	2,490,015	84,653,612	659	33			

SEWARD COUNTY

Adamson ('58)	11-34S-34W	120	1,959	9,867	3	Chesteran	6,064	2	35
Ang ('61)	3-32S-33W	80	10,905	48,485	2	Mississippi	5,650	2	38
Ang North ('62)	34-31S-33W	80	11,348	68,934	2	Desmoinesian	4,924	2	
Arkalon ('60)	36-33S-32W	440	3,408	11,388	11	Chesteran	5,710	1	
Arkalon West ('63)	29-33S-32W	80	2,530	5,517	2	Morrowan	5,546		
Blue Bell Northwest ('54)	20-34S-31W	40	no runs	124	1	Mississippi	5,947	27	37
Cutter ('61)	1-31S-35W	Included with Stevens County			0	Marmaton	4,778	2	41
Also in Haskell and Stevens Counties						Morrowan	5,200	2	41
Condit ('62)	12-34S-33W	Combined into Evalyn-Condit			0	Mississippi	5,454	16	
Evalyn ('60)	15-33S-33W	Combined into Evalyn-Condit			1	Morrowan	5,685	4	
Evalyn-Condit ('60)	15-33S-33W	1,200 243,019 592,558			28	Mississippi	5,822	10	37
Hawks ('52)	18-35S-31W	no report		2,467		Morrowan	5,685	4	
Holt ('54)	28-32S-34W	40 no runs		1,332	1	Mississippi	5,927	10	37
Hopkins ('60)	34-30S-33W	Combined into Victory			0	Morrowan	5,822	10	37
Also in Haskell County						Shawnee	4,180		
Kismet ('48)	23-33S-31W	1,440 753,505 4,250,521			46	Mississippi	5,378	7	30
Also in Meade County						Toronto			
Kneeland ('51)	23-34S-31W	40 no runs		12,726	1	Lans.-K.C.	4,864	34	
Liberal-Light ('51)	11-35S-32W	280	120	246,109	7	Marmaton	5,095	38	
Liberal Southeast ('47)	15-35S-33W	320 3,391 119,922			8	Morrowan	5,576	5	
March ('63)	7-33S-33W	Combined into Evalyn-Condit			0	Mississippi	5,771		
Massoni ('55)	5-33S-31W	280 25,491		37,811	7	Marmaton	5,332	14	41
Plains West ('56)	16-32S-31W	no report		2,139	0	Mississippi	5,691	6	40
Shuck ('55)	20-33S-34W	160 3,598		10,839	4	Lans.-K.C.	5,103		
Thirty-One ('53)	18-31S-31W	no report		3,895	0	Morrowan	6,005		
Thirty-Three ('60)	33-33S-33W	Combined into Evalyn-Condit			0	Chesteran	6,054	17	
Thirty-Two ('60)	1-32S-32W	40 305		3,270	1	St. Louis	6,228	12	36
Three Star ('58)	17-35S-32W	200 1,143		9,008	5	Marmaton	5,031	10	38
Wide Awake ('54)	4-35S-34W	320 138,624 151,537			8	Morrowan	5,600	14	
Total Seward County		5,160 1,199,346 5,588,449			137	Morrowan	5,987		
					3	Mississippi	6,038	13	
						Morrowan	5,448		
					0	Chesteran	5,898	13	40
					1	Morrowan	5,499		
					5	Lans.-K.C.	4,546		
						Morrowan	5,866		
					0	Chesteran	6,089		
					8	Toronto	4,356		
					137	Mississippi	6,168		

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abdl. 1965	Name	Depth ft	Thick- ness, ft	Average gravity
			during 1965	to end of 1965						
SHERIDAN COUNTY										
Adell ('44)	11- 6S-27W	1,900	249,265	6,163,939	49	0	Lans.-K.C.	3,755	4	42
Advance ('56)	26- 8S-27W	40	3,916	82,173	1	0	Lans.-K.C.	3,883	9	41
Custer ('55)	12-10S-26W	120	12,311	115,392	3	0	Lans.-K.C.	4,024	5	39
Custer Northwest ('59)	2-10S-26W		no report	22,775	3	0	Lansing	3,849	3	42
George ('52)	17- 9S-26W	120	4,442	125,471	3	0	Lans.-K.C.	4,023	11	31
George Southwest ('58)	18- 9S-26W	80	7,163	51,651	2	0	Lansing	3,860	10	
Hortonville ('53)	20- 6S-26W	80	6,778	107,633	2	0	Lans.-K.C.	3,789	23	29
Hoxie ('56)	6- 9S-28W	200	24,460	193,043	5	0	Toronto	3,810	6	
Hoxie East ('65)	6- 9S-28W		no report	0	0	0	Lans.-K.C.	3,901	3	
Lindenman West ('65)	31- 6S-25W		no report	0	0	0	Lans.-K.C.	3,824	47	
Also in Graham County							Lans.-K.C.	3,677	170	
Minium ('64)	4- 9S-26W		no report	575	0	0	Lansing	3,718	12	
Parnell ('59)	30- 7S-29W		no report	1,060	6	28	Lansing	3,972	6	
Studley ('43)	23- 8S-26W	300	18,334	680,513	6	0	Lans.-K.C.	3,810	9	47
Studley Southeast ('55)	26- 8S-26W	40	3,257	40,643	1	0	Lans.-K.C.	3,872	8	37
wessel North ('53)	16- 6S-29W	80	3,533	75,178	2	0	Lans.-K.C.	4,081	4	
Pools or fields abandoned				239,490						
Total Sheridan County		2,960	333,459	8,009,023	74	0				
SHERMAN COUNTY										
Llanos ('58)	10- 6S-37W	300	27,343	522,624	7	1	Kansas City	4,439	12	36
							Marmaton	4,504	5	37
							Cherokee	4,804	8	22
Total Sherman County		300	27,343	522,624	7	1				
STAFFORD COUNTY										
Ahnert ('41)	26-22S-13W	80	1,942	49,415	2	0	Simpson	3,758	4	38
(revived)							Arbuckle	3,754	6	
Albano ('57)	12-25S-14W	40	3,366	104,418	1	0	Lans.-K.C.	3,812	6	
							Mississippian			
							Viola	4,099	16	
							Arbuckle	4,270	10	

Albano South ('65)	13-25S-14W	40	2,312	2,312	1	0	Arbuckle	4,261	5	34
Bart-Staff ('51)	4-21S-14W	200	38,011	403,394	6	0	Lans.-K.C.			
Also in Barton County							Arbuckle	3,572	4	40
Bayer ('51)	16-21S-14W	500	44,747	761,075	11	0	Lans.-K.C.	3,543	4	31
							Viola	3,702	10	
							Simpson	3,736	13	
Bayer West ('65)	30-21S-14W	80	8,703	8,703	2	0	Arbuckle	3,778		
Bedford ('40)	21-23S-12W	360	34,509	1,933,229	9	0	Lansing	3,471	4	30
							Simpson	3,832	16	
Besthorn ('56)	9-22S-13W		no report	0		0	Arbuckle	3,859	9	36
(reinstated)							Lans.-K.C.	3,574	8	
Brenn ('54)	19-23S-13W	500	18,930	428,735	8	2	Lans.-K.C.	3,651	6	33
Brock ('44)	12-23S-12W	80	453	439,466	1	0	Lans.-K.C.	3,366	14	
(revived)			1,867		1	0	Arbuckle			
Bunyan ('65)	18-25S-12W	40	487	487	1	0	Lans.-K.C.	3,616		
Centerview ('54)	28-24S-13W	360	13,761	408,648	11	0	Lans.-K.C.	3,834	6	
							Arbuckle	4,188	5	
Cephas ('53)	10-25S-14W	360	24,871	515,837	9	0	Lans.-K.C.	3,701	5	
							Mississippi	4,088	20	40
							Viola	4,114	8	38
Cephas North ('54)	35-24S-14W	80	962	41,759	2	0	Lans.-K.C.	3,794	9	35
Chase-Silica ('30)	32-19S-9W	500	14,743	645,315	13	0	Arbuckle	3,383	10	40
Also in Rice County										
Cleveland ('53)	21-23S-14W		no report	41,013		0	Lans.-K.C.	3,690	7	
Cline ('58)	25-24S-13W	40	1,985	48,990	1	0	Lans.-K.C.	3,594	3	
Crissman ('52)	16-23S-14W	400	12,313	384,239	10	0	Lans.-K.C.	3,664	8	34
							Simpson	3,984	16	
Curtis ('42)	6-22S-13W	700	38,889	1,730,249	21	0	Arbuckle	4,006	6	
							Lans.-K.C.	3,514	7	30
							Arbuckle	3,693		
Dell ('50)	7-21S-13W	80	3,566	136,006	2	0	Lans.-K.C.	3,446	13	30
Dell East ('51)	5-21S-13W	400	39,392	817,121	16	0	Lans.-K.C.	3,471	8	36
							Penn. congl.	3,545	8	
							Arbuckle			
Dell Northeast ('51)	5-21S-13W	80	1,826	46,937	2	0	Lans.-K.C.	3,438		36
							Arbuckle	3,612	3	
Dillwin ('56)	16-24S-14W	600	46,871	1,183,787	16	0	Lans.-K.C.	3,668	18	
							Mississippi	4,054	20	35
							Arbuckle	4,295	6	31
Drach ('37)	12-22S-13W	1,300	128,835	7,874,744	37	0	Simpson	3,642	5	
							Arbuckle	3,690	12	35
Emerson ('57)	29-25S-14W	80	2,245	36,552	2	0	Lans.-K.C.	3,905	10	32
Emerson South ('62)	32-25S-14W	80	2,137	6,790	2	0	Lans.-K.C.	3,791	4	36
Farmington ('43)	34-24S-15W	280	8,119	1,287,973	7	1	Lans.-K.C.	3,769		39
							Kinderhookian			
							Simpson	4,378	6	
							Arbuckle	4,417	16	
Farmington North ('56)	23-24S-15W		no report	0		0	Viola	4,227	12	21

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Producing wells	Wells abandoned, 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth, ft	Thickness, ft	Average gravity
STAFFORD COUNTY (cont.)										
Farmington Northeast ('55)	26-24S-15W	200	11,340	189,383	5	0	Arbuckle	4,416	12	34
Farmington Northwest ('56)	29-24S-15W	40	2,118	48,020	1	0	Lans.-K.C.	3,904	8	25
Flora ('62)	36-21S-11W	120	14,140	53,769	3	0	Kinderhookian	4,272	10	
							Lans.-K.C.	3,309		
							Penn. congl.	3,393	2	49
Frey ('50)	7-21S-14W	280	19,938	1,066,432	7	1	Arbuckle	3,499	7	27
							Lans.-K.C.	3,717	7	40
							Penn. congl.	3,530		38
Gates ('33)	27-21S-13W	6,500	470,505	16,011,407	168	6		3,643		
German Valley ('51)	4-22S-12W	120	9,915	108,023	3	0	Viola	3,635		
							Arbuckle	3,679	37	39
							Lans.-K.C.	3,294	41	
Glasscock ('58)	32-24S-13W	320	45,541	343,616	6	0	Viola	3,541	2	38
							Arbuckle	3,635	2	40
							Lans.-K.C.	3,642	10	
Glen ('54)	14-23S-14W	80	7,091	119,262	2	0	Arbuckle	4,233	3	
							Lans.-K.C.	3,651	6	
							Lans.-K.C.	3,672	30	
Gray ('46)	11-24S-13W	80	1,818	72,235	2	0	Lans.-K.C.	3,672	30	30
Green Ridge ('53)	30-23S-14W	400	68,485	229,084	9	1	Lans.-K.C.	3,788	22	31
							Viola			
Grunder ('58)	11-25S-15W	440	21,213	313,001	13	0	Lans.-K.C.	3,945	15	
							Mississippian	4,173		
H A H ('58)	17-24S-13W	40	no runs	23,995	1	0	Arbuckle	4,424	4	32
							Lans.-K.C.	3,658	8	
							Lans.-K.C.		4	
Hahn ('53)	21-22S-13W	120	6,486	33,605	3	1	Lans.-K.C.	3,828	5	25
Hahn East ('57)	22-22S-13W	80	4,679	17,471	2	0	Arbuckle	3,609	65	
							Lans.-K.C.	12,791	1	
Halley ('64)	33-24S-13W	40	4,527	12,791	1	0	Lans.-K.C.	3,609	65	
Hammond ('57)	9-25S-14W	120	3,954	119,011	3	1	Lans.-K.C.	3,924	15	36
							Lans.-K.C.	3,430	60	35
Happy Valley ('52)	15-23S-13W	80	3,021	73,883	2	0	Lans.-K.C.	3,810	9	35
							Arbuckle			
Hart ('49)	36-22S-14W	120	26,699	45,423	4	0	Lans.-K.C.	3,453	4	
							Arbuckle	3,830		
Harter ('50)	30-24S-13W	160	5,405	167,966	4	0	Lans.-K.C.	3,767	39	
							Simpson	4,167		
Harter North ('56)	19-24S-13W	80	5,010	76,553	2	0	Arbuckle	4,181		34
							Lans.-K.C.	3,785	5	32
							Lans.-K.C.			
Haynes ('59)	22-25S-15W	600	36,420	290,920	15	0	Lans.-K.C.	3,784	3	
							Lansing	4,232	9	35
Haynes East ('60)	23-25S-15W	80	5,576	26,258	1	0	Mississippian	4,232	5	35
							Kansas City	3,942	9	35
			4,665		1		Mississippian	4,254	16	38

Haynes Southwest ('59) Hazel ('42)	27-25S-15W 21-21S-13W	20 400	no runs 12,914	186 1,115,387	1 9	0 0	Cherokee Lans.-K.C. Arbuckle	4,254 3,380 3,692	30 37
Hazel West ('50)	20-21S-13W	780	100,915	1,810,392	28	0	Lans.-K.C. Arbuckle	3,488 3,673	6 5
Heyen ('43)	24-22S-12W	440	33,439	1,100,590	15	2	Lans.-K.C. Viola Arbuckle	3,321 3,532 3,652	12 6 2
Hickman ('51)	27-21S-14W	680	30,457	1,213,337	25	0	Lans.-K.C. Simpson	3,522 3,567	10 6
Hickman South ('52) Hickman West ('59) Hiss South ('50) Also in Barton County	34-21S-14W 33-21S-14W 31-20S-13W	40 200 200	2,855 18,366 no report	66,834 216,107 0	1 5	1 0	Lans.-K.C. Lansing Lans.-K.C.	3,419 3,476 3,476	37 5 24
Hudson South ('61) Hufford ('48)	4-23S-12W 33-21S-13W	40 Combined into Gates	no runs	4,248	1	0	Arbuckle Viola Lans.-K.C.	3,542 3,602 3,499	1 23 30
Jordan ('36) Kachelman ('50)	15-25S-14W 7-25S-13W	420 200	33,003 5,811	1,302,323 141,522	12 4	0 0	Arbuckle Lans.-K.C. Lans.-K.C.	3,755 3,722 3,946	7 5 33
Keeley ('59) Keenan ('57) Kelly West ('59) Kenilworth ('47)	5-21S-14W 20-22S-13W 34-23S-12W 15-22S-13W	40 120 40 1,000	1,857 4,157 1,571 93,713	27,347 50,779 21,272 862,783	1 3 1 26	0 0 0 0	Arbuckle Lansing Lans.-K.C. Lans.-K.C.	4,294 3,322 3,396 3,505	26 5 6 34
Kennil ('54) Kipp ('37)	4-23S-13W 27-25S-14W	160	no report 8,738	1,012 760,897	1 4	0 0	Arbuckle Lans.-K.C. Simpson	3,860 3,827 4,243	32 79 6
Kipp North ('54) Kipp Northeast ('46) Kipp Southwest ('57) Knoche South ('56) Koelsch ('52) Koelsch Southeast ('52)	23-25S-14W 25-25S-14W 28-25S-14W 17-24S-12W 24-24S-14W 25-24S-14W	80 120 200 320 400 120	2,278 5,289 4,047 16,891 17,189 2,837	95,752 320,853 101,529 235,612 428,517 534,625	2 3 5 8 10 3	0 0 0 1 0 0	Lans.-K.C. Lans.-K.C. Lans.-K.C. Viola Lans.-K.C. Simpson	3,748 3,844 3,850 3,872 3,750 4,181	10 32 32 8 5 35
Koelsch West ('59) K-W ('62) Kowalsky ('41) Also in Barton County	23-24S-14W 7-23S-13W 32-20S-11W	120 40 200	25,133 no runs 58,001	85,118 1,455 644,455	3 1 5	0 0 0	Arbuckle Lansing Kansas City Lans.-K.C.	4,187 3,612 3,491 3,279	4 34 6 50
Kowalsky Southwest ('50)	6-21S-11W	500	23,244	457,675	13	0	Penn. congl. Simpson	3,404 3,398	6 23
Leesburgh ('38)	12-25S-13W	640	152,810	3,498,655	16	0	Arbuckle Lans.-K.C. Simpson	3,424 3,837 4,060	46 30 24
Leesburgh West ('64) Leiss ('56) Leiss Southeast ('61)	11-25S-13W 23-25S-13W 25-25S-13W	40 40 80	10,206 no runs 18,986	10,206 62,010 74,652	1 1 2	0 0 0	Arbuckle Simpson Lans.-K.C.	4,153 4,176 4,215 3,646	10 2 7 6

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aban- doned, 1965	Producing zone		
			during 1965	to end of 1965			Name	Depth in feet	Thickness in feet	Average porosity, %
STAFFORD COUNTY (cont.)									
Leass Southwest ('63) Leo ('50)	26-25S-13W	120	17,088	49,025	3	0	Simpson	4,200	12
	7-21S-13W	160	14,422	161,263	4	0	Lans.-K.C. Arbuckle	3,475 3,636	26 4
Lincoln ('51)	29-21S-14W	200	13,241	341,545	5	0	Lans.-K.C. Simpson	3,543 3,739	8 4
								3,739	31
Long Valley ('64) Lutz ('63)	2-23S-13W	80	4,031	4,031	2	0	Arbuckle	3,830	3
	27-23S-13W	40	2,484	11,543	1	0	Simpson	3,872	3
McCandless ('44)	30-25S-13W	880	91,041	2,183,723	23	0	Lans.-K.C. Simpson	3,863 4,251	37
								4,251	35
McCandless Northeast ('60) McGinty ('51)	20-25S-13W	200	10,529	112,701	3	0	Simpson	4,250	10
	13-21S-14W	40	no runs	16,973	1	0	Lans.-K.C. Arbuckle	3,354 3,735	3 6
Macksville ('41)	3-24S-15W	440	13,759	238,516	11	1	Lans.-K.C. Arbuckle	4,110 4,126	37
	14-24S-15W	240	8,548 1,498	131,634	4 2	0	Viola Simpson	4,058	7
Macksville Townsite ('61) Max ('38)	15-24S-15W		no report	0	0		Arbuckle	4,091	4
	35-21S-12W	4,200	220,494	9,664,390	91	7	Simpson Lans.-K.C. Simpson	4,153 3,356 3,515	35 16 2
Max East ('61) Max North ('55)	6-22S-11W		no report	944	1	0	Arbuckle	3,570	7
	26-21S-12W	240	27,027	112,110	6	0	Lans.-K.C. Penn. congl. Arbuckle	3,551 3,507 3,590	17 3 47
Merle ('49) Mershon ('63)	32-23S-13W	480	20,602	378,540	12	1	Lans.-K.C.	3,669	10
	16-24S-12W	40	320	2,916	1	0	Viola	3,895	29
Moody ('56)	7-25S-14W	940	27,298 80,758	1,141,105	4 19	0	Lans.-K.C. Mississippian	3,727 4,168	59 14
								4,214	21
Mopac ('54) Mt. View ('52)	30-24S-11W	200	21,065	279,345	5	0	Viola	3,908	5
	29-22S-13W	120	18,562	244,381	3	0	Lans.-K.C. Arbuckle	3,641 3,858	8 3
Mueller ('38)	29-21S-12W	5,000	375,160	9,605,330	109	1	Lans.-K.C. Arbuckle	3,356 3,594	8 36
								3,594	30
Nellie East ('60) Neola ('48)	27-22S-14W	80	11,753	66,482	2	0	Arbuckle	3,503	7
	15-25S-11W	80	1,980	54,224	2	0	Lans.-K.C. Viola	3,921 3,921	40 4
Newell ('53)	7-25S-11W	120	8,639	131,363	3	0	Lans.-K.C. Viola	3,537 3,913	36 3

North Star ('52)	27-24S-12W	80	12,331	382,704	2	0	Viola	3,915	16	40
North Star North ('53)	21-24S-12W	80	16,942	37,298	2	0	Simpson	4,063	9	
O'Connor ('48)	8-24S-15W		no report				Lans.-K.C.		83	
Omlor ('57)	10-22S-14W	120	8,047	126,365	3	0	Viola	4,101	2	40
Oscar ('49)	24-22S-14W	120	7,761	234,751	3	0	Arbuckle	3,768	11	29
							Lans.-K.C.	4,022	23	31
Oscar North ('51)	14-22S-14W	480	62,428	1,116,498	12	0	Lans.-K.C.	3,550	9	35
Oscar South ('53)	26-22S-14W	400	8,029	238,528	6	1	Lans.-K.C.	3,503	35	
Oscar West ('52)	22-22S-14W	940	187,708	1,649,534	23	0	Viola	3,777	7	
Pleasant Grove ('52)	26-22S-12W	280	4,287	223,707	7	0	Arbuckle	3,798	9	
Pleasant Grove South ('53)	35-22S-12W	40	93	207,469	1	1	Lans.-K.C.	3,780	3	35
Praeger ('59)	1-25S-15W	400	8,523	207,469	10	1	Arbuckle	3,580	32	
Prairie Home ('49)	2-21S-13W	80	9,164	24,104	2	0	Arbuckle	3,817	2	
(revived)							Lans.-K.C.	3,593	8	35
Pritchard ('44)	34-20S-14W	240	16,546	454,365	6	0	Mississippi	3,462	8	37
Also in Barton County							Arbuckle	4,209	5	
Pundsack ('47)	19-21S-13W	1,400	75,820	2,359,178	30	1	Arbuckle	4,392	6	35
Pundsack North ('50)	18-21S-13W	80	6,087	184,901	2	0	Arbuckle	3,372	86	37
Radium Townsite ('53)	5-22S-14W	640	80,177	1,135,300	16	0	Lans.-K.C.	3,483		
							Viola	3,579	4	
Radium Townsite West ('63)	6-22S-14W	40	no runs	1,794	1	0	Arbuckle	3,575	8	27
Radke East ('54)	24-23S-14W	40	1,064	23,323	1	0	Lans.-K.C.	3,735	8	
Rattlesnake ('38)	13-24S-14W	120	1,443	239,020	3	2	Arbuckle	3,494	8	
Rattlesnake East ('56)	7-24S-13W	120	19,889	200,894	3	0	Lans.-K.C.	3,674	7	26
							Mississippi	3,584	6	28
Rattlesnake North ('59)	2-24S-14W	40	no runs	8,563	1		Lans.-K.C.	3,754	12	
Rattlesnake Southeast ('54)	13-24S-14W	500	22,249	391,545	12	0	Simpson	3,820	6	
							Arbuckle	3,852	20	28
Rattlesnake Southwest ('50)	14-24S-14W	40	3,175	151,038	1	0	Lans.-K.C.	3,476	6	
Rattlesnake West ('44)	11-24S-14W	120	5,922	228,809	3	0	Lans.-K.C.	3,676	4	28
Richardson ('30)	36-22S-12W	1,900	231,962	16,112,711	60	0	Lans.-K.C.	3,608	48	32
							Mississippi	3,694	6	35
Rolling Green East ('49)	30-20S-12W	40	1,081	14,114	1	0	Arbuckle	3,880	4	
Also in Barton County							Penn. cong.	3,964	18	35
Rose Valley ('52)	36-25S-13W	40	1,179	55,278	1	0	Lans.-K.C.	3,758	6	35
							Mississippi	3,936	6	
							Lans.-K.C.	3,760	35	
							Lans.-K.C.	3,759	7	37
							Mississippi	4,025		
							Lans.-K.C.	3,264	42	
							Arbuckle	3,537	62	
							Arbuckle	3,491	6	35
							Lans.-K.C.	3,824	6	
							Viola	4,137	13	

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells ab- and- ed, 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thick- ness, ft	Average Gravity
STAFFORD COUNTY (cont.)										
Rothgarn Southeast ('50)	14-21S-13W	160	7,630	315,709	4	0	Lans.-K.C.	3,378	37	
Rugan ('61)	2-21S-11W	80	3,858	33,700	1	1	Arbuckle	3,544	7	
Rychlec ('63)	14-21S-14W	80	4,761	30,792	2	0	Penn. congl.	3,374	4	
St. John ('35)	23-24S-13W	700	30,652	3,168,701	13	0	Arbuckle	3,734	3	
							Lans.-K.C.	3,588	32	
							Arbuckle	4,075	12	
St. John Northwest ('52)	20-23S-13W	400	12,667	240,211	14	0	Lans.-K.C.	3,644	6	
							Arbuckle	3,956	33	
St. John Townsite ('44)	33-23S-13W	120	4,754	506,918	3	0	Lans.-K.C.	3,919	5	
							Arbuckle	3,132	220	
Salt Marsh ('48)	32-21S-11W	80	4,118	20,690	2	0	Lans.-K.C.	3,189	6	
Sand Hills ('44)	19-21S-11W	700	45,139	659,617	13	0	Lans.-K.C.	3,434	8	
							Viola	3,481	5	
Sandago ('47)	12-21S-12W	40	6,443	247,757	1	0	Simpson	3,548	10	
Saterlee ('54)	31-24S-14W	180	18,168	183,337	3	0	Arbuckle	3,480	9	
							Penn. congl.	4,166	13	
							Mississippian	4,172	6	
							Arbuckle	4,385	4	
Saundra ('46)	14-21S-12W	800	50,108	602,313	23	0	Lans.-K.C.	3,282	37	
							Arbuckle	3,546	18	
Seevers ('54)	6-25S-13W	200	8,616	188,556	5	0	Lans.-K.C.	3,893	49	
Seevers Northwest ('56)	6-25S-13W	940	155,863	1,885,919	42	0	Lans.-K.C.	3,826	3	
							Mississippian	4,042	8	
							Arbuckle	4,192	4	
Shaeffer-Rothgarn ('41)	3-21S-13W	1,900	109,347	2,687,907	46	1	Lans.-K.C.	3,404	30	
Also in Barton County							Penn. congl.	3,519	40	
							Simpson	3,536		
							Arbuckle	3,546	4	
Shepherd ('51)	16-22S-11W	240	6,041	389,483	6	1	Arbuckle	3,548	35	
Shepherd North ('54)	9-22S-11W	160	18,583	138,503	4	0	Lans.-K.C.	3,297	5	
							Penn. congl.	3,446	8	
							Simpson	3,426	2	
							Arbuckle	3,519	3	
Shepherd Northwest ('56)	8-22S-11W	40	no runs	45,452	1	0	Simpson	3,528	8	
							Arbuckle	3,516	12	
Silver Bell ('49)	10-22S-13W	120	7,695	279,155	3	0	Lans.-K.C.	3,498	30	
							Arbuckle	3,774	11	

Sittner ('37)	33-21S-12W	200	8,108	898,424	5	0	Lans.-K.C. Arbuckle	3,278	36	38
Slade South ('61) Also in Pratt County	35-25S-12W	200	18,280	114,193	5	0	Lans.-K.C. Viola	3,600	9	
Sleeper (revived)	22-22S-11W	40	1,064	15,860	1	0	Penn. congl. Arbuckle	3,608	27	39
Sleeper South ('62)	34-22S-11W	80	8,281	54,805	2	0	Arbuckle	3,581	9	
Smallwood ('51)	2-22S-14W	840	38,358	1,236,434	20	0	Lans.-K.C. Arbuckle	3,645	4	39
Snider ('36)	3-21S-11W	1,080	110,625	1,256,905	26	0	Lans.-K.C. Penn. congl. Simpson	3,618	29	32
Snider South ('38)	16-21S-11W	1,200	47,480	2,701,081	6	0	Arbuckle	3,576	11	
Soden ('64)	23-23S-13W		no report	0	21	0	Penn. congl. Simpson	3,362	26	43
Spangenberg ('43)	21-22S-12W	200	no report	84,508	5	0	Arbuckle	3,338	6	37
Spangenberg South ('62)	27-22S-12W	160	5,871	29,761	4	0	Arbuckle	3,402	3	34
Stallord ('40)	15-24S-12W		11,671	3,758,224	4	0	Viola	3,659	10	
Steve ('60)	24-21S-12W	160	no report	2,135	4	0	Arbuckle	3,945	10	48
Strobel ('52)	9-22S-14W		8,397	237,662	4	0	Penn. congl. Arbuckle	3,501	4	35
Strobel Northwest ('52)	8-22S-14W	40	980	59,362	1	0	Lans.-K.C. Simpson	3,556	23	37
Suiter ('62)	24-24S-15W	40	2,538	13,000	1	0	Arbuckle	3,864	8	
Sutton ('54)	21-22S-14W	160	6,947	98,009	4	0	Simpson	3,852	2	
Syms East ('48)	21-21S-12W		Combined into Mueller		1	0	Arbuckle	3,874	6	28
Syms Southeast ('52)	27-21S-12W	120	8,558	154,035	3	0	Lans.-K.C. Arbuckle	4,154	3	34
Taylor ('52)	15-21S-14W	80	13,749	194,680	2	0	Viola	3,638	10	37
Taylor Northeast ('57)	11-21S-14W	380	59,594	617,718	13	1	Simpson	3,690	4	36
Vanhooser ('64)	36-23S-14W	40	3,388	4,472	1	0	Lans.-K.C. Lansing	3,462	6	
Van Lieu East ('60)	21-24S-13W	80	no runs	19,777	2	0	Arbuckle	3,602	2	37
Van Winkle Southeast ('50)	26-21S-14W	40	2,528	122,742	1	0	Lans.-K.C. Lans.-K.C.	4,072	8	31
Vogel ('57)	10-25S-11W	120	7,951	86,925	3	0	Lans.-K.C. Lans.-K.C.	3,569	7	35
Waters ('58)	33-24S-14W	80	1,490	10,752	2	1	Lans.-K.C. Kinderhookian	3,442	34	4
Widener ('54)	26-21S-12W	400	25,002	329,964	11	0	Arbuckle	4,153	4	37
Wil ('57)	26-25S-16W	200	4,018	122,876	7	0	Kinderhookian	3,574	7	41
Also in Edwards County								4,324		
Wood ('53)	33-22S-14W	120	3,774	94,267	3	0	Lans.-K.C. Simpson	3,693	12	28
							Arbuckle	3,932	50	28
								3,965		

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abld. 1965	Name	Producing zone		
			during 1965	to end of 1965				Depth ft	Thick- ness, ft	Average gravity
STAFFORD COUNTY (concl.)										
Zenith-Peace Creek ('37) Also in Reno County Pools or fields abandoned Total Stafford County	23-24S-11W	4,200	153,253	41,630,455	76	0	Lans.-K. C. Viola	3,481 3,860		41
		64,320	4,961,099	171,386,793	1,612	39				
STANTON COUNTY										
Beauchamp ('59) Shore ('59)	23-30S-41W 22-30S-40W	80 40	1,003 13,033	17,715 85,239	2 1	0 0	Mississippian Penn. congl. Mississippian	5,337 2,963 5,316	6 49	39 45
Sparks ('54) Also in Morton County Total Stanton County	34-30S-42W	320	2,061	49,692	8	0	Morrowan	5,254		
		440	16,097	152,646	11	0				
STEVENS COUNTY										
Center ('62) Also in Seward County Also in Haskell and Seward Counties	33S-37W 1-31S-35W	80 1,200	5,690 1,753	47,066 1,160,339	2 1	0 0	St. Louis Marmaton Morrowan	6,562 4,778 5,200		37 27 41
Cutter South ('61) Gooch ('63)	27-31S-35W 8-35S-35W	400 280	64,349 91,327	315,764 147,438	4 6	0	Mississippian Mississippian Morrowan	5,454 5,780 5,926	16 31 26	41
Hanke ('56) Perrill ('59) Voorhees ('64) Walkemeyer ('59) Total Stevens County	6-35S-36W 7-31S-37W 13-34S-37W 35-33S-36W	40 120 80 600	1,147 3,744 32,871 4,525	109 29,922 42,492 11,363	1 3 2 5	0 0 0 0	Mississippian Morrowan Morrowan St. Louis Morrowan	6,355 6,267 5,326 6,734 6,145	23 23 22 22	
		1,600	467,028	1,752,493	41	0				

SUMNER COUNTY

Anson ('48)	35-30S- 2W	700	46,318	1,098,985	25	0	Lans.-K.C. Mississippi	3,264
Anson Southeast ('58)	12-31S- 2W	1,200	226,602	1,385,949	30	0	Lans.-K.C. Mississippi	3,742
Ashton ('54)	19-34S- 2E		no report	56,112		1	"Cleveland" Mississippi	3,738
Ashton Northwest ('59)	13-34S- 1E	120	13,799	114,325	3	0	Mississippi	3,210
Attebery ('59)	20-33S- 1W	80	1,183	60,827	2	1	Simpson	22
Badger Creek ('58)	1-34S- 1E	80	5,509	72,992	2	1	Simpson	34
Beatie (Abd.) ('56)	21-31S- 2W	40	548	18,929	1	0	Simpson	3,584
Belle Plaine ('65)	35-30S- 1E	160	10,399	10,399	4	0	Kansas City	4,282
Bellman ('45)	15-30S- 1E	120	13,895	437,265	3	0	Simpson	3,966
Bellman West ('57)	16-30S- 1E		no report	19,874			Simpson	4,189
Bitter Creek ('53)	1-35S- 1E	340	12,892	485,154	11	0	"Stalnaker" Cherokee	2,716
Caldwell ('29)	17-35S- 3W	40	4,812	1,714,774	1	0	Mississippi	18
Churchill ('26)	25-31S- 2E	900	29,587	20,152,383	18	1	"Stalnaker" "Layton" Arbuckle	3,614
Cole ('60)	24-31S- 4W	200	4,585	158,063	5	0	Simpson	4
Conway Springs ('59)	5-31S- 3W	440	163,777	964,420	11	0	Simpson	4,403
Crowe ('58)	10-35S- 1W		no report	3,302			"Layton"	4
Dickson ('64)	3-31S- 3W	80	18,237	18,237	2	0	Kansas City	47
Duncan ('63)	18-30S- 2W	40	5,834	20,140	1	0	Kansas City	6
Fall Creek ('50)	3-35S- 3W	640	69,222	2,943,797	26	0	Lans.-K.C. Mississippi	42
Gerberding ('54)	6-34S- 4W	120	3,779	141,140	3	0	Simpson	3,102
Guelph ('51)	6-35S- 1E	600	64,450	2,733,485	9	2	Lans.-K.C. Simpson	39
Holman ('60)	26-33S- 2E	320	88,040		13		Arbuckle	10
Holman West ('63)	27-33S- 2E	40	41,498	170,933	2	0	"Bartlesville"	3,969
Horsch ('58)	4-31S- 1W	40	2,749	9,576	6	0	Mississippi	3,311
Interchange ('59)	19-32S- 1E	120	2,951	29,992	1	0	Mississippi	4
Kerschen ('55)	17-31S- 3W	580	38,321	224,975	3	0	Simpson	6
Latta ('27)	9-30S- 2W	840	31,616	866,471	17	0	Lans.-K.C. Mississippi	3,267
Latta Northwest ('56)	5-30S- 2W	380	41,702	1,915,362	20	0	Lans.-K.C. Mississippi	10
Lee ('51)	33-32S- 2E	240	55,973	509,713	11	0	Mississippi	14
McIlhenny ('58)	1-31S- 4W	40	5,495	181,689	6	0	Kansas City	3,656
Margaret ('46)	36-32S- 2E	40	1,839	22,469	1	0	Mississippi	3,172
Markley ('58)	22-30S- 1E	300	26,648	457,035	8	1	Simpson	3,349

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells aband. 1965	Name	Depth ft	Thick- ness, ft	Gravity
			to end of 1965							
			during 1965							
SUNNER COUNTY (concl.)										
Mayfield ('57)	19-32S- 2W		no report	31,998		0	Simpson	4,278	5	
Meils ('60)	5-34S- 2E	100	2,135	34,639	3	0	"Bartlesville"	3,435	8	
Moyer ('58)	12-31S- 3W	150	11,675	149,103	5	0	Mississippian	3,459	9	
Moyer Northwest ('59)	2-31S- 3W	140	12,539	108,358	5	0	Kansas City	3,344	2	
Murphy ('33)	7-35S- 3E	4,000	281,246	6,632,614	204	1	Kansas City	3,173	2	38
Also in Cowley County							"Layton"	2,808		
O'Hara ('55)	18-32S- 1W	500	21,085	417,675	13	1	"Bartlesville"	3,472	10	
Olive Branch ('60)	11-33S- 3W	200	8,615	252,700	1	0	Lans.-K.C.	3,256	8	
Oxford ('27)	14-32S- 2E	800	34,487	16,920,341	4	0	Lans.-K.C.	4,444	4	45
			39,065		19	0	Simpson	1,930		
							"Hoover"	2,020	16	
Oxford West ('26)	17-32S- 2E	300	12,921	964,627	8	0	"Stalnaker"	2,510	20	
Padgett ('25)	12-34S- 2E	5,000	82,013	3,902,069	67	1	"Layton"	2,890	5	
							Arbuckle	3,681	31	
							Simpson	3,095		
							Arbuckle	3,187	8	
							"Cleveland"	3,424		
							"Bartlesville"	3,474	16	40
							Mississippian	3,744		
Perth ('45)	12-33S- 2W	320	18,704	1,365,875	6	0	Simpson	4,264	14	41
Portland ('50)	16-34S- 1E	360	21,118	844,245	9	0	Simpson	3,030	4	
							"Layton"	4,002		
Portland South ('56)	28-34S- 1E	120	10,688	108,927	3	0	Simpson	3,040	3	
Priddy ('57)	35-33S- 1W	160	509	104,400	4	2	"Layton"	4,332		
Rainbow Bend ('25)	24-33S- 2E	40	701	455,504	1	0	Simpson			
Also in Cowley County							Arbuckle			
Reynolds ('61)	9-30S- 2E	40	1,215	8,782	1	0	Mississippian	3,160	9	
Rusk ('59)	8-32S- 1E	120	34,604	196,767	3	0	Simpson	4,007	10	42
Rutter ('26)	21-33S- 2E	360	7,108	271,935	7	0	"Bartlesville"	3,268	10	
							Mississippian	3,283		
							Arbuckle	3,413	10	
Rutter Northwest ('63)	18-33S- 2E	80	6,541	14,883	2	0	Mississippian	3,379	18	
Rutter Southwest ('57)	29-33S- 2E	120	25,092	183,264	3	0	Simpson	3,551	5	
							Arbuckle	3,546	7	
Seydell ('58)	17-30S- 1E	600	130,006	1,261,350	26	3	Kansas City	2,747	6	48
							Mississippian	3,349	2	
							Simpson	3,826	10	

Slate Creek ('52) Slick-Carson ('24) Also in Cowley County South Haven ('54) Sparr ('61) Subera ('57) Tate ('38) Trekell ('59) Val Verde ('45) Voils ('58) Walta ('59)	9-33S- 2E 19-32S- 3E	40 80	2,196 1,592	64,927 7,854,788	1 2	0 0	Lans.-K.C. "Bartlesville"	2,804 3,124	12
	2-35S- 1W 14-30S- 2W 22-34S- 3W 31-32S- 2E	200 40 300	25,587 1,065 3,497	547,728 14,486 328,581	5 1 8	0 0 0	Simpson Mississippian Simpson Simpson	4,189 3,773 4,740	5 13 4
	19-31S- 1W 23-33S- 2E 17-30S- 1W 25-33S- 4W	Included with Anson Southeast 40 240 320	no report 2,686 36,584 26,873	6,097 12,791 91,034 220,572	0 1 6 8	0 0 0 0	"Bartlesville" Mississippian Mississippian Mississippian	3,715 3,280 3,499	9 15 13
	33-31S- 1W 27-31S- 1W 7-30S- 1E 22-30S- 1W	3,600 340 440 240	577,993 25,886 24,567 21,266	14,154,829 638,850 716,660 1,772,925	140 17 8 6	0 0 0 3	Simpson "Chat" Mississippian Simpson	4,502 3,655 3,659 3,866 3,918	5 11 5 3 12
	Total Sumner County	28,230	2,564,156	90,414,911	846	18			
THOMAS COUNTY									
Mingo ('52)	19- 9S-32W	40	no runs	22,892	1	0	Marmaton Mississippian	4,414 4,680	
Pools or fields abandoned Total Thomas County		40		12,257 35,149	1	0			
TREGO COUNTY									
Adair Southwest ('56) Bin ('58) Cedar Bluff ('65) Cotton ('45) Cotton East ('47) De Murrey ('65)	28-12S-21W 31-11S-22W 20-14S-22W 15-12S-21W 14-12S-21W 3-11S-22W	40 200 80 80	862 no report no report 12,523 7,312 652	12,023 4,237 0 86,805 95,518 6,658	1 5 2 1	1 0 0 0 0 0	Marmaton Lansing Cherokee Arbuckle Arbuckle Lansing	3,856 3,776 4,086 3,958 3,942 3,638	10 6 34 6 4
Diebolt ('53) Also in Graham County Egger ('58)	33-10S-23W 12-13S-21W 31-12S-20W	560 120 1,000	30,590 11,440 111,038	818,485 157,439 1,226,406	14 3 26	0 0 0	Marmaton Lans.-K.C. Arbuckle Lans.-K.C.	3,807 3,779 3,450 3,825 3,632	6 35 6 3 4
Ellis ('42) Also in Ellis County Ellis Northwest ('44) Ellis Southwest ('59) Flax ('65)	26-12S-21W 2-13S-21W 26-13S-21W	180 40 320	6,015 2,194 1,686	290,156 21,726 30,156	4 1 1	0 0 1	Arb.-Reagan Arbuckle Marmaton Arbuckle	3,925 3,797 3,962 4,008	8 2 20 19

TABLE 27.—Oil production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells shut- in 1965	Producing zone			
			during 1965	to end of 1965			Name	Depth ft	Thick- ness, ft	Average
TREGO COUNTY (concl.)										
Groff ('52)	26-14S-21W	900	78,417	1,205,938	21	0	Lans.-K.C.	3,493	10	36
							Marmaton	3,755	17	
Homburg ('55)	11-13S-21W	80	2,957	28,492	2	0	Penn. congl.	3,822	10	
Kohl ('62)	11-12S-21W	360	11,841	67,251	9	0	Marmaton	3,800	10	33
							Lansing	3,694	2	34
Kuppertz ('65)	4-14S-21W	40	172	172	1	0	Arbuckle	4,052	4	
Kutina ('53)	29-15S-21W	280	32,760	386,885	7	0	Cherokee	4,151	4	40
Kutina West ('65)	24-15S-22W	40	1,257	1,257	1	0	Cherokee	4,202	6	40
Meserve ('65)	18-15S-20W		no report	0		0	Penn. congl.	3,928	3	40
Also in Ellis County										
Mong ('62)	25-11S-23W	120	1,450	35,128	3	0	Lansing	3,620	5	41
Muhlheim ('63)	15-13S-21W	240	7,599	127,842	2	1	Lans.-K.C.	3,524	4	
Newcomer ('56)	12-12S-23W	1,280	77,809	1,595,183	4		Arbuckle	3,904	1	
Nicholson ('45)	30-11S-20W	200	41,250	301,994	37	0	Lans.-K.C.	3,733	3	37
Also in Ellis County										
Ogallah ('51)	26-12S-22W	3,400	40,175	8,435,466	5	0	Lans.-K.C.	3,842	12	34
			555,365		3	1	Arbuckle	3,961	24	38
Ogallah Northwest ('57)	21-12S-22W	40	1,430	17,323	78	0	Arbuckle	3,724	3	38
(revived)					1		Lans.-K.C.	4,093	7	32
Page Creek ('56)	38-15S-22W	40	1,273	13,459	1	0	Arbuckle	3,764	4	32
Rhoden ('56)	24-12S-23W	200	4,004	141,557	5	0	Cherokee	3,693	13	36
Ridgeway ('52)	26-12S-21W	320	23,464	404,377	8	0	Lans.-K.C.	3,896		
							Arbuckle	3,503	28	
Riga Northeast ('57)	9-13S-21W	40	1,278	51,354	1	0	Lansing	3,915	2	39
							Arbuckle	3,868	6	34
Scanlon ('62)	18-11S-24W	120	15,533	72,296	3	0	Lans.-K.C.	3,561	40	
Seibel ('64)	6-13S-21W	160	17,387	37,590	3	1	Lans.-K.C.	3,848	14	39
			8,368		1		Arbuckle	3,573	7	
Sunny Slope ('52)	21-14S-21W	600	34,741	645,119	9	0	Marmaton	3,688	7	
Trico ('51)	30-10S-20W	1,000	141,048	2,709,761	47	0	Lans.-K.C.	4,008	4	36
Also in Ellis, Graham, and Rooks Counties										
Voda ('57)	28-11S-24W	400	28,100	329,451	9	0	Arbuckle	3,619	8	38
WaKeeney ('34)	14-11S-23W	160	6,347	985,074	4	0	Lans.-K.C.	3,624	4	38
WaKeeney East ('49)	24-11S-23W	40	6,575	63,132	1	0	Lans.-K.C.	3,428	9	35
Walz ('50)	12-11S-21W	1,200	84,792	1,311,712	22	0	Lans.-K.C.	3,666	11	
							Arbuckle	3,693	2	
Walz Northwest ('57)	12-11S-21W	160	8,698	162,039	4	0	Arbuckle			

Zeigler ('64) Pools or fields abandoned Total Trego County	4-11S-21W	200	40,168	53,674 118,178 22,051,313	5	0	Arbuckle	3,760	4
WABAUNSEE COUNTY									
Ashburn ('58) Davis Ranch ('49)	29-14S-10E 33-13S-10E	120 840	20,660 181,215	170,721 3,551,997	3 21	0 0	Viola Lans.-K.C. Huntton Viola	3,255 1,850 2,929 3,201	7 4 15 29
Mill Creek ('50) Newbury ('50) Paxico ('65) Wilmington ('59)	2-13S-10E 11-11S-11E 23-11S-11E 29-14S-12E	120 240 80 60	10,344 8,454 594 21,110	347,329 358,622 594 99,612	3 6 2 2	0 1 0 0	Viola Viola Huntton Viola Simpson Viola	2,923 2,901 2,411 2,996 3,099 3,328	4 27 4 2 19 6 3 23 5
Woodbury ('51) Total Wabaunsee County	11-15S-10E	80 1,540	8,212 250,589	157,414 4,711,558 recorded	2 39	0 1			
WICHITA COUNTY									
Carwood ('57) Rupp ('64) Also in Kearny County White Women ('62) Total Wichita County	16-17S-37W 5-21S-38W 34-20S-35W	no report no report 40 40	no report no report 980 980	1,369 0 4,572 5,941	0 0 1 1	0 0 0 0	Marmaton Morrowan Marmaton	4,528 4,776 4,512	4 4 8 32
WILSON COUNTY									
Altoona ('03) Altoona East ('35) Benedict Buffalo-Vilas ('24) Also in Woodson County Coyville West ('54) Fall River (Abd.) Fredonia (1890) Humboldt-Chanute Also in Allen, Neosho, and Woodson Counties Neodesha Also in Montgomery County Neodesha East	10-29S-16E 29S-17E 28S-15E 27S-17E 27S-13E 28S-13E 29S-15E 28S-17E 30S-16E 30S-17E	2,400 420 580 1,540 40 40 600 120 4,600 320	107,737 20,586 28,041 30,735 70 672 25,864 651 86,515 2,830	122 22 40 136 8,396 1 46 4 256 7	3 0 2 1 0 0 0 0 3 0	"Squirrel" "Bartlesville" "Bartlesville" "Bartlesville" Cherokee Cherokee Cherokee "Burgess" "Bartlesville" "Bartlesville" Cherokee	650 900 900 1,000 1,025 1,150 1,050 850 950		

TABLE 27.—Oil production in Kansas during 1965 (concluded).

Field name and year of discovery	Location of discovery well	Area, acres	Oil production, bbl		Pro- ducing wells	Wells abdl. 1965	Producing zone	
			during 1965	to end of 1965			Name	Depth ft
WILSON COUNTY (concl.)								
Miscellaneous		200	2,456		5	1		
Total Wilson County		10,860	306,157	8,466,650 recorded	640	10		
WOODSON COUNTY								
Big Sandy ('23)	23-26S-14E	1,240	39,016		63	0	"Bartlesville"	1,230 50
Bufalo-Vilas ('05)	27S-17E	400	1,365		21	1	"Bartlesville"	1,000
Also in Wilson County							Cherokee	1,150
Evans ('38)	21-23S-15E	80	1,126		4	0	Mississippian	1,540
Also in Coffey County								
Gordon ('54)	13-24S-15E		Combined into Vernon			0	"Squirrel"	1,080 16
Humboldt-Chanute	25S-17E	1,200	30,256		48	0	"Bartlesville"	900
Also in Allen, Neosho, and Wilson Counties								
McWhorter ('55)	35-26S-13E	20	435	8,735	1	0	Mississippian	1,417
Neosho Falls-Leroy ('05)	35-22S-16E	2,320	56,467		95	4	"Squirrel"	965
Also in Allen and Coffey Counties							Mississippian	1,200
Perry-Halligan	26S-17E	600	5,097		18	21		
Piqua ('38)	22-24S-17E	200	2,002		6	0	Mississippian	1,190
Stange ('38)	20-24S-16E		Combined into Vernon			0		
(revived)								
Quincy ('32)	14-25S-13E	1,460	80,267		92	0	"Bartlesville"	1,500
Also in Greenwood County								
Rose East ('54)	16-26S-16E	840	10,267	379,902	37	0	"Bartlesville"	1,109 15
Silver City ('46)	19-26S-15E	480	5,213		18	0	"Bartlesville"	
Steele ('52)	20-23S-15E		no report	8,220			Mississippian	1,525 17
Vernon	23S-16E	5,000	171,114		148	1	"Squirrel"	1,068 6
Virgil North ('20)	22-23S-13E	1,340	57,748		17	0	"Bartlesville"	1,585
Also in Coffey and Greenwood Counties							Mississippian	1,840
Winterschied	23S-14E	13,600	436,908		345	3	"Bartlesville"	1,630 15
Also in Coffey and Greenwood Counties							Mississippian	1,750
Wissman ('36)	3-24S-15E	200	3,143		3	1	Mississippian	1,520
Yates Center	28-25S-15E	1,400	35,439		32	0	Mississippian	1,480
Miscellaneous		100	271		4	2		
Total Woodson County		30,480	936,134	16,183,228 recorded	946	33		

TABLE 28.—Gas production in Kansas during 1965.

Field name and year of discovery	Location of discovery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		Name	Producing zone	Depth, ft
			During 1965	To end of 1965			
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	1,600	133,996		"Squirrel"	30	850
Moran ('03)	25S-20E		Included with Iola		"Bartlesville"		975
Miscellaneous		5,400	480,000 est		"Bartlesville"	90 est	820
Total Allen County		7,000	613,996 est			120 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	3,700	6,443,159	46,595,840	Mississippian	91	4,850
Aetna Northwest ('61)	4-34S-15W		Included with Aetna Gas Area		Viola		5,215
Boggs Southwest ('55)	30-33S-12W	3,800	1,424,886	48,251,162	Cherokee	34	4,761
Brooks ('62)	32-31S-13W		no report	56,942	Mississippian		4,456
Cedar ('57)	25-33S-10W		no report	none	Douglas		3,731
Clara ('44)	2-30S-14W		no report	803,532	Mississippian		4,543
Also in Pratt County					Marmaton		4,381
Deerhead ('42)	26-32S-15W		no report	1,896,083	Viola		4,409
Deerhead North ('64)	14-32S-15W	80	24,153	24,153	Simpson	1	4,435
DeGeer ('48)	2-33S-15W		no report	140,442	Arbuckle		4,540
DeGeer Southwest ('63)	8-33S-15W		Included with Perry Ranch		Viola		4,931
Donald ('46)	33-31S-15W	500	1,529,684	14,550,035	Mississippian		4,792
Elsca ('56)*	27-32S-14W	200	293,596	3,875,097	Maquoketa		4,965
					Mississippian		4,902
					Viola		5,176
					Viola		4,693
					Simpson		4,845
					Mississippian	10	4,697
					Mississippian	3	4,662

Elwood ('56)*	34-34S-13W	100	45,969	6,515,524	1	Mississippian	3,565
Gilbert ('64)	18-32S-11W	100	88,186	90,386	1	Douglas	4,687
Groendycke ('63)*	27-33S-12W	700	872,288	994,088	8	Mississippian	4,791
Hardtner ('54)*	31-34S-12W	5,000	4,430,485	84,160,887	47	Cherokee	4,838
ILS ('56)	9-31S-11W	900	664,049	3,329,419	9	Mississippian	3,766
Lake City ('45)	7-31S-13W		35,535	"ILS Southwest"	2	Mississippian	4,411
Little Bear Creek ('54)	12-32S-14W	40	no report	"ILS Southwest"		Viola	4,435
McGuire-Goemann ('56)*	24-32S-11W	800	642,226	9,729,904	9	Douglas	3,808
McReynolds ('59)	19-31S-10W	100	269,838	641,308	1	Viola	4,670
Medicine Lodge-Boggs ('27)	13-33S-13W	14,000	2,860,078	286,351,252	2	Mississippian	4,403
			217,181	"Boggs"*	62	Mississippian	4,530
			675,143	"Boggs"*	2	Shawnee	
			458,260	"Boggs NW"*	4	Douglas	3,812
			126,941	"Boggs NW"*	6	Douglas	3,812
					1	Marmaton	4,458
						Penn. congl.	4,460
			905,708	"Boggs"*	8	Mississippian	4,480
			134,893	"Boggs NW"*	3	Mississippian	4,480
			37,185	"Bartholow"*	2	Mississippian	4,480
Medicine Lodge North ('54)	25-32S-13W		Included with Medicine Lodge-Boggs			Simpson	4,860
Medicine River ('64)*	4-32S-12W	600	107,419	168,382	2	Mississippian	4,480
Nippawalla ('51)	13-33S-12W	80	35,984		2	Mississippian	4,198
Nurse ('53)	23-31S-13W	200	134,978	"Nurse NE"*	2	Douglas	3,659
Palmer ('58)*	30-32S-13W	1,600	129,937	1,007,524	3	Mississippian	4,541
			34,051	11,357,732	1	Douglas	3,599
			168,492		1	Douglas	4,194
			9,754		3	Lans.-K.C.	
Perry Ranch ('59)	12-32S-16W	400	1,823,473	3,927,698	18	Mississippian	4,530
Also in Comanche County			799,513		8	Mississippian	4,785
Rhodes ('54)	4-33S-11W	9,000	407,006	84,007,337	9	Douglas	3,548
			782,577	"Rhodes NW"*	6	Douglas	3,548
			1,526,637	"Rhodes N"*	15	Mississippian	4,551
Rhodes Northeast ('56)*	2-33S-11W	1,600	1,564,488	16,581,756	16	Mississippian	4,500
Rhodes South ('57)*	6-34S-11W	600	321,405	5,645,455	10	Mississippian	4,564
Roundup South ('53)	33-33S-11W	260	424,114		5	Mississippian	4,457
Salt Fork ('62)	3-35S-15W		no report	none		Mississippian	4,856
Sharon ('55)	13-32S-10W		no report	none		Mississippian	4,355
Also in Harper County						Mississippian	
Sharon Northwest ('56)*	11-32S-10W	2,400	2,682,188	21,929,142	17	Mississippian	4,347

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		No. wells	Name	Producing zone	Depth ft
			During 1965	To end of 1965				
BARBER COUNTY (cont.)								
Skinner ('43)	29-31S-14W	450	136,359	29,487,555	7	Douglas Lans.-K.C. Marmaton Viola Simpson		4,023 4,109 4,294 4,578 4,622
Stumph ('52)	7-32S-14W	800	939,642	8,904,103	9	"Stalnaker" Marmaton		4,054 4,718
Traffas ('55)	6-33S-10W	100	71,693	457,925	2	Mississippian		4,590
Turkey Creek East ('57)	21-30S-15W	40	no runs		1	Viola		4,557
Warwick ('65)	12-31S-11W		no report	none		Mississippian		4,519
Wells ('58)	18-34S-15W	40	45,595	318,044	1	Marmaton		4,694
Whelan ('34)	32-31S-11W	100	343,427		2	Douglas "Chat"		3,598 4,355
Whelan East ('54)	21-31S-11W	Combined into Wil*				Douglas		3,746
Whelan Southwest ('54)	3-32S-12W	Included with Medicine River*				Mississippian		4,245
Whelan West ('55)	25-31S-12W	Included with Whelan				Mississippian		4,300
Wolgamott ('57)	16-35S-14W	100	66,332	407,308	2	Cherokee		4,865
Total Barber County		48,390	34,734,507	705,647,060	445			
BARTON COUNTY								
Adolph ('47)	16-20S-15W	Combined into Converse				Arbuckle		3,734
Ash Creek ('47)	31-20S-15W	40	no runs		1	Simpson		3,750
Also in Pawnee County						Arbuckle		3,784
Behrens ('44)	6-20S-15W	140	109,115		3	Arbuckle		
Chaffee ('63)*	31-19S-13W	360	532,551	1,174,440	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	16,969	137,312	1	Simpson		
			"Clarence SE"					
Converse ('53)	20-20S-15W	400	584,969	398,567	7	Arbuckle		3,783
Eberhardt ('35)	14-19S-11W		no report			Arbuckle		
Ft. Zarah ('51)	28-19S-12W	40	5,056		1	Lansing		3,191
Great Bend Airport ('52)	26-19S-14W		no report	none		Penn. congl.		3,445
Heizer Southwest ('52)	21-19S-14W	40	23,753	1,282,707	1	Penn. congl.		3,496
Kraft-Prusa ('37)	36-16S-11W	60	132,659	1,094,257	1	Lans.-K.C.		
Also in Ellsworth and Russell Counties								
Merten Southwest ('58)	7-19S-15W		no report	none		Reagan		3,597

Otis-Albert ('30)	11-18S-16W	Included with Rush County	Neva
Also in Rush County			Reagan
Parrish ('65)	1-20S-13W	no report	Arbuckle
Pawnee Rock ('36)	13-20S-16W	no report	Arbuckle
Also in Pawnee County			
Pritchard	20S-14W	no runs	1
Rick ('41)	11-19S-11W	no report	Arbuckle
Also in Rice County			
Unruh ('45)	24-20S-15W	no report	Arbuckle
Total Barton County		14,730,606	3,355
		31,093,591	3,641
		1,200	22

BUTLER COUNTY

El Dorado	40	2,693	1
Miscellaneous	600	80,000 est	15 est
		40,707	1
Total Butler County	640	123,400 est	17 est
		"Ireland"	

CHASE COUNTY

Davis ('29)	19S- 7E	no report	Pennsylvanian
Elmdale ('21)		40,000 est	10 L. Permian
			est Wabaunsee
Lipps ('25)	32-18S- 7E	Included with Elmdale	500
Miscellaneous		800	800
Total Chase County		1,200	
		80,000 est	10 est
			20 est

CHAUTAQUA COUNTY

Hale-Inge	32S-12E	no report	"Peru"
Also in Elk County			1,160
Peru-Sedan		40	
		19,345	
Rich ('56)	16-33S- 9E	Included with Miscellaneous	1
(revived)			Mississippian
Miscellaneous			Marmaton
Total Chautauqua County		2,400	Mississippian
		2,440	60 est
			61 est

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		No. wells	Name	Producing zone	Depth ft
			During 1965	To end of 1965				
CLARK COUNTY								
	35-32S-23W		no report	1,795,172				
Ashland ('51)	3-31S-21W	100	3,697	347,435	1	Mississippian		5,195
Cavalry Creek ('55)	8-35S-22W	320	110,808	606,825	2	Morrowan		5,630
Clark Creek ('59)	9-34S-21W	16,000	5,376,726	33,235,251	45	Morrowan		5,437
Harper Ranch ('53)			"Harper Ranch N"			Mississippian		
McKinney ('50)	2-34S-26W	7,500	1,920,030	18,167,800	19	Mississippian		5,762
Also in Meade County			90,131	"Theis"	2			
Morrison Northeast ('54)	10-32S-21W	500	257,741	2,919,855	3	Morrowan		5,193
Sitka ('59)*	13-33S-22W	8,000	2,388,596	6,942,137	19	Morrowan		5,266
			"Harper Ranch"			Mississippian		
Snake Creek ('52)	21-34S-21W	7,500	3,855,740	"Harper Ranch"	23	Morrowan		5,452
Snake Creek Northeast ('59)	13-24S-21W		no report	none		Morrowan		5,444
Snake Creek West ('64)	10-34S-22W		Included with Sitka*			Morrowan		5,406
Tuttle West ('57)	10-35S-21W	300	18,824	1,336,232	2	Morrowan		5,625
			"Tuttle"					
Total Clark County		40,220	14,022,293	84,041,957	116			
COFFEY COUNTY								
Miscellaneous			60 est	1,000 est	3 est			
Total Coffey County			60 est	1,000 est	3 est			
COMANCHE COUNTY								
Beals ('55)	5-34S-17W	320	2,030,706	4,715,825	4	Lans.-K.C. Mississippian Viola Simpson		4,393 5,002 5,502 5,670
Glick ('57)*	31-30S-16W	6,000	4,030,250	21,244,034	13	Mississippian		4,880
Also in Kiowa County								
Nescatunga ('60)*	22-32S-18W	300	1,104,476	6,397,485	5	Mississippian Viola		5,106 5,600
Perry Ranch ('58)	12-32S-16W		Included with Barber County			Mississippian		4,785
Also in Barber County								
Robbins Ranch ('53)	23-31S-16W		no report	538,864		Mississippian		4,915
Shimer ('61)	13-33S-17W	700	366,307	366,307	4	Mississippian		5,014

Tuttle ('57)	6-35S-20W	no report	none	5,538
Tuttle East ('63)	4-35S-20W	no report	none	5,457
Yellowstone North ('65)	16-35S-16W	no report	none	4,923
Total Comanche County		<u>7,320</u>	<u>7,531,739</u>	<u>26</u>

COWLEY COUNTY

Arkansas City Gas Area	34S- 4E	Included with Miscellaneous		
Enterprise Northeast ('52) (revived)	35-33S- 3E	no report		2,546
Enterprise Southwest ('53)				
Estes ('28)	3-34S- 3E	100	19,078	2
Genda Springs ('25)	32S- 6E	40	48,614	1
Gibson ('41)	17-34S- 3E	80	28,327	1
	34S- 3E	300	211,228	3
Graham ('24)	9-33S- 3E	500	171,886	11
Jarvis ('30)	13-33S- 5E	Abandoned during 1965		
McKay ('51)	17-35S- 4E	Included with Miscellaneous		
Mansur ('49)	31S- 7E	Included with Miscellaneous		
Murphy ('45)	35S- 3E	no report		2,170
Also in Sumner County				
New Salem North ('49)	21-31S- 5E	40	24,868	1
Rainbow Bend ('23)	17-33S- 3E	Included with Miscellaneous		
School Creek North ('53)	10-32S- 7E	100	no runs	2
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	160,518	3
Werner ('56)	31-32S- 6E	80	30,109	2
Whitacre ('62)	5-34S- 4E	no report	none	1,740
Whitacre-Floral ('25)	30-31S- 5E	no report		
Miscellaneous		24,000	3,280,000 est	640 est
Total Cowley County		<u>25,400</u>	<u>3,974,628 est</u>	<u>666 est</u>

CRAWFORD COUNTY

St. Paul-Walnut (Misc.)	29S-21E	600	80,000 est	15
Total Crawford County		<u>600</u>	<u>80,000 est</u>	<u>15 est</u>

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of the covering well	Area, acres	Gas production, Mc cu ft (at base of 14.65 psia.)	To end of 1965	No wells	Name	Producing zone	Depth, ft
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								
Belpre ('42)	8-25S-16W	Combined into Wil*				Lans.-K.C.	3,800	
Bordewick ('63)	18-26S-18W	no report	none			Mississippian	4,278	
Bordewick East ('64)	23-26S-18W	80	102,221	102,221	1	Tarkio	3,342	
Bradbridge ('48)	6-24S-15W	no report				Wabunsee	3,216	
Also in Stafford County								
Britton ('63)*	9-25S-17W	200	138,496	268,931	2	Lans.-K.C.	3,686	
Edstaif ('55)	12-25S-16W	Combined into Wil*				Arbuckle	4,020	
Embry ('55)	23-24S-16W	800	778,648	11,086,207	9	Kinderhookian	4,476	
		Included with Wil*				Penn. congl.	4,202	
English ('59)	31-25S-16W	Included with Wil*				Mississippian	4,231	
Fatzner ('59)	14-26S-17W	80	69,216	502,239	2	Kinderhookian	4,292	
Fellisburg ('60)	35-25S-17W	40	77,972	268,754	1	Mississippian	4,530	
Groner ('62)	5-23S-20W	no report				Cherokee	4,490	
Kirk ('55)	26-26S-16W	no report				Mississippian	4,392	
		no report (part of Wil)*				Cherokee	4,462	
McCarthy Northeast ('30)	22-25S-17W	Included with Britton*				Kinderhookian	4,452	
McClanahan ('58)*	2-26S-18W	160	266,440	845,830	3	Penn. congl.	4,612	
McClanahan East ('63)	12-26S-18W	Included with McClanahan*				Penn. congl.	4,528	
						Cherokee	4,518	
Trousdale North ('58)	8-26S-16W	no report				Mississippian	4,458	
		no report (part of Wil)*				Mississippian	4,392	
Trousdale Northeast ('58)	15-26S-16W	no report				Kinderhookian	4,472	
		no report (part of Wil)*				Cherokee	4,525	
Trousdale South ('56)	33-26S-16W	no report				Kinderhookian		

Wayne ('56)
Wil ('57)*
Also in Stafford County
Total Edwards County

28-24S-17W
26-25S-16W

10,000
11,360

no report
1,449,835
2,882,828

none
15,880,807
30,191,323

Mississippian
Kinderhookian
105
123

4,324

ELK COUNTY

Cummings ('60)
Hale-Inge
Also in Chautauqua County
Longton ('02)
Schrader ('28)
Miscellaneous
Total Elk County

26-31S- 9E
32S-12E

31S-12E
31S- 8E

200
Included with Miscellaneous

Included with Miscellaneous
Included with Miscellaneous
1,800
2,000

196,008
768,107

436,008 est

4
Mississippian
"Peru"

Kansas City
Kansas City
45 est
49 est

2,226
1,160

660

ELLIS COUNTY

Younger Northwest ('62)
Total Ellis County

30-13S-17W

no report

none
none

Lansing

3,375

ELLSWORTH COUNTY

Satran ('60)
Schlessiger ('65)
Stoltenberg ('47)
Total Ellsworth County

5-14S- 9W
30-16S-10W
18-17S- 9W

160
80
240

no report
98,078
88,004
186,082

none
98,078
825,767
923,841

Herrington
Lansing
1
Shawnee
3

1,276
3,041
2,728

FINNEY COUNTY

Hugoton Gas Area ('32)*
Also in Grant, Hamilton, Haskell, Kearny, Morton, Seward, Stanton, and Stevens Counties
Nunn ('38)
Total Finney County

16-25S-34W
27-21S-34W

421,000
421,000

40,431,690
no report
40,431,690

681,139,048
146,075
681,285,123

649

2,200

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu ft (at base of 14.65 psia.) During 1965	To end of 1965	No. wells	Producing zone Name	Depth, ft
FORD COUNTY							
Bucklin ('63)	7-29S-21W	80	16,537	130,680	1	Cherokee	
Pleasant Valley ('38)	34-27S-21W	800	96,767	3,234,898	2	Mississippian	4,954
Total Ford County		880	113,304	3,365,578	3		
FRANKLIN COUNTY							
Miscellaneous		600	80,000 est		15 est		
Total Franklin County		600	80,000 est		15 est		
GRAHAM COUNTY							
Law ('51)	34- 9S-23W		no report	12,656			
Total Graham County				12,656			
GRANT COUNTY							
Hugoton Gas Area ('30)*	12-29S-38W	375,000	138,356,294	1,765,794,770	575	Chase Group	2,200
Also in Finney, Hamilton, Haskell, Kearny, Morton, Seward, Stanton, and Stevens Counties							
Panoma Gas Area ('56)*	35-31S-34W	22,000	1,962,942		43	Council Grove	2,710
Also in Hamilton, Kearny, Morton, Stanton, and Stevens Counties			Includes Stanton County				
Ryus Township ('62)	25-29S-35W		Combined into Panoma Gas Area*			Council Grove	2,845
Total Grant County		397,000	140,319,236	1,771,402,601	618		
GREENWOOD COUNTY							
Huffine ('62)	10-28S-13E		Included with Miscellaneous			"Burgess" Mississippian	
Also in Wilson County						Mississippian	
Lane ('58)	5-26S-12E		no report	35,750			
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	8,290,027	14,989,029	116	Chase Group	2,546
Hugoton Gas Area ('46)*	12-26S-39W	30,000	6,629,108	69,485,584	45	Chase Group	2,200
Also in Finney, Grant, Haskell, Kearny, Morton, Seward, Stanton, and Stevens Counties	35-31S-34W		no report			Council Grove	2,710
Panoma Gas Area ('56)*							
Also in Grant, Kearny, Morton, Stanton, and Stevens Counties							
Total Hamilton County		100,000	14,919,135	84,474,613	161		

HARPER COUNTY

Crystal Springs ('59)*	18-32S- 7W		no report	431,094		Mississippian	4,420
Goheen ('58)	12-31S- 7W		no report	none		Mississippian	4,302
Grant ('57)	21-31S- 7W	200	79,983	594,459	2	Mississippian	4,343
Harper ('58)	11-32S- 7W	100	no runs	1,322,799	1	Viola-Simpson	4,714
Hibbard ('57)	23-34S- 9W	100	3,296	242,721	1	Mississippian	4,586
Runnymede ('53)	23-31S- 6W		no report	none		Simpson	4,648
Sharon ('55)	13-32S-10W	1,200	805,908	5,920,240	12	Mississippian	4,355
Also in Barber County							
Spivey-Grabs-Basil ('49)*	13-31S- 9W	4,100	2,053,601 est	35,166,761	22 est		
Also in Kingman County			2,746,804		37	Mississippian	4,400
Stohrville ('57)	26-33S- 6W		no report	none		Mississippian	4,386
Sullivan ('61)	31-32S- 8W	200	73,296	80,960	2	Lans.-K.C.	
Wohlschlegel ('64)	9-31S- 6W	Abandoned during 1965		none		Mississippian	4,292
Total Harper County		5,900	5,762,888 est	43,751,370	77 est		

HARVEY COUNTY

Alta Mills	22S- 2W		Included with Miscellaneous				
Burrton ('30)	23-23S- 4W	1,600	858,872		30	Mississippian	3,298
Also in Reno County			Includes Reno County				
Burrton North ('56)	32-22S- 3W		no report			Mississippian	3,280
Burrton Northeast ('42)	3-23S- 3W		Included with Burrton		1	Mississippian	3,226
Graber ('55)	22S- 1W	100	12,928	154,925		Mississippian	2,958
Also in McPherson County							
Harmac Southeast ('64)*	1-22S- 3W	200	59,709	59,709	4	Mississippian	3,103
Hollow-Nikkel ('31)	20-22S- 3W		Included with Burrton			Mississippian	
Also in McPherson County							
Sperling ('35)	23-22S- 2W	300	no report	7,513,363		"Chat"	2,955
Sperling South ('57)	22S- 2W		24,020	454,927	3	Mississippian	2,954
			"Sperling"				
Miscellaneous		600	80,000 est		15 est		
Total Harvey County		2,800	1,035,529 est	14,945,075	53 est		

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		No. wells	Producing zone	
			During 1965	To end of 1965		Name	Depth ft
HASKELL COUNTY							
Eubank ('58)*	28-28S-34W	16,000	1,827,027	13,105,665	33	Toronto Lans.-K.C. Marmaton Cherokee Morrowan Mississippian Chase Group	4,084 4,699
Hugoton Gas Area ('31)* Also in Finney, Grant, Hamilton, Kearny, Morton, Seward, Stanton, and Stevens Counties Included with Eubank* Combined into Victory*	29-30S-34W 12-29S-34W 22-30S-33W	287,000	42,482,106	601,240,813	426	Morrowan Mississippian Kansas City "B" Desmoinesian Cherokee Morrowan Council Grove Marmaton Morrowan	2,200 5,094 5,349
Lemon Northeast ('65)	23-29S-33W		no report	none			
Lemon Northwest ('61)	17-30S-33W		Combined into Victory*				
Pleasant Prairie ('54) Victory ('60)*	16-27S-34W 30S-33W	9,500	no report 1,350,939	none 3,401,539	31		4,655 5,126 4,990 5,270 2,814
Miscellaneous Total Haskell County		312,500	no report 45,660,072	none 613,342,953	490		
HODGEMAN COUNTY							
Groner ('62) Reginer ('64) Total Hodgeman County	6-23S-20W 2-24S-21W		no report no report	none none none		Mississippian Osagian	4,604
JOHNSON COUNTY							
Gardner ('39) Miscellaneous Total Johnson County	15-14S-22E	2,120 2,120	no report 280,000 est 280,000 est		53 est 53 est		

KEARNY COUNTY

Campbell ('62)	9-21S-35W	no report	none		
Hugoton Gas Area ('37)*	32-25S-35W	407,000	81,326,183	1,188,808,908	4,408
Also in Finney, Grant, Hamilton, Haskell, Morton, Seward, Stanton, and Stevens Counties	12-31S-38W		no report	630	2,200
Panoma Gas Area ('56)*					
Also in Grant, Hamilton, Morton, Stanton, and Stevens Counties					2,843
Total Kearny County		407,000	81,326,183	1,188,808,908	

KINGMAN COUNTY

Alameda ('58)	27-28S- 7W	800	298,269	1,115,981	3,988
Bartholomew ('46)	1-28S- 5W	Included with Miscellaneous			
Also in Sedgewick County					
Belmont Center ('64)	23-29S- 8W		no report	none	4,186
Broadway ('48)	21-28S- 5W	1,600	514,788	5,538,856	3,833
Broadway West ('54)	19-28S- 5W	Included with Broadway			
Casley ('52)	2-28S- 5W		no report		3,884
Cunningham ('31)	7-28S-11W				1,993
Also in Pratt County					2,969
Dale ('59)	35-28S- 6W		no report	141,003	4,278
Dewey ('50)	9-28S- 5W		no report	3,871,978	4,094
Dresden ('51)	13-27S-10W	80	10,444	15,439	3,928
Freemyer ('60)	20-27S- 6W	160	50,310	93,587	3,801
Goetz ('56)	29-29S- 9W		no report	981,236	1,622
Hurn ('60)	18-27S- 5W	80	no runs	206,021	3,822
Klaver ('60)	9-29S- 6W	80	52,209	285,110	4,156
Lansdowne North ('50)	28S- 5W	Included with Broadway			
Nashville ('63)	1-30S-10W		no report	none	4,408
Negro Creek ('61)	13-28S- 7W	80	no runs	342,149	3,777
Prather ('62)	18-28S- 7W	200	134,591	375,967	2,510
Reida ('55)	18-30S- 6W	300	356,194	356,194	2,908
			"Reida South"		3,990
Settle ('56)	18-29S- 7W	600	305,601	1,837,426	
Spivey-Grabs-Basil ('49)*	13-31S- 9W	16,500	6,000,000 est	182,895,628	4,110
Also in Harper County			15,571,656	266 est	
			4,949,198	160	3,876
			160,015	69	4,205
Varner ('64)	8-27S- 6W		no report	"Zenda"	
Willowdale ('54)	14-29S- 9W		no report	none	3,744
Miscellaneous		280	200,000 est	none	2,391
Total Kingman County		20,760	28,603,275 est	205,704,415	

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and county	Location of dis- covery well	Area, acres	Gas production, Mc cu ft (at base of 14.65 p.s.i.)		No. wells	Producing zone	
			During 1965	Total of 1965		Name	Depth, ft.
KIOWA COUNTY							
Alford ('44)	14-30S-19W	500	959,623	959,623	4	Spergen	5,040
Alford West ('65)	15-30S-19W		no report	none		Mississippian	5,057
Conklin Estate ('64)	22-29S-17W		no report	none		Mississippian	4,624
Einsel ('62)	36-27S-19W	250	50,073	50,073	2	Mississippian	4,796
Fralick South ('62)	26-27S-20W		no report	none		Mississippian	4,870
Fralick West ('61)	16-27S-20W		no report	none		Mississippian	4,868
Fruit ('60)	28-27S-16W	400	128,764	864,717	3	Mississippian	4,621
Glick ('57)*	31-30S-16W	10,900	8,447,767	42,873,248	23	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	87,401	638,856	2	Mississippian	4,804
Haviland ('55)	17-28S-16W	80	62,339	533,606	1	Kinderhookian	4,761
Johansen ('54)	13-28S-19W	Abandoned during 1965		46,214		Mississippian	4,864
Joy Station ('57)	20-28S-19W		no report	77,077		Mississippian	4,920
Kane ('56)	12-30S-18W	80	51,481	51,481	1	Mississippian	4,908
Nichols ('55)*	20-29S-18W	5,500	940,549	21,233,576	8	Mississippian	4,997
			618,617		23		
Lans.-K.C.							
Nichols Northwest ('65)	11-29S-19W		no report	none		Mississippian	4,991
Parkin ('65)	10-30S-18W		no report	none		Mississippian	4,804
Quaker ('61)	10-27S-19W	100	115,058	623,670	2	Mississippian	5,122
Thach ('65)	20-29S-19W		no report	none		Mississippian	4,922
Ursula ('61)	9-29S-18W		no report	none		Mississippian	4,874
Ursula Northeast ('63)	1-29S-18W		no report	none		Mississippian	4,680
Wellsford ('55)	15-28S-16W	150	4,946	1,572,793	1	Marmaton	4,729
Total Kiowa County		18,120	11,466,618	71,542,421	70	Mississippian	

LABETTE COUNTY

Coffeyville-Cherryvale ('02)	32S-17E	Included with Miscellaneous	
Also in Montgomery and Wilson Counties			
Miscellaneous		1,200	30 est
Total Labette County		1,200	30 est

LEAVENWORTH COUNTY

Jarbalo ('43)	8-10S-21E	Abandoned during 1965			1,270
Roberts-Maywood ('30)	11S-22E	Included with Miscellaneous		"McLouth"	400
Also in Wyandotte County				"Knobtown"	
Miscellaneous			68 est		
Total Leavenworth County			<u>68 est</u>		

LINN COUNTY

LaCygne-Cadmus	20S-24E	Included with Miscellaneous			
Miscellaneous			30 est		
Total Linn County			<u>30 est</u>		

McPHERSON COUNTY

Bitikofer	20S- 1W	no report		"Chat"	2,897
Coons ('40)	13-19S- 1W	no report			3,068
Elyria ('58)	22-20S- 3W	2,985	162,729	1 Mississippi	2,955
Graber North ('51)	4-21S- 1W	no report	none	Mississippi	
Jenday ('44)	1-19S- 2W	Included with Ritz-Canton			
McPherson ('26)	29-18S- 2W	80 13,934		1 Laus.-K.C.	2,340
				"Chat"	2,967
				Viola	3,140
Ritz-Canton ('29)	12-20S- 2W	1,200 437,018		11 "Chat"	2,935
Spring Valley ('65)	21-20S- 1W	Combined into Ritz-Canton		Mississippi	2,947
Voshell ('29)	33-20S- 3W	no report			
Welch-Bornholdt ('24)	35-20S- 6W	60 900	9,834	1 Mississippi	
Also in Rice County					
Total McPherson County		<u>1,390</u>	<u>454,837</u>	<u>14</u>	

MARION COUNTY

French Creek ('55)	22-19S- 2E	100 98,430	459,723	2 Simpson	
Hillsboro ('58)	7-19S- 3E	no report	3,461	Mississippi	
Hillsboro West ('64)	11-19S- 2E	Included with French Creek		Mississippi	2,512
Lehigh ('46)	27-19S- 1E	no report	none	Mississippi	2,770
Lehigh North ('53)	23-19S- 1E	60 14,538	"Lehigh"	1 Mississippi	2,770
Lost Springs ('26)	22-17S- 4E	5,600 1,444,872		116	
		2,100,953 "Antelope East"		29 Mississippi	2,350
		202,542 "Dobbs"		10	

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of the recovery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		No. wells	Name	Producing zone	Depth, ft
			During 1965	Total of 1965				
MARION COUNTY (concl.)								
Ratzlaff ('60)	8-19S- 2E		no report	15,643		Mississippian	2,691	
Stenzel ('61)	12-20S- 3E		no report			Mississippian	2,340	
Miscellaneous		600	80,000 est		15 est			
Total Marion County		6,360	3,941,335 est		173 est			
MEADE COUNTY								
Adams Ranch ('45)	8-35S-30W	5,000	1,066,892	11,029,226	20	Toronto Morrowan	4,402 5,708	
Angell ('56)	30-32S-29W	200	94,491	1,233,354	4	Mississippian	5,850	
Barragsee ('59)*	25-34S-28W	100	86,350	660,316	1	Morrowan	5,608	
Bond ('54)	32-33S-30W	250	333	723,175	2	Council Grove	3,066	
Borchers ('59)	21-33S-28W	3,000	4,978,605	17,101,813	17	Mississippian	5,860	
Borchers North ('59)	5-33S-28W		Included with Borchers			Morrowan	5,719	
						Marmaton	5,082	
						Morrowan	5,544	
						Mississippian	5,484	
Borchers Northwest ('59)*	1-33S-29W	1,000	814,817	2,465,995	5	Morrowan	5,612	
Bruno Northeast ('53)	16-33S-30W		no report	none		Morrowan	5,721	
Cherry ('64)	3-31S-26W		no report	none		Lansing	4,496	
Cimarron Bend ('59)	1-35S-29W	550	543,601	2,960,532	3	Kansas City Mississippian	4,889 6,076	
Crooked Creek ('63)	8-35S-26W		Included with Fincham*			Morrowan	5,938	
Fincham ('56)*	14-35S-27W	1,600	556,519	3,376,699	6	Mississippian	6,275	
Hockett ('57)	8-31S-29W	800	100,159	1,211,645	4	Morrowan	5,390	
Horace ('56)	9-34S-29W	1,000	316,377	1,130,761	.5	Mississippian	5,430	
Horace South ('59)	26-34S-29W	100	19,544	281,755	1	Morrowan	5,815	
						Council Grove	3,228	
Kismet ('48)	23-33S-31W	9,000	2,286,564	9,608,794	19	Toronto	4,390	
Also in Seward County						Morrowan	5,645	
McKinney ('50)*	2-34S-26W	13,900	3,951,038	53,653,053	56	Mississippian	5,762	
Also in Clark County								
Meierdierks ('64)	27-34S-28W		no report	none		Council Grove	3,084	
Meyers ('63)	8-35S-27W		Included with Fincham*			Council Grove	3,045	
Mohler ('57)	35-33S-29W		Included with Singley			Morrowan	5,769	
Mohler Northeast ('58)*	36-33S-29W	800	339,460	3,116,885	3	Morrowan	5,690	
Novinger ('51)	26-33S-30W		Included with Novinger	Northwest				

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of discovery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		No. wells	Name	Producing zone
			During 1965	To end of 1965			
MORTON COUNTY (concl.)							
Boehm ('51)	14-33S-42W	1,800	528,872	11,461,168	4	Morrowan	4,872
Cimarron Valley Southwest ('65)	19-33S-40W		no report	none			
Elkhart ('55)	11-35S-43W	2,500	1,060,558	4,402,596	5	Morrowan	4,558
Elkhart West ('57)	17-35S-43W	Included with Elkhart				Morrowan	4,299
Greenwood Gas Area ('51)*	14-33S-42W	214,000	37,918,489	460,172,618	269	Wabaunsee	2,777
						Shawnee	3,069
						Lans.-K.C.	3,534
Hugoton Gas Area ('30)*	24-34S-40W	203,000	38,513,981	513,569,990	305	Chase Group	2,200
Also in Finney, Grant, Hamilton, Haskell, Kearny, Seward, Stanton, and Stevens Counties	29-34S-43W	12,000	39,999	10,426,431			
Interstate ('54)			2,152,108			"Red Cave"	1,184
Kinsler ('59)*	33-31S-40W	9,000	88,200	27,047,105	19	Morrowan	4,123
			957,936	"Kinsler E"*	4	Marmaton	4,336
			1,155,677	"Kinsler W"*	14	Morrowan	5,176
			662,502	"Kinsler W"*	6	Morrowan	5,176
			84,442		1	Morrowan	5,176
Panoma Gas Area ('56)*	12-31S-38W	Included with Stevens County			2	St. Louis	5,464
Also in Grant, Hamilton, Kearny, Stanton, and Stevens Counties						Council Grove	2,843
Patsy ('57)	16-31S-41W	2,000	366,354	2,255,653	7	Morrowan	5,362
Richfield ('48)*	17-32S-40W	7,000	2,800,852	34,994,192	12	Atokan	4,990
Richfield West ('61)	2-32S-42W	3,000	989,598	3,872,909	10	Morrowan "G"	4,744
			"Richfield N"			"Keyes"	4,974
Rolla ('59)	22-34S-40W	640	38,945	173,815	1	Lansing	5,051
						Morrowan	4,249
Sparks ('54)*	34-30S-42W	6,000	2,998,854	19,113,024	9	Wabaunsee	2,853
Also in Stanton County						"Keyes"	5,254
Taloga ('55)	34-34S-42W	3,600	1,281,973	33,854,162	22	Cherokee	3,894
"C"*			416,901		22	Morrowan	4,428
"G"*			29,624		1		
"Keyes"*			350,806		1		
Taloga Northeast ('57)	19-34S-41W		no report	341,651	4	Cherokee	4,397
Wilburton ('59)*	32-34S-41W	5,000	1,811,255	6,028,992	22	Morrowan	4,694
						Topeka	3,080
Total Morton County		470,440	94,284,427	1,120,092,969	734	Morrowan	4,808

NEOSHO COUNTY

Humboldt-Chanute Also in Allen, Wilson, and Woodson Counties Leanna Miscellaneous Total Neosho County	Included with Miscellaneous	
	Included with Miscellaneous	
	2,400	60 est
	2,400	60 est

PAWNEE COUNTY					
Benson ('45)	1,000	1,277,791	10	Wabaunsee	
Bow ('58)				Arbuckle	4,048
Burdett ('64)				Mississippian	4,305
Carpenter North ('65)				Conglomerate	4,180
Carpenter Southeast ('59)	100	46,363	1	Mississippian	4,210
Also in Edwards County		"Carpenter"			
Eddy ('63)	160	97,268	2	Penn. congl.	
Evers ('51)				Arbuckle	3,908
Garfield ('54)	200	89,624	2	Penn. congl.	4,152
Hearn (Abd.) ('53)	100	34,963	1	Lans.-K.C.	3,628
				Simpson	4,067
Larned ('49)				Arbuckle	3,877
Pawnee Rock ('36)				Arbuckle	3,832
Also in Barton County					
Ryan ('45)				Reagan	3,507
Also in Rush County					
Ryan Southeast ('45)					
Shady ('45)	300	210,570	3	Arbuckle	3,920
				Viola	4,063
		5,980,300		Arbuckle	4,043
Shady North ('55)				Arbuckle	4,094
Shady Southwest ('53)				Penn. congl.	4,112
Snowberger ('57)					
Sweeney ('53)	900	87,698	7	Penn. congl.	3,727
				Arbuckle	3,792
Total Pawnee County	2,760	1,844,277	26		

PRATT COUNTY					
Brehm ('61)	400	334,307	5	Lans.-K.C.	3,848
Carver-Robbins ('55)	2,000	1,157,961	24	Penn. congl.	4,472
				Mississippian	4,509

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		No. wells	Name	Producing zone	Depth ft
			During 1965	To end of 1965				
PRATT COUNTY (concl.)								
Chance ('46)	4-27S-13W		no report			Mississippian		
Chitwood ('43)	23-28S-12W	100	27,097	10,122,239	1	Viola	Mississippian	4,340
Clara ('44)	2-30S-14W		no report			Marmaton		4,381
Also in Barber County						Simpson		4,435
						Viola		4,509
						Arbuckle		4,540
Cullison ('56)	25-28S-15W		Included with Carver-Robbins			Mississippian		4,543
Cullison West ('61)	12-28S-15W		no report	none		Cherokee		1,993
Cunningham ('31)	7-28S-11W		no report			Permian		2,969
Also in Kingman County						Wabaunsee		
						Lans.-K.C.		
						Viola		4,278
						Arbuckle		4,094
Frisbie Northeast ('54)	4-26S-13W		no report			Mississippian		
Gereke North ('61)	1-26S-15W	200	240,809	1,142,776	2	Lans.-K.C.		3,798
			"Gereke"			Mississippian		4,251
Gereke West ('63)	11-26S-15W		no report	none		Mississippian		4,244
Hopewell ('58)	17-26S-15W	100	61,421	666,576	1	Lans.-K.C.		3,887
			"Hopewell S"*					
Iuka-Carmi ('42)*	29-26S-12W	3,600	480,536	6,307,602	10	Council Grove		2,388
						Viola		4,122
Jem ('61)	28-29S-13W		no report	none		Viola		4,478
Lunt ('64)	33-27S-12W		no report	none		Simpson		4,351
Pratt Airport ('63)	8-27S-13W		no report	none		Simpson		4,410
Sawyer ('57)	26-29S-13W	300	124,152	2,197,181	3	Viola		4,376
						Simpson		4,608
Shriver ('49)	27-29S-14W		no report	104,191				
Tatlock Southwest ('58)	30-26S-15W	800	187,421	1,415,421	8	Kinderhookian		4,376
Total Pratt County		7,500	2,613,704	35,962,906	54			
RENO COUNTY								
Arlington ('64)	23-25S- 8W		no report	none		Mississippian		3,750
Burrton ('30)	23-23S- 4W		Included with Harvey County			Mississippian		3,298
Also in Harvey County								
Friendship ('41)*	30-25S- 4W	100	252,387	1,563,655	3	Mississippian		
Hilger	22-25S- 4W		no report					

Huntsville ('62)	20-23S- 9W	no report	none	Mississippian	3,656
Huntsville Township ('62)	8-23S- 9W	no report	none	Mississippian	3,573
Leado ('37)	10-26S- 9W	3,000 1,866,149	27,222,268	Mississippian	3,925
Plevna ('59)	15-24S- 9W	no report	none	Viola	4,128
Zenith-Peace Creek ('37)	23-24S-11W	no report	none	Mississippian	3,765
Also in Stafford County				Viola	3,860
Total Reno County		3,100 2,118,536	29,059,058		50
RICE COUNTY					
Babcock ('64)	13-20S- 9W	Combined into Lyons West*		Kinderhookian	3,224
Bredfelt ('48)	7-18S- 9W	no report	165,890	Arbuckle	3,226
Calf Creek ('57)	33-18S-10W	no report	84,826	Laus.-K.C.	3,006
Canzoneri ('65)	10-21S- 9W	no report	none	Mississippian	3,273
Chase-Silica ('36)	6-19S- 9W	180 93,876	2,413,072	Arbuckle	3,192
Also in Barton and Stafford Counties		Includes Barton County			
Dymond ('61)	13-21S- 8W	no report	5,928	Mississippian	3,362
Fitzpatrick ('64)*	30-21S- 8W	900 587,771	687,738	Penn. congl.	3,310
Geneseo-Edwards ('34)	25-18S- 8W	100 31,981			1
Also in Ellsworth County					
Humphreys ('56)	3-21S- 8W	160 2,271	782,940	Penn. congl.	3,272
Kepley ('63)	6-19S- 7W	no report	none	Mississippian	3,278
Lyons Southwest ('55)	22-20S- 8W	200 72,013	"Lyons"	Kinderhookian	3,300
				Penn. congl.	3,251
				Simpson	3,280
				Arbuckle	3,300
Lyons Township ('64)	34-19S- 8W	no report	none	Chase Group	
Lyons West ('63)*	31-19S- 8W	4,500 455,364	820,489	Kinderhookian	3,286
McClintock ('62)*	18-21S- 8W	no report	123,528	"Misenner"	3,280
Munyon ('50)	34-18S-10W	50 33,667		Arbuckle	
Orth ('33)	27-18S-10W	no report			1
Sterling ('51)	4-22S- 8W	no report	175,890	Laus.-K.C.	2,906
Union ('50)	28-20S- 8W	Included with Lyons Southwest		Mississippian	3,385
Union East	27-20S- 8W	Included with Lyons Southwest		Penn. congl.	3,275
Total Rice County		6,090 1,276,943	39,183,648		92
RUSH COUNTY					
Basgall ('60)	5-16S-17W	Combined into Reichel		Shawnee	
				Arbuckle	3,520

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Gas production, M cu ft (at base of 14.65 psia.)	No. wells	Name	Producing zone	Depth, ft
			During 1965	To end of 1965			
RUSH COUNTY (concl.)							
Otis-Albert ('30) Also in Barton County	11-18S-16W	100	62,966	2	Neva		
Reichel ('53)	23-17S-17W	17,000	1,745,586	50	Reagan Topeka Lans.-K.C. Granite Wash Shawnee Reagan		3,006 3,480 3,578 2,991 3,507
Reichel East ('64) Ryan ('45) Also in Pawnee County Total Rush County	34-17S-16W 35-19S-16W	Included with Reichel no report	no report	—			52
		17,100	1,808,552				
RUSSELL COUNTY							
Beisel ('58) Claussen West Driscoll ('56) Dubuque ('35) Gorham ('36) Hall-Gurney ('31) Heim Northeast ('57) Mahoney ('60) Russell ('46) Trapp ('36) Total Russell County	15-14S-12W 19-15S-11W 34-15S-12W 20-14S-14W 30-14S-13W 14-14S-12W 8-14S-12W 34-13S-14W 9-15S-13W	no report no report 120 60 580 60 60 80 80 1,040	no report 31,693 Included with Hall-Gurney 12,151 212,421 8,926 14,215 85,060 4,561 369,027	none 159,104 3 1 11 1 1 2 21	Lans.-K.C. Fort Riley Tarkio Wabaunsee		3,059 1,530 2,368
SCOTT COUNTY							
Hugoton North ('61) Keystone ('50) Total Scott County	25-19S-33W 25-18S-32W	240 240	209,797 no report 209,797	3 — 3	Chase Group Chase Group		2,600
SEDGWICK COUNTY							
Bartholomew ('46) Also in Kingman County	30-27S- 4W	Included with Miscellaneous			Kansas City Mississippian		3,270 3,732

Gladys South ('56)	5-29S-1E	no report	74,499	Mississippi	3,194
Schulte ('49)	7-28S-1W	no report	1,287,655	Mississippi	3,349
Miscellaneous		600	80,000 est		
Total Sedgwick County		600	80,000 est	15 est	
			1,583,634 est	15 est	
SEWARD COUNTY					
Adamson ('58)	11-34S-34W	1,500	289,282	1,353,023	
Arkalon ('60)*	36-33S-32W	9,600	1,193,364	3,252,221	3
Arkalon West ('63)	29-33S-32W	1,000	300,826	969,904	16
Blue Bell Northwest ('54)	20-34S-31W		no report	"Arkalon E"	3
Condit ('62)	8-34S-32W		Combined into Evalyn-Condit*		
Evalyn ('60)	15-33S-33W		Combined into Evalyn-Condit*		
Evalyn-Condit ('60)*	15-33S-33W	4,800	2,471,258	7,181,744	15
Hawks ('52)	18-35S-31W		no report		
Holt ('54)	28-32S-34W	800	91,903	3,457,675	3
Hugoton Gas Area ('22)*	3-35S-34W	234,000	18,459,943	379,455,586	342
Also in Finney, Grant, Hamilton, Kearny, Morton, Stanton, and Stevens Counties					
Iris ('62)	11-34S-31W	600	12,813	12,813	1
Kismet ('48)	23-33S-31W		Included with Meade County		
Also in Meade County					
Kneeland ('51)	14-34S-31W		no report		
Liberal-Light ('51)	11-35S-32W	2,800	422,945	30,628,855	11
Liberal Southeast ('47)	15-35S-33W	1,200	885,980	27,827,065	8
March ('63)	7-33S-33W		Combined into Evalyn-Condit*		
Massoni ('55)	5-33S-31W	1,400	501,721	3,230,036	7
Plains ('56)	17-32S-30W	200	2,198	23,261	1
Also in Meade County					
Plains West ('56)	16-32S-31W		no report	205,084	
Salley ('58)	16-34S-33W	1,200	201,152	1,035,848	3
Shuck ('55)	20-33S-34W	2,800	694,860	2,151,398	7
Thirty-One ('53)	18-31S-31W	400	104,179	1,700,873	1
Thirty-Two ('60)	1-32S-32W	400	26,268	141,759	1
Thirty-Three ('60)	33-33S-33W		Combined into Evalyn-Condit*		

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

TABLE 28.—Gas production in Kansas during 1965 (continued).

Field name and year of discovery	Location of dis- covery well	Area, acres	Gas production, Mcu ft (at base of 14.65 psia.)		No. wells	Name	Producing zone	Depth ft
			During 1965	To end of 1965				
SEWARD COUNTY (concl.)								
Three Star ('58)	17-35S-32W	3,000	444,349	2,272,987	10	Lans.-K.C. Morrowan	4,546	5,866
Wide Awake ('54)	4-35S-34W	1,000	525,503	3,019,827	6	Chesteran Toronto	6,089	4,410
Total Seward County		266,700	26,628,544	467,956,978	438	Mississippian	6,168	
STAFFORD COUNTY								
Bradbridge ('48) Also in Edwards County	6-24S-15W		no report	none		Arbuckle	4,020	
Bunyan ('65)	18-25S-12W		no report	none		Lans.-K.C.	3,596	
Childs ('59)	17-25S-15W		no report	84,892		Mississippian	4,231	
Dillwin West ('60)	18-24S-14W	300	160,571 "Dillwin"	1,163,188	3	Penn. congl. Mississippian	4,118	4,097
Emerson South ('62)	32-25S-14W		no report					
Emerson West ('63)	30-25S-14W	160	262,479	517,127	4	Mississippian	4,221	
Farmington ('48)	27-24S-15W	600	349,547		7	Mississippian	4,207	
Farmington North ('56)	23-24S-15W		Included with Farmington			Kinderhookian	4,120	
Farmington Northeast ('55)	35-24S-15W		Included with Farmington			Mississippian	4,168	
Farmington Northwest ('56)	30-24S-15W		Included with Farmington			Kinderhookian	4,272	
Farmington West ('52)	6-25S-15W		Included with Farmington			"Penn. sand" Mississippian	4,164	
Gates ('50)	26-21S-13W	200	3,414	910,488	2	Lans.-K.C.	3,473	
Grunder ('58)	11-25S-15W		Included with Haynes			Mississippian	4,173	
Haynes ('59)	22-25S-15W	600	299,589	2,574,093	7	Lansing Cherokee	3,915	4,254
Haynes Southwest ('59)	27-25S-15W		Included with Haynes					
Kennil ('54)	4-23S-13W	80	514		1	Lansing	3,576	
Koelsch Southeast ('52)	25-24S-14W	80	8,813	"Koelsch SW"	1		4,020	
Macksville ('60)	3-24S-15W	660	863,038	3,791,562	12	Viola Arbuckle	4,110	4,058
Macksville East ('54)	12-24S-15W		no report	none		Simpson	4,058	
Moody ('56)	7-25S-14W		Included with Emerson West			Mississippian		
O'Connor ('47)	16-24S-15W		Included with Macksville			Arbuckle		
Oscar North ('51)	14-22S-14W	160	28,434	"Oscar"	2		4,061	
Praeger ('59)	36-24S-15W	80	21,836		1			
Pundsack ('47)	19-21S-13W		no report	none		Lans.-K.C.	3,356	

Rattlesnake ('38)	13-24S-14W	160	49,777	2	Lans.-K.C.	3,880
Rattlesnake East ('56)	7-24S-13W		no report		Mississippian	
Rattlesnake North ('59)	2-24S-14W		no report		Mississippian	3,908
Rattlesnake Southeast ('54)	28-24S-13W		Included with Rattlesnake			
St. John Northwest ('52)	20-23S-13W		no report			
Saterlee ('54)	31-24S-14W	40	50,816	1		
Seevers ('54)	6-23S-13W	500	76,413	11		
Seevers Northwest ('56)	6-23S-13W		Included with Seevers		Mississippian	
Snider ('36)	3-21S-11W	40	11,374	1	Lans.-K.C.	3,450
Soden ('64)	23-23S-13W	40	9,993	1	Lansing	4,069
Van Lieu ('43)	20-24S-13W	40	37,924	1	Arbuckle	4,324
Wil ('57)*	26-25S-16W		Included with Edwards County		Kinderhookian	
Also in Edwards County						
Zenith-Peace Creek ('37)	23-24S-11W		no report		Viola	3,860
Also in Reno County						
Total Stafford County		3,740	2,234,532	57		

STANTON COUNTY

Beauchamp East ('59)	24-30S-41W		no report		Morrowan	5,018
Hugoton Gas Area ('44)*	32-30S-39W	151,000	29,398,557	233	Chase Group	2,200
Also in Finney, Grant, Hamilton, Haskell, Kearny, Morton, and Stevens Counties						
Nich ('61)*	15-30S-39W	360	76,236	3	Morrowan	5,630
Panoma Gas Area ('56)*	12-31S-38W		Included with Grant County		Council Grove	2,843
Also in Grant, Hamilton, Kearny, Morton, and Stevens Counties						
Sand Arroya ('61)	17-29S-39W		no report		Morrowan	5,476
Sparks ('54)*	34-30S-42W	2,500	1,752,579	11	Morrowan	5,254
Also in Morton County						
Sparks East ('57)	29-30S-41W		Included with Sparks*		Morrowan	5,152
Sparks West ('58)	26-30S-43W	160	116,914	2	Morrowan	5,260
Total Stanton County		154,020	31,344,286	249		

STEVENS COUNTY

Center ('60)	26-33S-37W		Included with Walkemeyer		Morrowan	5,800
Cutter ('61)	1-31S-35W	430	790,956	4	Marmaton	4,779
Gooch ('63)	8-35S-35W	900	1,058,207	7	Morrowan	5,313
Hanke ('56)	6-35S-36W		Included with Walkemeyer		Morrowan	5,926
Hugoton Gas Area ('27)*	31-33S-37W	495,000	178,416,967	751	Mississippian	6,355
Also in Finney, Grant, Hamilton, Haskell, Kearny, Morton, Seward, and Stanton Counties					Morrowan	6,267
Kel ('62)	15-34S-38W		no report		Chase Group	2,200
					Council Grove	2,965

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

TABLE 28.—Gas production in Kansas during 1965 (concluded).

Field name and year of discovery	Location of dis- covery well	Area, acres	Gas production, M cu ft (at base of 14.65 psia.)		No. wells	Name	Producing zone	Depth ft
			During 1965	To end of 1965				
STEVENS COUNTY (concl.)								
Panoma Gas Area ('56)* Also in Grant, Hamilton, Kearny, Morton, and Stanton Counties	12-31S-38W	16,000	1,774,836	9,397,479	32	Council Grove		2,843
Perrill ('59)	7-31S-37W	1,800	602,616	3,825,651	3	Morrowan		5,326
			no report	none				
Perrill West ('61)	6-31S-38W		29,813	111,306	1	Morrowan		5,655
Ski ('61)	16-34S-35W	200	6,215	6,215	1	Mississippian		6,180
Voorhees ('64)	13-34S-37W	200	1,373,784	2,621,902	11	St. Louis		6,734
Walkemeyer ('59)	35-33S-36W	7,000	184,053,394	2,678,261,931	810	Morrowan		6,145
Total Stevens County		521,530						
SUMNER COUNTY								
Ashton Southeast ('65)	30-34S-2E		no report	none		Cherokee		3,408
Bitter Creek ('53)	1-35S-1E	120	87,399	87,399	3	Cherokee		3,454
Corastone ('63)	22-31S-3W		no report	none		Wabaunsee		2,070
Fall Creek ('50)	3-35S-3W		no report	749,043	2	Simpson		4,746
Gerberding ('54)	6-34S-4W	200	256,718					
Margaret ('46)	36-32S-2E	800	no report		9			
Murphy ('45)	35S-3E		202,466					
Also in Cowley County								
Padgett ('24)	23-34S-2E	300	87,754	473,661	6	Marmaton		3,187
Wellington ('29)	33-31S-1W		no report			Mississippian		3,474
Miscellaneous		800	80,000 est	221,480	15 est	"Chat"		3,655
Total Sumner County		2,220	714,337 est	2,392,499	35 est			
WALLACE COUNTY								
Sexson ('56)	19-13S-42W		no report	none		Morrowan		5,008
Total Wallace County				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	240 98,039	6
Huffine ('62)	10-28S-13E	Included with Miscellaneous	
Also in Greenwood County			
Neodesha	30S-16E	Included with Miscellaneous and Fredonia	
Also in Montgomery County			
Miscellaneous			68 est
Total Wilson County		2,720 320,000 est	74 est
		2,960 418,039 est	

WOODSON COUNTY

Winterschied	3-24S-15E	Included with Miscellaneous	
Also in Coffey and Greenwood Counties			
Miscellaneous		200 4,000 est	5 est
Total Woodson County		200 4,000 est	5 est

WYANDOTTE COUNTY

Roberts-Maywood ('30)	11S-23E	Included with Leavenworth County	"Peru"
Also in Leavenworth County			"Squirrel"

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

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