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BULLETIN 138

**OIL AND GAS DEVELOPMENTS IN KANSAS
DURING 1958**

By

E. D. GOEBEL, P. L. HILPMAN, AND D. L. BEENE



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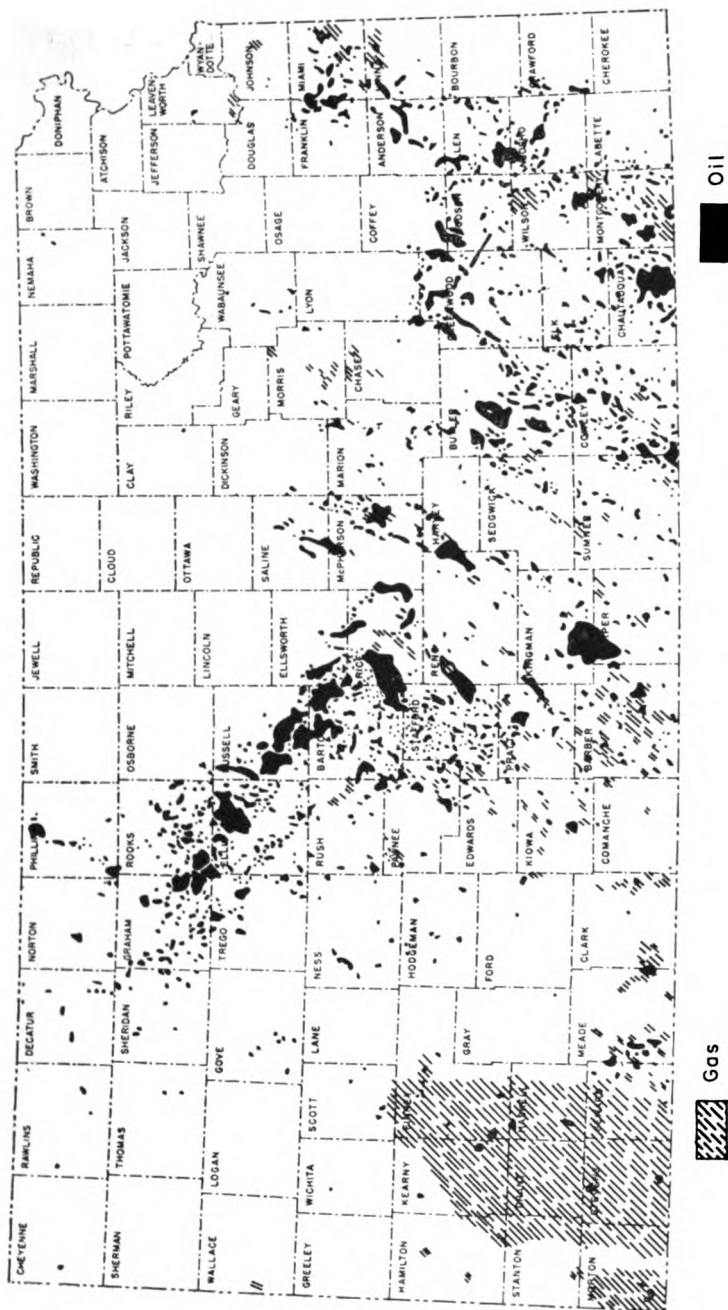


FIG. 1.—Index map of Kansas showing oil and gas producing areas.

OIL AND GAS DEVELOPMENTS IN KANSAS DURING 1958

By

E. D. GOEBEL, P. L. HILPMAN, AND D. L. BEENE

ABSTRACT

Kansas oil production in 1958 totaled 119,942,094 barrels, a decline of 3.3 percent from the previous year. The 1958 output of crude oil decreased in value to \$362,225,124 from \$380,845,912 in the preceding year, because of decreased price and production.

Natural gas production in Kansas totaled 535.9 billion cubic feet (14.65 psia); the Hugoton Gas Area produced 349.3 billion cubic feet, about 65 percent of the total.

During the year, 136 new oil fields, 16 new gas fields, and 5 that were both oil and gas fields were discovered; 8 previously abandoned oil fields and 2 gas fields were revived.

In 1958, a total of 4,190 wells was recorded as drilled in Kansas counties in connection with the petroleum industry. Of the recorded completions, 1,846 were oil wells, 227 were gas wells, 58 were both oil and gas, 1,884 were dry holes, and 175 were salt-water disposal wells or wells used as input wells in secondary recovery operations. Of the 1,884 dry holes, 417 were wildcats. Estimates of wells not specifically reported, but for which drilling permits were issued, bring the total number of wells drilled in the state during the year to 5,569.

As in 1957, Barton County, which produced 11,546,500 barrels, was the leading oil producing county. Ellis and Russell Counties, ranked second and third, produced 11,314,968 barrels and 9,005,985 barrels respectively. The Bemis-Shutts field of Ellis and Rooks Counties was the top-ranking field in the state. The six leading oil fields—Bemis-Shutts, El Dorado, Trapp, Hall-Gurney, Chase-Silica, and Kraft-Prusa—accounted for about 19 percent of the total annual production.

In 1958, Kansas fields produced 225.2 million gallons of natural gas liquids, valued at more than 10.2 million dollars. Proved reserves of natural gas liquids are nearly 200 million barrels.

The proved reserves of Kansas crude oil at the end of the year were 922.4 million barrels, or 2.6 percent less than the previous year's reserves. Proved reserves of natural gas are more than 20.2 trillion cubic feet.

Production from recorded secondary recovery projects in Kansas amounted to 11,580,189 barrels of oil during 1958, but allowance for projects not specifically reporting boosts the total to an estimated 17.1 million barrels. Recorded totals of 5,497 oil wells and 3,586 injection wells were active during the year. Greenwood County, which yielded 5,241,040 barrels, led in the amount of oil produced by secondary recovery methods.

INTRODUCTION

During 1958, production of oil, natural gas, and natural gas liquids declined from that reported the previous year. The value of the crude oil produced during 1958 was less than that reported in 1957, and prices were unsteady during the year. The value of natural gas also was less than in the previous year. Near the end of the year prices for natural gas liquids seemed to be steady at the year's high. During the year, 136 new oil fields, 16 new gas fields, and 5 that were both oil and gas were discovered. Figure 1 is a generalized map of Kansas showing geographic distribution of areas producing oil and gas. There was a marked decline in drilling and exploration activities compared with 1957.

Graham County had the most new fields discovered during the year, 20. Other counties in which several new fields were discovered are Butler, Cowley, and Ellis.

Reserves of crude oil declined, but reserves of natural gas and natural gas liquids each increased about 5 percent during the year.

During 1958, the one percent severance tax in Kansas was ruled unconstitutional.

A condensed petroleum data table (Table 1) shows a comparison of various phases of the industry in Kansas to the United States for 1957 and 1958.

The total value of Kansas raw products of the petroleum industry (crude oil, natural gas, and natural gas liquids) produced in 1958 was nearly 432 million dollars, or 26 million less than the record previous year. Figure 2 shows the relative values of 1958 oil and gas production by county. Of the 105 counties in Kansas, 78 reported oil and gas production during 1958. Because the price of crude oil decreases with decreasing gravity, and different fields have different gravities of oil, value by county is not proportional to production by county.

Barton County continued to be the leading oil producing county in the state. The Bemis-Shutts field of Ellis and Rooks Counties held the top position in oil production for the second consecutive year. Annual oil and gas production since 1890 is shown graphically in Figure 3. Significant discoveries and developments in Kansas by the petroleum industry are indicated.

Important developments in Kansas during 1958.—The most significant event in Kansas during 1958 was the Phillips Pe-

TABLE 1.—Petroleum data and percentage changes for Kansas and United States, 1957-1958

	Kansas figures		Change from previous year, percent	
	1957	1958	Kansas	United States
Crude oil production (barrels)				
Value of crude oil produced	124,054,043 ^a	119,942,094 ^a	-3.3	-7.3
Kansas oil production as percentage of U. S. total	\$380,845,912	\$362,225,124	-4.9	-4.9
Average price of oil	\$3.07	\$3.02	-1.6	-1.6
Rank of Kansas among oil producing states	5th	5th		
Proved reserves of liquid hydrocarbons (at year's end), thousands of barrels	1,136,639 ^b	1,121,986 ^b	-1.3	+2.1
Ratio of proved liquid hydrocarbon reserves to current annual production	9.1:1	8.9:1	-2.2	-2.2
Oil producing area of "western Kansas", acres	887,200 ^c	791,707 ^c	-7.7	-0.15
Natural gas production, M cu. ft.	580,698,954 ^d	535,937,434 ^d	-7.7	-7.7
Value of natural gas produced	\$63,876,885 ^e	\$58,953,118 ^e	-7.7	-7.7
Value of natural gasoline and LPG (natural gas liquids), gallons	223,618,374 ^f	225,176,238	+0.7	+0.7
Proved reserves of natural gas, millions of cubic feet	\$13,256,845 ^f	\$10,286,537 ^f	-22.4	-22.4
Ratio of proved natural gas reserves to current annual production	19,295,978	20,233,847	+4.9	+0.29
Gas producing area of "western Kansas", acres	332:1	38:1	+14.4	+14.4
New oil and gas pools discovered	2,948,430	2,969,250	+0.7	+0.7
Recorded well completions in Kansas	175 ^g	157 ^g		
Oil ^h				
Gas ^h	2,103	1,846		
Oil and gas ^h	339	227		
Dry	67	58		
Salt-water disposal ⁱ	2,049	1,884		
Unrecorded, estimated	129	175		
	1,891 ^j	1,379 ^j		
Total recorded and estimated	6,578	5,569		
Wildcats and discovery wells (included in above total)	660	574		

^a Figures supplied by State Corporation Commission, Conservation Division.^b Figures from American Petroleum Institute and American Gas Association, 1958. Barrels have 42 U. S. gallons and gas is based at 14.65 psia.^c Data at 60° F.^d The petroleum area of "western Kansas" includes all producing counties west of the west line of Cowley, Butler, Marion, and Dickinson Counties.^e Figures supplied by State Corporation Commission, base 14.65 psia.^f The minimum value of 11 cents per M cubic feet of gas at 14.65 psia. has been applied to all Kansas gas production.^g This aggregate figure is based on unit values of the several products that reflect wholesale prices at the plant.^h Omitting revived pools.ⁱ Includes pool wells and new discoveries.^j Includes salt-water disposal and recorded secondary recovery input wells.^k Counties for which number of wells drilled in 1958 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 based on "intent to drill" records^l Revised figure

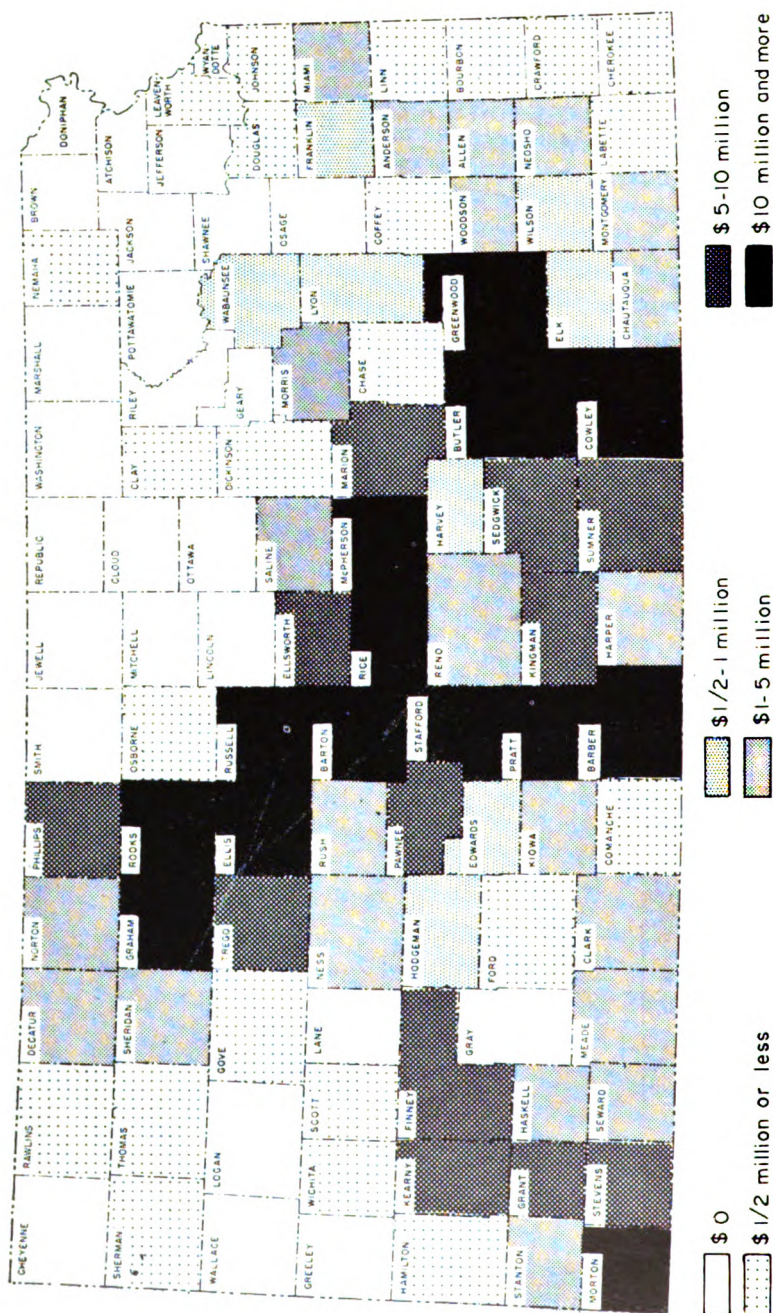


FIG. 2.—Map of Kansas showing relative value of 1958 oil and gas production by county.

troileum Company's discovery of oil in the No. 1 Llanos well in sec. 10, T. 6 S., R. 37 W., Sherman County, Kansas. The opening of the **Llanos** field, 15 miles northeast of Goodland, revitalized exploration in northwestern Kansas. During the first week of May the well flowed 60 barrels per hour from a depth of 4,800 feet. Drill-stem tests recovered commercial amounts of oil from five separate zones in the Lansing-Kansas City, Marmaton, and Cherokee rocks (Pennsylvanian). At the time of discovery the nearest oil production was 31 miles to the north. The Phillips No. 1 Llanos well was given a potential of 319 barrels per day of 23° gravity oil from Cherokee rocks at a depth of 4,804 to 4,812 feet. Official completion date was June 3, 1958. Later in the year the

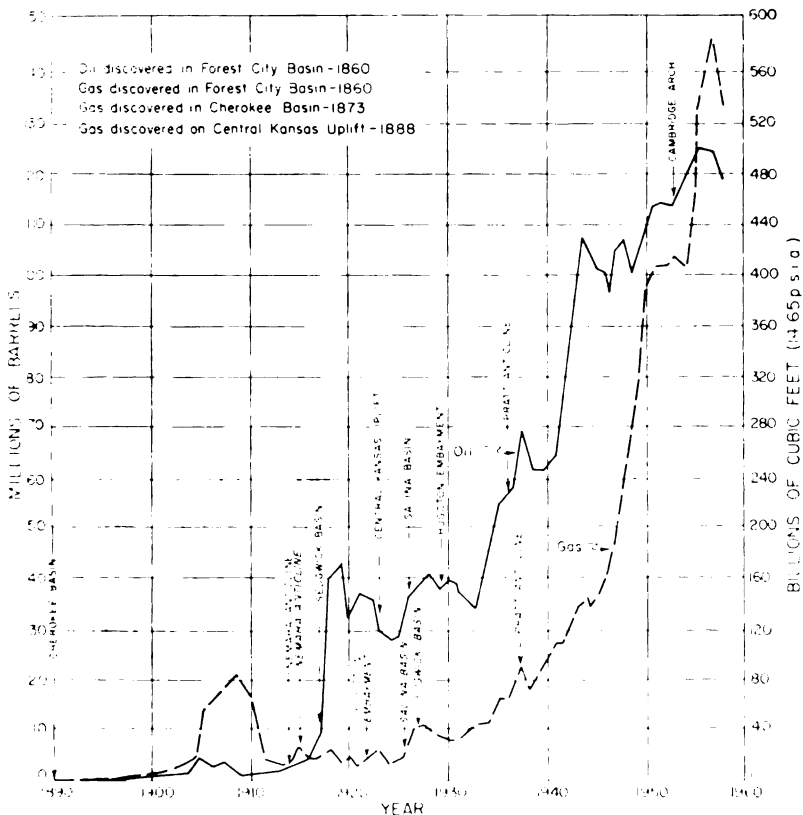


FIG. 3.—Annual oil and gas production in Kansas from 1890 to 1958 and year of discovery of oil or gas in different structural provinces.

Phillips No. 1 Hartley "A" well in sec. 3, T. 6 S., R. 37 W., was completed in Marmaton (Pennsylvanian) rocks for 345 barrels per day from a depth of 4,585 to 4,588 feet and for 289 barrels of oil per day from Lansing-Kansas City rocks from 4,425 to 4,430 feet. Phillips Petroleum Company then offset their Llanos discovery well and recovered commercial quantities of oil from Lansing-Kansas City rocks at a depth of about 4,500 feet.

The No. 1 Bowles well drilled by Jackson, Shear, and Parker in sec. 24, T. 4 S., R. 34 W., Rawlins County, recovered 468 feet of high-gravity oil in a one-hour drill-stem test from Marmaton rocks at a depth of 4,419 to 4,444 feet. Pipe was set at 4,498 feet, and the potential assigned to the discovery well by the state was 115 barrels of oil per day from Marmaton rocks at a depth of 4,430 to 4,436 feet. Late in 1958 the field was named **Sappa Creek**.

The R. G. Lawton No. 1 Rueb well, in sec. 13, T. 3 S., R. 42 W., opened the first commercial production (**Rueb** field) for Cheyenne County about 30 miles from the nearest production and about 9 miles west of St. Francis. Oil was recovered in a test from a depth of 4,524 to 4,566 feet. The **Judy** field had been named in 1951, but no production has been reported, although initial daily potential of 60 barrels of oil from Lansing-Kansas City strata (4,537-4,542 feet) was assigned.

During 1958, exploration companies took a look beneath the huge **Hugoton Gas Area** in southwestern Kansas and found some pleasant surprises in new production from the deeper rocks.

The Council Grove Group (Permian), next below the Chase Group, which produce gas in the **Hugoton Gas Area**, was named as the producing zone of a new gas reservoir after the discovery in January by the Hugoton Production Company No. 2-33 Hindmarsh well in sec. 33, T. 29 S., R. 37 W., Grant County. The pool was named **Panoma North**. An initial potential of 2,431,000 cubic feet of gas per day was assigned the discovery well. In Haskell County, Morrowan rocks were named a new oil producing zone in the **Koenig** field in sec. 12, T. 29 S., R. 34 W., and Mississippian rocks were named as the new producing zone in the **Eubank** and **Eubank South** fields in sec. 28, T. 28 S., R. 34 W., and sec. 8, T. 29 S., R. 34 W., respectively.

Of special interest in Seward County during 1958 was the discovery of Lansing-Kansas City, Morrowan, and Mississippian production in the Shell Oil Company No. 1 Light well in sec. 17,

T. 35 S., R. 32 W. The field was named appropriately the **Three Star** field. Both gas and oil were reported from all three zones. Also in Seward County during 1958, Mississippian oil production was discovered in the **Adamson** field in sec. 11, T. 34 S., R. 34 W., and Toronto (Pennsylvanian) production was discovered in the **Salley** field in sec. 16, T. 34 S., R. 33 W. In Stanton County the discovery well of the **Sparks West** field in sec. 26, T. 30 S., R. 43 W., was assigned an initial gas potential from Morrowan rocks. In Stevens County, another **Hugoton Gas Area** county, production was obtained from the Council Grove Group in the **Panoma Southwest** field in sec. 35, T. 31 S., R. 39 W.

Another very significant event during 1958 was the discovery (in June) by William Gruenerwald and others of the **Ashburn** oil field in sec. 29, T. 14 S., R. 10 E., Wabaunsee County, in the Forest City Basin. The Viola was the producing zone at a depth of 3,255 to 3,262 feet. An initial potential of 98 barrels of oil per day was assigned the discovery well.

Developments in eastern Kansas in 1958 were accentuated by the search for shallow reservoir rocks in which commercial wells could be completed by hydraulic fracturing methods. There was increased drilling also for Mississippian and Arbuckle production in eastern Kansas during 1958.

Tables.—Detailed production tables for both oil and gas are given in this bulletin (Tables 32 and 33). Each includes in alphabetical order all counties in the state that produce oil or gas. In Table 32, the listing for each county shows both current and known cumulative oil production, producing area in acres, name of fields (alphabetically arranged), discovery year, producing zones, average thickness of producing zones, average gravity of oil, reported number of producing wells, and number of producing wells plugged during 1958. Similar gas data are given in Table 33. Where possible, production from different zones has been differentiated, and totals for each county are given. Where oil or gas pools extend across county lines, each county's production has been computed on the basis of individual leases.

Test wells drilled within 1½ miles of producing limits of fields are called "extension wells" and are not shown on the maps. Dry test holes drilled more than 1½ miles from producing wells are classed as "wildcat wells" and are plotted on the maps. Dry wildcat wells completed during 1958 are given in Table 31 by county.

The tops of different stratigraphic units listed in Table 31 were determined from electric or radioactivity logs. If no electric or radioactivity log was available to the Survey for that well an asterisk in front of the well name indicates that various other sources of information were used to determine tops. These include logs of the Kansas Sample Log Service, scout tops reported by the Independent Oil and Gas Service, drillers logs, and other sources within the Survey.

Because the location of pool boundaries is arbitrary, the distinction of a wildcat well may also be somewhat arbitrary, hence, the total number of wildcat wells reported by other sources is likely to differ somewhat.

Only wells drilled to completion in one operation within the year are counted as 1958 completions. Thus, wells worked over, although completed as producing wells, are not counted as 1958 completions. Unless an unproductive well was drilled expressly for salt-water disposal it is classified as a dry hole.

Area of production.—The areas of oil and gas production have been shown as accurately as reasonably possible. Field boundaries have been projected a short distance outside the outermost producing wells where no dry holes limit the field. Undoubtedly, many reservoirs extend beyond the limits indicated; however, future field developments have not been anticipated.

For eastern Kansas counties, only areas that were producing oil during 1958 are indicated (Plate 1; Table 32). The State Geological Survey periodically issues a bulletin on the oil and gas developments in eastern Kansas in which present production is differentiated from former producing areas now abandoned (Jewett, 1954).

Maps.—Figure 1 is an index map of Kansas showing generalized areas of oil and gas production. A larger scale map of Kansas, presented at uniform scale in three parts, shows all presently producing oil and gas areas in the state (Plates 1, 2, and 3), except that no gas producing areas are shown in eastern Kansas. Eastern Kansas, defined as that area east of the Sixth Principal Meridian (except Harvey, Sedgwick, and Sumner Counties), is shown on Plate 1. Plate 2 shows the area west of the Meridian to Range 20 West. The large gas producing area and oil

fields of western Kansas, west of Range 20 West, are shown on Plate 3.

Abandoned and combined fields.—There were 148 fields officially recognized as abandoned in 1958. Data on discovery wells and cumulative production of abandoned fields are included in Table 29. Also during 1958, 34 oil or gas fields were combined with other fields (Table 30). As has been the custom of the Survey, the outline of abandoned fields is omitted from maps in this bulletin.

Well elevations.—Elevations of many wildcat tests in the state are given in tables or in the text and have been taken from scout reports of the Kansas Oil Scouts and Landman's Association.

Acknowledgments.—Jewel M. Ogden, J. P. Roberts, H. A. Beverlin, and Leo Thiessen of the Conservation Division of the State Corporation Commission have long cooperated to the fullest extent with the State Geological Survey. Without their cooperation, this report would not be possible.

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Appreciation is expressed to the Nomenclature Committee of the Kansas Geological Society for supplying their data on the new oil and gas pools discovered during the year and for their area descriptions of existing pools.

Special thanks are due to J. E. Davies of the Kansas Sample Log Service for permission to use data on some rank wildcat tests drilled during the year. We wish to acknowledge also the Independent Oil and Gas Service's scouting service, which has been most helpful.

The Survey is pleased to acknowledge assistance from Vance E. Rowe of Petroleum Statistical Guide, Incorporated, in supplying a part of the crude oil production figures, and from Dwight's Oil and Gas Reports, which made available the production figures for the **Hugoton Gas Area**.

Many persons, including W. L. Stryker, Charles W. Studt, and Harvel White, engaged in various phases of the petroleum industry in Kansas have been generous in providing data that have been used in this report. Thanks are extended to numerous companies and individuals who have contributed information on secondary recovery production and drilling activities connected with secondary recovery for the year. Numerous persons and companies also contributed gas production figures for the year.

EXPLORATION

A summary of drilling activity in Kansas during 1958 is given in Table 25. Comparison of development by county is facilitated by inclusion of statewide data in this single table.

New fields.—During 1958, 136 new oil fields, 16 new gas fields, and 5 that were both oil and gas fields were discovered in Kansas (Table 26). On Plates 1, 2, and 3 these new fields are emphasized by a heavier outline than the older fields. Ten previously abandoned oil or gas fields were revived during the year (Table 27). Of the 167 new and revived named fields, the discovery wells of 11 were carried on the scout reports as dry and abandoned and 1 as temporarily abandoned, 4 fields were combined with other fields, and 6 were abandoned. Two newly named fields, **Rhodes Northeast** (Barber County, gas), and **Elkhart West** (Morton County, gas) had production previous to 1958.

Graham County had the most new discoveries named, 20; Sumner County had 11 fields named; and Butler, Cowley, and Ellis Counties each had 9 new fields named. The number of new oil and gas fields (157) discovered during 1958 is only 25 fewer than the high set in 1953. The total number of Kansas counties that have produced or are producing commercial quantities of oil or gas or both is now 83. Pertinent data on the new pool discoveries are given in Table 26.

Table 28 summarizes new oil and gas zones discovered in established producing fields during 1958; 68 new zones were

named. Also, data similar to those presented for new pool discoveries are given. New oil and gas zone discoveries are significant because the new zone in many fields may be economically more important than the original discovery.

Wells drilled during 1958.—There were 4,190 wells recorded drilled in the state during 1958. It is certain that numerous shallow wells in several eastern Kansas counties were not recorded and thus are not included in the above tabulation. It is estimated from drilling permits and other reliable sources that at least 1,379 such unrecorded wells were drilled in 1958. Of the reported tests, 1,846 produced oil, 227 gas, and 58 oil and gas; 1,884 were dry and abandoned; and 175 were salt-water disposal wells or input wells drilled in connection with secondary recovery operations. New field discoveries and revived fields accounted for 166 of the oil and gas wells; 417 of the dry holes were dry wildcat tests.

Ratio of wildcat to total wells drilled in Kansas was the highest in the nation during 1958. In Kansas, 26.4 percent of all wells drilled were listed as explorational efforts, compared to only 24.4 percent in 1957 (World Oil, 1959a). These figures are based on wildcat wells exclusive of wells drilled in eastern Kansas. Kansas was followed by Illinois, Texas, and California, in each of which more than 20 percent of the wells were classified as wildcat exploratory drilling during 1958. A list of Kansas dry wildcat wells by county is given in Table 31.

In each of eight Kansas counties more than 200 wells were recorded and estimated as drilled in 1958. Allen County led with 380 new wells, followed by Butler (357), Graham (339), Cowley (311), Marion (281), Ellis (254), Greenwood (219), and Barton (206). These eight counties accounted for about 42 percent of the total number of wells drilled in the state during 1958.

A statute requiring drillers to file an "intent-to-drill" application with the State Corporation Commission has facilitated tabulation of new wells, especially in eastern Kansas areas not scouted by the Oil Scouts and Landman's Association. Figure 4 shows the geographic distribution by county of wells tabulated on the basis of applications filed. Table 2 shows by county the number of permits issued during 1958.

Drilling cost and drilling rigs.—The average cost of a dry hole in western Kansas and Oklahoma (depth about 3,300 feet) was

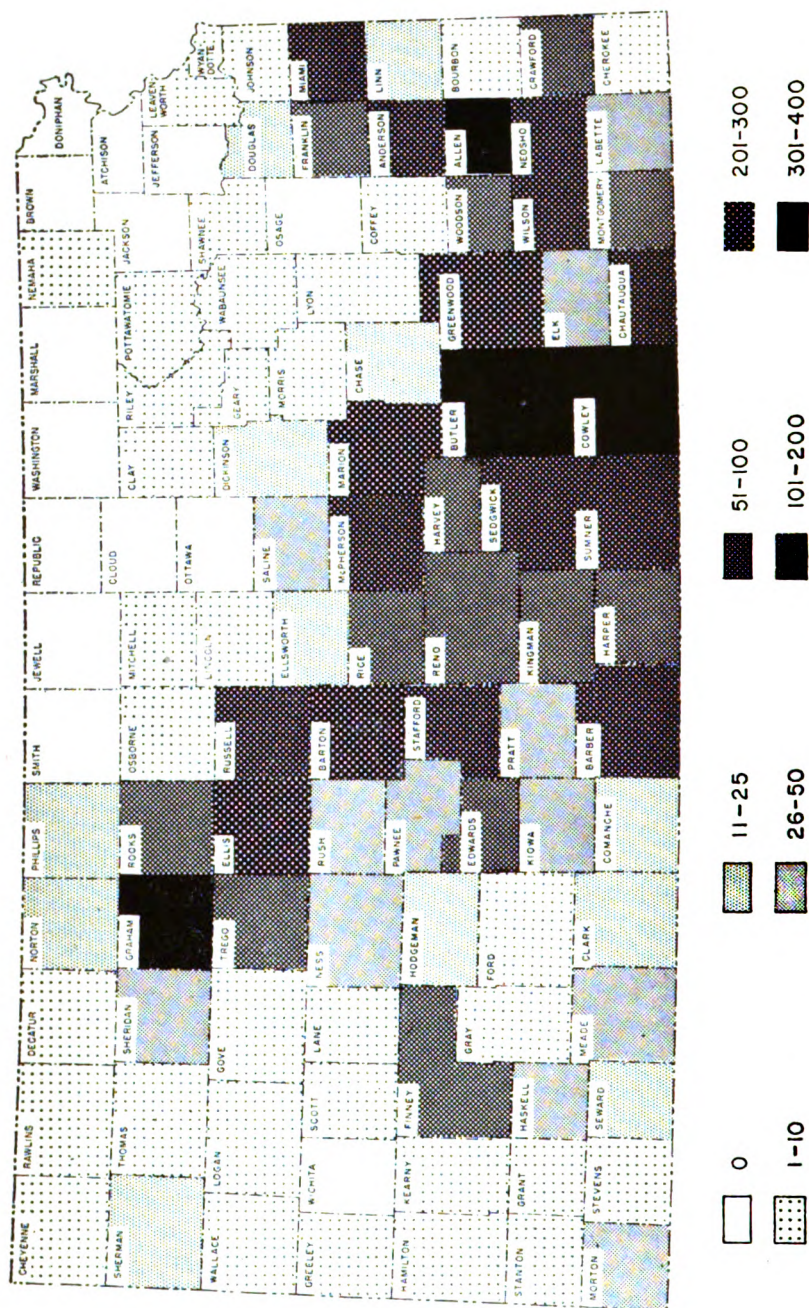


Fig. 4.—Distribution of intent-to-drill permits issued by the State Corporation Commission, 1958.

about \$17,000 in 1942, but by 1957 the average cost for a dry hole (depth about 3,600 feet) was about \$30,000. The cost for a wild-cat, however, has increased more than the average cost for a dry hole, from \$35,000 to almost \$70,000 (Megill, 1958).

In Kansas at the end of 1957 there were 515 rigs reported operating; by the end of 1958 the number had declined to 338, reflecting the general decline in exploration and exploitation by the industry (World Oil, 1959b).

Geophysics.—Although geophysical work has been conducted for many years in Kansas, few results have been published, because the information has potential value to its owner. Most geophysical exploration programs in Kansas presently are directed toward finding new oil and gas reserves. Because expenditures in connection with the exploration program are an essential part

TABLE 2.—Number of intent-to-drill permits issued by the State Corporation Commission in Kansas during 1958, by county.

Allen	380	Greeley	1	Pawnee	27
Anderson	123	Greenwood	228	Phillips	17
Barber	113	Hamilton	1	Pottawatomie	1
Barton	210	Harper	62	Pratt	35
Bourbon	7	Harvey	60	Rawlins	9
Butler	357	Haskell	28	Reno	51
Chase	20	Hodgeman	20	Rice	88
Chautauqua	131	Johnson	4	Riley	2
Cherokee	2	Kearny	2	Rooks	91
Cheyenne	7	Kingman	97	Rush	29
Clark	14	Kiowa	28	Russell	129
Clay	3	Labette	39	Saline	27
Coffey	9	Lane	1	Scott	3
Comanche	15	Leavenworth	1	Sedgwick	104
Cowley	311	Lincoln	2	Seward	24
Crawford	64	Linn	19	Shawnee	1
Decatur	6	Logan	4	Sheridan	43
Dickinson	12	Lyon	3	Sherman	12
Douglas	11	McPherson	130	Stafford	147
Edwards	65	Marion	277	Stanton	9
Elk	37	Meade	48	Stevens	4
Ellis	256	Miami	103	Sumner	129
Ellsworth	19	Mitchell	1	Thomas	9
Finney	60	Montgomery	69	Trego	57
Ford	3	Morris	8	Wabaunsee	9
Franklin	79	Morton	39	Wallace	1
Geary	1	Nemaha	3	Wilson	102
Gove	7	Neosho	192	Woodson	98
Graham	319	Ness	32	Wyandotte	1
Grant	3	Norton	18		
Gray	3	Osborne	5		

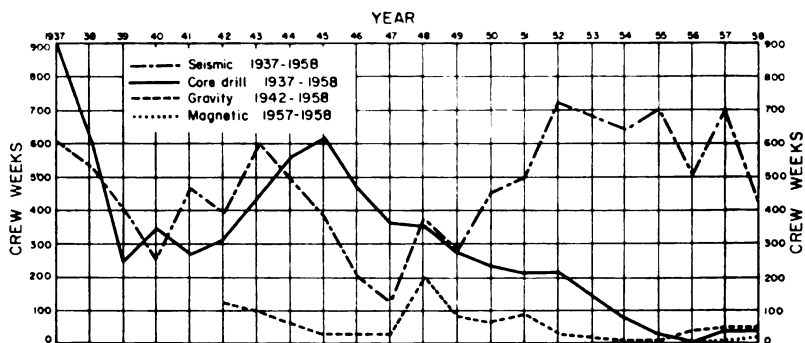


FIG. 5.—Geophysical and core-drill crew weeks recorded in Kansas from 1937 to 1958 (adapted from Merriam and Goebel, 1959a).

of the petroleum industry economy, data concerning the programs in Kansas are pertinent.

The total number of exploration crews in Kansas has increased since 1946 because of the increased number of seismic parties; the number of gravimeter and core-drill crews has decreased. A graph showing the number of crews working in Kansas between 1937 and 1958 (Figure 5) shows the relation of geophysical activity to economic conditions of the country. Exploration was slow prior to World War II but increased rapidly afterward except during a post-war slump between 1947 and 1949. The Korean conflict brought about renewed exploration activity, mainly seismic. The number of seismic, gravity, magnetic, and core-drill crews in Kansas on a monthly basis for 1958 is given in Figure 6. A mid-year slump is indicated.

Seismic exploration has been concentrated mainly in the western part of the state, centering in the area of the Central Kansas Uplift, Pratt Anticline, Sedgwick Basin, and Hugoton Embayment (Figure 7). Some work has been recorded along the Nemaha Anticline. Each year from 1953 to 1957, 19 to 41 percent of the total oil and gas fields discovered in the state have been credited to seismic work (Merriam and Hambleton, 1959).

OIL

Production and value.—The 119,942,094 barrels of oil produced in Kansas during 1958 is 4,111,949 barrels less than the amount produced in 1957. The 4.9 percent decrease in total

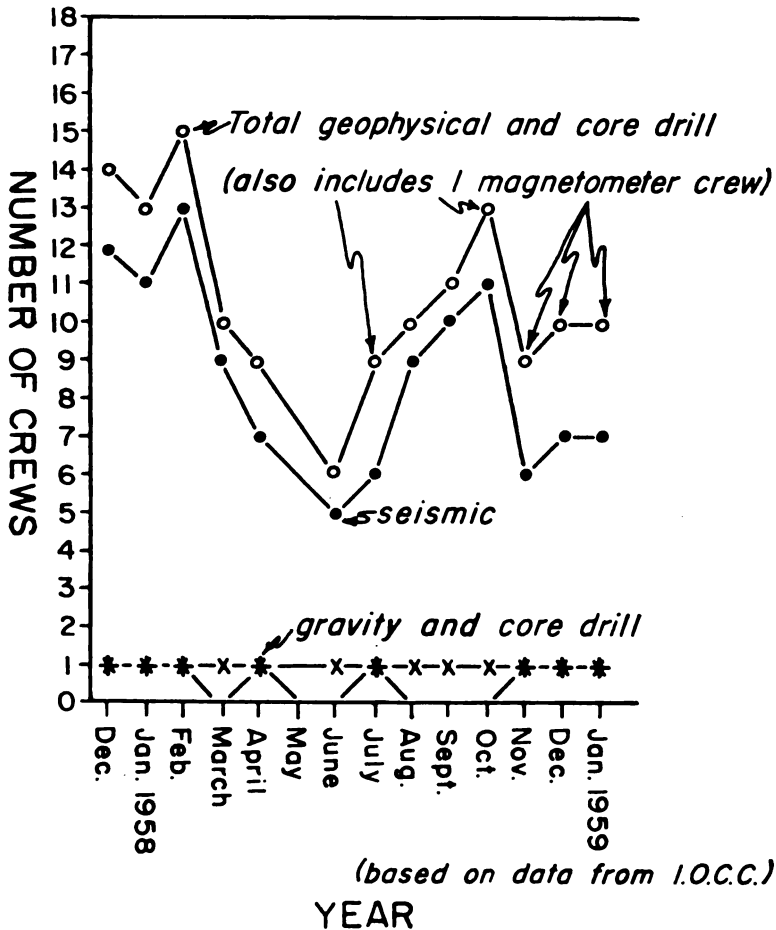
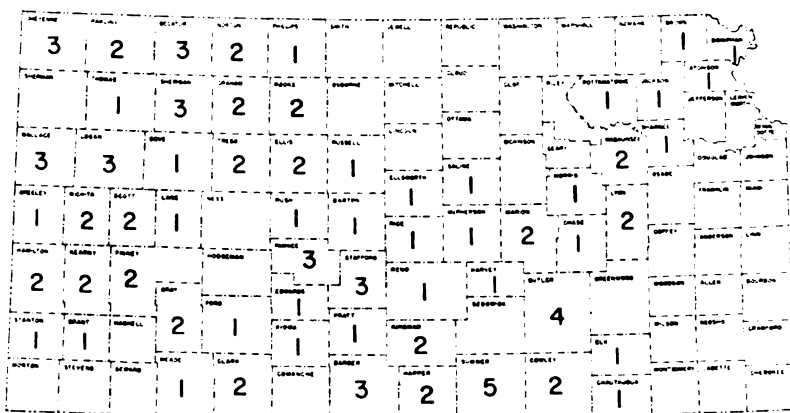


FIG. 6.—Graph showing number of geophysical and core-drill crews operating in Kansas during 1958 (in part from Merriam and Hambleton, 1959).

value of crude oil, from 380.8 to 362.2 million dollars, is due to decrease both in price and production.

The number of counties from which oil production was reported during 1958 is 76. Among the ten leading oil producing counties, only one change was noted; Graham County advanced to 5th during 1958 and Rooks County dropped to 7th (Table 3). Of the ten leading oil producing counties, only Graham and Staf-



ford showed increases in crude oil production during 1958 compared with 1957.

With the addition of Graham County during 1958, Kansas now has 15 counties (Table 4) that have each produced a cumulative quantity of 50,000,000 barrels of oil or more. Of these, Butler County, in eastern Kansas, ranks first, having produced 429,587,-

TABLE 3.—Ten leading oil producing counties in Kansas, 1957 and 1958

County	Production, bbl.		Rank	
	1957	1958	1957	1958
Barton	13,318,331	11,546,500	1	1
Ellis	11,783,161	11,314,968	2	2
Russell	9,300,056	9,005,985	3	3
Butler	8,059,156	7,714,554	4	4
Graham	6,728,517	6,800,352	7	5
Greenwood	6,977,957	6,466,719	6	6
Rooks	7,212,001	6,389,441	5	7
Stafford	5,855,899	5,887,005	8	8
Rice	5,359,253	5,314,385	9	9
Cowley	4,182,037	4,171,897	10	10

001 barrels, considerably more than the 320,785,515 barrels of second-place Barton County. The rank of the counties did not change from 1957.

Distribution of cumulative oil production by producing zones is significant in exploration for additional reservoirs. Figure 8 is a map of Kansas showing percentage of cumulative oil produc-

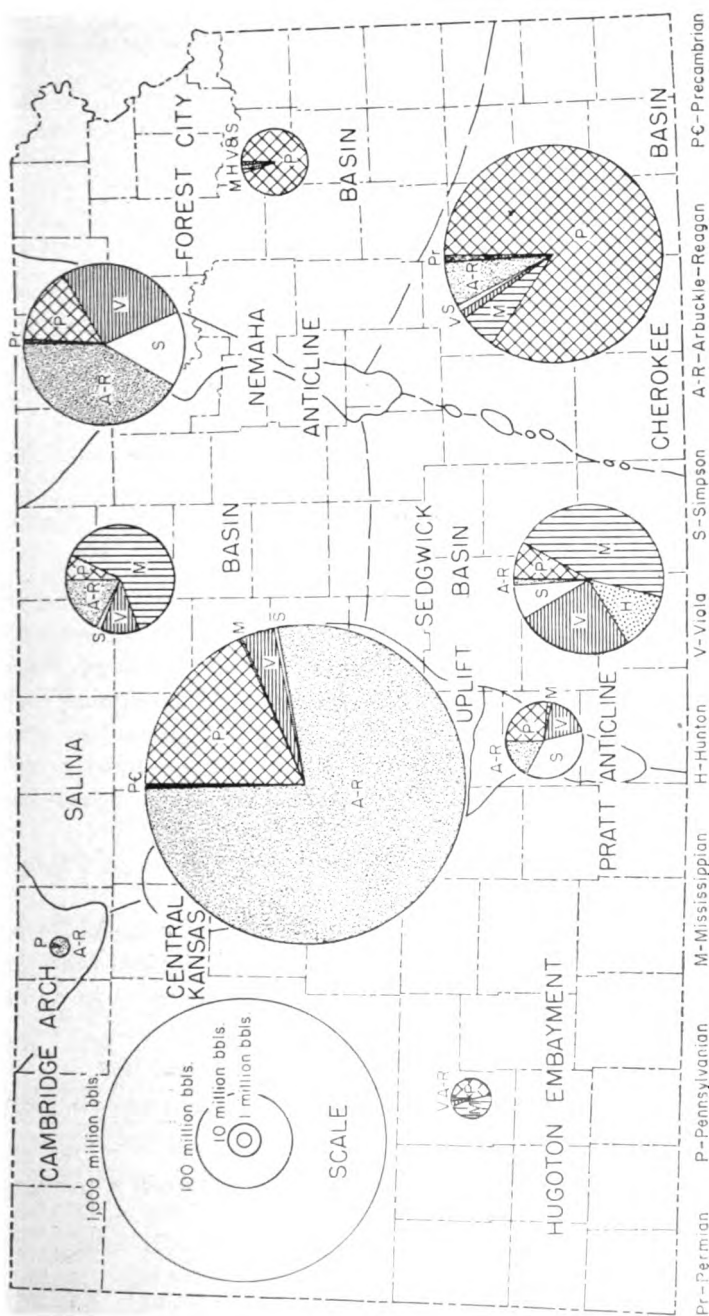


FIG. 8.—Map of Kansas showing percentage of cumulative oil production by producing zones for post-Mississippian structural provinces. (From Merriam and Goebel, 1959).

TABLE 4.—Leading oil producing counties in Kansas based upon reported, estimated, and recorded cumulative production (50 million barrels or more) to the end of 1958

County	Cumulative production, bbl.		Rank
	1957	1958	1957 and 1958
Butler	421,872,447	429,587,001	1
Barton	309,234,420	320,785,515*	2
Russell	288,526,106	297,532,091	3
Greenwood	216,575,650	223,042,369	4
Rice	215,874,697	221,189,082	5
Ellis	204,360,463	215,675,431	6
McPherson	140,584,533	144,568,785*	7
Stafford	126,765,181	132,617,382*	8
Cowley	92,316,235	96,488,132	9
Ellsworth	89,654,208	91,774,706	10
Rooks	74,281,841	80,471,282*	11
Sumner	67,069,889	70,001,482*	12
Sedgwick	64,496,251	67,726,683	13
Reno	61,930,531	62,893,875	14
Graham	43,755,336	50,555,688	15

* Corrected cumulative

tion by producing zones' for each post-Mississippian structural province. Most oil from the Central Kansas Uplift has been produced from pre-Pennsylvanian rocks, whereas most of the oil from the Cherokee Basin has come from post-Mississippian rocks. In the Sedgwick Basin, intermediate between these two structural provinces, Mississippian rocks have been the most prolific. On the Nemaha Anticline the pre-Pennsylvanian rocks have yielded most of the oil.

Statistics on oil production by county are given in Table 25 and Table 33.

Of the six major oil fields listed in Table 5, only the **El Dorado** field in Butler County lies east of the Sixth Principal Meridian. None of the state's leading oil fields had an increase in annual

TABLE 5.—Leading oil fields in Kansas, 1957 and 1958

Rank, 1958	Field	Age, years	County	Annual production, barrels	
				1957	1958
1	Bemis-Shutts	24	Ellis-Rooks	5,922,087	5,062,516
2	El Dorado	43	Butler	4,619,047	4,370,959
3	Trapp	23	Russell-Barton	3,727,771	3,365,762
4	Hall-Gurney	28	Russell-Barton	3,542,500	3,295,576
5	Chase-Silica	28	Rice-Barton-Stafford	4,271,122	3,259,898
6	Kraft-Prusa	22	Barton-Ellsworth	3,436,752	3,092,206

TABLE 6.—Kansas refineries and capacity, 1958

Company and location	Crude capacity		Charge, barrels per stream day						Production, barrels per stream day					
			Catalytic cracking			Hydrogen treating			Alkylation			Polymerization		
	BPCD	BPSD	Vacuum distillate	Thermal operations	Fresh feed	Recycle	Catalytic reforming	Unit	Feed	Alkylation	Polymerization	Lubes	Coke (tons)	Asphalt
American Petroleum Co. of Texas,	19,000	20,000	6,000	.....	6,000	4,000	2,500	.....	.....	.....	450	.....	.....	1,900
El Dorado	25,000	26,000	5,000	3,500	7,500	4,800	5,000	.....	.....	2,200	.....	.....	.....	1,300
Anderson-Pritchard Oil Corp.,	4,000	4,200	2,000	1,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	400
Arkansas City	1,000	1,000	1,000	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Century Refining Co., Inc.,	24,500	25,000	6,000	8,000	10,000	9,500	4,200	2,200	Mid. dist.	1,200	500	1,200	150	1,200
Century Refining Co., Inc.,	12,000	13,000	4,500	.....	5,000	4,500	2,500	3,500	Naptha	.....	750	.....	.....	1,500
Shallow Water	20,000	22,000	11,000	3,000	7,500	5,000	2,500	4,000	Naptha	.....	600	.....	.....	2,000
Shallow Refining Co.,	2,375	2,500	1,350	1,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	350
Chanute	40,000	42,000	13,200	4,300	14,800	8,000	9,500	.....	.....	1,700	.....	.....	.....	7,000
Cooperative Refinery Assoc.,	30,000	32,000	.....	2,000	12,000	6,000	5,500	.....	.....	2,300	1,000	.....	250	.....
Conroyville	66,000	†	15,000	.....	24,000	16,000	16,000	.....	.....	.....	1,700	2,400	.....	2,400
Phillipsburg	45,000	48,000	12,000	6,500	20,000	2,500	5,000	.....	.....	3,500	1,400	.....	.....	3,000
Phillips Refining Co.,	23,100	24,300	.....	5,200	10,000	1,000	6,000	6,000	Naptha	1,300	.....	.....	85	.....
Mid-America Refining Co., Inc.,	16,000	17,200	3,100	2,500	6,500	2,000	3,200	.....	.....	.....	650	.....	.....	.....
Chanute	327,975	346,500*	80,150	51,850	123,300	63,300	61,900	15,700	.....	12,200	7,050	3,600	485	21,050
Mobil Oil Co.,														
Augusta														
National Coop. Refinery Assoc.,														
McPherson														
Phillips Petroleum Co.,														
Kansas City														
Skelly Oil Co.,														
El Dorado														
Standard Oil Co. (Ind.),														
Neodesha														
Vickers Petroleum Co., Inc.,														
Potwin														
Total														

* State total includes crude capacity not reported, estimated on stream-day basis.

† Not reported.

The Oil and Gas Journal, March 30, 1959

production compared with the previous year. It is of interest that the youngest of the state's leading oil fields, **Kraft-Prusa**, is 22 years old.

Table 6 lists the name and location of 14 refineries operating in Kansas during 1958. Crude capacity, throughput, and products per stream day are shown (*The Oil and Gas Journal*, 1959).

Figure 9 shows a monthly comparison of allocated crude oil to crude oil reported received by Kansas refineries and total daily average pipeline runs in Kansas during 1958. State allocation of crude oil exceeded daily average runs for the first three months of the year, but lagged for the last nine months. Figure 10 compares by month during 1958 the amount of crude oil demand forecast by the Bureau of Mines, the amount nominated to be purchased by purchasers, the amount allocated by the State Corporation Commission, and the amount actually run by pipe-

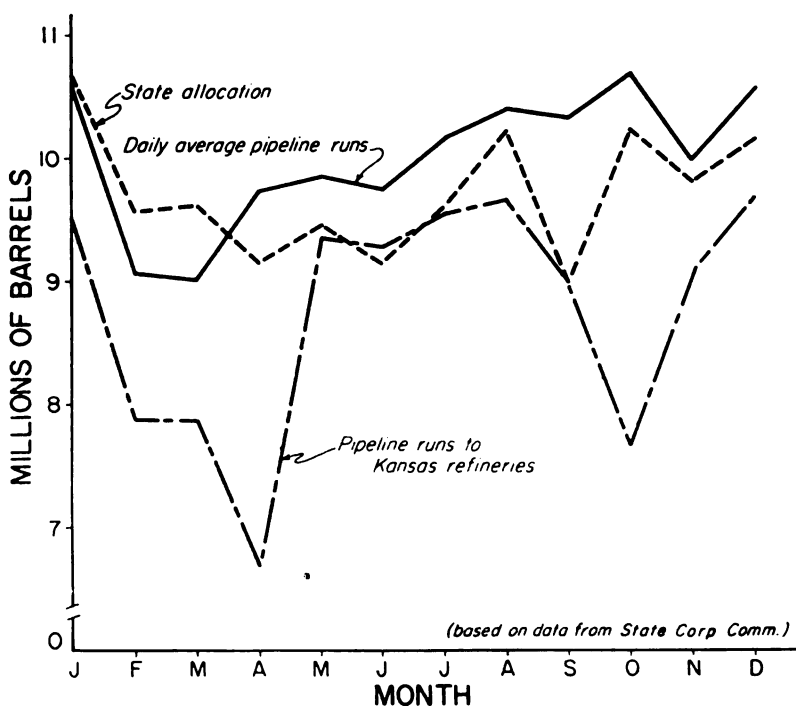


FIG. 9.—Monthly comparison of crude oil allocated, pipeline runs to Kansas refineries, and total daily average pipeline runs in Kansas during 1958.

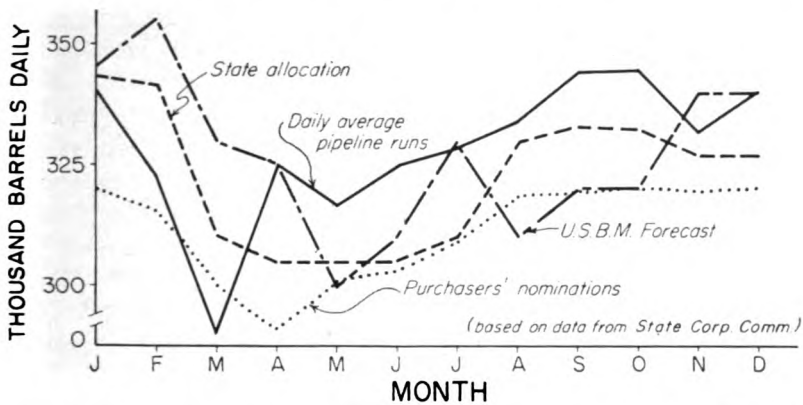


FIG. 10.—Comparison of crude oil forecast, nominated, allotted, and actual pipeline runs by months in Kansas during 1958.

lines. Generally, daily average pipeline runs exceeded other designations for the last nine months of the year.

Purchasers' nominations were consistently below daily average runs and state allocations for the year. The Bureau of Mines forecast of crude oil demand on a monthly basis fluctuated greatly during the year.

During the spring of 1958 the petroleum industry of the nation experienced a slump, and the price of crude oil posted at various refineries in the nation declined erratically. In Kansas, the price picture was first changed in March by a fifteen-cent cut on 11,000 barrels daily throughput at the Anderson-Prichard Oil Corporation refinery at Arkansas City. Three other Kansas refineries met the lower price by mid-April. The basic explanation of the price reduction was an over-supply of oil. A price differential of three cents for each degree below 36.0° was posted at several refineries. This reflected the lack of demand for the heavier oils. The outlook for heavier fuel oils was dim during the spring and summer months of 1958. In August, several independent purchasers in Kansas restored the price cut made during the spring, but by the yearend the price had been cut again at most Kansas refineries.

Average price of United States crude petroleum, about \$3.08 per barrel at the start of 1958, dropped to \$3.06 in April, \$3.04 in July, and \$2.95 in December, and averaged \$3.01 for the year throughout the nation (World Oil, 1959c). The estimated value of

TABLE 7.—Crude oil price changes in Midcontinent, by years
(dollars per barrel)

Date	Okla.- Kansas 36-36.9° gravity
1949: June 1	\$2.57
1951: Frozen at Jan. 25 level	2.57
1953: Feb. 16: decontrolled	
June 15	2.82
1957: January 3	3.07
1958: October 3	2.93
October 3	3.00

World Oil, Feb. 15, 1959

crude oil per barrel in Kansas during 1958 averaged \$3.02. Table 7 shows crude oil price changes since 1949 in the Midcontinent.

During 1958, oil refined in Kansas refineries amounted to 105,107,743 barrels. The total production was 119,142,094 barrels. Imports of oil in 1958 decreased by 0.6 percent to 37,895,112 barrels. Exports of oil during 1958 increased by 60,896 barrels. Total quantity of oil accounted for in 1958 was 157,837,906, compared to 162,174,152 barrels in 1957. Data on production, imports, exports, crude oil refined, and total quantity of oil accounted for in 1957 and 1958 are listed in Table 8.

TABLE 8.—Barrels of oil produced, imported, refined,
and exported in Kansas, 1957-1958*

	1957	1958
Produced	124,054,043	119,942,094
Imported	38,120,109	37,895,812
Total	162,174,152	157,837,906
Exported	57,069,267	52,730,163
Crude oil refined	105,104,885	105,107,743
Total	162,174,152	157,837,906

* From the Conservation Division, State Corporation Commission

Oil and Gas Conservation Division.—Monthly oil proration reports are issued by the Conservation Division of the State Corporation Commission for many of the state's oil fields. Productivity tests of new wells are made immediately. Supervision of dual completions and installation of packers in oil wells in Kansas is under the jurisdiction of the Conservation Division, and particular emphasis is placed on avoiding the co-mingling of water or oil from different zones. Cost of regulating the petroleum

industry in Kansas is paid by the industry. A fee of 1.0 cent per foot is charged for supervision of plugging. Oil production is assessed at the rate of .001 cent per barrel.

Pipeline and refinery construction in Kansas during 1958.—The refining of crude oil in Kansas refineries, the production of natural gas liquids from Kansas natural gasoline plants, and the movement of crude oil products and natural gas through transmission lines inter- and intra-state are an integral part of the petroleum industry.

During 1958 there was considerable activity in pipeline and refinery construction in the state. A highlight of activity was the completion of the Jayhawk Pipeline Corporation crude oil line (owned partly by Colorado Oil and Gas Corporation and National Cooperative Refinery Association) running from western Meade County to Valley Center in Sedgwick County near Wichita. The line consists of 197 miles of 12-inch pipe from Meade to McPherson and 42 miles of 10-inch pipe from McPherson to Valley Center. The main transmission line was completed and in operation by September. The line transmits southwestern Kansas crude oil to the Derby Refining Company at Valley Center and to the National Cooperative Refinery Association refinery at McPherson. The line starts at Meade station, 12 miles southwest of the town of Meade, and extends eastward 56 miles to Harper Ranch in Clark County, where some oil is collected. It continues northeastward to Chase, where the second pump station is located, thence eastward to McPherson and southward to Valley Center. A 6-inch pipeline connection has been made to the Service Pipeline Company at Hudson, an 8-inch connection to Arapahoe Pipeline Company at Schurr, and a 6-inch connection to Continental Pipeline Company at Lyons. (The Oil and Gas Journal, 1958a).

The construction of field lines to the Jayhawk Pipeline Company transmission line in southwestern Kansas counties was planned late in the year and was scheduled for completion in December. Two separate projects were indicated, 83 miles of 6-inch line from Meade Station to Interstate pool in Morton County and 50 miles of 6-inch line from Meade Station to Pleasant Prairie field in Haskell County. Skelly Oil Company completed a connection to the Basin and Trenton pools in Kingman County during the year. It consists of 18 miles of 3- to 6-inch pipe.

The El Dorado Refining Company transferred ownership of their refinery at El Dorado to American Petrofina Company of Texas during 1958. Late in the year, a new platformer was put into operation at the refinery.

It was reported that Mid-America Refining Company, Inc., added 15,000 barrels per day to the crude capacity and 400 barrels per day to asphalt capacity at the Chanute refinery. The first petrochemical plant to produce aromatics in the Midcontinent area went on stream early in April at the Vickers Petroleum Company's refinery at Potwin. (The Oil and Gas Journal, 1958b). Skelly Oil Company completed a 3,500-barrel hydrofluoric acid alkylation unit at its El Dorado refinery during the summer of 1958. Other improvements under construction at the Skelly refinery include a 12,000-barrel vacuum unit to produce asphalt and feed stock for the coking unit and a 500-ton Kellogg delayed cokery unit, a UOP platformer, and a gas concentration unit. At Anderson-Prichard Oil Corporation's refinery at Arkansas City, a new propane and deasphalting unit was placed on stream during 1958. The unit has a capacity of 1,200 barrels daily. Completion late in the year was contemplated by Anderson-Prichard Oil Corporation of a 2,200-barrel hydrofluoric acid alkylation unit at its refinery. A contract was let during the year for a 2,500-barrel platformer and a 3,000-barrel uniformer at Cooperative Refinery Association plant at Phillipsburg. At the Coffeyville refinery of the Cooperative Refinery Association, a 1,200-barrel hydrofluoric acid alkylation unit was completed in June. Changes at the Derby Refinery at Wichita included an increase of Thermoform capacity from 9,000 barrels to 12,000 barrels. The Derby Refining Company was planning construction of a 1,700-barrel hydrofluoric acid alkylation unit at Wichita for completion early in 1959. Capacity of the National Cooperative Refinery Association plant at McPherson was expanded during the year by 11,000 barrels.

SECONDARY RECOVERY

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 official sanction and status were given the practice through the passage of a law in Kansas in 1935. Grandone (1944) reported that after passage of

Table 9 lists secondary recovery operations in the state for which questionnaires were returned and some where permits had been issued but for which no secondary recovery questionnaires were returned. The table therefore gives a sampling rather than an accounting of secondary recovery operations in Kansas during 1958. The 240 listed projects reported an estimated 5,497 wells producing oil by secondary recovery methods, and 3,586 wells utilized as input wells for injection of a repressuring medium. Of the total projects reporting, 184 are located in eastern Kansas.

During 1958, the Conservation Division of the State Corporation Commission issued 225 permits for secondary recovery operations. The areal distribution is shown on Figure 11. Because many of these were started late in the year, some of the newer secondary recovery or pilot floods are not listed in Table 9.

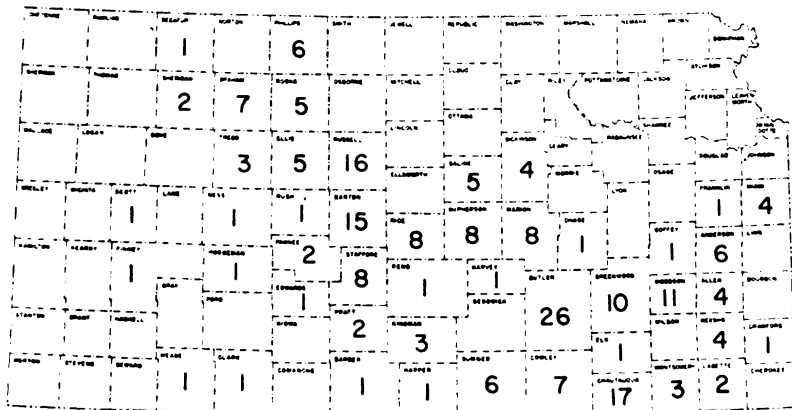


FIG. 11.—Distribution of permits issued by the State Corporation Commission for secondary recovery projects in Kansas, 1958.

During 1958, many new projects were started in western Kansas oil pools, especially in Russell and Barton Counties. This points up the significance of secondary recovery methods in the larger and older fields on the Central Kansas Uplift.

Greenwood County, as in past years, led in the number of reported projects operating as well as in production attributable to secondary recovery (Table 10). During 1958, the 39 recorded projects in Greenwood County produced at least 5.2 million barrels of oil. The 31 recorded projects in Butler County, the second largest producer of oil by secondary recovery methods, yielded at least 3.6 million barrels. These two counties accounted for about half the oil produced by repressuring projects in Kansas.

TABLE 10.—Data on nine selected eastern Kansas counties producing oil by secondary recovery in 1958.

County	Number of projects	Oil production, bbl.	
		Total	By secondary recovery*
Allen	11	963,524	707,742
Anderson	10	554,646	463,915
Butler	31	7,714,554	3,652,293
Cowley	23	4,171,897	1,226,262
Franklin	6	281,246	220,725
Greenwood	39	6,466,719	5,241,040
Miami	11	518,699	443,100
Montgomery	12	537,042	231,731
Neosho	14	555,369	383,501

* In part estimated

The following zones listed in the order of their importance provided most of the oil produced by secondary recovery methods: "Bartlesville sand", "Peru sand", and "Wayside sand". Salt water is used for repressuring in most of the Kansas projects. Of the many subsurface zones from which salt water is obtained for repressuring, the three main ones are sandstones of the Douglas Group, Arbuckle dolomite, and "Bartlesville sand". Principal sources of fresh water are shallow ground-water reservoirs, lakes, streams, and municipal water supplies. Where combined fresh and salt water is used, the brine is obtained commonly from the local oil-producing formation. Treatment of salt water includes aeration, addition of chemicals, settling, and filtration, singly or in various combinations. Fresh water requires treatment more commonly than brines. Such treatment includes addition of lime, chlorine, or alum, and settling and filtering, or

some combination of these. Most users of combined fresh and salt water use treating methods.

In general, ground water is more satisfactory for water flooding, because the quality of river water varies greatly with the seasons; hence the necessary treatment varies. Ground water remains uniform in chemical composition for long periods; therefore any treatment required before injection remains relatively constant.

The fire flood method (in-situ combustion) is particularly applicable to low-gravity oil, and early estimates indicate that 50 to 80 percent of the oil originally in place may be recovered. Some key factors in the operations of a combustion project are the amount of air required, the rate of air injection, and the air injection pressure. A project started by Sinclair Oil and Gas Company in 1956 in the **Humboldt-Chanute** field in Allen County has had some success.

NATURAL GAS

The shipping of natural gas through extensive pipeline systems across state lines and the approval of new cross-country lines come under the jurisdiction of the Interstate Commerce Commission and the Federal Power Commission, respectively. The apportionment of new lines and approval of transmission of gas are based on considerations of the greatest good to the greatest number of people and on economic investment values. Thus Kansas, ranking fifth among the gas-producing states, fourth in reserves, yet having a relatively small population, has a minor voice in the eventual use of the gas. The producers want to export excess gas for income, which returns to the state; the Kansas consumer, both domestic and industrial, desires retention of the natural resource within the state's borders, arguing that exportation of natural gas is depleting reserves. A significant portion of our annual gas production is being exported, but estimated domestic and industrial use of natural gas within the state has risen during the last few years.

Production and value.—Natural gas production during 1958 decreased 7.7 percent from the previous year to 535,937,434 thousand cubic feet calculated at the base of 14.65 pounds per square inch absolute. The estimated value of natural gas decreased to \$58,953,118 compared to \$63,876,885 in 1957, a 7.7

percent decline in value due entirely to a decrease in gas production. A minimum price of 11 cents per thousand cubic feet measured at 14.65 pounds per square inch absolute has been applied to all Kansas gas production, including minor amounts of unprorated production, much of which probably brought a higher price.

Natural gas was produced in 49 counties in 1958. Each of 16 counties (Table 11) produced 3 billion cubic feet of gas or more during 1957 or 1958. Among these 16 counties, Stevens County maintained its lead, producing 90,231,496 thousand cubic feet.

TABLE 11.—*Kansas counties producing 3 billion cubic feet of natural gas or more annually, 1957 and 1958*

County	Production, M cu. ft. (14.65 psia)		Rank	
	1957	1958	1957	1958
Stevens	105,873,672	90,231,496	1	1
Morton	97,495,814	84,762,672	2	2
Grant	78,728,061	76,951,008	3	3
Kearny	62,972,766	62,477,345	4	4
Barber	53,465,524	51,428,484	5	5
Finney	43,897,674	36,885,767	6	6
Seward	29,880,750	24,421,166	8	7
Haskell	32,302,065	23,456,900	7	8
Stanton	20,143,455	19,944,619	9	9
Kingman	10,081,383	11,686,453	11	10
Meade	11,058,197	10,295,596	10	11
Clark	3,147,851	6,536,692	15	12
Hamilton	4,023,123	4,228,915	12	13
Reno	675,730	3,578,905		14
Pawnee	3,352,053	2,607,146	13	15
Kiowa	3,249,342	2,090,043	14	16

Sixteen counties in Kansas had cumulative production of 20 billion cubic feet or more of natural gas to the end of 1958. Although complete production records are not available or are non-existent for most eastern counties, it is certain that Allen, Cowley, Montgomery, and Wilson have each produced 10 billion cubic feet of gas or more. Rank for 1957 and 1958 is noted on Table 12.

In the gas production table (Table 33), 1958 production and cumulative figures for the entire state are calculated at the same pressure base, 14.65 pounds per square inch absolute. Production in the eastern Kansas fields, which reached their peak about 50 years ago, was less than 1 percent, whereas production from the **Hugoton Gas Area** in southwestern Kansas was about 65 percent of the state total for 1958.

TABLE 12.—Counties in Kansas having cumulative production of 20 billion cu. ft. of gas or more to end of 1958
(based on estimated and recorded production.)*

County	Cumulative production M cu. ft. (14.65 psia)	Rank	
		1957	1958
Stevens	1,674,871,788	1	1
Grant	930,072,169	2	2
Kearny	656,482,839	3	3
Morton	524,050,653	4	4
Barber	396,903,995	5	5
Haskell	338,298,624	6	6
Finney	332,788,894	7	7
Seward	267,438,410	8	8
Stanton	147,313,588	9	9
Meade	38,806,058	12	10
Pawnee	37,801,822	10	11
Kingman	35,424,181	14	12
Rice	34,963,624	11	13
Hamilton	30,531,419	13	14
Barton	23,299,947	15	15
Pratt	20,572,575	16	16

* Several eastern Kansas counties, although no longer important gas producers, formerly yielded great quantities of gas. Published data on cumulative gas production for eastern counties are not available. It is reasonably certain, however, from data that are extant, that Allen, Cowley, Montgomery, and Wilson Counties have each produced 10 billion cubic feet of gas or more.

Production and use of marketed natural gas in Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota is reported as a unit by the Bureau of Mines. Therefore, detailed breakdown of use within Kansas is unavailable at this time.

At the end of 1958 there were 30 gas fields under state jurisdiction and monthly proration schedules were issued for 22 fields. These are the Hugoton Gas Area, Greenwood Gas Area, McKinney, Taloga (Keyes), Taloga "C", Taloga "G", Richfield, Goetz, Spivey-Grabs, Nichols, Blunk, Boggs, Driftwood, Elsea, Elwood, Hartner, McGuire-Goemann, Rhodes North, Rhodes Northeast, Sharon Northwest, Medicine Lodge Southwest, and Medicine Lodge West. During 1958, 11 gas fields were taken under jurisdiction by the Conservation Division of the State Corporation Commission. This jurisdiction was expressed either in the form of spacing regulations or production proration. The following is a list of these fields: Glick, Goetz, Richfield, Sparks, Tatlock Southwest (spacing), Harper Ranch (spacing), Hopewell South (spacing), Elsea, Farley, Rhodes North, and Rhodes South. Unprorated gas fields in Kansas are limited by statute not to run in excess of 25 percent of the openflow capacity. Purchasing

companies are required each month to file a record of the amount of gas purchased from wells in Kansas. Gas deliverability tests are made annually. Gas was assessed at various times during 1958 at .00025 and .00050 cents per thousand cubic feet to provide income for regulatory purposes.

New developments.—There were 21 new gas fields (16 gas and 5 oil and gas) named in Kansas during 1958 (Table 26). Of the new fields, four produce from Mississippian rocks and three from Morrowan rocks. Of special interest is the **Three Star** field in Seward County. Here the Lansing-Kansas City, Morrowan, and Chesteran rocks were all named as new producing pools within the new field during 1958. Also highly significant to the gas industry in Kansas was the development during the year of two new gas pools in the Council Grove Group (Permian) in southwestern Kansas. These were the **Panoma North** field in Grant County and the **Panoma Southwest** field in Stevens County. These counties are two of the nine counties that constitute the **Hugoton Gas Area**, where by definition rocks of the Chase Group (next above the Council Grove Group) are the reservoir.

The Hugoton Gas Area.—The **Hugoton Gas Area**, including its extension across the Oklahoma "strip" into the Texas Panhandle, is regarded as one of the world's largest known gas reserves. Production by years from the Kansas portion of the field is shown in Table 13.

The Defenders and Traders Gas Company's gas well in sec. 3, T. 35 S., R. 34 W., Seward County, has been accredited as the discovery well of the **Hugoton Gas Area** proper in 1922. Rapid development of the huge gas reservoir in southwestern Kansas came in the early 1940's. By the end of 1949 the number of producing wells in the field passed the 2,000 mark and the area en-

TABLE 13.—Production from Kansas part of Hugoton Gas Area, 1943-1958

Year	M cu. ft. gas (14.65 psia)	Year	M cu. ft. gas (14.65 psia)
1943	70,921,532	1951	371,002,475
1944	92,922,821	1952	375,081,748
1945	90,345,203	1953	387,635,243
1946	119,637,983	1954	346,732,192
1947	157,663,036	1955	394,257,153
1948	185,872,594	1956	381,874,779
1949	247,868,876	1957	396,889,199
1950	320,545,480	1958	349,263,723

compassed 2 million acres. At the end of 1958, there were 3,874 producing gas wells, and the area of the Kansas part of the **Hugoton Gas Area** was about 2,651,400 acres, including two entire counties (Stevens and Grant) and parts of seven others (Finney, Hamilton, Haskell, Kearny, Morton, Seward, and Stanton). Revised figures on the number of wells drilled each year since 1951 and cumulative totals are given in Table 14.

TABLE 14.—Gas wells drilled in Hugoton Gas Area since 1951, by counties

	1950	1951	1952	1953	1954	1955	1956	1957		1958	
	Cumulative	Drilled	Drilled	Drilled	Drilled	Drilled	Drilled	Drilled	Cumulative	Drilled	Cumulative
Finney	209	19	49	73	72	49	49	58	578	29	607
Grant	459	68	29	6	5	3	2	7	579	0	579
Hamilton	7	8	8	10	4	0	2	5	44	0	44
Haskell	252	33	30	27	39	40	19	0	440	0	440
Kearny	326	56	75	72	44	27	26	14	640	0	640
Morton	144	62	27	31	14	9	20	7	314	4	318
Seward	180	51	10	19	42	21	18	7	348	13	361
Stanton	151	25	7	27	24	0	0	2	236	6	242
Stevens	685	16	17	4	20	5	10	10	767	4	771
Total	2,413	338	252	269	264	154	146	110	3,946	56	4,002

Through the assistance of the Conservation Division of the State Corporation Commission and Dwight's Oil and Gas Reports, county production figures and county cumulative totals have

TABLE 15.—County production and cumulative total, Hugoton Gas Area*

County	Cumulative production to end of 1957, M cu. ft.	1958 production M cu. ft.	Cumulative production to end of 1958, M cu. ft.
Finney	295,757,052	36,885,767	332,642,819
Grant	853,121,161	76,951,008	930,072,169
Hamilton	26,302,504	4,228,915	30,531,419
Haskell	314,841,724	23,456,900	338,298,624
Kearny	594,005,494	62,477,345	656,482,839
Morton	268,991,922	22,699,432	291,691,354
Seward	201,897,782	18,464,411	220,362,193
Stanton	120,895,635	13,868,449	134,764,084
Stevens	1,584,640,292	90,231,496	1,674,871,788
Total	4,260,453,566	349,263,723	4,609,717,289

* Base 14.65 ps'a.

been prepared for this bulletin. These data are given in Table 15.

The **Hugoton Gas Area** has been limited by definition by the Nomenclature Committee of the Kansas Geological Society to gas-producing formations in the Chase Group of the Permian System. Porosity seems to control productivity. Plate 3 shows the approximate boundaries of the **Hugoton Gas Area** as outlined at the end of 1958; gas wells drilled previous to 1958 are not shown.

Wells having initial potential of less than 1 million cubic feet per day after acidization are considered small, and those producing more than 30 million cubic feet of gas per day are big. The average depth to the producing zones is about 2,500 feet.

As the **Hugoton Gas Area** is under proration, commonly only one well may be drilled in each 640 acres, and allowable production for wells or groups of wells is established on a monthly basis in a manner designed to conserve the gas supply. Because of this wide spacing, there is little surface evidence of this huge gas reservoir.

Gas from the **Hugoton Gas Area** is of fairly good quality (Table 16), having a heating value of about 1,000 B.t.u. per cubic foot, and in addition yields about 0.5 gallon of natural gasoline condensate per thousand cubic feet. Many of the natural gasoline plants are within the borders of the **Hugoton Gas Area**, as are the two operating carbon black plants.

TABLE 16.—Average natural gas analysis from Hugoton Gas Area

Gases	Percent
Methane	74.26
Nitrogen	14.27
Ethane	5.81
Propane	3.52
Butane	1.48
Pentane plus	0.65
Total	99.99

From Keplinger, Wanenmacher, and Burns, 1948

During 1958 the Kansas Supreme Court ruled against the State Corporation Commission and several pipeline firms in regard to gas allowables for the **Hugoton Gas Area** in southwestern Kansas. Proration orders of the State Corporation Commission were declared void retroactive to May 1956 (The Oil and Gas Journal, 1958c).

Helium.—The helium production in Kansas declined from 37,249,900 cubic feet in 1957 to 25,858,000 cubic feet in 1958. Shipments of helium were 27,880,000 cubic feet valued at \$434,264. Price and production of helium are controlled by the federal government. Federal agencies pay \$15.50 per thousand cubic feet at the production plants. Other users pay \$19.00 at the plant and an additional \$2.00 per thousand cubic feet for helium supplied in standard cylinders. The Kansas helium is processed in the United States Bureau of Mines plant at Otis in Rush County. The gas is extracted from helium-bearing natural gas from various wells in Barton, Pawnee, and Rush Counties. Helium-contributing gas fields include the **Otis-Albert** field in Rush and Barton Counties, the **Ryan** field in Rush and Pawnee Counties; the **Pawnee Rock** field in Pawnee County, and the **Behrens** and **Unruh** fields in Barton County. Three fields formerly producing helium, **Ash Creek** in Pawnee County and **Dundee** and **Bergtal** in Barton County, have been abandoned.

Gas pipelining.—Construction of natural gas pipelines included, during 1958, the completion of 106 miles of 36-inch pipe across Kansas running from Fitch, Texas, to Beatrice, Nebraska. The Kansas portion of the line was completed by December. The line was constructed for Natural Gas Pipeline Company of America. The Cities Service Gas Company completed 75 miles of 30-inch pipe during 1958 for transmission of natural gas from Independence to Welda. Another project of the Cities Service Gas Company in Kansas during the year was 6 miles of 30-inch pipe in Montgomery County and 18 miles of 36-inch pipe in Anderson and Franklin Counties. Gathering lines in the **Hugoton Gas Area** in southwestern Kansas were completed by the Panhandle Eastern Pipeline Company during 1958. The Kansas-Nebraska Natural Gas Company, Inc., laid 5 miles of 4- and 6-inch gathering lines in the **Hugoton Gas Area** and 3 miles of 4- and 6-inch gathering lines in the **Unruh** field during the year. Pipeline projects scheduled for completion during 1958 by the Northern Natural Gas Company included 8 miles of 30-inch pipe from Tescott to Bushton and 8 miles of 30-inch and 44 miles of 16-inch from Beaver, Oklahoma, to Mullinville, Kansas. Scheduled for completion by October of 1958 was 66 miles of 20-inch pipe for the Michigan-Wisconsin Pipeline Company extending from Harper County, Oklahoma, into Kansas.

It was reported that during 1958 Cities Service Gas Company added 9,700 horsepower to three compressor stations in Kansas, 7,000 horsepower at Grabham station, 1,350 horsepower at Ulysses, and 1,350 horsepower at Sublette station.

Gas storage.—Because of the seasonal demand for natural gas, storage of gas during the slack seasons has been developed. Table 17 gives the location and capacity of various Kansas projects.

TABLE 17.—Underground gas storage*

Company (field or area—county)	Storage capacity, M cu. ft.
Cities Service Gas Company	
Boyer—Butler	1,019,867
Colony—Anderson	9,203,665
Craig—Johnson	6,075,820
Elk City—Montgomery and Elk (under construction)	21,000,000
McLouth—Jefferson and Leavenworth	12,913,757
North Welda—Anderson	10,021,646
Piqua—Allen and Woodson	3,230,472
South Welda—Anderson	11,789,186
Consolidated Gas Utilities Corporation	
Collinson—Cowley	1,100,000
Eastern Kansas Gas Company	
Sutcliffe—Neosho	700,000
Union Gas System, Incorporated	
Buffalo and Fredonia—Wilson; North and South Liberty—Montgomery; Longton—Chautauqua	8,250,000
Total	85,304,413

* (Bisal, 1958a)

NATURAL GAS LIQUIDS

Kansas production of natural gas liquids during 1958 was 225.2 million gallons, 1.6 million gallons more than during 1957. The value of natural gas liquids (natural gasoline, propane, butane, and other liquefied petroleum gases) produced during 1958 was \$10,286,537. Necessity for adjustment of estimated values for 1957 prohibits value comparison with that year. There were 16 natural gasoline plants reported operating in Kansas at the end of 1958. The daily average production of natural gasoline and LPG in 1958 was 14,689 barrels compared to 14,587 for the previous year (Table 18). The output of natural gas liquids during 1958 and estimated value at the plant are shown in Table 19; production from Kansas plants for the last 12 years is shown in Table 20; plant capacity is given in Table 21.

TABLE 18.—Natural gasoline and LPG processed in 1958*

Operator and plant location	Natural gasoline	Butane	Propane	LPG	Total
Cities Service Oil Company					
Burrtton, Reno Co.	49,389		17,680	43,733	110,802
Wichita, Sedgwick Co.	427,543		302,373	304,610	1,034,526
Colorado Interstate Gas Co.					
Lakin, Kearny Co.	95,265				95,265
Plateau Natural Gas Company					
Cheney, Sedgwick Co.	16,926			9,178	26,104
Dunn-Mar Oil & Gas Company					
Otis, Rush Co.	31,260	5,950			37,210
Hugoton Production Company					
Ulysses, Grant Co.	175,083	109,355	154,087		438,525
Kansas-Nebraska Nat'l Gas Co.					
Deerfield, Kearny Co.	119,596		18,151	16,279	154,026
Magnolia Petroleum Company					
Ulysses, Grant Co.	183,645	52,317	97,635		333,597
Spivey, Kingman Co.	196,240	90,623	178,701		465,564
Northern Natural Gas Company					
Holcomb, Finney Co.	80,528				80,528
Sublette, Haskell Co.	153,715				153,715
Pan American Petroleum Corp.					
Ulysses, Grant Co.	377,334	521,990	398,954		1,298,278
Panhandle Eastern Pipe Line Co.					
Liberal, Seward Co.	547,525	213,034	125,188		885,747
Skelly Oil Company					
**Cunningham, Kingman Co.	10,185			11,924	22,109
Medicine Lodge, Barber Co.	120,281		70,667		190,948
The Texas Company					
Atlanta, Cowley Co.	16,092			18,303	34,395
Total	2,600,607	993,269	1,363,436	404,027	5,361,339
	Daily average for	1957—14,587	Barrels		
	Daily average for	1958—14,689	Barrels		

From the Conservation Division, State Corporation Commission

* 42 gallon barrels

** Cunningham Gasoline Plant operation discontinued May 1, 1958

The use of natural gas liquids with natural gas in the production of carbon black increased from 347,975 barrels in 1957 to 2,251,023 barrels in 1958.

TABLE 19.—Production and estimated value of natural gas liquids in Kansas 1958*

	Gallons	Barrels**	Price per barrel	Value
Natural gasoline	109,225,494	2,600,607	\$2.31	\$ 6,007,402
Propane	57,264,312	1,363,436	1.55	2,113,326
Butane	41,717,298	993,269	1.55	1,539,567
LPG	16,969,134	404,027	1.55	626,242
Total	225,176,238	5,361,339		\$10,286,537

* Production figures supplied by State Corporation Commission

** 42 gallon barrels

TABLE 20.—*Kansas production of natural gasoline and allied products, 1947-1958**

Year	Production, thousand gal.	Year	Production, thousand gal.
1947	99,195	1953	211,657
1948	107,563	1954	193,783
1949	113,807	1955	206,621
1950	155,233	1956	199,384
1951	182,932	1957	223,618†
1952	196,462	1958	225,176

* Figures from 1947 and 1948 from World Oil, March, 1951. Figures from 1949 through 1958 supplied by State Corporation Commission.

† Revised figure.

Low-cost temporary storage is one of the major problems facing the expanding LPG industry. This problem, created by the seasonal demand for the product, has been partly solved in the last few years by injecting natural gas liquids into wholly or partly depleted reservoirs, which may have contained salt water, gas, or distillate. Recently, and especially in Kansas, natural gas liquids have been stored in artificially formed underground cavities in salt beds. Location and capacity of some of these storage projects are given in Table 22.

The value of Kansas reserves of natural gas liquids is commonly overshadowed by the value of crude oil and natural gas. Natural gas liquids, consisting of natural gasoline, condensate, and LPG (mainly propane and butane), supplement supplies of gasoline for motor vehicles and fuel for industrial and domestic

TABLE 22.—*Underground LPG storage**

Company, county and type of storage	Capacity (In barrels)	Product
Cities Service Oil Co.		
Reno—Salt layer (4 caverns)	235,000	Butane
Reno—Salt layer (6 caverns)	445,000	Propane
National Cooperative Refinery Assoc.		
McPherson—Salt layer (3 caverns)	160,000	Propane
McPherson—Salt layer (13 caverns)	558,000	Butane
Pan American Petroleum Corp.		
Grant—Salt layer (7 caverns)	173,000	LPG
Phillips Petroleum Company		
Kingman—Salt layer (3 caverns)	228,000	Butane
		Propane
Skelly Oil Company		
McPherson—Salt layer (12 caverns)	459,000	Propane
Tuloma Gas Products Co.		
Reno—Salt bed (under construction)	150,000	Propane

* The Oil and Gas Journal, September 29, 1958

TABLE 21.—Natural-gasoline-plant survey*

Location (field, county, and nearest town)	Capacity, million cu. ft. per day	Through-put, million cu. ft. per day	Products (gallons per day)		
			Combined natural gasoline and LPG stream	Total butane and lighter	Natural gasoline
Cities Service Oil Co. Various, Sedgwick (Wichita)	120	95	—	49,000	53,000
Burrton-Stone, Reno (Burrton)	5	4	—	5,000	8,000
Colorado Interstate Gas Co. Hugoton, Kearny (Lakin)	215	79	(a) 10,340	—	—
Dunn-Mar Oil & Gas Co. Otis, Rush (Otis)	(a) 5	(a) 1.1	—	(a) 600	(a) 3,400
Hugoton Production Co. Hugoton, Grant (Ulysses)	90	66.5	—	31,000	20,000
Kansas-Nebraska Natural Gas Co., Inc. Hugoton, Kearny (Deerfield)	125	7.3	—	3,270	10,370
Magnolia Petroleum Co. Hickok, Grant (Ulysses)	134	75.7	—	19,393	22,057
Spivey, Harper (Attica)	45	33.2	—	22,660	17,506
Northern Natural Gas Co. Hugoton, Seward (Sublette)	325	217	34,200	—	—
Hugoton, Finney (Holcomb)	185	118	13,800	—	—
Pan American Petroleum Corp. Hugoton, Grant-Stanton-Morton-Stevens (Ulysses)	325	180	—	105,000	47,000
Panhandle Eastern Pipe Line Co. Hugoton, Seward (Liberal)	240	228.1	—	40,746	64,740
Skelly Oil Co. Barber County	40	(b)	(c) 30,000	—	—
Texas Co., The Atlanta, Cowley (Burden) (d)	3.4	(b)	—	(c) 3,700	(c) 6,300
Total	1,857.4	1,104.9	88,340	280,369	252,373

* The Oil and Gas Journal, April 21, (1958d)

(c) Figures represent capacity, not production
(d) Gas injection conducted

(a) Adjusted to 12-psi. R.v.p. basis

(b) Not reported

use. Natural gas liquids also have great potential use in the manufacture of plastics.

CARBON BLACK

Production of carbon black during 1958 was reported as 75,443,750 pounds, valued at \$5,261,142. This is a decrease in production of 975,750 pounds and an increase in value of \$129,573 from the previous year (Table 23).

TABLE 23.—Quantity and value of carbon black produced in Kansas in 1957 and 1958

Year	Carbon black produced		Estimated fuel consumed	
	Quantity, lb.	Value	Gas billion cu. ft.	Nat. gas'l million bbl.
1957	76,419,500	\$5,131,569.	5.67	0.35
1958	75,443,750	\$5,261,142.	3.26	2.25

The Conservation Division of the State Corporation Commission reports that use of natural gas in the manufacture of carbon black in Kansas during 1958 was 3,262,970 thousand cubic feet, a decline of 2,404,988 thousand cubic feet from the previous year.

Carbon black was produced by the furnace process by the Columbian Carbon Company at Hickok and by United Carbon Company at Ryus in Grant County.

RESERVES

Kansas proved reserves of liquid hydrocarbons (crude oil plus natural gas liquids) as of December 31, 1958, were 1,121,986,000 barrels, a decrease of 1.2 percent from the previous year; nationally, reserves increased 2.1 percent. Kansas proved reserves of crude oil were 922,434,000 barrels at the end of 1958, a decrease of 2.6 percent; national reserves increased 0.4 percent.

Proved reserves of natural gas in Kansas at the end of 1958 were estimated to be 20,233,847 million cubic feet, an increase of about 4.9 percent. Kansas proved reserves of natural gas liquids, 199,552,000 barrels, are 5.5 percent greater than in the previous year (Table 24). All estimates of reserves are taken from the American Petroleum Institute and American Gas Association's annual report on reserves.

It is emphasized that the published petroleum reserve figures

TABLE 24.—Kansas proved reserves of natural gas and natural gas liquids, December 31, 1958

	Reserves* as of 12-31-57	Extensions and re- visions 1958	Discoveries 1958	Production during 1958	Proved reserves 12-31-58	Nonassoci- ated, associ- ated, and dissolved	Difference in reserves, 1957-1958	Percentage change, 1957-1958
Natural gas liquids	189,155	15,996	265	5,864	199,552	.....	+10,397	+5.5
Natural gas	19,295,978	1,497,136	27,027	581,903	20,233,847	20,181,040	+937,869	+4.9

American Petroleum Institute and American Gas Association, 1958

* Reserves of natural gas liquids are thousands of barrels of 42 U. S. gallons; reserves of natural gas are millions of cubic feet calculated at 14.65 psia. at 60°F.

represent proved reserves. The figures in Table 24 and other reserve figures used in this bulletin do not include (1) oil under the unproved portions of partly developed fields; (2) oil in untested prospects; (3) oil that may be present in unknown prospects in regions believed to be generally favorable; (4) oil that may become available by fluid injection methods from fields where such methods have not yet been applied; (5) oil that may become available through chemical processing of natural gas; and (6) oil that can be made from oil shale, coal, or other substitute sources. The policy of the Reserves Committee applies also to natural gas and natural gas liquids.

STATISTICAL TABLES

The presentation of data on oil and gas developments in Kansas during 1958 (this bulletin) differs considerably from that of previous annual development reports. In the following tables are found statistical data on oil and gas developments in Kansas on a statewide basis. Because their producing areas are less continuous than those elsewhere in the state, eastern Kansas fields (Table 32) have been subdivided into lesser producing areas labeled a, b, c, etc., in the table as well as on the corresponding map plate. No attempt has been made to list production by producing zone within these subdivisions.

TABLE 25.—Summary of 1958 operations, by county

County	No. of prod. fields	Map plate No.	Oil prod., bbl.		Gas prod., M. cu. ft.		Wells drilled in 1958					Reworked wells					Total new wells drilled	No. of estimated wells			
			Oil prod., bbl.	Gas prod., M. cu. ft.	Oil	Gas	Oil and gas	Repressuring or disposal	Dry wildcats	Total dry	Oil	Gas	Oil and gas	Repressuring or disposal	Dry	Fields discovered			Fields revived	Fields combined	Fields abandoned
Allen	10	1	963,524	111,219	10			6		11										380	353
Anderson	8	1	554,646	none	20			3												123	100
Barber	53	2	1,913,616	51,428,584	31	27	9	1	11	55										123	
Barton	129	2	11,546,500	370,525	109	1		5	3	91	9	2		4	4	8	1	2	8	206	
Bourbon	4	1	26,951	3,000																	7
Butler	58	1	7,714,554	no report	126			28	19	133	3			2	1	9		4	17	357	70
Chase	2	1	87,478	41,887	7					5	9									20	4
Chautauqua	21	1	938,145	219,659	1			3	3	12									3	131	115
Cherokee	1	1	none	2,373																2	2
Cheyenne	1	3	no report	none	1				4	4						1			1	8	3
Clark	9	3	252,474	6,536,692			6	1	1	4					1					14	3
Clay	1	1	22,187	none					1	4										4	
Coffey	10	1	123,953	1,683	4															4	
Comanche	5	2	22,429	50,337	2	7			7	7						1				16	
Cowley	88	1	4,171,897	809,274	135	3	1	12	12	147	7	1	1	1	4	9		3	20	311	13
Crawford	6	1	39,530	40,763					1	4										64	60
Decatur	11	3	403,946	none	4			2	5											9	
Dickinson	7	1	99,087	none	1				9	14										15	
Douglas	2	1	8,235	none																11	11
Edwards	20	2	237,812	2,038,145	27	7			1	9					2	6		2		66	23
Elk	16	1	268,697	235,105	3	1			2	14									15	37	19
Ellis	113	2	11,314,968	none	118			10	6	126	14			4	4	9	1		5	254	
Ellsworth	15	2	2,120,498	no report	4			5	5	15	2				1					19	11
Finney	11	3	429,736	36,885,767	15	29		1	1	4										59	11
Ford	3	3	589	331,959					1	3										3	3
Franklin	5	1	281,246	none																79	79
Geary		1	none	none					1	1										1	

Oil and Gas Developments, 1958

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Grove	3	3	18,902	none	158	3	5	6	8	7	2	4	20	1	2	4	8
Graham	84	3	6,800,352	no report				21	176								339
Grant	2	3	none	76,951,008			1	1	1				1			1	4
Gray	2	3	none	none				1	1							1	3
Greeley	3	3	none	none				1	1							1	1
Greenwood	48	1	6,466,719	none	146		8	5	65	2		2	3	2		8	219
Hamilton	4	3	6,617	4,228,915			1	1	2			1				1	3
Harper	14	2	1,008,017	2,977,950	23	6	14	3	8	22		4	4			1	68
Harvey	12	2	283,390	247,927	20		1	11	33	1		1	2			54	1
Haskell	6	3	351,355	23,456,900	13			3	7				3			28	8
Hodgeman	8	3	263,713	none	9			8	11				1			20	
Jefferson	1	1	no report	none													
Johnson	4	1	4,040	43,869												4	4
Kearny	4	3	88,827	62,477,345					1	1							1
Kingman	27	2	2,585,237	11,686,453	39	18	15	2	14	40	1	1	2			2	114
Kiowa	17	2	773,758	2,090,043	8	5	5	1	6	14		1	3			2	33
Labette	11	1	98,301	69,842			1		2							1	39
Lane	3	3	none	none				1	1	1						1	1
Leavenworth	1	1	3,966	13,538													1
Lincoln	2	2	none	none				1	1								2
Linn	6	1	74,578	5,799												19	19
Logan	3	3	none	none				6	6							1	6
Lyon	9	1	227,335	none	3			5	5						1		8
McPherson	35	2	4,017,592	561,431	78	2		4	15	42	7		5			4	126
Marion	25	1	2,595,268	117,774	170	3		16	29	92	2	2	2	2	1	7	4
Meade	20	3	919,760	10,295,596	3	23	8	4	24		1		1			1	58
Miami	5	1	518,699	8,540	28			31								103	44
Mitchell	2	2	none	none				1	1							1	1
Monigomery	10	1	537,042	349,556	7		12		1							69	49
Morris	5	1	363,105	38,760	2			2	5			1				2	7
Morton	11	3	831,695	84,762,672	6	31		2	9	11			1		2		46
Nemaha	3	1	13,725	none	1				1								2
Neosho	8	1	555,369	171,171	19			2								5	192
Ness	12	3	563,250	none	13			10	16	1			3			1	166
Norton	7	3	891,124	none	12			2	12				2			1	29
Osborne	2	2	70,528	none				1	3				2			1	24
Pawnee	40	2	2,345,957	2,607,146	7	1		1	3	18	1		6			2	27
Phillips	15	2	1,914,497	none	21			2	8			1				2	29
Pottawatomie	1	1	none	none				1	1							1	1
Pratt	38	2	3,766,045	1,424,539	8	3	2	8	21	13			1		3		34

TABLE 25.—Summary of 1958 operations, by county, concluded

County	No. of prod. fields	Map plate No.	Wells drilled in 1958					Reworked wells					Total new wells drilled	No. of estimated wells						
			Oil prod., bbl.	Gas prod., M. cu. ft.	Oil	Gas	Oil and gas	Repressuring or disposal	Dry wildcats	Total dry	Oil	Gas			Oil and gas	Repressuring or disposal	Dry	Fields discovered	Fields revived	Fields combined	Fields abandoned
Rawlins	3	3	7,680	none	2	18	1	2	9	6	7					2				9
Reno	20	2	963,344	3,578,905	10	18			23	4	23			1	1	1	1	2	54	
Rice	47	2	5,314,385	1,036,941	52			1	4	47	10			1	1	2	2	7	100	
Riley	1	1	none	none					2	2									2	
Rooks	78	2	6,389,441	none	38				6	60	6				1	7		4	98	
Rush	16	2	540,342	2,632,657	4				12	28	1					1		2	32	
Russell	34	2	9,005,985	no report	80			7	6	46	41	1		2	1	3	1	1	133	
Saline	12	2	575,300	none	12				1	9	1			1		1			27	
Scott	4	3	39,060	no report						1	1								1	
Sedgwick	36	2	3,230,432	65,664	69			2	14	56	2		1	3	2	2	4	9	127	
Seward	18	3	25,664	24,421,166	2	16				6					2	2			24	
Shawnee	1	1	none	none					1	1									1	
Sheridan	12	3	428,806	none	13				19	27	1				1		1	40	1	
Sherman	1	3	11,320	none	4				11	11					1			15	15	
Stafford	145	2	5,887,005	976,971	56			2	3	6	71	12		1	7	7	1	8	134	
Stanton	4	3	9,960	19,944,619	8					2					1	1			10	
Stevens	4	3	none	90,231,496	5			5								1			5	
Sumner	54	2	2,959,862	12,342	51	1		3	18	83	1			3	4	11		3	138	
Thomas	2	3	2,750	none					9	9									9	
Thomas	29	3	1,876,971	none	18				15	42	4					3	1	1	60	
Trego	6	1	265,848	none	2			1	5	9						1			12	
Wabaunsee	1	3	none	no report															1	
Wallace	1	3	802	none															1	
Wichita	1	3																		
Wilson	11	1	194,251	265,265	10					1								2	102	
Woodson	21	1	830,771	26,044	11					11									98	
Wyandotte	1	1	none	none															76	
																			1	

TABLE 26.—Oil and gas pools discovered in Kansas during 1958.

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month named	Initial production, bbl. per day
Barber County					
Eads NE NE NE 4-30-14W	Thompson & Bear No. 1 Eads	Simpson	4,561-4,570	Dec.	121
Palmer NE NE NE 30-32-13W	Aylward Drig. Co. No. 1 Palmer	Marmaton	4,477-4,479 4,481-4,490	Oct.	259
Rhodes Northeast NE NE NE 2-33-11W	Jones, Shelburne & Farmer No. 1 Wheat	Mississippian	4,510-4,538	Aug. 1956	15,000,000 cu. ft. gas
Barton County					
Bottoms W ¹ / ₂ SW SW 36-18-12W	Coop. Ref. Ass'n. No. 1 Birzer	Lansing-K.C.	3,144-3,148 3,164-3,170	Dec.	40
Galatia NE NW SE 11-16-15W	White Eagle Oil Co. No. 1 Karst	Lansing-K.C.	3,193-3,196	Dec.	130
Merten Southwest SW SW SW 7-19-15W	Ben Brack Oil Co., Inc. No. 1 Peterson	Reagan	3,598-3,607	May	1,205,000 cu. ft. gas
Ney South NE SW NE 1-16-13W	Petroleum, Inc. No. 1 Rude	Lansing-K.C.	3,120-3,123	Feb.	190
Olmitz NW NE NE 1-18-15W	Sidey Drig. Co. No. 1 Schugarg	Arbuckle	3,540-3,544	May	50
Popp SW SW NE 3-16-14W	Sterling Drig. Co. No. 1 Popp	Arbuckle	3,352-3,357	Dec.	11
Stiles NW NE SW 7-16-12W	Thos. H. Allan No. 1 Stiles	Arbuckle	3,353-3,357	Nov.	54
Voight SE SE SE 15-20-13W	Alpine Oil & Royalty Co., Inc. No. 1 Voight	Arbuckle	3,487-3,500	Feb.	16
Butler County					
Blood SW SW NE 29-29-4E	Stelbar Oil Corp., Inc. No. 1 Blood "B"	Mississippian	2,716 (top)	May	3,424
Douglas Townsite NE NW SE 20-29-4E	Augusta Oil Co., Inc. No. 2 Bannon	Lansing-K.C.	1,880-1,890	Aug.	3
Elbing South SW SW NW 32-23-4E	Raymond Oil Co., Inc. No. 1 "A" Claassen	Kansas City	2,041-2,049 2,049-2,054 2,054-2,055	Sept.	D & A
Mellor East SE SE SW 7-24-4E	Augusta Oil Co., Inc. No. 1 Claassen	Mississippian	2,492 (top)	July	37
Mellor Northeast NW NW SE 6-24-4E	E. H. Adair Oil Co. & Lee Phillips Oil Co. No. 1 Claassen	Mississippian	2,441-2,451	May	10
Mellor West SW SW SW 1-24-3E	Bedell-Catt Drig. Co. No. 1 Mellor (Combined with Mellor)	Mississippian	2,507-2,509	Jan.	83
Paulson NW NW NE 35-23-3E	E. H. Adair Oil Co. No. 1 Paulson	Mississippian	2,519-2,529	May	35
Paulson Northeast SW SW SW 24-23-3E	E. H. Adair Oil Co. No. 1 Schrivner	Mississippian	3,467 (top)	Nov.	25
Plum Grove NW NW SE 24-24-4E	Augusta Oil Co., Inc. No. 1 Mellor	Mississippian	2,515-2,525	July	43
Cheyenne County					
Rueb SE NE 13-3-42W	R. G. Lawton No. 1 Rueb	Lansing-K.C.	4,537-4,542	March	60
Comanche County					
Perry Ranch NE NE SE 12-32-16W	Messman-Rinehart Oil Co. No. 1 Perry	Mississippian	4,796-4,812	July	6,000,000 cu. ft. gas
Cowley County					
Atlanta SW SW NW 11-30-6E	H. H. Blair No. 1 Blair Ranch	Mississippian	2,869-2,897	June	21
Bernstorf SE NE SE 33-31-4E	McNeish & Gralapp No. 1 Bernstorf	"Bartlesville"	3,043-3,061	June	25
Burden Townsite SE NE NE 3-32-6E	Frank Taylor No. 1 "A" Jahara	"Layton"	2,205-2,215	Dec.	8
Estep NE SW SE 21-34-6E	The Texas Co. No. 1 C. W. Estep	"Stalnaker"	1,803-1,807	Dec.	58

TABLE 26.—Oil and gas pools discovered in Kansas during 1958, continued

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month named	Initial production, bbl. per day
Higby NE NE NW 31-34-6E	L. C. Smitherman Drig. Co. No. 1 Higby*	Mississippian	3,180-3,190	Dec. 1957	D & A
Maple SE SE NW 2-30-3E	Shawver-Armour, Inc. No. 1 Muller	"Bartlesville"	3,067-3,073	July	58
Peck NW NW NW 9-35-4E	Fred J. Ayesh No. 1 Peck	"Bartlesville"	3,221-3,225	Aug.	7,000,000 cu. ft. gas
Windsor Southeast SW SW SE 7-32-8E	White & Ellis Drig., Inc. No. 1 "B" Jarvis	"Layton"	1,848-1,864 1,867-1,869	Dec.	55
Windsor Southwest SW cor. lot 11 7-32-8E	McNeish & Gralapp No. 1 "D" Jarvis	"Layton"	1,894-1,904	Feb.	25
Edwards County					
J. H. M. NW SE SE 33-25-16W	L. C. Smitherman Drig. Co. No. 1 "B" Mayhew*	Pennsylvanian-Mississippian	4,415-4,425 4,456-4,466	Aug.	10
McClanahan SE SE SW 2-26-18W	D. R. Lauck Oil Co., Inc. No. 1 McClanahan	Mississippian	4,612-4,616	Dec.	79
Trousdale North SE SE NW 8-26-16W	L. C. Smitherman Drig. Co. No. 1 Martin	Mississippian	4,458-4,468	Oct.	22
Trousdale Northeast SE SE SE 15-26-16W	L. C. Smitherman Drig. Co. No. 1 Salzer	"Kinderhook"	4,395-4,405	Dec.	665,000 cu. ft. gas & 30
Wil Northeast NE NE SE 23-25-16W	D. R. Lauck Oil Co., Inc. No. 1 Kearns (Combined with Wil)	"Kinderhook"	4,349-4,355	April	73
Wil South NW SW NW 2-26-16W	L. C. Smitherman Drig. Co. No. 1 Bryant	Mississippian	4,401-4,423	Oct.	28
Ellis County					
Air-Braun CE½ SW SE 27-13-16W	Rudy Herman Oil Oper. & Triangle Drig., Inc. No. 1 Reidel	Lansing-K.C.	3,502-3,504	Aug.	40
Blue Hill Northwest SW NE SE 3-12-16W	Leo J. Dreiling Oil Co. No. 1 Dreiling "F"	Arbuckle	3,300-3,306	Dec.	114
Chris NE SW NE 34-11-16W	Rupp-Ferguson Oil Co. No. 1 Chrisler	Arbuckle	3,395-3,398	Oct.	83
Chrisler South SW SW NW 27-11-16W	Rupp-Ferguson Oil Co. No. 1 Snapp	Lansing-K.C.	3,158-3,161	Aug.	296
Eagle Creek East SW NE SE 2-11-20W	Thos. H. Allan No. 1 Keller	Lansing-K.C.	3,348-3,353	Oct.	51
Herbert S½ SE SW 18-13-20W	Birmingham-Bartlett Drig. Co. No. 1 Herbert	Arbuckle	3,907-3,926	Dec.	91
Toulon South NW NW NW 14-14-17W	Okmar Oil Co. No. 1 Brungardt	Arbuckle	3,523-3,533	March	29
Toulon Southeast SW SW NE 11-14-17W	Okmar Oil Co. No. 1 Lang	Lansing-K.C.	3,348-3,352	May	10
Werth NW SW NW 2-13-20W	Petroleum, Inc. & Nadel & Gussman No. 1 Werth	Arbuckle	3,833-3,839	June	145
Graham County					
Brassfield South SE SE SW 2-10-22W	K & E Drig., Inc. No. 2 Callison "A"	Lansing-K.C.	3,764-3,769	Feb.	91
Fabricius C NE NW 25-7-23W	Imperial Oil of Kans., Inc. No. 1 Fabricius	Lansing-K.C.	3,637-3,638 3,648-3,650	May	2,769
Fabricius South C SW NW 36-7-23W	Burch Drig. Co., Inc. & Benedict Oil Assoc. No. 1 Jackson	Lansing-K.C.	3,669-3,671	Oct.	110
Faul NW NW NW 22-10-22W	Woodman-Iannitti & Brown & Fortier No. 1 Faulkner	Lansing-K.C.	3,760-3,764	May	38
Glen Dale Southeast SE SE NW 24-9-24W	Woodman-Iannitti & E. J. Carter No. 1 Drury	Lansing-K.C.	3,932-3,935	Dec.	42

TABLE 26.—Oil and gas pools discovered in Kansas during 1958, continued

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month named	Initial production, bbl. per day
Gurk NE SW SE 18-10-25W	Empire Drlg. Co., & N.C.R.A. No. 1 Krug "A"	Lansing-K.C.	3,824 (top)	April	397
Harmony South C NE NE 7-8-22W	K & E Drlg., Inc. & Benedict Oil Assoc. No. 1 Stuchlik	Lansing-K.C.	3,578-3,586	Aug.	30
Highland Southwest NW NW SW 29-8-22W	Imperial Oil of Kans., Inc. No. 1 Dreiling*	Lansing-K.C.	3,584-3,587	May	83
Hill City NW NW SE 24-8-23W	Imperial Oil of Kans., Inc. No. 1 Law "B"	Lansing-K.C.	3,601-3,604	May	132
Hutton SE SE NE 1-8-24W	Leben Drlg. Inc., et al No. 1 Hutton	Lansing-K.C.	3,764-3,767	June	105
Knoll Northwest NW NW NW 5-9-25W	K & E Drlg., Inc. No. 1 Johnson	Lansing-K.C.	3,981-3,986	Nov.	125
Kobler NE NE SE 27-8-24W	K & E Drlg., Inc., et al No. 1 Kobler "B"	Lansing-K.C.	3,841-3,844 3,854-3,861 3,870-3,875	May	90
McVey SE NE SW 7-10-22W	The Kimbark Co. No. 1 McVey	Lansing-K.C.	3,853-3,855	Aug.	165
Mildrexter Southeast SE SE SW 12-9-23W	Sunray Mid-Continent Oil Co. No. 1 Mildrexter	Lansing-K.C.	3,854-3,858	Jan.	9
Mitchell SE SE SW 20-9-24W	Burch Drlg. Co., Inc. No. 1 Mitchell	Lansing-K.C.	4,053-4,056	June	31
Montgomery East SE SE SE 4-8-23W	Murfin, Rains & Williamson No. 1 E. O. Johnson	Lansing-K.C.	3,706-3,710	Aug.	125
Mount Vernon C SW NE 6-7-22W	Murfin Drlg. Co. No. 1 Mildrexter	Lansing-K.C.	3,759-3,764	Dec.	326
Nana Northwest SW SW SW 33-7-24W	Burch Drlg. Co., Inc. No. 1 Goff	Lansing-K.C.	3,873-3,877	Nov.	163
Prairie Glen Southwest NW NW NE 35-10-23W	Burch Drlg. Co., Inc. No. 1 Kerman	Lansing-K.C.	3,734-3,736 3,699-3,702	Oct.	85
Swank NW NW NW 4-9-22W	Woodman-Iannitti & E. J. Carter No. 1 Swank	Arbuckle	3,903-3,913	May	73
Grant County Panoma North CNE NE 33-29-37W	Hugoton Prod. Co. No. 2-33 Hindmarsh	Council Grove	2,860-2,864 2,820-2,829 2,775-2,767	Jan.	2,431,000 cu. ft. gas
Greenwood County Lane SE SW SW 5-26-12E	C. H. Lane No. 1 Lane	Mississippian	1,853-1,860	Nov.	8
Salt Springs Northwest CN ¹ / ₂ S ¹ / ₂ SE 15-26-12E	Woltz Bros. & Butler No. 1 Williams	Mississippian	1,847-1,851	Aug.	10
Hamilton County Wedel C NE NW 1-22-41W	Kansas-Nebraska Natl. Gas Co., Inc. No. 1 Wedel	Winfield	2,752-2,768	Jan.	2,632,000 cu. ft. gas
Harper County Attica NW NW NW 16-32-8W	Aurora Gasoline Co. No. 1 Hoyt	Mississippian	4,364-4,372	May	21
Goheen SW SE SE 12-31-7W	Skelly Oil Co. No. 1 M. V. Goheen	Mississippian	4,310-4,334	May	12
Harper SE SE SE 11-32-7W	Walters Drlg. Co. No. 1 Coryell	Viola Simpson	4,711 (top) 4,714 (top)	May	15,000,000 cu. ft. gas & 133 D & A
Hibbord Northeast NE SE NW 31-33-8W	Kirby Petroleum Co. No. 1 J. M. Platt (Abandoned during 1958)	Mississippian	4,491-4,496	Oct.	
Harvey County Alta Mills SE NE NW 29-22-2W	Kewanee Oil Co. No. 1 Graber	Simpson	3,677-3,682	Oct.	111

TABLE 26.—Oil and gas pools discovered in Kansas during 1958, continued

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month named	Initial production, bbl. per day
DuBois North SW SW NW 35-24-2E	Renfro Drig. Co., et al No. 1 Corfman (Combined with DuBois)	"Burgess"	2,854 (top)	June	45
West Branch NW NW NW 23-23-2E	L. D. McJilton No. 1 Unruh	"Burgess"	2,773-2,775	Oct.	45
Haskell County					
Eubank NW NW NW 28-28-34W	Helmerich & Payne, Inc. No. 1 Eubank	Mississippian	5,439-5,445	March	401
Eubank South C NW NE 8-29-34W	Coppinger Drig., Inc. No. 1 Collingwood	Mississippian	5,433-5,445	Oct.	140
Koenig NE NW 12-29-34W	Coppinger Drig., Inc. No. 1 Koenig	Morrowan	5,294-5,302	Dec.	50
Hodgeman County					
Valley SE NE NW 7-21-24W	Kewanee Oil Co. No. 1 Herman	Mississippian	4,391-4,394	Dec.	76
Kingman County					
Alameda NE NW SE 23-28-7W	Cities Service Oil Co. No. 1 Chase	Lansing-K.C.	3,599-3,607	Aug.	158
Saylor NE NE NE 6-27-9W	Sierra Petroleum Co., Inc. Viola No. 1 Saylor (Abandoned during 1958)		4,211 (top)	Oct.	D & A
Kiowa County					
Booth C SE SE 19-30-17W	Gulf Oil Corp., et al No. 1 R. Booth (Abandoned during 1958)	Mississippian	4,939 (top)	Dec.	D & A
G. R. W. C NW SE 36-30-16W	Honaker-Davis Drig. Co. No. 1 Walker	Viola	4,734-4,744	May	167
Quaker C NE NE 10-27-19W	Hilton Drig. Co., Inc. No. 1 Friends University	Mississippian	4,789 (top)	Nov.	D & A
McPherson County					
Elyria NW SE NW 22-20-3W	Donald T. Ingling, et al No. 1 Stucky	Mississippian	3,075-3,097	Oct.	1,500,000 cu. ft. day
Goessel SW SW NE 12-21-1W	J. O. Sutton & Sons Drig. No. 1 Goossen	"Hunton"	3,407-3,410	May	12
Groveland Northeast SE SE SW 2-20-4W	Time Petroleum Co. No. 1 Southwest College	Misener	3,715-3,721	Oct.	50
Larson SE SE SE 33-18-2W	Brunson-Spines, Inc. No. 1 Larson	Mississippian	2,965-2,980	Sept.	31
Mound Ridge Townsite NW NW NE 27-21-2W	Brunson-Spines, Inc. No. 1 Krehbiel "G"	"Hunton"	3,379-3,383	Sept.	D & A
Marion County					
Antelope East SW SE NW 36-18-4E	Jennings, et al No. 1 Schoneman (Combined with Antelope)	Mississippian	2,322-2,353	June	25
Lincolntonville SW SW SW 1-18-4E	John T. Hannah No. 1 Hartke	Mississippian	2,265-2,300	Oct.	25
Meade County					
Mohler Northeast NW NW NW 36-33-29W	Skelly Oil Co. No. 1 B. H. Cordis	Morrowan	5,690-5,698	March	730,000 cu. ft. gas & 72
Morton County					
Elkhart West CE $\frac{1}{2}$ SW NE 17-35-43W	Pan American Petro. Corp. No. 1 Ella Brooks	Morrowan	4,299-4,301	March 1957	6,146,000 cu. ft. gas
Ness County					
Elmore NE NE NE 12-18-21W	R. W. Shields No. 1 Elmore	Cherokee	4,116-4,128	Sept.	270
Margheim SE SE SE 17-19-21W	Barnett Oil Co. No. 1 Margheim	Mississippian	4,339-4,347	Sept.	48
Pabst SE SE SW 24-18-21W	R. W. Shields No. 1 Pabst	Cherokee	4,054-4,059	May	3,000

TABLE 26.—Oil and gas pools discovered in Kansas during 1958, continued

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month named	Initial production, bbl. per day
Norton County					
Norton Townsite NW NW SE 26-2-23W	John O. Farmer, Inc., & Brooks Hall No. 1 Sanders (Abandoned during 1958)	Arbuckle	3,639 (top)	July	Temp. Abd.
Spieß NW NW SW 35-5-25W	K & E Drilg., Inc. No. 1 Spieß	Lansing-K.C.	3,645-3,648	Oct.	75
Pawnee County					
Bow SE NE SE 31-22-15W	Thos. H. Allan No. 1 Bowman*	Lansing-K.C.	3,625-3,632	Oct.	38
Dunes West SW SE SW 21-22-15W	D. F. O'Rourke No. 1 A. C. Wicks	Arbuckle	3,974-3,980	May	17
Jac SE NE SE 30-21-15W	McKnab Prod. Co., Inc. No. 1 Unruh	Arbuckle	3,903-3,908	Oct.	2,000,000 cu. ft. gas
Jessie SW SW NE 36-21-15W	Thunderbird Drilg., Inc. No. 1 Phinney	Lansing-K.C.	3,601-3,608	Oct.	60
Nixon NE NE NE 29-23-16W	D. R. Lauck Oil Co., Inc. et al No. 1 Hawes (Abandoned during 1958)	Mississippian	4,132 (top)	May	D & A
Orange SE SE NW 33-23-17W	Honaker-Davis Drilg. Co. No. 1 Miller	Penn. congl.	4,320-4,330	Aug.	D & A
Pratt County					
Hopewell NE NE SW 17-26-15W	Mull Drilg. Co., Inc. No. 1 Doggett	Lansing-K.C.	4,031-4,037	June	6,150,000 cu. ft. gas
Rolingson NW NW SW 30-27-12W	Tom Palmer, Inc. & Colorado Oil & Gas Corp. No. 1 Rolingson	Simpson	4,306-4,312	Dec.	1,608
Tatlock Southwest SW SW SE 30-26-15W	Mull Drilg. Co., Inc. No. 1 Chitwood	"Kinderhook"	4,377-4,415	July	4,633,000 cu. ft. gas
Rawlins County					
Sappa Creek C SW SW 24-4-34W	Jackson, Shear & Parker No. 1 Bowles	Marmaton	4,430-4,436	Sept.	115
Waterman SE SE SE 15-4-33W	Jackson & Shear No. 1 Waterman	Marmaton	4,280-4,288	Nov.	120
Reno County					
Stroud NW NW NW 34-23-5W	Messman-Rinehart Oil Co. No. 1 Stroud	Simpson	3,850-3,853	Oct.	81
Rice County					
Mooney SW NE SE 6-19-10W	Icer Addis No. 1 Mooney	Arbuckle	3,309-3,338	May	50
Wisby Northeast SW NE SE 32-21-9W	Thunderbird Drilg., Inc. No. 1 Fair	Simpson	3,553-3,559	Dec.	10
Rooks County					
Arpin East SW SE NW 4-9-20W	I. O. Miller Oil Co. No. 1 B. Holmes	Arbuckle	3,751-3,772	Sept.	17
Finnessy South SW SW NW 24-10-18W	Davis Bros. No. 1 Shepard "C"	Lansing-K.C.	3,447-3,495	Feb.	39
Kern West NW SE NW 29-9-20W	Reserve Drilg. Co., Inc. No. 1 Graham	Arbuckle	3,859-3,866	Sept.	100
Newlin SW SE SE 29-9-16W	Petroleum, Inc. No. 1 Newlin	Lansing-K.C.	3,305-3,309	Feb.	43
Ordway SE SW NE 20-10-18W	Davis Bros. No. 1 Ordway "E"	Lansing-K.C.	3,604-3,606	Feb.	41
Pywell NE NE NE 31-9-18W	Grant Oil Co. No. 1 Pywell*	Penn. congl.	3,708-3,711	Dec.	81
Windy Ridge SW SE NW 25-10-18W	Transit Corp. & Davis Bros. No. 1 Shepard "G"	Lansing-K.C.	3,426-3,428 3,431-3,435	Aug.	15

TABLE 26.—Oil and gas pools discovered in Kansas during 1958, continued

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month named	Initial production, bbl. per day
Rush County					
Herr North NE NE NW 12-16-18W	Imperial Oil of Kans., Inc. Arbuckle No. 1 Herrman		3,527-3,529	Aug.	D & A
Russell County					
Brundage South NW NE SW 16-12-15W	V-Do Oil Co. No. 1 F. W. Collins	Arbuckle	3,240-3,246	Oct.	37
Machin NW NW SE 4-13-14W	K & E Drilg., Inc. & Benedict Oil Assoc. No. 1 Machin	Lansing-K.C.	2,994-2,999	Sept.	135
Reich SW SW SW 28-12-15W	Rudy Herman Oil Oper. No. 1 Reich	Toronto	2,939-2,943	Dec.	55
Saline County					
Mortimer NE NE NE 5-16-1W	Gen. Amer. Oil of Texas No. 1 J. T. Mortimer	Mississippian	2,639-2,653	March	14
Sedgwick County					
Buzzi SW SW NW 32-25-1E	O. A. Sutton No. 1 Buzzi	"Hunton"	3,436-3,437	Oct.	148
Furley SW SW SW 10-25-2E	Graham-Michaelis Drilg. Co. & Ralph Weaver, Jr. No. 1 Ulmer	"Burgess"	2,857-2,870	Aug.	17
Seward County					
Adamson C NE SW 11-34-34W	Cabot Carbon Corp. No. 2 Adamson	Chesteran	6,330-6,400	Dec.	25,000,000 cu. ft. gas
Salley C NE SW 16-34-33W	Cities Service Oil Co. No. 2 Salley "C"	Toronto	4,338-4,342	Aug.	2,450,000 cu. ft. gas
Three Star C SW NE 17-35-32W	Shell Oil Co. No. 1 Light	Lansing-K.C.	4,547-4,559	Aug.	11,500,000 & 16
		Morrowan	6,066-6,088		2,200,000 & 14
		Chesteran	6,152-6,160		45,000,000 & 7
Sheridan County					
George Southwest SE SW SE 18-9-26W	Sauvage Drilg. Co., Inc. No. 1 Transue	Lansing-K.C.	3,860-3,870	Dec.	125
Sherman County					
Llanos CW½ NW NE 10-6-37W	Phillips Petro. Co. No. 1 Llanos	Cherokee	4,804-4,812	June	319
Stafford County					
Cline SE SW SE 25-24-13W	Sunray Mid-Continent Oil Co. No. 1 C. V. Cline	Lansing-K.C.	3,594-3,597	Aug.	252
Glasscock					
SW NE SE 32-24-13W	Chief Drilg. Co., et al No. 1 Glasscock (Abandoned during 1958)	Arbuckle	4,233-4,236	Aug.	D & A
H. A. H.					
NE SW SW 17-24-13W	Petroleum, Inc. No. 1 Harrison "B"	Lansing-K.C.	3,658-3,666	Aug.	76
Morning Star					
NE NW NW 1-25-14W	Musgrave Petro. Corp. No. 1 Sanders	Mississippian	4,025-4,043	April	200
Nagel					
SE SE NE 10-24-15W	Wilkinson Drilg., Inc. No. 1 Nagel*	Lansing-K.C.	3,735-3,741	Oct.	25
Waters					
SW NW SW 33-24-14W	Chief Drilg. Co., et al No. 1 Waters	"Kinderhook"	4,153-4,157	July	51
Wil Southeast					
SW SW NW 31-25-15W	Aurora Gasoline Co. No. 1 Giles (Combined with Wil)	Penn. Sand	4,329-4,336	June	700,000 cu. ft. gas & 312
Stanton County					
Sparks West C NW 26-30-43W	Robinson Bros. No. 1 Hume*	Morrowan	5,270-5,330	Dec.	2,300,000 cu. ft. gas
Stevens County					
Panoma Southwest C SE NE 35-31-39W	Hugoton Prod. Co. No. 2-35 Cauner	Council Grove	2,710-2,750 2,765-2,768	Jan.	7,418,000 cu. ft. gas

TABLE 26.—Oil and gas pools discovered in Kansas during 1958, concluded

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month named	Initial production, bbl. per day
Sumner County					
Anson Southeast NE NE NE 12-31-2W	Beardmore Drig. Co. No. 1 Nyberg	Mississippian	3,738-3,752	Jan.	55
Badger Creek C SW NE 1-34-1E	Globe Oil & Refg. Co. No. 1 M. A. Johnson	Simpson	3,966-3,972	Sept.	133
Crowe SE SE SW 10-35-1W	A. C. Lawson No. 2 Crowe	"Layton"	3,245-3,250	July	16
Horsch SE SW SW 4-31-1W	Shawver-Armour, Inc. & Russell Cobb, Jr. No. 1 Horsch	Mississippian	3,664-3,672	June	40
McIlhenny SE SE NW 1-31-4W	South Texas Dev. Co. No. 1 McIlhenny	Kansas City	3,575-3,578	Dec.	58
Markley NW NW SE 22-30-1E	Shawver-Armour, Inc. No. 1 Markley	Simpson	3,809-3,814	Dec.	28
Moyer NE NE SW 12-31-3W	Stelbar Oil Corp., Inc. No. 1 Moyer	Kansas City	3,344-3,346	Dec.	32
Pride SW SE NE 34-31-2W	Gulf Oil Corp. No. 1 Fuqua	"Elmont"	1,850-1,860	June	2,887,000 cu. ft. gas
Seydell SW SW SE 17-30-1E	Shawver-Armour, Inc. No. 1 Seydell	Simpson	3,826-3,836	Jan.	3000
Voils NE NE NE 17-30-1W	White & Ellis Drig. Co. No. 1 Voils	Mississippian	3,499-3,512	Dec.	W.O.P.
Wusk NE NE NW 18-31-1W	A. F. Brann No. 1 Wusk	Mississippian	3,711-3,715	Sept.	39
Trego County					
Bin NE NE NW 31-11-22W	Dunne-Gardner Drig., Co., Inc. & Benedict Oil Assoc. No. 1 Albin	Lansing-K.C.	3,776-3,782	Oct.	103
Egger SW NE SW 12-13-21W	B & B Casing Crew No. 1 Egger	Arbuckle	3,825-3,828	Nov.	149
Sunny Slope NW NW NW NE 21-14-21W	Woodman & Iannitti & Frank A. Oyster No. 1 Switzer	Penn. Congl.	3,944-3,949	Nov.	17
Wabaunsee County					
Ashburn NW NW SE 29-14-10E	Wm. Gruenerwald No. 1 Ashburn	Viola	3,255-3,262	June	98

* Old well worked over.

TABLE 27.—Fields revived during 1958

County, pool, and location of revival well	Revival well	Producing zone	Production depth, feet	Month re-lived	Initial production, bbl. per day
Barber County					
Medicine Lodge West CN ¹ / ₂ NW NW 28-33-14W	Mull Drilg. Co., Inc. No. 1 "A," Bartholomew Combined with Medicine Lodge-Boggs	Mississippian	4,643-4,681	Feb.	25,500,000 cu. ft. gas
Barton County					
Kruckenbergl NW SW NW 13-19-15W	McKnab Prod. Co., Inc. No. 1 Kruckenbergl	Arbuckle	3,562-3,568	April	19
Moses NE NE SE 14-20-14W	Alpine Oil & Royalty Co. No. 1 Moses	Arbuckle	3,540-3,554	Dec.	3
Ellis County					
Gasaway SW NE SW 2-11-19W	Leben Drilg., Inc. No. 1 Herriman*	Topeka	3,079-3,087	Oct.	7
Graham County					
Conness SW SW SW 23-10-23W	Kaiser-Francis No. 1 "A," Conness Abandoned during 1958	Lansing-K.C.	3,712-3,716	June	140
Montgomery N ¹ / ₂ N ¹ / ₂ SE 8-8-23W	John O. Farmer, Inc. No. 2 "B," Ellsworth	Lansing-K.C.	3,511-3,544	Sept.	135
Marion County					
Doyle Creek NE NE NW 6-22-3E	O. A. Sutton Oil Prop.-Inv. & Oil Trading Corp. No. 1 Windsor	"Hunton"	2,891-2,899	March	65
Russell County					
Beisel SW NW NW 15-14-12W	Thos. H. Allan, et al. No. 1 Beisel	Arbuckle	3,272-3,279	March	54
Stafford County					
Grunder SE SE SW 11-25-15W	Gilead Oil & Gas No. 1 Wilson	Mississippian	4,184-4,213	July	3,589,000 cu. ft. gas
Trego County					
Wakeeney East SW NW NE 24-11-23W	Imperial Oil of Kans., Inc. No. 1 Dorman Abandoned during 1958	Lansing-K.C.	3,624-3,628	May	29

* Old well worked over

TABLE 28.—New oil and gas zones in old producing fields, 1958

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month of discovery	Initial production, bbl. per day
Barber County					
DeGeer SE SE NE 3-33-15W	Sinclair Oil & Gas Co. & Prairie Oil & Gas Co., Inc. No. 1 DeGeer "C"	Simpson	5,356-5,358	Dec. 1948	3,000
Elsa NE NE SE 28-32-14W	Petroleum, Inc. No. 1 Jacobs "F"	Marmaton	4,668-4,688	July	75
Wells NE NE SW 18-34-15W	Honaker-Davis Drilg. Co. No. 1 Wells	Cherokee	4,768-4,778	Dec. 1957	37
Wells NE NE SW 18-34-15W	Honaker-Davis Drilg. Co. No. 1 Wells*	Marmaton (Massey)	4,698-4,704	June	4,291,000 cu. ft. gas
Barton County					
Clarence Northwest SW NE NW 35-19-15W	M. J. Bove No. 1 Button	Lansing-K.C.	3,394-3,402	June 1954	55
Demel NE NW SW 6-17-11W	White Eagle Oil Co. No. 1 Demel	Lansing-K.C.	3,053-3,057 3,118-3,124	March	25
Ney South SW NE NE 1-16-13W	Petroleum, Inc. No. 2 Ney	Topeka	2,940-2,950	May	57
Olmitz SW SE SE 36-17-15W	V. D. Slidey Drilg. Co. No. 1 Bartonek	Lansing-K.C.	3,295 (top)	Nov.	25
Butler County					
Asmusson NE NE SE 17-29-4E	J. H. Wagner Drilg. Co. No. 1 Martin	Lansing-K.C.	1,840-1,846	Nov. 1957	5
Cowley County					
Atlanta SW SW 2-30-6E	H. H. Blair No. 2 Kingan	"Stalnaker"	1,816-1,820	June	10
Atlanta SW SW SW 2-30-6E	H. H. Blair No. 2 Lehmann	Arbuckle	3,274-3,284	July	25
Atlanta NW NW SW 11-30-6E	H. H. Blair No. 1 Markley	Kansas City	2,174-2,180	July	44
Gibson SW SE NW 32-34-3E	The Texas Co. No. 2 Bryant "A"	Mississippian	3,400-3,412	May 1952	86
Gibson NW NE SW 29-34-3E	Moorer, et al. No. 1 Collinson	Severy	1,462 (top)	June 1944	12,500,000 cu. ft. gas
Posey SW SE NW 21-33-4E	A. W. Hollday Oil Co. No. 2 Collinson	"Prue"	2,953-2,957	Aug.	20
Posey NE SE SW 21-33-4E	Bert L. Jones No. 2 Collinson*	"Cleveland"	2,751-2,761	Jan.	140
School Creek North SE NW NE 10-32-7E	B. M. D. Management No. 11 Beamer*	"Cleveland"	2,443-2,453	May	5,000,000 cu. ft. gas
Seacat NW NW NW 26-33-4E	Deep Rock Oil Co. No. 1 Seacat	"Layton"	2,385- (top)	May 1945	10
Waldschmidt NE NE SE 17-34-6E	Renfro Drilg. Co. No. 1 J. Waldschmidt Combined with Waldschmidt South	"Stalnaker"	1,821-1,823	Aug.	1,000,000 cu. ft. gas & 71
Weathered SE SW NE 4-32-3E	Jimmy Razook No. 2 Elder "B"	"Bartlesville"	3,018-3,024	Aug.	25
Edwards County					
Belpre C SL NW¼ 3-25-16W	Chief Drilg. Co., et al. No. 1 Breitenbach	Mississippian	4,278-4,286	Oct.	2,000,000 cu. ft. gas
Kirk NW NW SE 24-26-16W	Ambassador Oil Corp. No. 1 D. W. Johnson*	Cherokee	4,392-4,398	July	6,700,000 cu. ft. gas
Trousdale South C NE SW 4-27-16W	Sunray Mid-Continent Oil Co. No. 1 Lilly French	"Kinderhook"	4,525-4,558	Feb.	960,000 cu. ft. gas & 48
Ellis County					
Catherine South SW NE NE 15-13-17W	Gelbler No. 1 Dorzweler	Penn. congl.	3,538-3,544	Nov.	151
Catherine Townsite SW SW SE 9-13-17W	The Texas Co. No. 1 Karlin	Lansing-K.C.	3,418-3,423 3,429-3,437	Sept. 1957	27
Chris SE SW SE 27-11-16W	John O. Farmer, Inc. No. 1 Bowiby	Lansing-K.C.	3,042-3,045	Nov.	27

TABLE 28.—New oil and gas zones in old producing fields, 1958, continued

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month of discovery	Initial production, bbl. per day
Deichant NE NE NW 7-15-18W	Thunderbird Drlg., Inc. No. 1 Urban	Lansing-K.C.	3,468-3,474	Dec. 1957	25
North SE NE SW 29-15-20W	Nat'l. Coop. Refg. Assoc. No. 1 D. K. Noren	Lansing-K.C.	3,562-3,570	May	20
Richards C NW 5-11-18W	Nat'l. Coop. Refg. Assoc. No. 1 Cleve	Toronto	3,295-3,297	Dec.	80
Toulon South SW NW NW 14-14-17W	Okmar Oil Co. No. 2 Brungardt	Lansing-K.C.	3,302-3,312	July	103
Finney County					
Damme NE NW SW 21-22-33W	Nat'l. Coop. Refg. Assoc. No. 3 Damme	Morrowan	4,700 (top)	June 1953	216
Graham County					
Elrick NE NW SE 9-10-25W	Wood River Oil & Refg. Co. No. 3 Garey Combined with Elrick Northeast	Cherokee	4,212-4,222	Dec.	288
Elrick C S½ SE NE 16-10-25W	Empire Drlg. Co. & N.C.R.A. No. 2 Knoll* Combined with Elrick Northwest	Toronto	3,770-3,778	Jan.	240
Swank SW SW SW 33-8-22W	Imperial Oil of Kans., Inc. No. 1 Frigon	Lansing-K.C.	3,611-3,615	Oct.	145
Harvey County					
Ginggrass SW SE NE 17-24-2E	E. H. Adair Oil Co. No. 2 Ginggrass*	"Burgess"	2,831-2,833	June	36
Haskell County					
Eubank C SE SW 21-28-34W	Northern Natural Gas Co. No. 1 Sprunger "B"	Lansing-K.C. Cherokee	4,112 (top) 4,843 (top)	Sept.	131 64
Kearny County					
South Side NE NE SW 14-26-35W	White Eagle Oil Co. No. 1-14 U.S.A.*	Lansing-K.C.	4,129-4,142	Oct.	104
Marion County					
Fairplay SW SE SE 26-21-4E	E. H. Adair Oil Co. No. 4 Depler	"Hunton"	2,458 (top)	May	39
Meade County					
Mohler NE NE NW 3-34-29W	Skelly Oil Co. No. 1 Kolb	Morrowan	5,769-5,784	Nov.	1,120,000 cu. ft. gas & 26
Sanders C NW SE 11-32-29W	The Texas Co. No. 1 A. D. Sanders "C"*	Morrowan	5,533-5,566	March	1,620,000 cu. ft. gas
Norton County					
Densmore NW NE NW 13-5-22W	Bennett & Roberts Drlg. Co. No. 1 Bullock	Lansing-K.C.	3,314-3,322	Oct.	25
Pawnee County					
Shady W½ W½ SW 35-22-16W	K & E Drlg., Inc. No. 1 Gallart*	Viola	3,920-3,932	July	3,378,000 cu. ft. gas
Sweeney West NW SW NW 13-21-16W	D. R. Lauck Oil Co., Inc. No. 1 Haney	Arbuckle	3,833-3,836	May	35
Pratt County					
Carver-Robbins NW NW SE 15-27-15W	Osage Oil & Gas Co., Inc. No. 1 Thompson	Mississippian	4,509-4,514	Jan.	1,500,000 cu. ft. gas & 20
Rice County					
Calf Creek NE NE SE 33-18-10W	B. B. Buhler No. 1 Haas	Penn. congl.	3,270-3,280	Aug. 1952	30
Calf Creek NW NE NE 33-18-10W	Skelly Oil Co. No. 1 Buhler "B"	Lansing-K.C.	3,006-3,018	Oct. 1957	75

TABLE 28.—New oil and gas zones in old producing fields, 1958, concluded

County, pool, and location of discovery well	Discovery well	Producing zone	Production depth, feet	Month of discovery	Initial production, bbl. per day
Rooks County					
Whisman NE SE SW 9-9-20W	I. O. Miller Oil Co. No. 1 Whisman	Arbuckle	3,650-3,671	Feb.	200
Williams North NW NW NE 5-10-18W	Grant Oil Co. No. 1 Hilgers*	Penn. congl.	3,714-3,717	Jan.	110
Williams Northwest NW NE SW 31-9-18W	Grant Oil Co. No. 1 Baumgartner "B"	Simpson	3,725-3,730	Nov.	242
Williams Southeast NW NW SW 16-10-18W	Davis Bros. No. 1 Ordway "C"	Simpson	3,660 (top)	July	120
Russell County					
Beisel SW NE NW 15-14-12W	Thos. H. Allan No. 2 Beisel	Penn. congl.	3,249-3,253	May	144
Brundage NW NW SE 9-12-15W	Louis M. Mai Operations No. 2 Brundage	Arbuckle	3,136-3,140	Jan.	28
Reich SW NW SW 28-12-15W	Rudy Herman Oil Operations No. 2 Reich	Lansing-K.C.	3,018-3,021	Dec.	161
Scott County					
Keystone SW NW NW 30-18-31W	Amerada Petro. Corp. No. 1 Chance	Chase		Jan. 1951	633,528 cu. ft. gas
Sedgwick County					
Cross NW NW NE 26-25-1W	Time Petroleum Co. No. 1 Harpster	"Hunton"	3,574-3,579	July	25
Newman CN ² NW SW 12-25-2E	John P. Gaty No. 1 Schwemmer	Mississippian	2,784-2,786	Nov.	8
Seward County					
Massoni C NW SE 5-33-31W	Cabot Carbon Corp. No. 1 Massoni	Morrowan	5,590-5,610	Dec. 1955	8,000,000 cu. ft. gas
Massoni C SE NW 4-33-31W	Cabot Carbon Corp. No. 1 N. Burr	Marmaton	5,031-5,041	Sept.	171
Sheridan County					
Hoxie C SW SE 36-8-29W	John O. Farmer, Inc. & Durbin Bond & Co., Inc. No. 2 Mosier	Lansing-K.C.	3,901-3,904	Dec.	100
Sherman County					
Llanos C SW SE 3-6-37W	Phillips Petroleum Co. No. 1 Hartley "A"	Kansas City Marmaton	4,439-4,451 4,504-4,509	Aug.	289 345
Stafford County					
Albano NE SE SE 1-25-14W	Petroleum, Inc. No. 1 Goodman	Arbuckle	4,270-4,280	April	199
Heyen NE SE NE 23-22-12W	B. E. Ash No. 1 Byer "A"	Lansing-K.C.	3,321-3,333	April	25
Radium Townsite NW NW SE 5-22-14W	D. R. Lauck Oil Co., Inc. No. 1 Long*	Simpson	3,820- 3,826	Sept.	108
Saterlee SE SE SE 25-24-15W	Natural Gas & Oil Co. No. 1 Elmore	Mississippian	4,172-4,178	Jan.	265
Seevers Northwest SE SE NE 1-25-14W	Petroleum, Inc. No. 1 Goodman "B"	Mississippian	4,042-4,050	April	252
Taylor NE NE NE 16-21-14W	Alpine Oil & Royalty Co., Inc. No. 1 Ratzlaff	Viola	3,690-3,700	Nov.	73
Sumner County					
Churchill SW SW SE 25-31-2E	M & F Oil Co. No. 2 Herrick "A"	"Layton"	1,874-1,875	March	12
Rutter Southwest SE NE SW 29-33-2E	Aladdin Petro. Corp. No. 1 Totten	Simpson	3,551-3,556	Jan.	104

* Old well worked over.

TABLE 29.—Fields abandoned in Kansas during 1958

County, pool, and location of discovery well	Discovery well	Producing Zone			Cumulative production, bbl.	Year of discovery	Month of abandon- ment
		Name	Depth, ft.	Thick- ness, ft.			
Barber County							
Salt Fork	No. 1 Davis Ranch	Mississippian	4,982	21	1,577	1954	August
Barton County							
Bergtal	No. 1 Schmidt	Arbuckle	.....	.....	2,664(*)	1941	August
Bertal South	No. 1 Bowman	Arbuckle	3,675	.....	108	1951	June
Dundee	No. 1 Christianson	Arbuckle	3,507	.....	13,745(†)	1945	August
Frank	No. 1 Hammeke "B"	Lansing-Kansas City	3,322	6	14,926	1952	August
Pawnee Rock East	No. 1 Unruh	Arbuckle	3,814	.....	26,408	1941	August
Rolling Green	No. 1 Schartz	Lansing-Kansas City	3,257	.....	16,333	1948	August
Sandrock Southeast	No. 1 McDonald	Lansing-Kansas City	3,262	18	2,043	1954	August
Sunflower	No. 1 Klug	Arbuckle	3,376	.....	1,969	1949	August
Sunny Valley Southwest	No. 1 Murphy	Lansing-Kansas City	3,336	5	12,864	1954	April
Butler County							
Bare	No. 1 Bare	"Bartlesville"	2,778	11	3,110	1952	June
Butwick Northeast	No. 1 Holder	"Chat"	2,820	.....	4,269	1949	August
Dunn's Mill	No. 1 Eckels	Arbuckle	.....	.....	.....	1958	June
Eckel	No. 1 Eckel	Lansing-Kansas City	2,190	.....	69,146	1940	June
Guyot	No. 1 Guyot	"Bartlesville"	2,900	8	11,890	1948	August
Joseph	No. 1 Joseph	"Chat"	2,491	12	4,364	1947	August
King	No. 1 King	Mississippian	.....	.....	.....	1925	June
Kramer-Stern South	No. 1 Gardiner	Viola	.....	.....	.....	1947	June
McCaig	No. 1 McKaig	"Bartlesville"	.....	.....	.....	1937	June
McCullough	No. 1 McCullough Est.	Simpson	3,169	.....	491,566	1929	August
Pettit	No. 1 Pettit	Simpson	.....	.....	.....	1926	August
Potwin South	No. 1 Joseph	Mississippian	.....	.....	.....	1943	June
Thompson	No. 1 Thompson	Mississippian	2,562	.....	.....	1929	June
Vandenberg	No. 1 Vandenberg	Lansing-Kansas City	3,222	.....	.....	1942	June
Weaver	No. 1 Tegue	"Bartlesville"	.....	.....	.....	1922	June
Whitewater North	No. 1 Johnson	Viola	2,700	.....	6,135	1951	June
Womack	No. 1 Womack	"Bartlesville"	.....	.....	.....	1947	June

Chautauqua County	33-11E	"Peru"	1,100	...	...	December
Brown-Sturgis	16-32-13E	"Peru"	...	...	...	December
(*)Caney West		"Burgess"	1,550	...	...	December
Hoover						
Cheyenne County	26-1-39W	Marmaton	...	0	...	March
Judith						
Cowley County	35-34-3E	"Hoover"	1,981	6	402	May
Arkansas City Southwest	24-31-5E	Mississippi	2,999	54	1,450	May
Bogner	13-31-7E	Kansas City	2,100	...	246,000	August
Brown	33-31-7E	"Layton"	2,041	3	0	June
Cambridge	24-34-5E	Mississippi	3,123	7	0	May
Cameron	8-31-7E	Kansas City	2,200	...	20,574	August
Clover	7-30-5E	Mississippi	2,818	...	...	May
Daniels	36-33-6E	Mississippi	2,878	...	12,420	May
Doane	21-34-7E	Kansas City	2,610	...	4,718	June
Donelson	35-31-4E	"Bartlesville"	2,924	14	486	May
Dutch Creek	35-33-3E	"Bartlesville"	...	...	...	May
Enterprise	35-7E	"Layton"	2,000	112	1,272,687	August
Falls City	11-35-6E	Mississippi	3,055	16	0	May
Falls City Northwest	13-35-6E	Mississippi	2,996	...	480	May
Falls City West	7-34-3E	"Bartlesville"	3,378	...	...	May
Geuda Springs West	28-34-5E	"Bartlesville"	3,019	...	4,591	May
Rahn Southwest	14-33-3E	"Bartlesville"	3,297	6	2,151	May
Rainbow Bend East	15-32-7E	"Bartlesville"	2,800	...	27,677	August
School Creek	18-32-6E	"Layton"	...	...	469	May
Turner North	9-33-6E	Mississippi	3,072	...	...	May
Wilson						
Elk County	29-28-12E	Kansas City	1,130	...	...	December
Bunyard	18-31-12E	Arbuckle	...	...	...	December
Clear Creek	22-31-11E	"Peru"	...	...	...	December
Elk Falls	21-30-11E		...	...	...	December
Fleak	29-12E		...	...	...	December
Hinderliter	5-31-13E	No. 1 E. Duby	...	...	...	December
Kinzey	29-31-11E	No. 1 A. Lavelle	...	...	...	December
Lavelle	16-31-9E	No. 1 Logsdan	2,272	...	861	December
Logsdan		"Burgess"	...	...	...	December

TABLE 29.—Fields abandoned in Kansas during 1958, continued

County, pool, and location of discovery well	Discovery well	Producing Zone			Cumulative production, bbl.	Year of discovery	Month of abandon- ment
		Name	Depth, ft.	Thick- ness, ft.			
Mills	14-30-10E	No. 2 L. P. Mills	2,000	...	...	1927	December
Moline South	22-31-10E	No. 1 Mann	...	...	...	1935	December
Oak Valley South	31-31-13E	...	...	...	...	...	December
Preston	12-30-9E	No. 1 Donnell	2,020	...	...	1925	December
Schade	30-13E	...	...	...	...	...	December
Upola	30-13E	...	...	...	...	...	December
Youngmeyer	25-28-8E	No. 1 Porter	...	...	2,087	1941	December
Ellis County							
Antonino Townsite	2-15-19W	No. 1 Haas	3,697	...	32,470	1949	August
Erbert Southeast	28-12-20W	No. 1 Raynesford	3,857	...	1,215	1954	August
Huser	12-15-19W	No. 1 Huser	3,643	4	0	1957	August
Lookout Hollow	31-14-18W	No. 1 Ruder	...	...	1,080	1950	August
Reichert	9-15-19W	No. 1 Reichert	3,629	...	...	...	August
			3,423	7	492	1953	August
Gove County							
Beougher	8-13-30W	No. 1 Beougher	4,079	3	652	1952	March
Jasper	30-15-29W	No. 1 Jasper	3,670	3	740	1951	August
Lundgren	30-14-29W	No. 1 Lundgren	4,306	10	4,755	1952	August
Pyramids	9-15-31W	No. 1 Jones	4,280	...	4,387	1952	August
Graham County							
Brush Creek Southwest	8-9-23W	No. 1 Frazier	3,841	4	1,445	1957	July
Gray County							
Jumbo	29-29-27W	No. 1 Salmon	5,103	8	0	1953	August
Greenwood County							
Brinegar North	28-26-13E	No. 1 Keller	1,497	7	...	1945	August
Gilroy	12-25-12E	No. 1 Gilroy	1,600	...	...	1928	August
Honey Creek	32-26-11E	No. 1 Johnson	1,871	...	...	1950	August
Neal	26-13E	...	1,525	...	...	...	August

Parks	11-24-20E	No. 1 Parks	Mississippian	2,675	...	...	1923	August
Salt Springs	23-26-12E	No. 1 Evans (OWWO)	Arbuckle	2,036	2	...	1954	August
Tonovay West	33-25-11E	No. 1 Hall	Mississippian	1,948	...	...	1950	August
Verdigris	2-24-12E	No. 1 Jones	Mississippian	1,760	...	...	1952	August
Harper County								
Hibbard Northeast	31-33-8W	No. 1 J. M. Platt	Mississippian	4,491	5	0	1958	December
Harvey County								
Jester Creek	3-24-1E	No. 1 Lettelman	Kansas City	2,687	3	1,202	1949	May
Kingman County								
Dewey North	5-28-5W	No. 1 Ramsdale	Lansing-Kansas City	3,248	3	1,251	1955	August
(¹)Saylor	6-27-9W	No. 1 Saylor	Viola	4,211	...	510	1958	December
Kiowa County								
Booth	19-30-17W	No. 1 R. Booth	Mississippian	4,939	...	0	1958	December
Brenham	29-28-17W	No. 1 Repp	Mississippian	4,821	...	179	1947	August
Lane County								
North Fork	19-17-29W	No. 1 Floyd	Lansing-Kansas City	4,333	...	10,974	1952	August
Logan County								
Oakley	3-11-32W	No. 1 Bertrand	Marmaton	4,376	...	0	1956	August
McPherson County								
Bitikofer	1-20-1W	No. 1 Bitikofer	"Chat"	2,885	24	219,939	1940	August
Bitikofer North	25-19-1W	No. 1 Sinclair	Mississippian	2,892	...	9,043	1946	August
Doles Park	12-19-1W	No. 1 Wain	Mississippian	...	...	...	1947	June
(¹)Gypsum Creek				...	...	3,215	...	August
Marion County								
Biscuit Hill	37-21-4E	No. 1 Brown	Mississippian	2,269	...	...	1952	June
Blackmur	11-21-2E	No. 1 Blackmur	"Huntton"	2,886	4	...	1957	June
Cedar Creek	31-20-5E	No. 1 Robinson	Viola	2,563	3	2,182	1950	June
Durham South	3-19-2E	No. 1 Hett	Simpson	3,039	2	2,943	1954	June
Meade County								
Horace Northeast	11-34-29W	No. 1 Adams Ranch "A"	Marmaton	5,217	3	0	1957	March
Morris County								
Diamond Springs	11-17-6E		Lansing	...	...	...	...	July
Youtsey	31-16-5E	No. 1 Youtsey	Mississippian	2,270	20	0	1957	May

TABLE 29.—Fields abandoned in Kansas during 1958, concluded.

County, pool, and location of discovery well	Discovery well	Producing Zone			Cumulative production, bbl.	Year of discovery	Month of abandon- ment
		Name	Depth, ft.	Thick- ness, ft.			
Ness County							
Manteno	No. 1 Bowman	Warsaw	4,549	...	56,158	1945	August
Norton County							
Townsite	No. 1 Sanders	Arbuckle	3,639	...	451	1958	December
Pawnee County							
Nixon	No. 1 Hawes	Mississippian	4,132	...	0	1958	August
Oro West	No. 1 Pfenninger	Penn. cong.	4,124	...	3,891	1953	August
Phillips County							
Kent	No. 1 Kent	Lansing-Kansas City	3,432	...	1,472	1951	August
Wolf Creek	No. 1 Bales	Lansing-Kansas City	3,212	2	7,508	1954	April
Reno County							
Albion North	No. 1 Graber	Viola	3,997	...	767	1950	August
Grove	No. 1 Morris	Mississippian	3,884	...	739	1954	August
Rice County							
Bowman North	No. 1 Wendel "A"	Arbuckle	3,331	...	13,629	1948	August
Fair	No. 1 Fair	Penn. cong.	3,358	10	6,919	1952	July
Green	No. 1 Green	Mississippian	3,388	...	618	1953	August
Guldner	No. 1 Guldner	Arbuckle	3,250	...	.....	1955	August
Munyon East	No. 1 Zink	Arbuckle	3,274	...	5,234	1953	August
Orth North	No. 1 Boldt	Arbuckle	3,262	8	2,497	1956	June
Prosper	No. 1 Ploog	Arbuckle	3,232	...	10,256	1948	August
Rooks County							
Locust Grove Southeast	No. 1 Anderson	Arbuckle	3,400	...	4,525	1951	August
Stamper	No. 1 Stamper	Marmaton	3,394	...	910	1950	August
Sweet	No. 1 Sweet	Arbuckle	3,423	...	4,738	1951	August
Volts South	No. 1 Catudal	Lansing-Kansas City	3,303	...	12,524	1947	August
Rush County							
Herr	No. 1 Herrman	Lansing	3,424	15	0	1957	July
Timken	No. 1 Peterson	Arbuckle	3,729	...	1,297	1952	April

^a Extends into Monigomery County
^b Extends into Reno County
^c Extends into Saline County
^d Extends into Butler County

TABLE 30.—Fields combined in Kansas during 1958

County and name of field combined	Discovery well location	Producing Zone				Year of discovery	Cumulative production, bbl.	Month of combination	Combined as part of
		Area, acres	Name	Depth, ft.	Thick- ness, ft.				
Barber County									
Goemann	29-32-10W	800	Mississippian	4,433	7	1955	8,157	February	McGuire-Goemann
McGuire	24-32-11W	80	Mississippian	4,403	20	1956	546(*)	February	McGuire-Goemann
Medicine Lodge West	28-33-14W	40	Mississippian	4,641	38	1956	.....	February	Medicine Lodge-Boggs
Barton County									
Holington North	16-17-13W	320	Arbuckle	3,412	3	1956	44,672	January	Ainsworth South
St. Peter Northwest	29-18-11W	40	Lansing-Kansas City	3,192	4	1957	4,049	December	Feist
Butler County									
DeMoss	8-28-7E	500	"Bartlesville"	2,650	...	1934	.....	November	Keighley
Lucas	6-27-8E	300	"Burgess"	2,680	...	1946	.....	February	Keighley
Mellor West	1-24-3E	40	Mississippian	2,503	2	1958	.....	December	Mellor
Seward	27-27-7E	400	"Bartlesville"	2,650	...	1926	1,212,162	February	Keighley
Cowley County									
(¹) State Line	14-35-2E	3,760	"Cleveland"	3,158	...	1953	2,218,003	May	Murphy
Waldschmidt South	17-34-6E	200	Mississippian	3,443	...	1957	6,038	May	Waldschmidt
Werner Northeast	31-32-6E	40	"Layton"	2,295	5	1957	4,175	April	Werner
Edwards County									
Embry East	24-24-16W	40	"Kinderhook"	4,215	...	1957	.....	January	Embry
Wil Northeast	23-25-16W	40	Mississippian	4,339	6	1958	.....	July	Wil
Graham County									
Eirick Northeast	10-10-25W	80	Lansing-Kansas City	3,984	26	1957	4,807	November	Eirick
Eirick Northwest	9-10-25W	40	Lansing-Kansas City	4,015	6	1957	2,320	November	Eirick
Lyon County									
Bradfield Northwest	13-21-10E	320	Viola	2,522	5	1953	.....	February	Bradfield

Marion County	36-18-4E	40	Mississippian	2,320	31	1958	September	Antelope
Antelope East	4-19-4E	10	Mississippian	2,371	9	1956	September	Antelope
Antelope South	2-19-4E	10	Mississippian	2,337	8	1956	September	Antelope
Antelope Southeast	11-19-4E	80	Mississippian	2,292	9	1957	September	Antelope
Beauty South	19-4E	640	"Chat"	.....	.....	1926	September	Antelope
Propp	16-19-4E	600	Mississippian	2,302	42	1953	September	Antelope
Quarry Siding Southeast	14-19-4E	20	Mississippian	2,324	38	1957	September	Antelope
Morton County	5-32-43W	640	Wabunsee	2,812	....	1953	March	Greenwood
Dreyer	23-31-42W	40	Shawnee	3,136	....	.....	March	Sparks
(*) Sparks South			Morrowan	5,196	..	1957	.....	.....
Reno County	21-26-9W	40	Lansing-Kansas	3,428	12	1944	January	Lerado
Lerado Southwest			Viola	4,177	11	.....	.....	.....
Rice County	34-20-7W	40	Penn. congl.	3,348	6	1949	January	Wherry
Engelland	23-20-6W	160	"Chat"	3,334	32	1937	January	Welch-Bornholdt
Sedgwick County	35-24-2E	40	"Burgess"	.....	....	1958	November	DuBois
DuBois North	1-26-2E	280	Mississippian	2,827	5	1956	January	Greenwich
Greenwich Northeast	34-26-1E	640	Viola	3,336	2	1957	May	Wichita
Wichita Northeast								
Stafford County	31-25-15W	40	Lower Penn. sand	4,313	7	1958	December	Will
(*) Will Southeast								
Woodson County	30-26-17E	320		.....	....	.....	March	Perry-Halligan
Halligan	26-17E	900		.....	....	.....	March	Perry-Halligan
Perry								

^a Also 2,023,766 M. cu. ft. gas

^b Extends into Sumner County

^c Extends into Stevens County

^d Extends into Edwards County

TABLE 31.—*Dry wildcat tests drilled in 1958*

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet		
			Heebner	Lans.- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
Barber										
Honaker-Davis Drlg. Co., et al	NE NE SW	1,450	3,586	3,766	4,365	4,489	4,662	4,771	.....	4,802
No. 1 Balmer	11-33-12W									
Petroleum, Inc.	NE NE NW	1,852	4,408	4,234	4,846	4,672 _b	.....	.....	.....	4,950
No. 1 Mitchell	22-33-15W									
Continental Oil Co.	SE NE SW	1,302	3,612	3,872	4,690	4,923	5,139	5,223	.....	5,267
No. 1 H. Porterfield	32-34-10W									
Honaker-Davis Drlg. Co., et al	NE NE NE	1,336	3,634	3,939	4,704	4,942	5,100	5,190	.....	5,225
No. 1 Stolebarger	25-34-11W									
Honaker-Davis Drlg. Co., et al	C SE SE	1,458	3,754	3,940	4,664	.....	.....	.....	.....	4,793
No. 1 Farney	14-34-12W									
*Mull Drlg. Co., Inc.	SW NE SW	1,846	3,897	4,080	4,571	.....	.....	.....	.....	4,632
No. 1 Elsea	24-32-14W									
Natural Gas & Oil Corp.	C NE NE	1,674	3,576	3,756	4,289	4,342	4,452	4,547	.....	4,588
No. 1 Lilliequist	29-30-12W									
Aylward Drlg. Co.	NW NW SW	1,613	3,553	3,746	4,258	4,193 _b	.....	.....	.....	4,322
No. 1 "A" Elliott	21-31-12W									
*Aylward Drlg. Co.	NW NW NW	1,620	3,597	3,757	4,291	4,323	4,368	4,524	4,585	4,618
No. 1 "C" Lake	23-31-14W									
Petroleum, Inc.	NW NW NE	1,525	3,581	3,739	4,341	.....	.....	.....	.....	4,441
No. 1 Cox "D"	9-32-11W									
Beardmore Drlg. Co., et al	C NW NE	1,439	3,538	3,725	4,304	4,481	4,594	4,676	.....	4,711
No. 1 Long	35-32-12W									
Barton										
*Wilkinson Drlg., Inc.	NE SE SE	1,852	3,022	3,115	788 _a	.....	.....	.....	3,349	3,373
No. 1 Settee	31-17-13W									
Frontier Oil Co.	SE SE NW	1,940	3,166	3,227	3,457 _b	959 _a	.....	.....	3,483	3,497
No. 1 Axman	14-17-15W									
Wilkinson Drlg., Inc.	SW SW NE	2,015	3,238	3,303	1,046 _a	.....	.....	.....	3,562	3,605
No. 1 Suchy	33-17-15W									

Butler	NE NE NE	1,448	1,829	2,101	2,775	2,954	3,134	3,173	3,230	3,259
	18-23-3E									
E. H. Adair Oil Co., et al No. 1 Regier	SW SW SE	1,418	.....	2,077	2,734	2,900	3,066	3,000 _h	.....	3,083
	29-23-3E									
*Artnell Company No. 1 Berg	NE NE NW	1,468	.....	1,788	2,688	2,210 _b	2,546 _p	.....	.....	2,753
	11-23-5E									
Rex & Morris Drilg. Co., et al No. 1 Claassen	NE SW NE	1,467	.....	1,804	2,429	2,214 _b	.....	.....	.....	2,460
	17-23-5E									
*Franco Central Oil Co. No. 1 Stucky	NE NE SE	1,484	.....	1,593	1,980 _b	2,210 _t	.....	.....	.....	2,239
	15-23-5E									
*E. H. Adair Oil Co., et al No. 1 White "B"	NW NW SE	1,441	.....	1,755	2,710	2,998	3,099	3,147	3,220	3,240
	21-23-7E									
*Time Petroleum Co. No. 1 McMillan	NE NW SW	1,396	.....	1,851	2,525	2,427 _p	.....	.....	.....	2,600
	15-24-4E									
*Augusta Oil Co. No. 1 Markee	NW NW NE	1,367	.....	1,834	2,506	2,470 _p	.....	.....	.....	2,518
	16-24-4E									
*Inger Oil Co. No. 1 Markee	NE NW SW	1,391	.....	1,838	2,533	2,275 _b	2,520 _p	.....	.....	2,600
	22-24-4E									
*Donald E. Jones No. 1 Joseph	SE SW NE	1,378	.....	1,770	2,753	3,051	3,157	3,201	3,272	3,305
	15-24-6E									
Allied Materials Corp. No. 1 Ruckert	SE NE SW	1,479	1,407	1,715	2,756	2,206 _b	.....	.....	.....	2,800
	13-24-7E									
Pure Oil Co. No. 1 R. B. Vestring	SE SE NW	1,462	1,402	1,714	2,710	2,164 _b	.....	.....	.....	2,740
	26-24-7E									
Pure Oil Co. No. 1 Holdridge	SE NE SW	1,356	1,711	1,980	2,755	2,794	3,067	2,451 _b	.....	3,090
	26-26-3E									
*J. P. Gaty No. 1 Bailey	SW SW NW	1,406	1,494	1,809	2,785	2,284 _b	.....	.....	.....	2,823
	11-26-6E									
Pure Oil Co. No. 1 Dahlem	NE SW NW	1,497	.....	2,318 _b	2,826	.....	.....	.....	.....	2,870
	32-28-7E									
*Franco Central Oil Co. No. 1 Wright	NE NE SW	1,439	.....	1,792	2,788	2,263 _b	.....	.....	.....	2,850
	6-29-7E									
*Bedell-Catt Drilg. Co. No. 1 Barnard	NE NE NE	1,535	.....	2,362 _b	2,895	.....	.....	.....	.....	2,945
	10-29-7E									
*Shawver-Armour, Inc. No. 1 Bolen										

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet
			Heebner	Lans- K.C.	Missis- sippian hook	Viola	Simp- son	Ar- buckle
*Bedell-Catt Drilg. Co. No. 1 Allenbaugh	SE SW NE 22-29-7E	1,510	.....	2,386 _b	2,852	.....	.....	2,902
*McNeish & Gralapp, et al No. 1 Ellis	SW SW SW 35-29-7E	1,508	.....	.....	2,866	.....	.....	2,916
Chase								
*Rex & Morris Drilg. Co. No. 1 Nanninga	C N2 N2 SW 19-19-7E	1,341	.....	1,325	1,843 _a	.....	.....	1,858
Shawver-Armour, Inc. No. 1 Humphreys	SW SW NE 8-19-9E	1,240	1,120	1,430	2,408	2,724	2,892	3,044
Augusta Oil Co., Inc. No. 1 Titus-Stout	SE SW SE 28-20-8E	1,220	.....	1,486	2,453	1,876 _b	.....	2,503
*Charles L. Carlock No. 1 Clark	SW SW SW 26-22-7E	1,525	1,495	1,816	2,781	3,091	.....	3,194
*Cities Service Oil Co. No. 1 Merriam	NW NW SE 32-22-9E	1,513	1,278	1,594	2,622	.....	.....	2,662
Chautauqua								
Graybol Oil Corp. No. 1 Wolf	SW SW NE 17-32-9E	1,126	.....	1,730 _b	2,270	.....	.....	2,612
Hamilton Drilg., Inc. No. 1 Golhard	SW SW SW 2-35-8E	948	.....	1,828 _b	2,345	.....	.....	2,702
Graybol Oil Corp. No. 1 Lemert	NW NE SW 8-35-9E	1,040	.....	.....	2,349	.....	.....	2,706
Cheyenne								
*Jackson, Shear & Parker No. 1 Eggers	NW NW SW 23-5-37W	3,335	4,162	4,219	4,879	3,047 _a	4,578 _b	5,159
R. G. Lawton No. 1 Johnson	C NW SW 2-4-41W	3,475	4,340	4,371	5,143	3,285 _a	4,649 _b	5,350
Westheimer & Neustadt No. 1 Glasco	C SE SE 10-1-38W	3,090	4,073	4,111	4,778	4,380 _b	.....	4,923

Phillips Petroleum Co. No. 1 St. Francis	C NE SW 15-4-39W	3,500	.....	.....	"Tight Hole"	.....	.....	5,520
Clark								
J. M. Huber Corp., et al No. 1 Arnold	C SE SE 34-34-22W	1,923	4,330	4,540	5,606	2,315.	.....	5,730
Clay								
William H. Pine No. 1 Hoffman	NW NW SW 10-8-4E	1,308	1,382	1,488	1,935	1,966	1,790.	1,991
Comanche								
W. J. Coppinger No. 1 Schrock	C NW NW 14-31-18W	2,099	4,177	4,390	5,032	.....	.....	5,232
E. K. Carey Drlg. Co., Inc. No. 1 Swarner	NW NW NW 17-31-18W	2,215	4,282	4,468	5,143	.....	.....	5,250
Rupp-Ferguson Oil Co. No. 1 York	NW NW NE 5-32-16W	1,965	4,107	4,300	4,900	4,875.	.....	5,035
Rupp-Ferguson Oil Co. No. 1 Perry	C SW SW 14-32-16W	1,825	4,003	4,169	4,814	4,785.	.....	4,910
Messman-Rinehart Oil Co. No. 1 "A" Perry	SE SE NW 16-32-16W	1,935	4,072	4,248	4,862	4,705.	.....	4,960
Pure Oil Co. No. 1 T. R. Hackney	NE NE SW 17-33-18W	1,993	4,190	4,510	5,210	4,555	5,892	6,225
Big Chief Drlg. Co., et al No. 1 Seyfort	C NW NW 27-33-18W	1,972	4,330	4,496	5,263	.....	.....	5,403
Cowley								
*Bowman & Grisamore No. 1 Stuchal	NE NE SE 21-30-6E	1,435	1,525	1,851	2,943	2,461.	.....	2,978
*Clifton L. McCowan, et al No. 1 Diller	SW NE SE 22-30-6E	1,397	2,379.	2,852.	2,875	1,751.	.....	2,915
A. D. Allison & Co., Inc. No. 1 Talla	NE NE SW 6-32-4E	1,160	.....	1,993.	3,051	3,330	2,665.	3,460
*Bedell-Catt Drlg. Co. No. 1 Wilson	NE NW NW 34-32-6E	1,355	1,915.	.....	.....	.....	.....	2,540
Cymco Petroleum Corp. No. 1 Nitscke	SW SW NW 19-32-7E	1,330	1,774.	1,920	.....	.....	.....	2,213

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet
			Heebner K.C.	Lans- K.C.	Missls- sippian	"Kinder hook"	Viola	Ar- son buckle
Albert Brauer No. 1 Funston	NW SW NW 24-32-7E	1,416	1,733,	1,870	2,932	.....	.....	2,935
*John P. Gaty No. 1 Jarvis	NE C Lot 26 19-32-8E	1,439	.....	1,700,	.....	.....	.....	2,150
*McKnab & Lindsay No. 1 Youse	SE SE SW 28-32-8E	1,280	1,400,	1,990	2,625	.....	.....	3,010
Sun Oil Company No. 1 B. S. Grose	NW NE NW 9-33-5E	1,253	.....	1,956,	3,133	.....	.....	3,210
*Aylward Drig. Co. No. 1 Hoyt	NW NW NE 3-33-6E	1,330	.....	.....	3,159	.....	.....	3,195
*McNeish & Gralapp, et al No. 1 Reschke	SW SW NE 32-34-7E	1,226	1,569,	.....	2,920	.....	.....	2,973
Kidd Oil Co. No. 1 Warren	SW SW SW 8-35-6E	1,205	1,945,	.....	3,120	.....	.....	3,155
Crawford								
Bishop Exp. Co. No. 1 Howard Peek	NE SE SE 21-29-22E	.....	.....	.....	.....	.....	.....	678
Decatur								
*Savage Drig. Co., Inc. No. 2 Sauvage	NW NE SE 11-3-29W	2,569	3,546	3,588	3,786 _b	.....	.....	3,805
Jocelyn-Varn Oil Co. No. 1 Hardesty	SW SW NW 33-4-26W	2,624	3,594	3,638	3,822 _b	2,205,	.....	4,013
Dickinson								
*H. W. Wilson, et al No. 1 Metz	SW NW SE 12-12-1E	1,244	1,582	2,086 _b	2,332	.....	.....	2,415
Ignacio Oil & Gas No. 1 Steinbruck	C NW NW 13-12-1E	1,272	1,613	1,762	2,374	2,570	2,984	3,130
Pure Oil Company No. 1 L. O. Chrisman	SW SW SW 33-12-2E	1,250	1,540	1,694	2,288	2,046 _b	.....	2,330

•Harms-Burt Drlg. Co., et al No. 1 Miller	NW NW NE 14-14-1E	1,207	.....	1,780	2,412	2,149 _b	.....	.....	2,430
Cities Service Oil Co. No. 1 Albrecht	NW NW NE 25-15-4E	1,338	1,440	1,660	2,186	2,264	2,463 _b	.....	2,505
•Greenland Drilling Co. No. 1 Beetch	NW NW SE 19-15-1E	1,306	1,800	1,977	2,627	.....	.....	.....	2,649
•Natural Gas & Oil Corp. No. 1 Bogart	NE SW SE 16-16-1E	1,378	.....	.....	2,676	.....	.....	.....	2,710
•Midwest Drlg. Co. No. 1 Helbach	NE NE SE 13-16-3E	.....	.....	.....	2,331	.....	.....	.....	2,367
•Inland Oil, Inc. No. 1 Rutz	SW SW NE 8-16-4E	1,351	.....	.....	2,269	.....	.....	.....	2,291
Edwards Chief Drlg. Co., Inc., et al No. 1 Hawley	SW SW SW 35-24-17W	2,134	3,799	3,943	4,409	4,456	4,478	4,242 _b	4,515
Elk Hamilton-Dunn Drlg., Inc. No. 1 Doggett	SE SE SW 10-29-11E	1,132	.....	776	1,914	2,214	1,377 _b	.....	2,288
Eureka Drlg. Co. No. 1 Avers	SW SW NW 27-29-11E	1,092	.....	768	1,915	2,192	1,366 _b	.....	2,268
Ellis •Leben Drlg., Inc., et al No. 1 Schmidt	SW SW NE 34-12-19W	2,130	3,360	3,399	.....	.....	.....	.....	3,796
•Thunderbird Drlg. Co. No. 1 Skaggs	SW NE NE 7-12-20W	2,309	3,577	3,613	.....	1,705 _a	.....	.....	3,635
Leben Drlg., Inc., et al No. 1 Kroeger	NW NW NE 31-13-20W	2,278	3,535	3,565	3,812 _b	1,605 _a	.....	.....	3,926
•B. E. Ash, et al No. 1 Anna Dinkel	NW SW SW 32-13-20W	2,284	3,532	3,574	1,596 _a	.....	.....	.....	3,935
•Triangle Drlg., Inc. No. 2 Kirkman	NE SW NE 13-14-20W	2,158	3,410	3,455	.....	.....	.....	.....	3,790
Birmingham-Bartlett Drlg. Co. No. 1 Cerney "A"	SW SE SE 15-14-20W	2,207	3,460	3,492	3,730 _b	1,482 _a	3,851 _a	.....	3,838

TABLE 31.—Dry wildcat tests drilled in 1958, continued

TABLE 31.—Dry wildcat tests drilled to date									
County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet	
			Heebner	Lans- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
Ellsworth									
*Cherry Drilg. Co., Inc.	NE NE SW	1,685	2,605	2,732	1,065.	3,178	3,284	3,351	3,418
No. 1 Brown	3-15-8W								3,470
*Vanguard Drilg. Co., Inc.	NW NW SE	1,673	2,609	2,752	.....	.....	3,452	3,481	3,544
No. 1 Vopat	36-16-8W	1,739	.....	.....	.....	.....	.....	.....	2,484
*D. R. Ackley, et al	NE SW SW								
No. 1 O'Donnell	24-16-9W	1,683	2,652	2,808	3,266	3,168.	.....	.....	3,310
*Cherry Drilg. Co., Inc.	NE NE SW								
No. 1 Hayes	27-17-7W	1,723	2,645	2,806	289.	.....	3,288	3,343	3,396
Sterling Drilg. Co., et al	C SE NW SE								3,425
No. 1 Worl "A"	31-17-7W								
Finney									
Big Chief Drilg. Co., et al	C E2 NW	2,821	4,091	4,147	5,030	.....	.....	.....	5,297
No. 1 Hines	34-26-31W							2,140 _n	2,166
Geary									
*F. G. Holl	NW SE SE	1,306	.....	1,362	1,865	1,955	1,840 _n	.....	.....
No. 1 J. Poole	24-12-7E								4,473
Gove									
Amerada Petroleum Corp.	NE NE NE								
No. 1 Yanda	12-11-26W	2,500	3,789	3,829	4,395	2,120.	4,372 _p	.....	4,575
Prime Drilg. Co., et al	C SW SW	2,849	3,921	3,959	4,522	4,222 _b	1,945.	.....	4,218
No. 1 Burris	11-11-29W								
*Kaiser-Francis & Veeder	NE NE NE	2,631	3,916	3,955	4,184 _b	.....	.....	.....	4,535
No. 1 Jameson	17-12-26W								
Burch Drilg. Co., Inc.	SE SE SE	2,864	3,864	3,908	4,464	2,333.	4,184 _b	.....	4,490
No. 1 Kaiser	17-12-30W								
Murfin Drilg. Co., et al	SE SE SE	2,566	3,662	3,698	4,310	1,970.	4,016 _b	.....	4,464
No. 1 Beesley	32-14-28W								
Murfin Drilg. Co., et al	NE NE NE	2,482	3,659	3,697	4,310	1,930.	4,013 _b	4,278 _p	.....
No. 1 Lang	26-15-28W								

Graham		SE SE SW	2,589	3,672	3,708	3,910,	.....	.....	3,915
*I. O. Miller Oil Co.	No. 2 Ward	31-6-25W							
*Imperial Oil of Kansas, Inc.	No. 1 Neu	SW SW SW	2,153	3,346	3,385	3,577,	3,648,	.....	3,705
*Imperial Oil of Kansas, Inc.	No. 1 Hale	C SE SE	2,380	3,607	3,648	3,847,	3,946,	.....	4,015
Aurora Gasoline Co.	No. 1 Moore	SW SW SW	2,351	3,603	3,646	3,844,	4,002,	.....	4,125
Petroleum, Inc.	No. 1 Kobler	SW SW SW	2,496	3,736	3,777	3,981,	4,240	.....	4,270
Jones, Shelburne & Farmer	No. 1 Schurtz	NE SE NE	2,482	3,726	3,764	3,960,	4,170,	.....	4,242
*Jay Bergman Oil Co.	No. 1 Gnagy	NE NE NE	2,555	3,738	3,776	3,978,	.....	.....	4,000
Woodman-Iannitti Drlg. Co., et al	No. 1 Moore	SE SE SW	2,512	3,732	3,772	3,985,	.....	.....	4,005
*I. O. Miller Oil Co.	No. 1 Thibault	NW SW NE	2,079	3,282	3,320	3,538,	3,622,	.....	3,668
*Imperial Oil of Kansas, Inc.	No. 1 Minium "B"	C NE NW	2,352	3,636	3,675	3,897,	.....	.....	3,908
Chief Drlg. Co.	No. 1 Gaylord	NW NW SW	2,375	3,626	3,659	3,872,	.....	.....	3,890
Murfin Drlg. Co., et al	No. 1 Swank	SE SE SE	2,307	3,550	3,589	3,809,	3,951,	.....	4,042
*Herman Geo. Kaiser, Oil Prod.	No. 1 Sproul	2,480 35-9-24W	3,822	4,026,	NE NE SE	.....	.....	.....	4,045
Burch Drlg. Co.	No. 1 Knoble	NE NE SW	2,588	3,848	3,895	4,121,	.....	.....	4,140
*Tomlinson-Kathol, Inc., et al	No. 1 Dinkel	NE NE NW	2,621	3,882	3,917	4,148,	.....	.....	4,155
Dunne-Gardner Drlg. Co., Inc.	No. 1 Pfeifer	NE NE NE	2,602	3,871	3,910	4,135,	.....	.....	4,160
*Leben Drlg., Inc.	No. 1 Griffith	NE NE NW	2,323	3,548	3,586	3,812,	.....	.....	3,832

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet	
			Heebner	Lans- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
*Kimbark Oil Co. No. 1 Moore	NE NE SW 13-10-22W	2,375	3,651	3,688	3,917 _b	4,020 _b	.....	.....	4,145
	NE NE NE 13-10-22W	2,292	3,523	3,563	3,794 _b	3,889 _b	.....	.....	4,040
	SW NW SE 6-10-24W	2,514	3,789	3,826	4,056 _b	.....	.....	.....	4,090
	SW SW SE 30-10-25W	2,500	3,786	3,828	4,060 _b	.....	.....	.....	4,300
Gray Kerr-McGee Oil Ind., Inc. No. 1 DeVore	C NE NW 21-27-27W	2,716	4,169	4,302	5,055 [*]				5,167
Greeley Whitehall Oil Co. No. 1 Trigg	C SE SE 8-17-39W	3,557	4,265	4,326	5,104	.....	.....	.....	5,353
Greenwood *Lyle English, et al No. 1 W. R. Cummings	NE NE SW 34-24-11E	.....	.....	.....	1,904	.....	.....	.....	1,942
*Barnett Oil Co. No. 1 Lane	NE NE NE 33-26-12E	1,198	.....	.....	1,859	.....	.....	.....	1,920
*Beaumont Petroleum Co. No. 1 E. W. Agard	NW SW NE 33-27-9E	1,437	.....	1,755	2,528	1,900 _b	.....	.....	2,587
Kewanee Oil Co. No. 1 Worley	NE NW SE 2-27-9E	1,233	.....	1,455	2,277	2,594	1,636 _b	.....	2,675
*Raymond Gear, et al No. 1 Bertenshaw	SE NE SW 17-28-13E	.....	.....	.....	1,470	870 _b	.....	.....	1,490
Hamilton Skelly Oil Co. No. 1 E. T. Potter	NE NE SW 8-26-42W	3,445	3,648	3,768	5,322	.....	.....	.....	5,500

[illegible]

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet	
			Heebner	Lans- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
Haskell									
*O. A. Sutton Oil Prop.-Inv., et al No. 1 Klaassen	SE SE NW 34-23-2E	1,432	1,910	2,170	2,855	2,587 _b	.....	.....	2,884
*O. A. Sutton Oil Prop.-Inv. No. 1 Harms	NE NE NE 36-23-2E	1,401	1,837	2,113	2,772	2,760 _p	.....	.....	2,812
*O. A. Sutton Oil Prop.-Inv. No. 1 Roth	NW NW SE 12-24-2E	1,357	1,817	2,095	2,763	2,993	3,160	3,189	3,282
Haskell									
Cities Service Oil Co. No. 1 Bell	C SW NE 4-28-34W	3,090	4,022	4,125	5,390	.....	.....	.....	5,670
J. A. Chapman No. 1 Eubank	C SW SE 23-28-34W	2,998	4,037	4,134	5,435	.....	.....	.....	5,605
United Prod. Co. No. 5 J. C. Stevens	C SE SW 16-30-40W	2,978	3,989	4,215	5,591	.....	.....	.....	5,640
Hodgeman									
Aurora Gasoline Co. No. 1 Greenstreet	C SW SE 14-21-22W	2,230	3,769	3,824	4,446	.....	.....	.....	4,550
Graham-Michaelis Drlg., et al No. 1 Sinclair	NW NW SW 11-21-26W	2,391	3,702	3,748	4,418	.....	.....	.....	4,450
*Fred J. Avesh No. 1 Fehrenbach	NE NW NW 12-22-25W	2,434	3,848	3,900	4,531	4,330 _b	4,510 _p	.....	4,627
K. & E. Drlg. Co., et al No. 1 Sinclair	SW SW SW 28-22-25W	2,541	3,968	4,024	4,676	4,430 _b	4,648 _p	.....	4,779
Iron Drlg. Co. No. 1 Irma Brack	SE SW SE 21-22-26W	2,519	3,852	3,894	4,574	4,550 _p	.....	.....	4,680
Halo Oil Producers, Inc. No. 1 Hall-Halo	C SW NE 3-24-22W	2,325	3,944	4,040	4,660	4,612 _p	.....	.....	4,750
Iron Drlg. Co. No. 1 Schlereth	SE NW SE 1-24-26W	2,567	4,060	4,108	4,794	4,541 _b	4,777 _p	.....	4,886
Barbara Oil Co. No. 1 Findlay-Keeley Est.	SW SW SE 7-24-26W	2,632	4,068	4,151	4,813	4,473 _b	.....	.....	4,915

Kingman

S. & S. Drilg., et al No. 1 Wimer	SE SE SE 25-27-6W	1,442	2,720	2,970	3,750	4,039	4,138	4,162	4,264	4,321
O. A. Sutton Oil Prop.-Inv., et al No. 1 Endicott	NW NW NW 33-27-6W	1,563	2,888	3,152	3,886	4,160	4,261	4,285	4,394	4,420
Drillers Prod. Co., Inc. No. 1 Orme	SW SW NW 34-27-6W	1,496	2,816	3,082	3,852	4,158	4,263	4,285	4,387	4,423
*Petroleum, Inc. No. 1 Livingston "D"	NW NW SE 20-28-7W	1,592	3,050	3,297	4,058	.....	.....	.....	.....	4,125
Artnell Co. No. 1 Lowe	C NE SW 21-28-7W	1,549	2,994	3,231	3,968	.....	.....	.....	.....	3,992
Wilcox Oil Co., et al No. 1 Alfred	NE NE SW 17-28-8W	1,598	3,169	3,382	4,029	.....	.....	.....	.....	4,098
Aylward Drilg. Co. No. 1 Steffen	SW SW SW 33-28-10W	1,782	3,536	3,718	4,242	4,334	4,529	4,595	.....	4,625
*Drillers Prod. Co., Inc. No. 1 Sager	C NW SE 16-29-5W	1,460	2,910	3,235	4,028	4,270	4,438	4,463	4,566	4,569
Pickrell Drilg. Co. No. 1 Stucky	SE SE SW 21-29-6W	1,562	3,096	3,338	4,168	4,445	4,558	4,573	.....	4,600
Petroleum, Inc. No. 1 Goetz "D"	SE SE SE 7-29-8W	1,687	3,296	3,530	4,201	4,339	4,492	.....	.....	4,520
Petroleum, Inc. No. 1 Spade "E"	NW NW SE 22-29-10W	1,766	3,564	3,733	4,310	4,394	4,597	4,664	.....	4,723
Herndon Drilg. Co., et al No. 1 Bogle	NE NW NW 25-30-5W	1,439	2,975	3,269	4,184	4,527	.....	4,634	.....	4,637
Kiowa										
Walters Drilling Co., et al No. 1 Rothenmyer	C NE NW 27-27-16W	2,093	3,906	4,081	4,585	4,675	4,712	.....	.....	4,732
Hilton Drilg. Co. No. 1 Wilson	SE SE SE 31-27-19W	2,273	4,080	4,248	4,849	4,601 _b	.....	.....	.....	4,946
Natl. Coop. Refg. Assn. No. 1 Kruse	NW NW NW 6-29-17W	2,251	4,123	4,306	4,889	4,957	5,033	.....	.....	5,068
Coop. Refinery Assn. No. 1 Conklin "A"	C NE SE 16-29-17W	2,111	4,018	4,206	4,764	.....	.....	.....	.....	4,830
Rupp-Ferguson Oil Co. No. 1 Unruh	C SW SW 20-29-17W	2,175	4,106	4,297	4,890	4,644 _b	.....	.....	.....	4,977

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet
			Heebner	Lans- K.C.	Missis- sippian	"Kinder hook"	Viola	
Pickrell Drlg. Co. No. 1 Rader	SE SE SE 12-29-20W	2,350	4,219	4,409	5,021	4,824 _b	.....	5,125
Lane								
*Sunray Mid-Continent Oil Co. No. 1 Wolfe	NW NW NW 26-20-30W	2,870	.....	.....	"Tight Hole"	.....	.....	4,714
Lincoln								
Kewanee Oil Co. No. 1 Rahmeier	NW NW SE 8-13-9W	1,744	2,784	2,912	3,400	3,481	3,727	3,802
Logan								
Louis M. Mai, Oper., et al No. 1 Foos	NE NE NE 16-11-32W	3,052	4,017	4,056	4,666	.....	.....	5,038
Phillips Pet. Co. No. 1 Monument Prospect	C SW SE 8-12-34W	3,211	.....	.....	"Tight Hole"	.....	.....	5,350
Virginia Drlg. Co. No. 1 Janne	CNW NW SW 1-13-34W	2,990	3,862	3,915	4,606	4,543 _b	.....	4,714
J. S. Carter No. 1 Ross	SE SE SE 36-13-34W	2,849	3,719	3,769	4,773	.....	5,016	5,065
Virginia Drlg. Co. No. 1 Hanson	SE SE SE 28-13-36W	3,121	3,869	3,916	4,688	.....	.....	4,793
Shamrock Oil & Gas Corp. No. 1 Surratt "D"	NW NW NW 6-14-37W	3,319	3,997	4,048	4,373	.....	.....	4,989
Lyon								
Shawver-Amour, Inc. No. 1 Bixler-Goodman	SE SE NE 6-16-12E	1,261	.....	1,322	2,145	2,579	2,812	2,891
Cities Service Oil Co. No. 1 Cobb	NW NW SE 6-17-10E	1,306	1,127	1,418	2,379	2,720	2,967	3,045
Shawver-Armour, Inc. No. 1 Amelia Gray	SW SW NE 13-17-10E	1,286	1,070	1,380	2,362	2,753	2,968	3,050
Shawver-Armour, Inc. No. 1 Williams	NE NW SE 31-18-11E	1,211	815	1,142	2,170	2,563	2,705	2,759
								2,673 _b
								2,773

E. K. Carey Drilg. Co., Inc. No. 1 Johnson	NE NE SW 11-20-11E	1,163	698	986	2,008	2,386	2,505	.....	2,486 _a	2,530
Marion										
*Augusta Oil Co. No. 1 Larson	SW SW SE 3-17-1E	1,564	.....	.....	2,855	2,597 _b	.....	.....	.....	2,905
*Rex & Morris Drilg. Co., et al No. 1 Decker	NE NE SW 21-17-1E	1,500	1,959	2,178	2,787	.....	.....	.....	.....	2,840
*Rex & Morris Drilg. Co., et al No. 1 Geiss	SW SW SW 33-17-1E	1,424	.....	2,120	2,720	.....	.....	.....	.....	2,770
*Augusta Oil Co. No. 1 Albright	NE NE NE 15-18-5E	1,409	1,369	1,601	1,932 _b	2,060 _a	2,311	2,147 _a	.....	2,325
*Shawver-Armour, Inc. No. 1 Ewert	SE SE NW 30-19-2E	1,473	.....	.....	2,723	2,972	3,179	3,239	.....	3,276
*Ward A. McGinnis No. 2 C. Propp	SE SW NE 25-19-3E	1,399	.....	1,845	2,370	.....	2,660	.....	.....	2,713
*White & Ellis Drilg. Co. No. 1 Hiebert	SW NW SE 25-20-2E	1,409	.....	.....	2,566	2,683	2,922	.....	.....	2,953
*Hamilton Drilg., Inc. No. 1 Jost	SW SW NE 30-20-2E	1,503	1,930	2,171	2,743	2,920	3,133	.....	2,535 _b	3,137
*Time Petroleum Co. No. 1 Richmond	NE NE SW 11-20-3E	1,337	1,545	1,792	2,321	2,400	2,601	2,671	.....	2,695
*Bedell-Catt Drilg. Co. No. 1 Suderman	NE NE NW 18-20-3E	1,389	.....	1,953	2,515	2,652	2,877	.....	2,245 _b	2,900
*E. H. Adair Oil Co., et al No. 1 Corley	NW SE SW 7-20-4E	1,302	.....	1,725	2,258	2,304	2,514	.....	2,082 _b	2,540
*Bedell-Catt Drilg. Co. No. 1 Campbell	SW SW NW 19-20-5E	1,386	.....	.....	2,253	2,370	2,560	.....	.....	2,584
*Bedell-Catt Drilg. Co. No. 1 Carpenter	SE SE SE 27-20-5E	1,269	.....	2,163 _b	2,172	2,308	2,445	.....	.....	2,460
*E. H. Adair Oil Company, et al No. 1 Tibbins	NW NW NW 30-20-5E	1,431	2,106 _b	1,757	2,290	2,386	2,573	2,600	.....	2,608
Leben Drilg., Inc. No. 1 Schmidt	SW SW SE 3-21-1E	1,561	.....	2,313	2,964	3,173	3,416	3,452	3,334 _b	3,460
Lario Oil & Gas Co. No. 1 Unruh	NW NW SE 11-21-1E	1,552	2,016	2,277	2,936	3,146	3,372	.....	3,311 _a	3,395

TABLE 31.—Dry wildcat tests drilled in 1958, continued

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet		
			Heebner	Lans.- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
*Hamilton Drilg. Co. No. 1 Schroeder	SW SW SE 27-21-1E	1,518	3,326 _h	2,295	2,933	3,193	3,422	3,451	3,522	3,572
*Bedell-Catt Drilg. Co. No. 1 Klassen	NW NW SE 30-21-1E	1,520	2,727 _b	2,345	2,975	3,357 _h	3,457	.....	.....	3,466
Thunderbird Drilg. No. 1 Janzen	NE NE SW 7-21-2E	1,512	1,955	2,225	2,866	3,058	3,215 _h	.....	.....	3,235
*E. A. Denny No. 1 Voth	NW SE SE 29-21-2E	1,478	.....	2,183	2,857	3,022	3,227	3,260	3,149 _h	3,275
*Petroleum, Inc. No. 1 Nusbaum	SW SW NW 26-21-3E	1,401	2,272 _b	1,930	2,495	2,659	2,841	2,792 _h	.....	2,859
*Leben Drilg., Inc. No. 1 Goering	SW SW NE 27-21-3E	1,395	2,285 _h	1,933	2,511	2,794 _h	2,859	.....	.....	2,875
*O. A. Sutton Oil Prop.-Inv. No. 1 Greene	NW NW NE 16-22-3E	1,426	1,732	2,002	2,596	2,758	2,959	.....	2,883 _h	2,974
*E. H. Adair Oil Co., et al No. 1 Wiebe "B"	SW SE SW 34-22-3E	1,458	1,755	2,021	2,672	2,840	3,018	3,053	2,951 _h	3,070
*White & Ellis Drilg., Inc. No. 1 Hawk	NW SE NE 15-22-5E	1,405	.....	1,754	2,468	2,563	2,682	.....	.....	2,705
*E. H. Adair Oil Co., et al No. 1 Seibel	NW SW NW 18-22-5E	1,430	2,176 _b	1,803	2,379	2,481	2,621	2,603 _h	.....	2,672
E. H. Adair Oil Co., et al No. 1 Meyer	SE SE NE 21-22-5E	1,450	2,170 _b	1,780	2,436	2,486	2,599	2,702	2,767	2,800
Raymond Oil Co. No. 1 P. T. Stucky	NW NW SE 32-22-5E	1,476	1,532	1,794	2,412	2,507	2,620	2,190 _b	.....	2,645
Rex & Morris Drilg. Co., et al No. 1 Underkofler	NW NE NE 35-22-5E	1,481	1,515	1,783	2,507	2,626	2,738	2,200 _b	.....	2,780
McPherson *David Fransen	NE SE NE 22-17-3W	1,381	.....	.....	3,002	3,277	3,587	3,638	3,723	3,744
No. 1 Bengtson Rupp-Ferguson Oil Co. No. 1 Anderson	SE SE SW 19-17-5W	1,462	2,368	2,566	3,150	2,918 _h	3,090 _h	.....	.....	3,250

•Glickman Oil Co. No. 1 Williams	SW SE NW 30-18-1W	1,523	2,264	2,925	.....	.....	.....	.....	2,956
J. S. Sutton & Sons Drig. Co.	SE SE SE 8-18-2W	1,512	2,146	2,385	3,045	3,355	3,637	3,716	3,736
No. 1 Peterson	SW SW SE 26-18-4W	1,518	2,275	2,489	3,148	3,369	3,647	3,692	3,725
Tomilson & Kathol	NE SW SE 30-18-5W	1,592	.....	2,746	3,360	3,114 _a	3,321 _a	.....	3,435
No. 1 A. N. Pauls	NW SE SE 35-19-1W	1,588	2,225	2,313	2,898	3,105	3,362	.....	3,370
Rupp-Ferguson Oil Co.	NW SE NW 24-21-1W	1,519	3,408 _a	2,340	2,985	3,290	3,497	3,520	3,602
Messman-Rinehart Oil Co.	SE SE NW 14-21-2W	1,499	2,048	2,305	2,966	3,236	3,421	3,446	3,531
No. 1 Selzer	SW SW SW 32-21-2W	1,470	3,534 _a	2,426	3,131	3,454	3,647	3,682	3,704
•Alfred Koehn	NE NE SE 32-21-2W	1,480	3,499 _a	2,406	3,112	.....	3,615	3,645	3,669
No. 1 Graber	SW SW NW 14-21-4W	1,446	2,270	2,592	3,257	3,538	3,790	3,814	3,944
•E. K. Carey Drig. Co., Inc.	NE NE SW 17-21-4W	1,502	2,432	2,654	3,328	3,617	3,877	3,894	3,980
Rex & Morris Drig. Co., et al	NW NW NW 8-21-5W	1,518	2,547	2,752	3,435	3,340 _a	.....	.....	3,490
No. 1 Bueller	C NW NW 21-32-29W	2,715	4,430	4,568	5,690	.....	.....	.....	5,802
•J. S. Sutton & Sons Drig. Co.	SW SW NE 36-33-28W	2,419	4,430	4,607	5,852	.....	.....	.....	6,319
No. 1 Kroeker	C SW NW 22-34-30W	2,687	4,427	.....	5,947	.....	.....	.....	6,139
Time Petroleum Co.	SW SE NE 19-9-7W	1,367	2,348	2,473	3,125	3,365	3,543	3,760	3,853
No. 1 Petz									3,878
Meade									
Petroleum, Inc.									
No. 1 Cottrell									
Shamrock Oil & Gas Corp., et al									
No. 1 Dirks "B"									
Roy Furr									
No. 1 Schelle									
Mitchell									
Donald T. Ingling, et al									
No. 1 Abercrombie									

TABLE 31.—*Dry wildcat tests drilled in 1958, continued*

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet		
			Heebner	Lans- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
Morris										
Shawver-Armour, Inc. No. 1 White	SW SE SW 4-16-8E	1,305	1,920 _b	1,555	2,437	2,653	2,985	3,061	3,160	3,200
*William Gruenerwald No. 1 Hilton	C NW NE 7-17-9E	1,341	.....	1,542	2,528	2,825	3,092	3,178	3,258	3,293
Morton										
Omega Oil Corp., et al No. 1 Uhl	C SW ¼ 28-31-43W	3,628	3,040 _i	.....	.....	.....	.....	.....	.....	3,350
Pandhandle Eastern Pipe Line Co. No. 2-15 Hayward	SE NW SW 15-33-40W	3,306	3,280 _i	3,887	5,748	.....	.....	.....	.....	5,855
Ness										
Sun Oil Co. No. 1 F. S. Horacek	NW NW SE 19-16-25W	2,597	3,867	3,908	4,530	4,500 _p	.....	.....	.....	4,600
Barnett Oil Co. No. 1 Stutzman	NE SW SW 3-17-24W	2,452	3,781	3,826	4,438	4,398 _p	.....	.....	.....	4,457
*Mull Drlg. Co., Inc. No. 1 Shumate	NE SW SW 29-17-26W	2,579	3,870	3,919	4,530	.....	.....	.....	.....	4,576
*Gulf Oil Corp. No. 1 Harkness	CS ½ SW SW 35-17-26W	2,525	3,832	3,874	4,476	4,185 _b	.....	.....	.....	4,580
Leben Drlg., Inc., et al No. 1 Haun	NE NE SW 20-18-23W	2,308	3,705	3,747	4,333	4,307 _p	.....	.....	.....	4,446
Rex & Morris Drlg. Co., et al No. 1 Floyd	C SE SE 11-18-24W	2,322	3,705	3,752	4,351	4,332 _p	.....	.....	.....	4,470
Shamrock Oil & Gas Corp. No. 1 Schlegel	NE NE SW 16-19-22W	2,218	3,710	3,758	4,351	4,066 _b	.....	.....	.....	4,467
Kewanee Oil Co. No. 1 Beardslee	SE NE SW 8-19-25W	2,582	3,924	3,966	4,571	4,318 _b	4,557 _p	.....	.....	4,695
*Rex & Morris Drlg. Co., et al No. 1 Moore	NW NW NW 21-19-26W	2,632	3,916	3,955	4,600	4,311 _b	4,564 _p	.....	.....	4,701
Artnell Co., et al No. 1 Shields	C SW SE 2-20-25W	2,381	3,770	3,811	4,424	4,410 _p	.....	.....	.....	4,640

[illegible]

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet		
			Heebner	Lans.- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
Amerada Pet. Corp. No. 1 F. L. Rice	CSE SW SE 35-27-15W	2,058	3,858	4,023	4,511	4,588	4,620	4,679	4,760	4,797
D. R. Lauck Oil Co., Inc. No. 1 Dietz	SE SE NE 31-28-12W	1,894	3,608	3,810	4,263	4,370	4,414	4,529	4,648	4,677
Messman-Rinehart Oil Co. No. 1 Hiskett	NE NE NW 14-29-11W	1,782	3,576	3,748	4,277	.....	4,508	4,582	4,670	4,710
Rawlins										
Jackson, Shear & Parker No. 1 Grover	C SW NE 32-5-33W	3,154	4,058	4,107	4,704	4,572,	.....	.....	4,882	4,939
J. S. Carter, et al No. 1 Henry	SW SW NW 27-5-34W	3,195	4,082	4,132	4,782	4,613,	.....	.....	4,974	5,015
Petroleum, Inc. No. 1 Falconer	C SE SW 6-5-36W	3,386	4,225	4,274	4,923	4,764,	.....	.....	5,180	5,241
Reno										
*Tomlinson-Kathol, Inc. No. 1 Thiessen	SE SW SW 5-22-4W	1,516	2,453	2,689	3,380	3,629	3,885	3,914	.....	3,920
Sterling Drig. Co., et al No. 1 Wiegel	NW NW SE 8-23-7W	1,620	2,853	3,055	3,638	3,708	3,953	.....	.....	3,982
Messman-Rinehart Oil Co. No. 2 Ruxton	SW NW NW 19-23-7W	1,615	2,890	3,086	3,636	3,599,	.....	.....	.....	3,705
*Osage Oil & Gas Co., et al No. 1 Benton	NW NW SE 6-24-6W	1,583	2,802	3,025	3,700	3,815	4,034	4,061	4,146	4,200
Pan American Pet. Corp., et al No. 1 Kauffman	NE NE NW 14-24-6W	1,552	2,737	2,938	3,604	3,792	4,018	4,047	4,140	4,260
*Messman-Rinehart Oil Co. No. 1 Brownlee	SE SE NW 31-24-10W	1,757	.....	3,391	3,772	3,811	3,930	4,049	.....	4,072
*Murfin Drig., et al No. 1 Callais	SE SE SW 23-25-4W	1,519	2,593	2,832	3,613	3,958	4,089	4,110	4,189	4,200
Pickrell Drig. Co. No. 1 Robben	NW NW SE 24-26-4W	1,526	2,635	2,861	3,692	4,084	4,179	4,182	.....	4,198

Rice

TABLE 31.—Dry wildcat tests drilled in 1958, continued

TABLE 31.—Dry wildcat tests drilled in 1958, continued									
County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet	
			Heebner	Lans- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
*Imperial Oil Co. No. 1 Bieber	NW NW NE 32-17-17W	2,019	3,262	3,319	.....	.....	.....	.....	3,585 ₊
*Honaker-Davis Drilg. Co., et al No. 1 Mullen	SW SW SE 27-17-18W	2,067	3,411	.....	.....	.....	.....	.....	3,770 ₊
Leben Drilg., Inc. No. 1 Glenn	NW NW NW 36-17-20W	2,126	3,506	3,550	.....	.....	.....	.....	4,035
Nat'l. Coop. Refg. Assn. No. 1 Bott	SW NW SE 34-18-20W	2,145	3,622	3,669	4,214	.....	.....	.....	4,232
Leben Drilg., Inc. No. 1 Jecha	SE SE NE 14-19-18W	2,134	3,489	3,538	3,920 ₊				3,987
Aurora Gasoline Co., et al No. 1 Haas	SE SE SE 25-19-20W	2,282	3,746	3,793	4,354	4,492	4,509	4,629	4,638
Russell *Solar Oil Co. No. 1 Smith	SW SE NW 19-12-14W	1,801	2,928	2,980	.....	.....	.....	.....	3,284
*Louis M. Mai, et al No. 1 Mellard	NW NW NE 13-12-15W	1,654	2,783	2,835	.....	.....	.....	.....	3,170
Woodman-Iannitti Drilg. Co., et al No. 1 Kingsley	NW NE NE 23-12-15W	1,707	2,816	2,869	.....	.....	.....	.....	3,155
*John P. Habiger, et al No. 1 Cooper	NW SW NE 7-13-11W	1,504	2,615	2,697	.....	.....	3,128	3,280	3,313
Bankoff Oil Co., et al No. 1 Rein	NE NE SW 11-13-14W	1,817	2,936	2,992	.....	.....	.....	.....	3,322
*Leben Drilg., Inc. No. 1 Furthmyer	NW NW SW 7-14-15W	1,890	3,076	3,124	.....	.....	.....	.....	3,412
Saline The Ohio Oil Co. No. 1 Shoffner	C SE NW 19-15-1W	1,352	1,902	2,122	2,788	3,056	3,402	3,502	3,569
									3,616

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet	
			Heebner	Langs- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
Sheridan	NW NW NW 20-7-26W	2,613	3,796	3,840	4,048 _b	.....	.....	.....	4,062
	NW NW NE 22-7-26W	2,629	3,822	3,866	4,074 _b	.....	.....	.....	4,080
	NW NW NW 1-7-27W	2,680	3,818	3,859	4,070 _b	.....	.....	.....	4,095
	SE SE NW 13-7-30W	2,896	3,939	3,978	4,025 _b	.....	.....	.....	4,215
	SW SW NE 8-8-26W	2,548	3,706	3,750	4,279	3,970 _b	.....	.....	4,380
	NE NE NE 10-8-27W	2,602	3,752	3,793	4,012 _b	.....	.....	.....	4,025
	NW NW NW 10-8-27W	2,657	3,800	3,843	4,060 _b	.....	.....	.....	4,085
	SE SE SE 2-8-30W	2,931	4,002	4,039	4,282 _b	.....	.....	.....	4,285
	SW SW NE 25-9-26W	2,640	3,877	3,092	4,143 _b	.....	.....	.....	4,155
	NW NW SE 1-9-26W	2,539	.....	3,816	4,052 _b	.....	.....	.....	4,060
	SE SE NE 28-9-30W	2,906	3,925	3,968	4,525	4,203 _b	.....	.....	4,577
	NE NE SW 3-10-26W	2,590	3,812	3,850	4,083 _b	.....	.....	.....	4,103
	NE NE NW 6-10-26W	2,668	3,859	3,897	4,124 _b	.....	.....	.....	4,150
	NE NE NE 21-10-26W	2,576	3,813	3,854	4,083 _b	.....	.....	.....	4,115

Leben Drlg., Inc.	NE NE SE	2,537	3,802	3,845	4,072 _b	.....	.....	.....	4,104
No. 1 Hille	26-10-26W								
Aurora Gasoline Co., et al	SW SW NE	2,655	3,812	3,842	4,092 _b	.....	.....	.....	4,103
No. 1 Schoenfeld	16-10-27W								
Empire Drlg. Co.	NW NW SW	2,692	3,766	3,806	4,358	4,057 _b	.....	.....	4,435
No. 1 Bethell	22-10-28W								
Empire Drlg. Co., et al	NE NE SW	2,839	3,920	3,956	4,512	4,217 _b	.....	.....	4,579
No. 1 Stewart	16-10-29W								
Bell Oil & Gas Co., et al	SW SW NW	2,760	3,843	3,884	4,446	4,136 _b	.....	.....	4,550
No. 1 Schmidtberger	25-10-29W								
Sherman									
Miami Pet. Co., Inc.	NW NW NE	3,466	4,277	4,332	5,082	.....	.....	5,320	5,385
No. 1 Rolla "B"	30-6-37W								
*Phillips Pet. Co.	C NE SE	3,425	.....	.....	"Tight Hole"	.....	.....	.....	5,479
No. 3 Shermanville	21-6-38W								
*R. G. Lawton	C NE NE	3,629	4,362	4,421	5,224	.....	.....	5,438	5,495
No. 1 E. Peter	3-6-40W								
R. G. Lawton	C NE NE	3,750	4,471	4,511	5,344	.....	.....	5,549	5,620
No. 1 Bair	20-6-41W								
Miami Pet. Co., Inc.	C SW SW	3,498	4,328	4,410	5,098	.....	.....	5,446	5,500
No. 1 Bear "C"	18-7-37W								
Miami Pet. Co., Inc.	NW NW NW	3,391	4,217	4,265	4,970	.....	.....	5,265	5,340
No. 1 Dawes "A"	24-7-37W								
*Phillips Pet. Co.	NW NW NE	3,587	.....	.....	"Tight Hole"	.....	.....	.....	5,530
No. 6 Goodland Prospect	29-8-38W								
*Phillips Pet. Co.	NE NE NE	3,482	.....	.....	"Tight Hole"	.....	.....	.....	5,668
No. 5 Goodland	11-9-37W								
*Phillips Pet. Co.	SW SW SE	3,536	.....	.....	"Tight Hole"	.....	.....	.....	5,750
No. 4 Goodland Prospect	12-9-38W								
*Phillips Pet. Co.	NE NE SW	3,705	.....	.....	"Tight Hole"	.....	.....	.....	5,499
No. 1 Capps	21-9-39W								
*Phillips Pet. Co.	SW SE SW	.....	.....	.....	"Tight Hole"	.....	.....	.....	.....
No. 1 Goodland	7-10-39W								

TABLE 31.—Dry wildcat tests drilled in 1958, continued

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet		
			Heebner	Lans.- K.C.	Missis- sippian	"Kinder hook"	Viola		Simp- son	Ar- buckle
Stafford										
*Osage Oil & Gas Co., Inc. No. 1 Hornbaker	SE SE NW 15-23-11W	1,800	3,115	3,300	3,635,	.....	.....	3,685	3,751	3,781
Shelley-Miller Drlg. Co. No. 1 Corn	SE SE SE 6-23-13W	1,921	3,336	3,488	3,735,	.....	.....	3,819	3,857	3,925
Brunson Prod. & Explor., Inc. No. 1 Buckle	NE NE SE 29-24-12W	1,895	3,368	3,549	3,896	3,901	3,972	4,099	4,167	4,210
Sunray-Mid-Continent Oil Co. No. 1 McConaughy	NW NW NE 32-24-12W	1,898	3,380	3,567	3,925,	.....	.....	3,974	4,098	4,200
*Chief Drlg., et al No. 1 McCune	SE SE NW 4-25-12W	1,898	3,398	3,574	3,932,	.....	.....	3,982	4,095	4,200
Aurora Gasoline Co., et al No. 1 McCune	SW SW NE 17-25-12W	1,893	4,116	3,594	3,956,	.....	.....	4,035	4,104	4,221
Sumner										
Shawver-Armour, Inc. No. 1 Luther	NE NE NE 30-30-1W	1,291	2,440	3,005	3,648	3,907	2,705,	3,969	.....	3,991
Rex & Morris Drlg. Co., et al No. 1 Bartel	NE NE NE 24-30-2W	1,311	.....	3,084	3,739	4,076	3,437,	4,130	.....	4,137
*K & E Drlg., Inc., et al No. 1 Hall	SW SW SE 2-30-4W	1,385	3,048,	3,337	3,969	4,295	.....	4,396	.....	4,400
P. H. Welder No. 1 Schemahorn	SE NE SE 10-30-4W	1,402	2,770	3,357	3,999	4,356	3,075,	4,429	.....	4,434
Herndon Drlg. Co. No. 1 Pyle	SE SW SW 19-30-4W	1,503	3,010	3,602	4,243	3,340,	.....	.....	.....	4,686
*Beaumont Pet. Co. No. 1 Stainhour	SW SW NE 1-31-1W	1,295	.....	2,945	3,602	3,964	3,200,	4,012	.....	4,041
K & E Drlg., Inc. No. 1 Miller "j"	SE NE SE 5-31-2W	1,326	2,526	3,167	3,835	4,188	.....	4,277	.....	4,282
Coop. Refg. Assn. No. 1 Argonia Baptist Church	C SW NW 30-31-4W	1,305	2,918	3,514	4,174	4,511	.....	4,601	4,727	4,766

Renfro Drig. Co., et al	SE SE SE	1,245	2,709.	3,012	3,651	4,035	.....	4,101	4,184	4,215
No. 1 Hainsworth	12-32-1W									
Brunson-Spines, Inc.	SE SW NE	1,180	2,682.	3,048	3,695	4,054	.....	4,126	4,212	4,245
No. 1 Hackney	36-32-1W									
Franco Central Oil Co., et al	SW SW SE	1,230	2,796.	3,187	3,865	4,211	.....	4,306	4,398	4,440
No. 1 Ashton	11-33-1W									
*Home-Stake Prod. Co.	NW SW SE	1,191	2,986.	3,364	4,058	4,418	.....	4,491	.....	4,520
No. 1 Akers	28-33-2W									
Aurora Gasoline Co.	SE SE NE	1,258	2,900	3,567	4,314	4,665	.....	4,741	.....	4,754
No. 1 Wooden	17-33-4W									
Sunray Mid-Continent Oil Co.	NE SE NW	1,160	3,040.	3,280	4,200	4,577	.....	4,665	.....	4,695
No. 1 Quillin	31-34-1W									
Nat'l. Coop. Refg. Assn.	NW NW SW	1,151	2,600	2,974.	4,127	4,512	.....	4,587	.....	4,594
No. 1 Estelman	24-34-2W									
Aurora Gasoline Co., et al	SW SW NW	1,190	2,775	.....	4,254	.....	4,664	4,671	.....	4,689
No. 1 Carnean Est.	11-34-3W									
Anderson-Prichard Oil Corp.	SW SW NE	1,215	2,042	2,656	3,220	3,538	.....	3,604	3,647	3,692
No. 1 M. J. Murray	24-30-1E									
White & Ellis Drig., Inc.	SW SW NE	1,226	2,380	3,350	3,860	4,173	2,730.	4,262	.....	4,286
No. 1 Miksch	32-33-1E									
Thomas										
*Jackson, Shear & Parker	SW SW SW	3,026	3,870	3,905	4,570	.....	.....	.....	.....	4,770
No. 1 Foster	14-6-32W									
*General Crude Oil Co.	SW SW NW	3,245	4,085	4,130	4,749	4,382.	.....	.....	5,002	5,301
No. 1 Williams	22-6-35W									
*Jackson, Shear & Parker	C SW NW	3,416	4,245	4,306	4,945	.....	.....	.....	.....	5,303
No. 1 Briney	6-6-36W									
J. S. Carter	SE SE SE	2,975	3,920	3,960	4,550	.....	.....	.....	4,720	4,972
No. 1 B. B. Foster	6-7-31W									
Roland L. Pelt & Co.	NE NE NE	2,939	3,947	3,994	4,554	.....	4,697	.....	.....	4,725
No. 1 Renners	14-7-31W									
Miami Pet. Co., Inc.	NW NW NW	3,130	4,105	4,152	4,714	.....	.....	.....	4,990	5,043
No. 1 Stewart "A"	28-7-33W									
General Crude Oil Co.	C NE SW	3,061	4,041	4,081	4,637	.....	.....	.....	5,000	5,305
No. 1 Bremenkamp	36-8-32W									

TABLE 31.—*Dry wildcat tests drilled in 1958, concluded*

County, company, and farm	Location	Surface eleva- tion, feet	Depth to top of formation, feet					Total depth, feet
			Heebner Lans- K.C.	Missis- sippian	"Kinder hook"	Viola	Simp- son	Ar- buckle
Virginia Drlg., Co., Inc. No. 1 Faulkner	NE NE NE 27-8-35W	3,273	4,086	4,133	4,750	.....	.....	4,840
*J. S. Carter No. 1 Broeckelman	NE NE NE 23-10-31W	2,948	3,967	4,009	4,581	4,560 _p	4,858	4,877
Trego								
*Transit Corp., et al No. 1 Hays Land	NW NW NW 7-11-21W	2,118	3,365	3,404	3,645 _b	.....	.....	3,759
*Rupp-Ferguson Oil Co. No. 1 Lynd	SW NW NW 33-11-21W	2,333	3,604	3,642	3,942 _p	.....	.....	4,017
K & E Drlg., Inc. No. 1 De Murry	SE SE SE 3-11-22W	2,200	3,432	3,472	3,718 _b	3,845 _p	.....	3,910
Woodman & Iannitti Drlg. Co. No. 1 Hanson	SE SE NW 26-11-22W	2,254	3,513	3,551	3,922 _p	.....	.....	3,960
Murfin Drlg. Co., et al No. 1 Osborn	NW NW NW 31-11-23W	2,446	3,796	3,831	4,391	4,476	4,553	4,564
Murfin Drlg. Co., et al No. 1 Berg	NW NW SW 6-11-24W	2,401	3,728	3,765	4,002 _b	.....	.....	4,020
*Veeder Supply & Dev. Co. No. 1 Ott	SE SE SE 7-11-24W	2,340	3,640	3,683	4,248	4,156 _p	.....	4,275
Woodman & Iannitti Drlg. Co., et al No. 1 Kohl	NW NW SW 2-12-21W	2,315	3,581	3,618	.....	.....	.....	3,974
K & E Drlg., Inc. No. 1 Flax	SE SE NW 18-12-21W	2,311	3,574	3,610	3,982 _p	.....	.....	4,002
K & E Drlg., Inc. No. 1 Riggs	SE SE NW 3-12-22W	2,387	3,641	3,676	3,933 _b	.....	.....	4,098
*John O. Farmer, Inc., et al No. 1 Zeman	SE SW SW 12-12-25W	2,517	3,844	3,884	4,453	4,133 _b	4,426 _p	4,500
Murfin Drlg. Co., et al No. 1 Nelson	SE SE SE 10-14-22W	2,243	3,628	3,664	4,195	.....	4,255	4,298

Continental Oil Co.

No. 1 H. E. Mills

•Midwest Pet. & Expl.

No. 1 Mullenkamp

Artnell Co., et al

No. 1 Hilmes

Wabaunsee

•William Gruenerwald

No. 1 Zecker

White & Ellis Drilg. Co.

No. 1 Hineman

White & Ellis Drilg. Co.

No. 1 Lockhart

Cities Service Oil Co.

No. 1 Lockhart

White & Ellis Drilg. Co.

No. 1 Bush

a "Anhydrite"

b Base of Kansas City

c Granite or "granite wash"

d "Hutton"

e Pennsylvanian basal conglomerate

f "Stainaker"

g Topeka

h No electric or radioactivity logs available. Kansas Sample Log Service, Independent Oil and Gas Service, and other available data sources have been used.

NE NE SE	2,120	3,508	3,547	4,075	4,131	4,138	4,240	.....	4,250
24-14-22W	2,430	.....	.....	"Tight Hole"	.....	.....	.....	.....	4,472
NE SW SE	2,332	3,682	3,723	4,328	4,019 ^h	.....	.....	.....	4,400
20-15-24W									
SE NE SW									
27-15-24W									
C SE SE	1,228	1,124	1,368	2,402	2,686	3,170	3,288	3,366	3,418
24-12-10E									
SW SW SE	1,385	1,220	1,465	2,524	2,868	3,273	3,402	.....	3,434
2-13-11E									
SW SW NW	1,425	1,275	1,533	2,555	2,924	3,291	3,406	.....	3,429
5-14-11E									
SE SE SW	1,556	1,395	1,686	2,696	3,030	3,362	3,456	3,536	3,595
19-14-11E									
SE SW NW	1,298	958	1,243	2,302	2,622	2,878	3,007	2,763 ^h	3,043
9-15-12E									

TABLE 32.—Oil production in Kansas during 1958

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abct. wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, Thick- ness, ft.	
ALLEN COUNTY								
Bronson-Xenia*	17-25-21E				241	2	"Bartlesville"	18
a		2,600	192,605					
b		680	3,520					
Colony West* ('22)	15-23-18E				33		"Squirrel"	820
a		550	1,432					
b		200	302					
Davis-Bronson*	24-21E				82		"Bartlesville"	45
a		120	452					
b		870	17,225					
Elsmore Shoestring ('08)	5-26-21E	1,600	18,348		97		"Bartlesville"	24
Elsmore West ('11)	12-26-20E				19		"Bartlesville"	20
a		160	6,203					
b		80	239					
c		120	269					
Humboldt-Chanute*	26-18E				1,057	34	"Bartlesville"	850
a		80	725					
b		400	22,361					
c		1,300	394,230					
d		1,500	71,742					
e		400	9,418					
f		300	239					
g		100	103					
h		1,400	24,848					
i		40	389					
Iola	24-18E				332	1	"Bartlesville"	850
a		2,800	154,778					

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TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		Aver. grav.
		Area, acres	during 1958 to end, 1958		Name	Depth, Thick- ness, ft.	
Centerville* ('20)	10-21-22E	850	20,327	72	"Bartlesville"	480	15
Colony-Welda ('16)	4-23-19E			183	"Weiser"	600	15
a		120	20,139		"Squirrel"	780	
b		220	5,951				
c		140	9,904				
d		600	44,930				
e		20	1,095				
f		20	144				
g		20	483				
h		160	24,733				
Colony West* ('22)	15-23-18E	1,100	42,299	95	"Squirrel"	825	36
Garnett Shoestring ('04)	32-20-20E			28	"Squirrel"	700	33
a		160	20,470		"Garnett"	800	
b		160	721				
c		200	3,437				
d		200	4,373				
e		120	479				
Greeley	29-21E	120	22	3	Cherokee	800	
Kincaid ('21)	10-23-21E			78	"Bartlesville"	750	12
a		640	8,206				
b		200	3,180				
Selma ('29)	9-22-21E	320	9,920	33	"Bartlesville"	700	25
Miscellaneous			7,679				
Total Anderson County		8,310	554,646	1,268			
			18,827,284 recorded	13			

BARBER COUNTY									
Amber Creek ('52)	36-30-12W	80	1,303	18,202	2	Mississippi	4,296	30	
Bloom ('55)	23-32-12W	40	4,623	24,202	2	Mississippi	4,310	30	
						Simpson	4,672	3	
Blunk ('56)	30-34-13W	40	70	70	1	Mississippi	4,727		
Blunk South ('56)	1-35-14W	40	150	150	1	Mississippi	4,821		
Boggs Southwest ('55)	30-33-12W	1,600	15,102	47,175	17	Mississippi	4,456	5	
Brooks-Younger ('55)	23-32-13W	80	4,120	29,101	2	Mississippi	4,423		
Clara* ('48)	36-29-14W	40	2,883	77,335	1	Simpson	4,472		
Deerhead ('43)	22-32-15W	640	45,737	1,040,324	10	Viola	4,950	9	40.0
DeGeer ('48)	2-33-15W	40	no runs	755,590	1	Viola	5,176	10	28
						Simpson	5,356	2	40.18
Donald ('46)	33-31-15W	780	77,006	92,107	11	Mississippi	4,697		
Eads* ('58)	4-30-14W	40	322	322	1	Simpson	4,561	9	
Elsa ('56)	27-32-14W	160	4,419	5,465	4	Marmaton	4,668	20	
						Mississippi	4,662	18	
Elwood ('56)	34-34-13W		Included with Hardtner						
Farley ('56)	32-34-14W	120	362	563	3	Mississippi	4,732	18	
Goemann ('55)	29-32-10W		Now called McGuire-Goemann						
Gudeman ('54)	10-35-10W	40	1,348	10,989	1	Viola	5,152	10	
Hardtner ('54)	31-34-12W	2,200	134,406	289,779	60	Mississippi	4,782	6	
Highway ('56)	14-32-11W	200	33,134	65,146	5	Douglas	3,587	16	
Lake City ('37)	7-31-13W		No report	307,965		Viola	4,435		
						Simpson	4,530		
						Arbuckle	4,607		
Landis ('55)	21-34-11W	40	1,173	4,093	1	Mississippi	4,630	10	25
Little Bear Creek ('54)	12-32-14W	120	no runs	1,901	3	Douglas	3,908	16	
						Viola	4,670	10	
McGuire ('56)	24-32-11W		Now called McGuire-Goemann						
McGuire-Goemann ('55)	29-32-10W	480	9,088	17,791	9	Mississippi	4,433	20	
Medicine Lodge-Boggs ('37)	13-33-13W	4,200		4,092,787	1	Marmaton	4,664	18	37
			1,167		1	Mississippi	4,495	6	
			25,865		38	"Misener"	4,845		
			305,377		30	Simpson	4,806		

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.			Pro- ducing wells 1958	Producing zone		Aver. Thick- ness, ft. grav.
		Area, acres	during 1958	to end, 1958		Name	Depth, ft.	
Medicine Lodge North ('54)	25-32-13W	1,200	146,914	402,672	28	Mississippian	4,480	13
Medicine Lodge Southwest ('54)	6-34-13W	80	643	944	2	Mississippian	4,889	
Nippawalla ('51)	13-33-12W	40	267	1,401	1	Douglas	3,659	
Palmer ('58)	30-32-13W	40	3,524	3,524	1	Marmaton	4,477	11
Rhodes ('49)	15-33-11W	5,500	663,670	5,137,630**	128	Mississippian	4,551	26.3
						Viola	4,803	
Rhodes Northeast ('56)	2-33-11W	440	4,908	4,908**	11	Mississippian	4,400	10
Rhodes South ('57)	6-34-11W	280	35,058	40,432**	7	Mississippian	4,564	30
Roundup South ('53)	33-33-11W	80	2,063	2,063	2	Mississippian	4,457	
Salt Fork ('54)	11-35-15W		Abandoned during 1958			Marmaton	4,780	
						Mississippian	4,982	21
Sharon* ('55)	13-32-10W	960	41,604	113,724	25	Mississippian	4,355	10
Sharon Northwest ('56)	11-32-10W	800	6,794	11,434	13	Mississippian	4,347	10
Skinner ('43)	29-31-14W	600	42,884	2,055,651	9	Viola	4,626	38
						Simpson	4,422	
Stumph ('52)	7-32-14W	380	30,429	167,228	3	Mississippian	4,801	4
						Simpson	4,963	7
Sun City ('41)	35-30-15W	640	12,741	1,599,705	7	Lans.-K.C.	4,344	
Turkey Creek ('43)	20-30-15W	40	no runs	56,078	1	Lans.-K.C.	4,345	26
						Simpson	4,438	
Turkey Creek East ('57)	21-30-15W	640	160,450	214,479	17	Viola	4,557	5
Turkey Creek North ('52)	17-30-15W		no report	15,077	1	Penn. congl.	4,541	12
Wells ('57)	18-34-15W	40	1,296	2,570	1	Cherokee	4,768	10
						Mississippian	4,768	24
Whelan ('34)	32-31-11W	1,200	57,959	3,406,445	23	"Chat"	4,355	27
Whelan East ('54)	21-31-11W	40	no runs	61	1	Douglas	3,746	

Whelan Southwest ('54)	11-32-12W	40	1,573	14,065	1	Mississippi	4,229	11
Whelan West ('55)	25-31-12W	no report	no report	12,887		Mississippi	4,284	8
Wolgamott ('57)	16-35-14W	40	305	547	1	Cherokee	4,865	4
Pools or fields abandoned				5,995				
Total Barber County		24,060	1,913,616	20,150,377**	490			17
BARTON COUNTY								
Ainsworth South ('37)	10-17-13W	3,500	291,366	4,836,912	72	Lans.-K.C.	3,170	
Ameh ('51)	19-18-11W	80	1,595	45,043	2	Arbuckle	3,390	50
Ames ('43)	22-18-11W	1,200	52,165	1,812,568	29	Lans.-K.C.	3,103	10
Ames Northwest ('47)	9-18-11W	40	2,774	51,966	1	Arbuckle	3,042	
						Lans.-K.C.	3,348	6
						Arbuckle	3,106	40.2
Axman ('49)	19-17-14W	160	4,953	174,990	4	Lans.-K.C.	3,312	11
					2	Arbuckle	3,136	43
Bailey ('56)	30-18-11W	160	28,035	70,357	4	Lans.-K.C.	3,400	
Barrett ('43)	36-16-14W	400	19,230	277,520	2	Arbuckle	3,270	5
			20,300		7	Lans.-K.C.	3,396	21
						Arbuckle	3,355	5
Bart-Staff* ('51)	4-21-14W	600	90,635	793,734	13	Lans.-K.C.	3,463	5
						Arbuckle		40
Batchman ('50)	19-20-12W	300	7,380	86,524	4	Lans.-K.C.	3,572	
Beaver ('34)	16-16-12W	2,400	133,910	4,197,590	44	Arbuckle	3,459	21
					1	Oread	2,885	35.5
						Toronto	2,938	6
Beaver North* ('37)	4-16-12W	400	9,686	733,751	9	Arbuckle	2,938	5
Beaver South ('45)	27-16-12W	2,400	164,220	1,285,389	42	Reagan	3,348	
						Arbuckle	3,335	
						Lans.-K.C.	3,316	10.5
						"Sooy"	3,154	39
						Arbuckle	3,359	42

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.			Pro- ducing abnd., wells 1958	Name	Producing zone	
		Area, acres	during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.
Behrens ('44)	6-20-15W	640	9,105	640,600	9	Arbuckle	3,719	4
Behrens Northeast ('55)	29-19-15W		no report	275	1	Arbuckle	3,639	
Bergtal ('41)	22-20-15W		Abandoned during 1958			Arbuckle		
Bergtal South ('51)	27-20-15W		Abandoned during 1958			Arbuckle	3,675	
Bernard ('50)	10-19-11W	320	32,060	378,129	11	Shawnee	2,866	6
						Lans.-K.C.	3,224	
						Arbuckle		10
Bissell Point ('54)	10-19-13W	40	no runs	4,549	1	Lans.-K.C.	3,276	5
Bloomer* ('36)	36-17-11W	1,200	176,406	11,843,234	57	Lans.-K.C.	3,044	8
						Arbuckle	3,257	43
Bottoms ('58)	36-18-12W	40	1,143	1,143	1	Lansing	3,144	10
Boyd ('42)	4-18-14W	3,900	440,945	8,756,392	128	Lans.-K.C.	3,177	
						Arbuckle	3,438	12
						Precambrian	3,311	
Capitol View ('50)	9-17-14W	500	25,204	156,832	6	Lans.-K.C.	3,230	37
						Arubekle	3,450	
Carroll ('44)	21-17-14W	2,500	246,263	3,699,510	64	Lans.-K.C.	3,109	4
						Arbuckle	3,356	16
Carroll Southwest ('47)	32-17-14W	120	2,666	68,219	3	Lans.-K.C.	3,193	8
Chase-Sillica* ('31)	32-19-9W	22,400	1,703,691	90,934,958	570	Douglas	2,950	36
						Lans.-K.C.	2,955	
						Arbuckle	3,328	48
Cheyenne View ('49)	12-19-12W	2,600	297,095	3,835,312	109	Lans.-K.C.	3,152	6
						Penn. congl.	3,393	40
						Arbuckle	3,390	17
Cheyenne View East ('57)	13-19-12W	80	10,511	20,850	2	Lans.-K.C.	3,120	4
Clafin ('54)	3-18-11W	40	177	7,614	1	Lans.-K.C.	3,044	4
						Arbuckle	3,320	4

Clafin Northeast ('55)	3-18-11W	160	3,694	25,374	4	Lans.-K.C.	3,040	21
Clarence ('53)	35-19-15W		no report	5,841		2 Lans.-K.C.	3,291	6
Clarence Northwest ('54)	35-19-15W	40	10,481	47,902	1	Reagan	3,534	8
Davidson* ('30)	4-16-11W	40	3,094	262,677	1	Lansing	3,394	12
						Precambrian	3,531	
						Lans.-K.C.	3,016	
						"Sooy"	3,317	9
Demel ('57)	6-17-11W	120	12,417	13,677	3	Arbuckle	3,314	
Dundee ('45)	29-20-14W		Abandoned during 1958			Lansing	3,053	10
Eberhardt ('35)	14-19-11W	300	9,253	490,187	5	Arbuckle	3,306	16
Ellinwood North ('37)	33-19-11W	1,300	79,565	1,020,915	33	Arbuckle	3,507	
						Lans.-K.C.	3,194	3
Esfeld ('47)	15-16-11W	40	3,102	14,584	1	Lans.-K.C.	3,090	
Ess ('53)	13-19-14W	40	3,950	38,103	1	Arbuckle	3,328	8
Feist (revived) ('35)	29-18-11W	200	23,456	84,130	5	Lans.-K.C.	3,343	
						Arbuckle	3,326	9
Fleske ('53)	3-20-15W	40	508	5,630	1	Lans.-K.C.		38
Fort Zarah ('50)	30-19-12W	3,200	328,732	4,709,828	97	Penn. congl.		
						Lans.-K.C.	3,470	4
						Arbuckle	3,157	6
Fort Zarah North ('51)	19-19-12W	160	6,615	119,484	4	Lans.-K.C.	3,384	37
						Arbuckle	3,208	6
Frank ('52)	7-19-12W		Abandoned during 1958			Arbuckle	3,436	
Galatia ('58)	11-16-15W	40	935	935	1	Lans.-K.C.	3,322	6
Great Bend Airport ('52)	26-19-14W	640	40,786	446,078	15	Lansing	3,193	3
						Lans.-K.C.	3,320	4
Great Bend Northwest ('55)	24-19-14W	120	15,897	47,801	3	Arbuckle	3,473	40.2
						Lans.-K.C.	3,315	13
Great Bend Southwest ('52)	25-19-14W	80	4,521	93,874	2	Arbuckle	3,460	5
Great Bend Townsite ('53)	21-19-13W	1,300	86,914	666,842	36	Lans.-K.C.	3,322	4
						Lans.-K.C.	3,196	32
						Arbuckle	3,441	4

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn., wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, ft., thickness, ft.	
Great Bend West ('51)	23-19-14W	40	1,999	71,884	1	Lans.-K.C.	3,332	5
Hall-Gurney* ('31)	30-14-13W	600	120,581	2,252,490	33	Shawnee Lans.-K.C. "Sooy"	3,066	
Hammeke ('50)	17-19-11W	160	10,365	121,576	4	Arbuckle Lans.-K.C.	3,065	32
Hammeke Southeast ('50)	17-19-11W	80	7,477	90,733	2	Lans.-K.C.	3,089	7
Hammer ('40)	35-19-12W	1,000	279,323	2,108,020	39	Lans.-K.C. Arbuckle	3,088 3,348	8
Harrison ('42)	18-20-13W	180	16,126	22,547	3	Lans.-K.C. Arbuckle	3,403 3,520	6
Hawkins ('52)	3-19-13W	320	10,386	106,569	5	Lans.-K.C. Arbuckle	3,158 3,393	16 40
Heizer ('35)	16-19-14W	40	1,595	57,505	1	Lans.-K.C.	3,228	2
Heizer Southwest ('52)	21-19-14W	200	6,496	82,983	3	Lans.-K.C. Arbuckle	3,379 3,552	39.3
Heizer West ('55)	17-19-14W	160	10,041	78,539	6	Lans.-K.C. Arbuckle	3,237 3,546	11
Herres ('55)	33-17-13W	320	29,312	173,402	13	Lans.-K.C. Arbuckle	3,128 3,343	4 10
Hiss ('36)	31-20-13W	1,000	29,074	930,502	15	Lans.-K.C.	3,270	39
Hiss East ('52)	33-29-13W	40	2,214	51,355	1	Lans.-K.C. Arbuckle	3,383 3,549	18
Hiss South ('50)	31-20-13W	80	2,860	110,349	3	Arbuckle	3,542	31
Hiss Southeast ('48)	32-20-13W	160	8,660	192,669	5	Lans.-K.C. Arbuckle	3,414 3,545	36.5
Hoisington ('38)	21-17-13W	760	83,651	1,664,011	37	Lans.-K.C. Arbuckle	3,222 3,440	4 37.5

Hoisington East ('54)	23-17-13W	160	8,976	98,613	4	Lans.-K.C. Arbuckle	3,140 3,338	5	37.5
Hoisington North ('56)	16-17-13W	Combined with Ainsworth South			2	Lans.-K.C. Arbuckle	3,282 3,363	21	
Hoisington Southwest ('54)	20-17-13W								
Homestead West ('55)	21-18-13W	40	no runs	2,511	1	Arbuckle	3,300	10	
Jettie ('54)	27-20-14W	40	9,667	58,422	2	Simpson	3,534	6	
Kimpler ('55)	31-18-11W	160	20,080	101,235	3	Lans.-K.C. Arbuckle	3,184 3,413	3 6	
Klepper ('51)	2-19-11W	200	9,261	182,059	4	Lans.-K.C.	3,220		38
Klug ('46)	28-17-13W	40	2,654	56,187	1	Arbuckle	3,414	7	28
Klug North ('48)	27-17-13W	120	9,564	174,439	3	Arbuckle	3,377	10	37
Klug Northwest ('57)	28-17-13W	80	5,496	6,302	2	Arbuckle	3,423	4	
Klug West ('56)	33-17-13W	80	3,061	39,918	1	Lans.-K.C. Arbuckle	3,149 3,394	28 5	
Koopman ('53)	23-19-13W	40	13,919	30,113	2	Lans.-K.C.	3,220	3	37
Kowalsky* ('41)	32-20-11W	1,400	194,812	2,059,151	42	Arbuckle Lans.-K.C.	3,398 3,185	11 4	49.5
Kraft-Prusa* ('37)	10-17-11W	25,000	3,050,895	89,889,792	725	Arbuckle Shawnee Douglas Lans.-K.C. "Gorham" Arbuckle Reagan Precambrian	3,378 2,885 2,997 3,160 3,335 3,281 3,310		43
Kraft-Prusa Northeast ('41)	36-16-11W	240	14,180	426,247	6	Lans.-K.C. Arbuckle	3,250 3,351	8 6	
Kruckenber (revived) ('58)	13-19-15W	40	3,513	19,128	1	Arbuckle	3,562		
Lake Barton ('48)	21-18-13W	40	5,693	15,336	1	Arbuckle	3,372		
Lanternman ('34)	15-19-11W	900	12,910	991,992	10	Lans.-K.C. Arbuckle	3,109 3,235	3	35

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abds., wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, ft.	
Larkin ('51)	10-17-14W	40	4,592	118,399	1	Lans.-K.C.	3,280	6 37
Leoville ('50)	7-17-14W	900	150,713	1,192,428	24	Lans.-K.C.	3,267	38
						Penn. congl.	3,439	2
Liberty ('52)	23-20-14W	40	794	11,219	1	Arbuckle	3,464	
McCauley ('49)	34-17-13W	40	842	20,423	1	Lans.-K.C.	3,341	5
						Lans.-K.C.	3,276	4
						Arbuckle	3,366	
Mary Ida* ('50)	31-18-10W	400	56,708	499,398	10	Lans.-K.C.	3,033	
						Arbuckle	3,272	5 36
Mary Ida North ('52)	25-18-11W	40	1,791	15,713	1	Arbuckle	3,304	7
Meadowside ('49)	24-18-11W	320	17,274	479,042	3	Lans.-K.C.	3,079	12 38.19
			27,913		7	Arbuckle	3,284	
Merten Northeast ('46)	36-18-15W	320	70,150	92,694	12	Arbuckle	3,494	
Moses (revived) ('53)	14-20-14W	40	no runs	5,444	1	Lans.-K.C.	3,322	12
						Arbuckle	3,540	14
Ney South ('58)	1-16-13W	160	14,309	47,624	5	Topeka	2,940	10
			33,315		4	Lansing	3,120	3
Nuss* ('55)	5-16-14W	420	24,454	54,231	7	Lans.-K.C.	3,183	4
						Arbuckle	3,387	8
Odin ('48)	3-17-12W	800	28,516	309,769	10	Arbuckle	3,321	2 31.5
Olmitz ('58)	1-18-15W	40	4,317	4,317	1	Lans.-K.C.	3,295	
						Arbuckle	3,540	4
Otis-Albert* ('35)	30-18-15W	11,000	242,174	6,246,985	122	Reagan	3,601	
Pawnee Rock* ('36)	13-20-16W	40	1,931	243,863	1	Arbuckle	3,832	16
Pawnee Rock East ('41)	17-20-15W		Abandoned during 1958			Arbuckle	3,814	
Phillips ('57)	12-16-13W	200	35,118	50,849	5	Arbuckle	3,366	4
Popp ('58)	3-16-14W	40	391	391	1	Arbuckle	3,352	5

Prairie View ('50)	20-19-11W	360	19,590	348,417	8	Lans.-K.C.	3,080	36	40
Pritchard* ('44)	34-20-14W	1,600	149,155	3,132,342	41	Lans.-K.C.	3,253	8	35.2
						Marmaton	3,625		
Putnam ('51)	7-17-13W	160	2,186	72,377	4	Arbuckle	3,455	3	
Putnam West ('51)	1-17-14W	80	5,622	61,735	3	Lans.-K.C.	3,286	7	39
Red Brick ('53)	23-19-13W	200	9,464	41,770	4	Lans.-K.C.	3,225	8	38
						Penn. congl.	3,240	7	
						Arbuckle	3,414	2	
Redwing ('50)	31-17-12W	400	20,075	245,635	11	Lans.-K.C.	3,448	7	40
						Arbuckle	3,083		
Redwing East ('55)	33-17-12W	400	18,748	259,830	4	Lans.-K.C.	3,335	5	
			67,969		11	Arbuckle	3,120	2	
Reif South ('50)	31-16-12W	120	3,434	50,257	4	Lans.-K.C.	3,352	5	38
Reimer ('56)	25-17-15W	40	2,474	10,793	1	Lans.-K.C.	3,172	4	
Rick* ('36)	1-19-11W	640	27,779	1,228,395	14	Lans.-K.C.	3,357		41
						Arbuckle	3,106		
Rocsler* ('43)	14-18-11W	1,500	123,327	1,544,934	31	Lans.-K.C.	3,355		
						Arbuckle	3,208	7	
Rolling Green ('48)	36-20-13W		Abandoned during 1958			Lans.-K.C.	3,291		
Rolling Green East ('49)	30-20-12W	320	14,554	71,502	6	Arbuckle	3,257		
St. Peter ('44)	5-19-11W	1,280	235,801	1,777,510	50	Lans.-K.C.	3,491	6	
						Arbuckle	3,121	3	
St. Peter East ('56)	34-18-11W	500	24,711	272,504	3	Topeka	3,387	3	
			161,145		23	Lans.-K.C.	2,870	14	
St. Peter Northwest ('57)	29-18-11W		Combined with Feist				3,116		
Sandford ('51)	25-17-14W	40	3,322	51,332	1	Arbuckle	3,375	19	36.2
Sandrock ('51)	21-20-13W	500	35,794	426,502	10	Lans.-K.C.	3,412	8	35.37
Sandrock Southeast ('54)	34-20-13W		Abandoned during 1958			Lans.-K.C.	3,262	18	
South Bend ('54)	9-20-13W	160	15,557	102,041	8	Lans.-K.C.	3,317	8	48
Stiles ('58)	7-16-12W	40	2,851	2,851	1	Arbuckle	3,353	4	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing ab- wells 1958	Producing zone		
		Area, acres	during 1958 to end, 1958		Name	Depth, ft.	Thick- ness, ft. Aver. grav.
Sunflower ('49)	8-17-12W		Abandoned during 1958		Arbuckle	3,376	
Sunny Valley ('49)	7-20-12W	160	8,185 339,134	5	Lans.-K.C.	3,230	9
Sunny Valley Northeast ('54)	6-20-12W	240	23,167 156,054	6	Arbuckle	3,422	12
Sunny Valley Southwest ('54)	23-20-13W		Abandoned during 1958	1	Lans.-K.C.	3,336	5 35
Templing ('55)	23-16-14W	160	27,501 94,610	4	Lans.-K.C.	3,332	8
					Arbuckle	3,402	
Trapp* ('36)	23-15-14W	12,240	897,856 53,509,861	339 10	Shawnee	2,889	
					Douglas	2,966	
					Lans.-K.C.	3,062	39
Unruh ('45)	24-20-15W	640	5,287 219,167	9 1	Arbuckle	3,641	3
Voight ('58)	15-20-13W	40	593 593	1	Arbuckle	3,487	13
Weikert ('53)	36-18-12W	150	7,534 65,760	4 1	Lans.-K.C.	3,169	7 42
Werner-Robl ('51)	30-19-11W	960	32,403 307,299	8	Lans.-K.C.	3,106	16 37.40
					Arbuckle	3,364	
Workman Northwest ('56)	21-20-12W	1,800	33,446 1,022,158	3 3	Lans.-K.C.	3,167	6
			417,045	56	Arbuckle	3,438	10
Workman West ('56)	28-20-12W	160	29,016 56,143	4	Arbuckle	3,434	16
Pools or fields abandoned			815,545				
Total Barton County		127,370	11,546,500 320,785,515	3,286 105			

BOURBON COUNTY

Bronson-Xenia*	17-25-21E			50 2	"Bartlesville"	665
a		640	3,228			
b		80	139			
c		80	152			

	23-21E	700	5,741	28	7	"Bartlesville"	560
d							
Davis-Bronson*							
a		320	1,100				
b		20	215				
c		640	4,658				
Hepler* ('17)	27-22E	440	11,200	40		"Bartlesville"	
a		40	315				
b			no report				
Lost Creek		10	203	1+			
Miscellaneous				119	9		
Total Bourbon County		2,970	26,951	927,784			
				recorded			
BROWN COUNTY							
Livengood ('44)	3-1-15E	no report		90,394		"Hunton"	2,580
				recorded			
BUTLER COUNTY							
Allen-Robison ('43)	1-26-3E	600	9,985	24	2	Mississippian	2,700
Asmusson ('57)	16-29-4E	1,400	262,138	38		Lansing	1,840
						"Misener"	2,856
						Arbuckle	2,695
Augusta ('14)	21-28-4E		39,520,644	180	10	Lansing	1,700
a		40	1,029			Kansas City	2,000
b		6,200	288,490			Marmaton	2,200
						Ordovician	2,445
Augusta North ('14)	28-27-4E	1,100	86,220	67	1	Arbuckle	2,600
						Lansing	1,650
						Kansas City	1,950
						Ordovician	2,380
						Arbuckle	2,410

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TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone	
		Area, acres	during 1958 to end, 1958			Depth, ft.	Thick- ness, ft. Aver. grav.
Bare ('52)	31-28-5E		Abandoned during 1958	3	"Bartlesville"	2,778	11
Bausinger ('29)	24-27-3E	160	2,193	2	Simpson	3,050	
Benton ('25)	26-3E	40	1,503		"Chat"	2,965	
a		40	1,552				
b							
Blankenship* ('21)	26-8E	1,200	109,427	83	"Bartlesville"	2,650	50
a		40	665				
b		120	4,227				
c		160	20,239	4	Mississippian	2,716	
Blood ('58)	29-29-4E			36	"Chat"	2,692	
Brandt-Sensenbaugh ('25)	22-28-7E	120	5,075				
a		40	1,540				
b		1,000	23,014				
c		80	2,690				
d		280	3,605	6	"Chat"	2,692	19
Brickley ('51)	2-27-7E	40	696	1	"Bartlesville"	2,699	33
Brickley Southwest ('52)	3-27-7E	240	4,962	4	Mississippian	2,860	
Butwick* ('49)	7-26-3E	10	1,074	1	"Chat"	2,820	
Butwick Northeast ('49)	7-26-3E		Abandoned during 1958				
Combs* ('47)	5-30-5E	160	11,465	6	"Bartlesville"	2,820	
				3	Mississippian	2,850	
Combs Northeast ('48)	27-29-5E	160	3,268		"Bartlesville"	2,810	
De Graff ('55)	8-24-5E		no report		"Burgess"	2,440	
De Moss	8-28-7E		Combined with Keighley				
Dixon ('46)	12-27-6E	40	269	1	Kansas City Mississippian	2,160	

Douglass ('16)	21-29-4E	80	106	9	Lans.-K.C. Ordovician	1,790	41
a		160	1,393			3,000	
b		60	865				
c		110	2,988				
d		20	249	1	Lansing	1,880	10
Douglass Townsite ('58)	20-29-4E	40	1,779	1	Lans.-K.C.	2,190	
Eckel ('40)	7-27-7E		Abandoned during 1958				
		20	985	1	Mississippian	2,759	
Edgcomb ('51)	9-25-3E	40	1,658	2	Mississippian	2,471	
Edmonds*	31-22-4E			75	Kansas City	2,120	35
Elbing* ('18)	18-23-4E	450	32,158		Mississippian	2,400	
a		1,400	269,320		Viola	2,530	
b		160	2,348	8	Lans.-K.C.	1,799	
Elbing East ('50)	27-23-4E		37,448		Kansas City	2,041	14
Elbing South ('58)	32-23-4E		no report	102	Admire	630	37
El Dorado ('15)	29-25-5E	24,000	4,370,959	1,658	Lansing	1,700	37
					Kansas City	2,000	36
					Viola	2,500	37
					Simpson	2,510	
					Wilcox	2,600	37
					Arbuckle	2,550	38
Ferrell ('39)	28-28-8E	700	44,137	28	Mississippian	2,647	
Flint ('57)	6-24-6E	40	2,299	1	Mississippian	2,443	17
Four Mile Creek ('51)	5-28-3E	40	14,776	2	Simpson	3,069	3
Fox Bush ('17)	24-29-5E	3,500	470,543	129	"Bartlesville"	2,730	25
Fox Bush West ('53)	15-29-5E	280	1,777	5	"Bartlesville"	2,837	11
Garden ('25)	36-26-6E	300	6,989	6	"Bartlesville"	2,760	
Gelwick ('29)	27-4E	20	7,323	1	Viola	2,924	
Guyot ('48)	5-29-5E		Abandoned during 1958		"Bartlesville"	2,800	
Hannah ('36)	29-8E	160	13,192	8	Kansas City	2,120	
Haverhill ('27)	34-27-5E	1,400	67,929	56	"Bartlesville"	2,700	
			4,733,719	2			

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		
			during 1958	to end, 1958		Name	Depth, Thick- ness, ft.	Aver. grav.
Hazlett	24-5E	1,600	153,757	1,835,215	74	Mississippian	2,480	
Hickory Creek ('46)	11-28-5E	320	40,616	1,022,493	17	"Bartlesville" Mississippian	2,685 2,700	
Joseph ('47)	18-24-5E		Abandoned during 1958		54	"Chat" "Bartlesville" Simpson	2,491 2,650 3,148	
Keighley ('25)	22-27-7E	2,500	48,390					
a		640	10,638					
b		2,400	165,688		65	Lans.-K.C. Simpson	3,000	
Kramer-Stern ('26)	3-28-6E					Arbuckle "Chat" "Bartlesville" Viola	3,040 2,660 3,050	
Leon ('22)	19-27-6E	640	32,088	3,641,045	28	Mississippian	2,753	5
Long ('49)	15-26-7E	40	1,765	24,558	1	Mississippian	2,780	
Long Northeast ('53)	11-26-7E	40	1,742	11,664	1	Mississippian	2,753	
Lucas ('46)	6-27-8E		Combined with Keighley					
McCann ('33)	7-25-3E	20	112	2,462	1	"Burgess"	2,765	
McCullough ('29)	1-28-6E		Abandoned during 1958			Simpson	3,169	
Mellor ('57)	1-24-3E	320	59,021	60,820	10	Mississippian	2,442	6
Mellor East ('58)	7-24-4E	280	27,603	27,603	7	Mississippian	2,492	
Mellor Northeast ('58)	6-24-4E		no report			Mississippian	2,441	10
Mellor West ('58)	1-24-3E		Combined with Mellor					
Mt. Tabor ('53)	36-29-4E	440	4,015	111,661	10	"Bartlesville"	2,757	8
Muddy Creek ('50)	13-29-4E	1,280	15,557	610,660	33	"Bartlesville"	2,813	
Murdock ('52)	23-25-3E	40	1,232	8,742	1	Mississippian	2,709	10
Parsley ('49)	3-26-3E	160	2,683	121,428	5	Mississippian	2,700	
Paulson ('58)	35-23-3E	200	19,248	19,248	5	Mississippian	2,519	10

Paulson Northeast ('58)	24-23-3E	40	911	911	2	Mississippi	2,467
Phares ('57)	5-26-3E	40	1,548	3,156	1	Mississippi	2,756
Pierce ('26)	28-25-4E	800	57,656		34	"Chat"	2,550
Pierce Northwest ('54)	21-25-4E	320	6,887	66,680	8	Mississippi	2,569
Pierce West ('51)	20-25-4E	80	1,875	30,119	2	Mississippi	2,515
Plum Grove ('58)	24-24-4E	200	5,022	5,022	5	Mississippi	2,515
Pontiac Southwest ('56)	23-26-6E	40	150	1,886	1		
Potwin ('17)	31-24-4E	3,500	117,760	8,582,410	113	Kansas City	2,550
Powell	12-24-3E	20	1,613	1,613	1	Mississippi	2,660
Reynolds-Schaffer ('22)	9-27-6E	3,200	114,904		62	Mississippi	2,375
					1	Kansas City	2,780
						Mississippi	3,141
Rombold ('49)	4-26-3E	40	3,617	51,655	2	Mississippi	2,770
Salter ('46)	23-28-3E	500	43,740	1,503,800	25	Simpson	3,000
Seward ('26)	27-27-7E		Combined with Keighley				
Shinn ('46)	19-29-8E	450	63,811	912,046	18	Mississippi	2,766
Shinn Northeast ('56)	17-29-8E	180	12,248	38,452	3		
Smock-Sluss ('17)	2-27-5E				53	"Bartlesville"	2,700
a		1,500	83,295			Viola	3,000
b		40	808				
c		480	28,031				
Snowden-McSweeney ('30)	34-28-6E	1,800	60,605		91	Lans.-K.C.	2,060
						"Peru"	2,404
						"Bartlesville"	2,810
Steinhoff ('26)	28-29-6E	80	3,302		2	Mississippi	2,833
Towanda ('48)	5-26-4E	400	196,395	2,669,630	33	Mississippi	2,803
						Mississippi	2,400
Whitewater ('49)	32-25-4E	320	28,256	426,629	8	Viola	2,460
Whitewater North ('51)	29-25-4E		Abandoned during 1958			Viola	2,625
Young ('20)	27-26-7E				47	Viola	2,700
a		640	11,944		1	Mississippi	2,650
b		950	102,802				

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Producing zone	
		Area, acres	during 1958 to end, 1958		Name	Depth, Thick- ness, ft. ft.
Miscellaneous			24,120	20+ 1		
Total Butler County		72,790	7,714,554	429,587,001 recorded	3,273 165	
CHASE COUNTY						
Atyeo-Pixlee* ('23)	7-22-10E	120	20,972	10	"Bartlesville"	2,250
a		120	5,641			
b		700	60,865	28 1	"Bartlesville"	2,500
Teeter* ('20)	16-23-9E			38 1		
Total Chase County		940	87,478	442,271 recorded		
CHAUTAQUA COUNTY						
Berlin	32-11E	80	1,086	2		
Borroum ('26)	20-34-9E	200	4,075	6	Marmaton	1,780
Elgin	34-10E			150 1	"Peru"	1,520
a		640	2,998			
b		1,100	22,314			
c		100	1,666			
d		80	355			
e		120	1,308			
f		540	6,366			
Elk City*	32-13E	40	213	1	"Burgess"	1,360
Frazier	33-13E			8	"Peru"	1,520
a		40	153			
b		280	1,909			

Hale-Inge* ('07)	32-12E	100	232	66	11	"Peru"	1,160
a		200	1,786				
b		1,500	18,742				
c		100	798	3			
Hewins	34-10E			1		"Chat"	1,850
Kingston ('26)	18-32-11E	40	511			Arbuckle	2,176
						Mississippian	2,000
Landon-Floyd ('36)	23-32-10E	700	40,880	26		"Peru"	
Leniton	33-10E	2,400	70,209	68		Arbuckle	
Leonard	34-9E		no report			"Peru"	
Lowe	34-10E	20	443	1		Arbuckle	2,280
McAllister ('25)	28-32-10E	80	4,576	2			
McGlasson ('47)	11-33-9E		no report				
Malone	18-32-10E	280	5,623	3		Arbuckle	2,340
Niotaze	34-13E			68	1	"Redd"	690
a		40	26				
b		1,800	23,959				
Ogle ('57)	29-34-11E		no report	539		"Peru"	1,270
Oliver ('35)	32-11E	800	15,064	11		Marmaton	10
						Arbuckle	
Peru-Sedan ('00)	34-11E					"Peru"	1,200
a		820	5,440	1,511		Mississippian	2,000
b		752	11,250				
c		240	338				
d		14,000	533,932				
e		4,500	78,505				
f		320	2,731				
g		800	41,255				
h		800	16,373				
i		40	110				
j		300	562				
k		40	4,954				
l		20	1,652				

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing add., wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, ft.	
Ramsey	33-9E		no report					
Rich ('56)	16-33-9E		no report		1	Mississippian	2,285	30
Wauneta	34-9E	40	482		1	"Peru"	1,670	
						Mississippian	2,100	
Wayside-Havana* ('04)	34-13E				19	"Wayside"	575	
a		40	1,276			"Weiser"	700	
b		500	4,545			"Bartlesville"	1,200	
Wiggam	34-32-10E	80	851		3	"Weiser"	1,600	
Miscellaneous		80	8,597		4+			
Total Chautauqua County		22,052	938,145	48,782,035 recorded	1,954			17
CHEYENNE COUNTY								
Rueb ('58)	13-3-42W		no report	none	1	Lansing	4,537	5
CLARK COUNTY								
Ashland ('51)	35-32-23W	180	8,115	92,114	3	Lans.-K.C. Viola	4,673	42.6
Cavalry Creek ('55)	3-31-21W	40	no runs	5,656	1	Mississippian	6,526	
Harper Ranch ('53)	9-34-21W	2,900	234,177	1,513,771	33	Morrowan	5,195	
Harper Ranch North ('54)	22-33-21W	40	628	995	1	Morrowan	5,437	
McKinney* ('50)	2-34-26W	560	6,488	11,455	14	Mississippian	5,318	
Morrison Northeast ('54)	10-33-21W	80	2,322	5,039**	2	Morrowan	5,762	14
Snake Creek ('52)	21-34-21W	80	744	5,214	2	Morrowan	5,193	
Snake Creek East ('56)	24-34-21W	40	no runs	5,883	1	Morrowan	5,452	
Total Clark County		3,900	252,474	1,640,127**	57		5,480	4

Criffith ('57)	3-9-4E	80	CLAY COUNTY 22,187 32,244	4	Mississippi	1,908	30
COFFEY COUNTY							
Crandall ('53)	6-23-16E	80	795	6	Mississippi	1,022	5
Dunaway* ('22)	23-22-13E	600	13,567	19	"Burgess"	1,850	
Evans*	23-15E		no report		Mississippi	1,878	
Finnerty ('53)	12-21-13E	240	9,386	4	Arbuckle	2,200	10
Hatch		40	639	1	"Peru"	1,382	11
Leroy North	22-16E	20	4,705	12	"Burgess"	1,728	
a		60	615		"Squirrel"	1,825	
b							
Neosho Falls-Leroy* ('05)	35-22-16E	3,200	32,207	128	"Squirrel"	965	
a		80	1,517	2	"Squirrel"		
"Parmely"	29-22-17E	40	466	59	"Bartlesville"	1,585	
Virgil North* ('20)	22-23-13E	1,200	42,984	37	Mississippi	1,838	
Winterscheid*	23-14E	1,100	14,739		"Peru"	1,170	
a		40	2,333		"Bartlesville"	1,630	
b					Mississippi	1,750	
Total Coffey County		7,100	123,953	268			
			2,212,185 recorded	10			
COMANCHE COUNTY							
Mule Creek ('55)	5-31-18W	120	21,585	3	Mississippi	5,066	5
Robbins Ranch ('53)	23-31-16W	80	844	2	Mississippi	4,915	
Total Comanche County		200	22,429	5			

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abd., wells 1958	Name	Producing zone	
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft. Aver. grav.
COWLEY COUNTY								
Albright ('56)	3-34-5E	1,280	123,764	317,173	31	1	Mississippian	3,126 10
Arkansas City Southwest ('54)	35-34-3E		Abandoned during 1958				"Hoover"	1,981 6
Atlanta ('58)	11-30-6E	500	41,575	41,575	12		"Stalnaker"	1,816 4
							Kansas City	2,174 6
							Mississippian	2,869 28
							Arbuckle	3,274
Bernstorf ('58)	33-31-4E	80	5,562	5,562	2		"Bartlesville"	3,043 18
Biddle ('22)	7-32-5E	1,000	218,132		41		Kansas City	2,000 20
							"Layton"	2,300
							"Bartlesville"	2,878 14
Bogner ('52)	24-31-5E		Abandoned during 1958				Mississippian	2,999 54
Box ('48)	28-30-7E	300	18,147	245,421	12		Mississippian	2,840 15
Brandenburg ('55)	3-35-3E	40	2,224	15,338	1		Simpson	3,664 7
Brown ('22)	13-31-7E		Abandoned during 1958				Kansas City	2,100
Bruce ('50)	9-30-4E	200	2,736	48,750	3		Arbuckle	3,306
Burden ('26)	31-31-6E	1,400	41,790		62		"Layton"	
							"Peru"	40
Burden Townsite (revived) ('54)	34-31-6E	40	50	2,948	1		"Bartlesville"	2,900 35
							"Layton"	2,205 10
Cabin Valley ('52)	31-33-6E	600	184,695	1,079,888	38	2	"Layton"	2,188 9
Cambridge ('56)	33-31-7E		Abandoned during 1958				"Layton"	2,041 3
Cameron ('57)	24-34-5E		Abandoned during 1958				Mississippian	3,123 7
Canfield ('52)	13-34-3E	840	22,907	243,380	16		"Layton"	2,651 4
							Lans.-K.C.	2,839
							"Bartlesville"	3,375
Cedarvale ('53)	9-34-8E		no report	2,168			Mississippian	2,365 10

Centennial North (revived) ('53)	1-33-3E	200	22,490	30,751	4	"Bartlesville"	3,256	4
Church ('54)	13-31-6E	40	2,091	16,323	1	Mississippian	2,935	12
Churchill Northeast ('55)	18-31-3E	40	1,785	10,587	1	Kansas City	2,420	
Clark ('14)	6-31-4E	640	144,238		35	"Bartlesville"	2,840	20
Clover	31-7E		Abandoned during 1958			Kansas City	2,200	39
Combs* ('47)	5-30-5E	480	49,886	625,029	17	Mississippian	2,800	
						"Bartlesville"	2,823	20
Copeland ('52)	5-35-4E		no report	988		Mississippian	2,850	
Couch ('37)	13-30-5E	1,200	53,006	2,428,556	56	"Bartlesville"	3,211	13
Countryman ('25)	4-33-7E	760	44,736		19	"Layton"	1,950	15
					2	Mississippian	2,870	12
Crane ('57)	7-33-4E	320	44,929	47,755	9	Mississippian	3,252	10
David ('35)	35-30-4E	2,500	116,426	3,695,717	159	"Bartlesville"	2,900	40
					1	Arbuckle	3,463	
Deichman ('41)	24-31-4E	600	137,969	212,897	24	"Bartlesville"	2,900	35
						Mississippian	3,000	
Denton		40	746	746	1	Mississippian	2,750	
Dexter ('14)	33-6E	20	395		1	Mississippian	2,878	
Doane ('47)	36-33-6E		Abandoned during 1958			Arbuckle	3,140	
						Kansas City	2,610	
Donelson ('55)	21-34-7E	20	833	4,718	1			
			Abandoned during 1958					
Dunbar	30-5E	20	637	8,923	1	Lans.-K.C.		
Dutch Creek ('52)	35-31-4E		Abandoned during 1958			"Bartlesville"	2,924	14
Eastman ('24)	5-31-6E	800	25,904		31	"Bartlesville"	2,890	20
Elrod	4-32-5E	80	5,549		2	"Layton"	2,411	
Enterprise Northeast ('52)	35-33-3E	160	2,695	44,603	3	"Bartlesville"	3,335	12
						Mississippian	3,321	12
Enterprise Southwest ('53)	3-34-3E	20	764	6,788	1	"Bartlesville"	3,360	10
Estep ('58)	21-34-6E	40	875	875	1	"Stalnaker"	1,903	4

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Wells ab- d., 1958	Name	Producing zone	
			during 1958	to end, 1958				Depth, ft.	Thick- ness, ft.
Estes ('54)	12-32-6E	1,200	120,603	481,123	46	2	"Layton"	2,190	13
Falls City ('16)	35-7E		Abandoned during 1958				"Layton"	2,000	112
Falls City Northwest ('56)	11-35-6E		Abandoned during 1958				Mississippian	3,055	16
Falls City West ('55)	13-35-6E		Abandoned during 1958				Mississippian	2,996	
Ferguson Northwest ('50)	16-30-8E	160	2,458	40,998	4	1	Kansas City	2,200	
Ferguson West ('34)	21-30-8E	120	729		3		Kansas City	2,180	
Frog Hollow ('37)	20-32-5E	700	101,679	4,924,523	39		"Bartlesville"	3,000	20
Frog Hollow East ('41)	15-32-5E	700	22,528	360,707	10	1	"Bartlesville"	3,000	8
Geuda Springs	5-34-3E	2,200	119,885	1,573,455	62		Mississippian	3,077	20
							"Cleveland"	2,984	2
							"Bartlesville"	3,300	14
							"Chat"	3,345	25
Gibson ('41)	29-34-3E	1,400	154,625	2,816,001	91		"Bartlesville"	3,350	
							Mississippian	3,400	12
							Simpson	3,774	6
							Arbuckle	3,780	11
Graham ('24)	3-33-3E			3,248,116	44		"Layton"	2,550	15
a		1,280	267,619				"Bartlesville"	3,213	50
b		40	3,177				Mississippian	3,284	16
							Arbuckle	3,518	5
Grand Summit* ('26)	4-31-8E	20	309		1	1	Kansas City	2,000	19
Grouse Creek ('51)	16-30-7E	160	4,694	33,250	4		Mississippian	2,890	
Hackney ('56)	19-33-4E		no report	2,454			Mississippian	3,246	12
Harvey ('52)	23-34-3E			1,203,813	42	2	"Layton"	2,574	18
a		1,200	7,892				"Bartlesville"	3,278	
b		40	75,371						

Henderson ('42)	26-32-3E	40	544	135,665	1	Kansas City Arbuckle	2,690	9
Higby ('57)	31-34-6E	40	1,750	1,750	1	Mississippian	3,419	10
Hittle ('26)	28-31-4E	500	72,031	9,691,369	27	Kansas City Arbuckle	2,400	20
Kanok ('56)	15-35-5E	120	11,779	44,393	3	Mississippian	3,280	4
Kanol: North ('57)	3-35-5E		no report	140		Mississippian	3,172	4
McKay ('51)	17-35-4E	1,200	37,520	495,475	34	"Bartlesville"	3,136	4
Maddix North ('57)	12-33-5E	220	30,645	35,866	5	Mississippian	3,314	13
Mansur ('49)	25-31-6E	240	7,459	109,983	9	"Layton"	3,014	16
Maple ('58)	2-30-3E	40	1,354	1,354	1	"Bartlesville"	2,170	6
Murphy* ('33)	7-35-3E	320	7,250		45	"Bartlesville"	3,067	10
a						"Chat"	3,450	
b		800	55,486				3,500	
Nigger Creek ('51)	22-34-3E	20	1,065	9,749	1	"Bartlesville"	3,281	
Olsen	1-35-7E	120	27,299	48,277	6			
Otto ('27)	25-34-6E	40	598		5	"Chat"	3,017	50
a								
b		80	1,441					
Peck		120	761	761				
Posey ('56)	21-33-4E	120	60,466	104,869	3	"Layton"	2,464	6
					8	"Cleveland"	2,751	10
						"Peru"	2,953	4
						Mississippian	3,164	14
"Priest"	7-33-6E		no report	98				
Pudden	16-35-4E	20	178		1	Lans.-K.C.	2,332	
Quarry ('54)	28-34-5E	40	1,854	28,900	1	"Cleveland"	2,684	18
Rahn ('39)	13-34-5E	1,600	138,544		32	"Bartlesville"	2,900	30
Rahn Northeast ('49)	27-33-6E		no report	71,193		"Bartlesville"	2,902	
Rahn Southwest ('43)	28-34-5E		Abandoned during 1958			"Bartlesville"	3,019	
Rainbow Bend* ('23)	20-33-3E	2,300	324,227	17,314,254	93	"Burgess"	3,200	50

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, ft.	
Rainbow Bend East ('57)	14-33-3E	10	275	2,151	1	Arbuckle	3,550	6
			Abandoned during 1958			"Bartlesville"	3,297	
Rainbow Bend Southwest ('54)	31-33-3E	40	868	7,881	1	Mississippian	3,356	18
Rauckman ('56)	18-34-3E	160	8,284	34,415	4	"Bartlesville"	3,358	6
Rock ('23)	15-30-4E	2,200	414,857	5,344,645	58	"Bartlesville"	2,800	30
Rock North ('37)	3-30-4E	320	30,481	273,896	8	"Bartlesville"	2,800	
Salem ('57)	2-31-5E	40	4,594	7,921	1	Mississippian	3,050	2
School Creek ('47)	15-32-7E		Abandoned during 1958			"Bartlesville"	2,800	
School Creek North ('53)	10-32-7E	900	170,801	1,129,153	44	"Layton"	2,114	6
						"Bartlesville"	2,826	9
Seacat ('44)	26-33-4E	300	28,571	101,816	9	"Layton"	2,385	
						Mississippian	3,100	
Slick-Carson ('24)	19-32-3E	300	17,701	7,730,734	16	"Layton"	2,600	
						"Bartlesville"	3,150	
Smith ('17)	31-3E	160	6,796		3	Arbuckle	3,450	
State ('26)	15-32-4E	120	3,614		13	"Bartlesville"	3,050	12
a		120	11,448		4	"Layton"	2,400	
b		80	313			Arbuckle	3,300	
c		400	4,418	144,007	4	"Bartlesville"	3,100	8
Stayton ('49)	32-32-4E	100	7,744	55,637	5	"Bartlesville"	3,165	23
Stayton South ('53)	5-33-4E	200	2,851		3	Simpson	3,500	5
Thurlow ('27)	8-33-3E	700	21,332		24	"Bartlesville"	2,875	25
Trees ('35)	19-30-4E	40	2,274	297,501	2	"Layton"	2,232	15
Turner ('37)	30-32-6E		Abandoned during 1958			"Layton"		
Turner North ('48)	18-32-6E	20	902	10,303	1	Mississippian	3,054	
Turner West ('52)	25-32-5E							

Udall	30-3E	80	7,008		2	1	Arbuckle	2,850	
Waldschmidt ('57)	8-34-6E	640	33,842	53,521	11		"Stalnaker"	1,821	2
							Mississippian	3,080	12
Waldschmidt South ('57)	17-34-6E		Combined with Waldschmidt						
Walnut Bend	11-34-4E	80	3,501		2				
Walnut Bend North ('56)	36-33-4E	20	30	187	1		Mississippian	3,188	8
Weathered ('35)	28-31-3E	640	38,133	2,943,790	20	1	"Stalnaker"	2,080	15
							Lans.-K.C.	2,480	12
							"Bartlesville"	3,018	6
							Mississippian	3,020	8
							Arbuckle	3,250	5
Werner ('56)	31-32-6E	700	41,905	46,835	13		"Layton"	2,460	13
							Mississippian	3,074	8
Werner Northeast ('57)	31-32-6E		Combined with Werner						
Wilnot-Floral	31-5E	320	36,289		8	1	"Cattleman"	2,880	
							"Bartlesville"	2,910	
Wilson ('38)	9-33-6E		Abandoned during 1958				Mississippian	3,072	
Windsor ('57)	6-32-8E	800	85,599	85,759	14		"Layton"	1,935	10
Windsor Southeast ('58)	7-32-8E	40	129	129	1		"Layton"	1,848	18
Windsor Southwest ('58)	7-32-8E	600	42,936	42,936	13		"Layton"	1,894	10
Winfield ('14)	32-5E	2,000	131,641		86	1	Admire	600	
							"Peacock"	1,400	15
Winfield South ('45)	1-33-4E	240	10,560	96,632	6	1	"Layton"	2,300	20
Miscellaneous		200	20,844		5+	3	"Bartlesville"	3,050	12
							Arbuckle	3,300	5
							"Hoover"	1,400	
Total Cowley County		44,030	4,171,897	96,488,122	1,582	36			
CRAWFORD COUNTY									
Hepler* ('17)	27-22E				9		"Bartlesville"		
a		200	2,634						
b		80	101						

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn. wells 1958	Producing zone	
			during 1958	to end, 1958		Name	Depth, Thick- ness, ft. grav.
"Houston"	3-31-22E	500	1,806		16		
McCune ('29)	30-22E				208	"Bartlesville"	
a		320	5,670				
b		1,800	12,935				
St. Paul-Walnut*	28-21E				28	"Bartlesville"	425
a		400	1,836				
b		120	2,388				
"Steinmel"	35-29-21E						
Walnut Southeast	28-22E		no report		109	"Bartlesville"	400 15
a		1,800	3,082				
b		440	8,718				
c		40	313				
d		10	47				
Total Crawford County		5,710	39,530	853,024 recorded	370	2	
DECATUR COUNTY							
Adell Northwest ('52)	34-5-27W	640	110,376	773,008	13	Lans.-K.C.	3,664 54 39
Feely ('52)	2-5-27W	200	16,797	215,449	7	Lans.-K.C.	3,500 14 39
Hardesty ('52)	22-5-27W	640	52,576	327,788	7	Lans.-K.C.	3,642 15 39
Jennings ('51)	25-4-27W	860	61,593	453,685	18	Wabaunsee	3,156 7 38
Jennings Southeast ('57)	6-5-26W	40	3,499	3,499	1	Lans.-K.C.	3,478 4
Jorn ('55)	29-2-28W	200	12,844	43,104	5	Lans.-K.C.	3,581 4
Monaghan ('52)	15-2-27W	160	6,592	68,730	4	Lans.-K.C.	3,562 8
Pollnow ('53)	4-3-29W	640	57,293	286,843	12	Lans.-K.C.	3,514 55 32
Van Vleet ('56)	9-1-27W	40	394	2,861	1	Lans.-K.C.	3,734 7 37
					1	Lans.-K.C.	3,356 11

Warner ('56)	11-1-27W	640	81,882	213,427	20	Lans.-K.C. "Penn. sand"	3,324 3,483	17
Pools or fields abandoned				507				
Total Decatur County		4,060	403,846	2,388,901	88	2		
DICKINSON COUNTY								
Ash Grove ('54)	5-15-1E	480	22,443	125,881	8	Mississippian	2,569	3
Bonaccord ('43)	30-14-1E	10	1,033	43,479	1	"Burgess"	2,483	2
Bonaccord Northeast ('56)	29-14-1E	30	12,252	13,684	2	"Burgess"	2,502	3
Lost Springs*	16-4E	1,100	45,536		44	"Chat"	2,300	
Lost Springs North ('45)	22-16-4E		no report	103,954		"Chat"	2,300	33
Lost Springs Northeast ('47)	26-16-4E	160	6,886	57,975	9	"Chat"	2,300	
Lost Springs Northwest ('55)	20-16-4E	300	9,174		6	Mississippian	2,267	
Miscellaneous		40	1,763	1,763	1+			
Total Dickinson County		2,120	99,087	1,376,476	71			
DOUGLAS COUNTY								
Baldwin* ('19)	12-15-20E				33	"Squirrel"	800	
a		120	1,757					
b		900	5,902					
Eudora South	13-21E		no report			"Squirrel"	700	
Miscellaneous			576		1			
Total Douglas County		1,020	8,235	104,456 recorded	34			
EDWARDS COUNTY								
Bradbridge ('48)	2-24-16W	120	4,015	118,381	3	Arbuckle	4,020	
Edstaff ('55)	12-25-16W	120	952	1,226	3	Penn. cong.	4,230	
Embry ('53)	23-24-16W	200	4,475	24,130	6	Lans.-K.C. "Kinderhook"	3,789 4,292	4 38

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abds. wells 1958	Producing zone			Aver. grav.
			during 1958	to end, 1958		Name	Depth, Thick- ness, ft.		
Enlow ('53)	9-24-16W	240	17,297	213,240	7	Lans.-K.C.	3,736	7	29.5
J H M ('58)	33-25-16W	40	612	612	1	Penn.-Miss.	4,415	20	
Kirk ('55)	26-26-16W	40	3,435	12,545	1	"Kinderhook"	4,481	20	
McClanahan ('58)	2-26-18W	40	1,007	1,007	1	Penn. congl.	4,612	4	
Massey ('57)	3-24-17W	40	1,858	3,067	1	Mississippian	4,289	3	
Sturgeon ('54)	33-26-18W	80	5,707	32,961	2	Lans.-K.C.	4,223		38
						Viola	4,721	5	38
Trousdale ('56)	21-26-16W	80	16,097	45,326	3	Cherokee	4,486	4	
			11,847		1	Mississippian	4,492	5	
Trousdale North ('58)	8-26-16W	40	3,590	3,590	1	Mississippian	4,458	10	
Wayne ('56)	28-24-17W	40	2,060	6,917	1	Mississippian	4,368	16	
Wil* ('57)	26-25-16W	800	161,828	167,972	25	"Kinderhook"	4,324		
Wil Northeast ('58)	23-25-16W		Combined with Wil						
Wil South ('58)	2-26-16W	80	3,032	3,032	2	Mississippian	4,401	22	
Pools or fields abandoned				105,694					
Total Edwards County		1,960	237,812	739,700	58				
ELK COUNTY									
Adams ('56)	29-29-13E		no report			"Burgess"	1,680	3	
Arbuckle	31-9E	280	14,818		7	"Burgess"	2,250	10	
Bush-Denton ('20)	4-30-9E	200	2,198		34	"Stalnaker"	1,060	5	
a		640	22,110			"Peru"	2,135		
b		40	1,428		1	"Burgess"	2,300		
Clubine	30-10E				10	Kansas City	1,286	10	
Collyer ('24)	30-30-11E	180	6,506			Fort Scott	1,518		

Dory	18-30-9E	160	537	4	Mississippi	2,570	10
Dunkelberger ('20)	34-20-10E	600	41,940	34	Kansas City	1,300	
Elk City*	31-13E	240	903	5	Mississippi	1,970	
Ferguson East	23-30-8E		no report		"Burgess"	1,360	
Fleming ('50)	8-29-9E		no report		Arbuckle	2,900	
Grand Summit*	3-31-8E	240	11,963	12	Arbuckle	2,656	
Hale-Inge* ('07)	31-12E			49	Kansas City	2,000	
a		80	1,244	2	"Peru"	1,160	
b		600	3,714				
c		100	1,651				
Key	31-10E	40	3,570	2	Arbuckle	2,270	
Kipfer	29-13E	80	1,766	4	"New Albany"		
Liscoe	31-10E	20	4,022	1			
Logsdon	31-9E	30	4,391	3	"Burgess"	2,272	
Longton	31-12E		Abandoned during 1958				
a		640	8,064	27	Mississippi		12
b		40	1,920				
Longton North	29-12E	80	1,238	5			
Love	30-9E	120	969	3	Mississippi	2,370	
Moline	16-31-10E		no report				
New Albany	29-13E	10	79	1	"Wayside"	560	20
Perkins	1-30-9E		no report				
Porter	29-8E	280	34,753	11	Kansas City	2,050	10
Rettig	31-10E	40	12,568	2	Arbuckle	3,000	4
Roby ('56)	20-28-9E	140	21,201	4	Lans.-K.C.	1,550	3
Schrader ('28)	12-31-8E	440	25,391	11	Arbuckle	2,873	22
Severy* ('22)	8-28-11E	10	200	1	Kansas City	1,520	13
Starr ('37)	12-31-9E	80	677	3	Kansas City	1,200	
					Mississippi	2,330	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, ft.	
Walker ('27)	5-31-10E	40	1,015		5	Kansas City	1,550	
a						Mississippian	2,225	
b		120	3,840					
Ware ('55)	5-31-9E	40	1,535		1	Kansas City	1,671	
Webb ('25)	23-31-10E	640	26,311		49	Kansas City	1,300	
						Fort Scott	1,650	
						Mississippian	1,975	
						Arbuckle	2,300	
Youngmeyer ('41)	25-28-8E	30	2,087	2,087	3	Arbuckle		
Miscellaneous		40	Abandoned during 1958		2+			
			4,082					
Total Elk County		6,320	268,697	15,505,296	294			
				recorded	5			
ELLIS COUNTY								
Air Base ('57)	27-13-16W	300	33,791	36,038	6	"Gorham"	3,453	4
Air-Braun ('58)	27-13-16W	40	2,042	2,042	1	Lans.-K.C.	3,502	2
Antonino ('47)	27-14-19W	160	6,145	143,073	4	Arbuckle	3,712	5
						Reagan	3,726	34
Antonino Townsite ('49)	2-15-19W		Abandoned during 1958			Arbuckle	3,697	
Beeching ('43)	34-15-16W	500	10,483	289,832	6	Lans.-K.C.	3,156	4
Bemis-Shutts* ('35)	16-11-17W	33,000	4,937,899	164,291,329	1,092	Shawnee	2,967	35
					32	Lans.-K.C.	3,408	11
						Penn. congl.	3,416	
						Simpson	3,603	10
						Arbuckle	3,380	36
Bielman ('52)	24-15-18W	140	20,075	91,809	3	Arbuckle	3,496	4
								32.1

Blue Hill ('37)	14-12-16W	1,350	114,803	2,678,618	37	Topeka Lans.-K.C. "Gorham"	3,030 3,072 3,348	5 33
Blue Hill Northwest ('58)	3-12-16W	320	2,763	2,763	8	Arbuckle	3,360	6
Boos ('56)	20-15-17W	80	4,860	25,316	2	Arbuckle	3,300	6
Braun ('53)	34-13-16W	120	9,022	72,605	3	Penn. congl.	3,532	5
Brungardt* ('52)	35-10-17W	200	See Rooks Co.	86,638	7	Lans.-K.C.	3,459	7
Catharine ('36)	3-13-17W	600	86,809	1,348,135	15	Lans.-K.C.	3,194	48
Catharine Northwest ('44)	4-13-17W	420	81,302	833,288	11	Arbuckle	3,262	24
Catharine South ('46)	15-13-17W	1,500	358,121	2,621,366	58	Lans.-K.C.	3,516	13
Catharine Townsite ('49)	9-13-17W	120	26,586	108,620	6	Lansing	3,590	21
Chris ('58)	34-11-16W	80	2,970	2,970	2	Arbuckle	3,292	12
Chrisler ('49)	22-11-16W	40	3,275	47,516	1	Penn. congl.	3,538	6
Chrisler South ('58)	27-11-16W	80	8,705	8,705	2	Arbuckle	3,555	8
Cochran ('53)	8-11-18W	120	13,339	76,236	3	Lansing	3,418	13
Cromb ('45)	15-11-20W	300	36,947	112,099	5	Arbuckle	3,585	18
Dechant ('56)	7-15-18W	80	11,947	19,591	2	Lans.-K.C.	3,042	3
Degenhart ('53)	15-15-17W	360	12,089	158,414	4	Lans.-K.C.	3,395	3
Degenhart Southeast ('57)	23-15-17W	160	9,587	26,602	2	Shawnee	3,038	4
			8,753		2	Lans.-K.C.	3,100	35
						Lans.-K.C.	3,158	3
						Lans.-K.C.	3,328	10
						Arbuckle	3,565	3
						Lans.-K.C.	3,446	8
						Lansing	3,468	6
						Arbuckle	3,627	6
						Lans.-K.C.	3,417	8
						Arbuckle	3,521	10
						Lans.-K.C.	3,445	5
						Arbuckle	3,520	5

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abdl., wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, Thick- ness, ft.	
Dinges ('54)	9-15-18W	80	17,870	46,092	2	Arbuckle	3,624	12
Dreiling ('49)	21-14-16W	760	75,968	924,968	30	Lans.-K.C.	3,120	16
						Arbuckle	3,367	
Dreiling Southeast ('53)	27-14-16W	540	48,163	343,669	14	Lans.-K.C.	3,072	6
						Arbuckle	3,327	
Eagle Creek ('54)	11-11-20W	600	99,640	406,771	12	Lans.-K.C.	3,368	12
Eagle Creek East ('58)	2-11-20W	40	2,321	2,321	1	Lansing	3,348	5
Ellis* ('42)	31-12-20W	1,800	103,392	1,441,742	26	Arb.-Reagan	3,832	8
Emmeram ('37)	4-13-16W	160	13,489	338,753	5	Lans.-K.C.	3,262	7
Emmeram Northeast ('49)	27-12-16W	1,120	92,740	977,164	28	Lans.-K.C.	3,272	
						Arbuckle	3,541	3
Emmeram Townsite ('52)	6-13-16W	80	515	35,410	2	Lans.-K.C.	3,291	32
Engel ('56)	34-14-18W	120	20,315	97,325	3	Arbuckle	3,520	10
			8,211		1	Lans.-K.C.	3,350	6
			10,017		1	"Penn. sand"	3,621	5
Engel West ('56)	33-14-18W	40	no runs	1,980	1	Arbuckle	3,612	4
Erbert ('53)	20-12-20W	40	2,899	27,207	1	Lans.-K.C.	3,368	4
						Lans.-K.C.	3,527	34
Erbert Southeast ('54)	28-12-20W		Abandoned during 1958			Arbuckle	3,906	
Fairport* ('23)	8-12-15W	1,800	137,884	3,963,383	45	Penn. congl.	3,857	
						Lans.-K.C.	2,950	12
						"Gorham"	3,211	32
						Arbuckle	3,312	5
Fort Hays State College ('50)	1-14-19W	180	26,803	37,477	3	Reagan	3,350	
						Lans.-K.C.	3,458	19
Gasaway (revived) ('58)	2-11-19W	40	887	1,328	1	Arbuckle	3,806	28
						Topeka	3,079	8

Günther ('52)	17-11-19W	80	6,890	70,534	2	Lans.-K.C. Arbuckle	3,439	9
Gootschalk ('57)	36-15-18W	80	2,336	2,955	2	Lans.-K.C.	3,554	4
Herbert ('58)	18-13-20W	80	1,919	1,919	2	Arbuckle	3,251	7
Herl ('51)	28-14-17W	240	9,763	163,207	5	1 Lans.-K.C. Penn. congl. Arbuckle	3,907	19
							3,382	28
							3,453	8
							3,476	
Hertel Southwest ('52)	17-14-16W	40	620	16,501	1	Lans.-K.C.	3,215	4
Herzog ('40)	30-13-16W	1,260	59,486	1,791,921	8	Lans.-K.C.	3,232	
			59,407		12	Arbuckle	3,450	8
Heyl ('56)	20-14-17W	80	1,923	15,346	2	Arbuckle	3,513	7
Holy Cross ('53)	26-12-18W	120	3,578	77,721	3	Lans.-K.C.	3,423	4
Huser ('57)	12-15-19W		Abandoned during 1958		1	Arbuckle	3,643	4
Irvin ('46)	6-14-19W	3,200	2,061	2,919,100	3	Lans.-K.C.	3,553	
			615,500		78	Arbuckle	3,860	
Irvin East ('55)	4-14-19W	80	2,440	20,909	2	Lans.-K.C.	3,628	18
						Arbuckle	3,835	30
Jacob ('51)	6-11-19W	40	1,325	16,946	1	Lans.-K.C.	3,542	4
Kraus ('36)	22-14-19W	2,200	128,740	449,581	32	Lans.-K.C.	3,660	5
					4	Marmaton	3,834	4
						"Sooy"	3,735	5
Krueger* ('48)	35-10-16W	640	53,331	1,225,409	19	Arbuckle	3,732	
						Toronto	3,235	25
Leiker ('43)	14-15-18W	1,000	57,948	811,844	8	Lans.-K.C.	3,552	
						Lans.-K.C.	3,292	
						Penn. congl.	3,582	5
Leiker East ('53)	12-15-18W	1,320	172,463		20	Arbuckle	3,591	8
			238,189	1,638,783	26	Lans.-K.C.	3,321	
			302,757		33	Arbuckle	3,576	13
Leiker North ('56)	2-15-18W	200	43,522	80,363	5	Arbuckle	3,601	5
Leiker Southeast ('54)	14-15-18W	320	9,256	181,278	1	Lans.-K.C.	3,292	19
			28,705		7	Arbuckle	3,547	4
								36

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abdl. wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, ft.	
Lieb ('56)	17-11-16W	360	48,664	117,479	9	Arbuckle	3,356	7
Lieb East ('57)	16-11-16W	40	7,539	7,946	1	Arbuckle	3,346	
Lookout Hollow ('50)	31-14-18W		Abandoned during 1958			Lans.-K.C.		
						Arbuckle	3,629	
Mendota ('51)	5-11-20W	120	8,432	94,375	3	Lans.-K.C.	3,530	10
						Arbuckle	3,668	
Neddam ('57)	16-11-18W	80	9,168	12,722	2	Lans.-K.C.	3,162	8
Nellie Belle ('55)	15-13-17W	80	22,580	48,376	3	Arbuckle	3,521	1
Nicholson* ('45)	30-11-20W	1,160	122,462	1,003,389	23	Arbuckle	3,842	12
Nicholson North ('52)	19-11-20W	80	3,505	26,659	2	Lans.-K.C.	3,610	4
North ('56)	20-15-20W	160	19,872	32,556	4	Lans.-K.C.	3,562	8
						Penn. congl.	3,862	5
Penny-Wann ('36)	13-15-20W	80	6,814	211,215	2	"Sooy"	3,653	3
Pleasant ('44)	2-14-20W	1,800	5,062	2,526,940	1	Shawnee		
			18,742		6	Lans.-K.C.	3,569	
			4,423		1	Marnaton	3,805	
			4,061		2	Penn. congl.		
			217,297		33	Arb.-Reagan	3,833	
Polifka ('48)	7-13-17W	400	51,178	288,563	10	Arbuckle	3,640	33
Potter ('56)	20-11-16W	320	9,835	120,054	1	Pleasanton		
			78,612		8	Arbuckle	3,309	7
Raynesford ('52)	17-13-20W	120	14,329	62,215	3	Lans.-K.C.	3,535	5
					1	Penn. congl.	3,870	30
Raynesford East ('52)	16-13-20W	320	41,749	175,732	5	Arbuckle	3,861	9
Reed ('49)	5-13-17W	40	3,968	37,089	1	Lans.-K.C.	3,424	12
						Arbuckle	3,596	
Reichert ('53)	9-15-19W		Abandoned during 1958			Lans.-K.C.	3,423	7
								31

Richards ('56)	5-11-18W	40	13,781	128,713	1	Toronto	3,295	2
Riverview ('43)	19-11-18W	1,020	89,026	2,364,712	22	Lans.-K.C.	3,466	
Riverview South ('56)	32-11-18W	120	21,390	39,002	3	Arbuckle	3,810	18
Rohr ('57)	19-14-18W	40	279	422	1	Lans.-K.C.	3,387	5
Ruder ('35)	17-15-18W	640	34,103	1,403,398	9	Arbuckle	3,582	4
					1	Lans.-K.C.	3,422	
Ruder North ('57)	4-15-18W	120	11,351	25,236	3	Arbuckle	3,572	10
Schmeidler ('44)	28-12-17W	1,280	69,688	944,618	19	Arbuckle	3,619	9
					1	Lans.-K.C.	3,389	6
Schmeidler Northwest ('53)	20-12-17W	200	2,709	102,686	2	Arbuckle	3,625	10
			19,363		3	Lans.-K.C.	3,540	
Schoenchen ('46)	21-15-18W	1,000	79,211	1,307,392	20	Arbuckle	3,696	6
Schoenchen Townsite ('56)	28-15-18W	40	5,388	30,708	1	Arbuckle	3,569	9
Scurlock ('57)	20-15-16W	40	2,096	6,294	1	Lans.-K.C.	3,255	4
Sessin ('52)	15-11-19W	900	165,452	968,354	1	Penn. congl.	3,431	5
					23	Shawnee	2,969	
					1	Lans.-K.C.	3,291	7
Solomon ('36)	28-11-19W	3,500	366,020	4,152,940	96	Arbuckle	3,499	3
					3	Wabaunsee	3,013	4
						Topeka	2,990	19.5
						Lans.-K.C.	3,229	
Solomon South ('57)	33-11-19W	80	19,812	34,240	2	Arbuckle	3,629	3
Solomon Southeast ('57)	35-11-19W	200	44,885	55,224	5	Arbuckle	3,652	3
Stadelman ('57)	3-14-19W	40	567	3,270	1	Arbuckle	3,682	4
Stockrange ('57)	21-15-20W	40	10,249	11,326	1	Lans.-K.C.	3,721	10
Sugarloaf ('41)	17-13-17W	700	70,233	862,901	11	Penn. congl.	3,864	6
						Lans.-K.C.	3,391	30
						Arbuckle	3,645	9
Sugarloaf Southeast ('41)	28-13-17W	2,200	108,642	2,365,937	18	Lans.-K.C.	3,312	8
			352,443		42	Arbuckle	3,520	
Sunnydale ('52)	1-14-20W	40	1,502	5,570	1	Arbuckle	3,850	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone		Aver. grav.
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.	
Sweet William ('50)	10-12-20W	40	1,550	22,214	1	Lans.-K.C.	3,700		35.5
Sweet William Northwest ('56)	4-12-20W	80	3,121	11,863	2	Arbuckle	3,908	8	
					1	Lans.-K.C.	3,739	8	
Toulon ('35)	3-14-17W	1,100	189,587	1,060,127	29	Marmaton	3,910	5	
						Lans.-K.C.	3,298	45	
						Arbuckle	3,512	10	
Toullon South ('58)	14-14-17W	160	9,077	23,037	4	Lans.-K.C.	3,302	10	
			13,980		3	Arbuckle	3,523	4	
Toulon Southeast ('58)	11-14-17W	40	43	43	1	Lansing	3,348	4	
Toulon Southwest ('55)	16-14-17W	200	12,126	50,660	5	Arbuckle	3,504	4	
Trico* ('51)	30-10-20W	300	58,993	111,974	7	Arbuckle	3,610	10	
Turkville ('53)	11-11-17W	160	8,976	84,694	4	Lans.-K.C.	3,165	24	24
						Arbuckle	3,359		
Ubert ('36)	12-13-18W	40	7,370	335,832	1	Lans.-K.C.			
					1	Arbuckle	3,707		
Ubert North ('51)	31-12-17W	320	45,695	297,319	8	Arbuckle	3,600	31	
Ubert Northwest ('52)	1-13-18W	540	141,884	802,113	18	Lans.-K.C.	3,339	33	
						Arbuckle	3,592		
Victoria North ('53)	6-14-16W	80	2,218	18,111	2	Arbuckle	3,471	35	
Wagner ('56)	36-14-16W	40	2,937	11,815	1	Arbuckle	3,420	7	
Warren ('49)	12-11-20W	40	3,779	59,904	1	Lans.-K.C.	3,458		
Werth ('58)	2-13-20W	40	7,219	7,219	1	Arbuckle	3,833	6	
Wheatland ('49)	18-15-17W	500	45,029	393,431	12	Lans.-K.C.	3,307	14	
						Arbuckle	3,571		
Wheatland Northwest ('53)	12-15-18W	160	13,006	50,189	5	Arbuckle	3,566	6	37
Wheatland Southeast ('55)	28-15-17W	120	9,231	74,344	2	Lans.-K.C.	3,335	14	
			12,900		2	Penn. congl.	3,526		
			683		1	Arbuckle	3,516	5	32

Wheatland Southwest ('53)	19-15-17W	540	8,406	719,538	1	1	Lans.-K.C. Arbuckle	3,252	32
Windholz ('57)	32-12-16W	40	139,547		18		Arbuckle	3,554	9
Younger ('44)	6-14-17W	580	47,032	541,224	14	1	Lans.-K.C. Lans.-K.C. Arbuckle	3,348 3,331 3,574	5 8 18
Younger South ('54)	8-14-17W	80	9,213	48,200	2		Arbuckle	3,546	7
Pools or fields abandoned				156,553					37
Total Ellis County		81,050	11,314,968	215,675,431	2,297	66			
ELLSWORTH COUNTY									
Andrews ('52)	4-17-8W	200	9,817	135,939	5		Arbuckle	3,302	3
Bloomer* ('36)	36-17-11W	2,600	270,229	15,073,086	86	2	Lans.-K.C. Arbuckle	3,044 3,257	43 8
Geneseo-Edwards* ('34)	25-18-8W	3,680	552,684	19,591,202	142	3	Simpson Arbuckle	3,157 3,278	39 41
Green Garden ('54)	1-17-9W	80	5,193	29,781	2		Lans.-K.C.	3,046	4
Heiken ('30)	25-17-10W	640	62,880	635,910	18		Lans.-K.C. Penn. cong. Arbuckle	2,974 3,226 3,269	
Heiken North ('42)	24-17-10W	120	7,842	216,220	3	1	Arbuckle	3,212	2
Kraft-Prusa* ('37)	10-17-11W	840	41,311	1,259,378	13	1	Shawnee Lans.-K.C. "Gorham" Arbuckle	2,885 3,160 3,335 3,281	
Lorraine ('34)	13-17-9W	1,800	54,187	11,011,451	30	4	Reagan Lans.-K.C. Arbuckle	3,310 3,060 3,200	5 34 120
Lorraine North ('53)	12-17-9W	160	20,821	126,165	4		Lans.-K.C.	3,066	5
Maes ('52)	26-17-8W	600	84,906	1,177,389	19		Arbuckle	3,341	16
Progress ('55)	10-16-10W	400	55,594	265,909**	8	5	Arbuckle	3,402	8
Progress Northwest ('55)	4-16-10W	400	154,841	497,043	20	11	Arbuckle	3,303	8

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone		Aver. grav.
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.	
Stoltenberg ('31)	22-16-10W	11,000	705,324	41,187,212**	278	22	Lans.-K.C.	3,260	42
			54,515		7		Simpson	3,379	2
West ('51)	20-17-10W	80	31,942		2		Arbuckle	3,333	14
Wilkins Southeast ('42)	32-17-9W	320	3,492	43,343	2		Arbuckle	3,287	
Pools or fields abandoned			4,920	489,081	6		Arbuckle	3,220	9
				35,597					
Total Ellsworth County		22,920	2,120,498	91,774,706**	645	49			
FINNEY COUNTY									
Beyer ('52)	24-26-33W	40	no runs	23,340	1		Lans.-K.C.	4,398	8
Damme ('51)	21-22-33W	900	119,613	671,661	16		Marmaton	4,417	5
							Morrowan	4,700	
							Mississippian	4,626	10
Damme Northeast ('53)	16-22-33W	40	8,027	45,970	1		Mississippian	4,639	10
Finnup ('53)	34-22-33W	320	68,978	403,988	8		Mississippian	4,756	6
Finnup East ('53)	25-22-33W	40	940	10,972	1		Marmaton	4,442	16
Nunn ('38)	27-21-34W	1,340	88,711	2,449,527	28		Kansas City		31
							Marmaton		
							"Cherokee"	4,550	
							Mississippian	4,654	10
							Marmaton	4,382	12
Nunn North ('57)	22-21-34W		Included with Nunn						
Pleasant Prairie Northwest ('56)	30-26-34W	1,000	119,773	127,872	13		Mississippian	5,125	23
Sequoyah ('56)	17-23-34W	160	20,866	47,440	4		Morrowan	4,694	10
Sonderegger ('52)	21-22-31W	40	no runs	6,543	1		Mississippian	4,737	29

Stewart ('52)	6-23-30W	40	2,828	25,007	1	Mississippian	4,710	28
Total Finney County		<u>3,920</u>	<u>429,736</u>	<u>3,812,320</u>	<u>74</u>			
FORD COUNTY								
Konda ('56)	11-27-22W	40	279	6,010	1	Mississippian	5,010	32
Pleasant Valley ('50)	34-27-21W	120	310	18,217	3	Mississippian	4,954	145
Total Ford County		<u>160</u>	<u>589</u>	<u>24,227</u>	<u>4</u>			
FRANKLIN COUNTY								
Baldwin* ('19')	15-20E	40	705		2	"Squirrel"	800	
LeLoup	15-20E				6	"Squirrel"	750	
a		40	162					
b		80	917					
Norwood	15-20E	20	183		2			
Ottawa	17-19E	20	120		2			
Paola-Rantoul* ('60)	17-21E				714	"Knobtown"	300	
a		120	934			Hepler	400	
b		6,000	166,317			"Prue"	500	
c		600	14,827			"Squirrel"	600	
d		2,400	54,418			"Bartlesville"	700	
e		40	275					
f		100	1,680					
g		1,500	36,379					
h		80	276					
i		40	138					
j		80	997					
Miscellaneous		20	2,918		2+			
Total Franklin County		<u>11,180</u>	<u>281,246</u>	<u>10,830,105</u>	<u>728</u>			<u>9</u>
				recorded				

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn., wells 1958	Producing zone			Aver. ft. grav.
			during 1958	to end, 1958		Name	Depth, Thick- ness, ft.		
GOVE COUNTY									
Beougher ('52)	8-13-30W			Abandoned during 1958		Lans.-K.C.	4,079		
Coberly ('51)	15-14-29W	80	3,907	70,535	2	Lans.-K.C.	4,122	10	35.5
						Marmaton	4,287	9	35
Gove ('51)	26-13-30W	120	3,909	31,673	3	Lans.-K.C.	4,122	3	30
						Mississippian	4,547		
Jasper ('51)	30-15-29W			Abandoned during 1958		Lans.-K.C.	3,670		
Lundgren ('52)	30-14-29W			Abandoned during 1958		Mississippian	4,306	10	
Lundgren South ('52)	31-14-29W	80	11,086	92,704	2	Mississippian	4,277	6	40
Pyramids ('52)	9-15-31W			Abandoned during 1958		Marmaton	4,280		
Pools or fields abandoned				10,534					
Total Gove County		280	18,902	205,446	7				
GRAHAM COUNTY									
Alda ('44)	15-7-22W	40	4,134	83,271	1	Lans.-K.C.	3,518	3	37
Allodium ('55)	19-6-25W	80	6,634	40,111	2	Lans.-K.C.	3,740	5	
Blazier ('55)	21-7-25W	480	75,140	279,261	12	Lans.-K.C.	3,785	8	
Blazier Northwest ('57)	20-7-25W	80	9,757	14,846	2	Lans.-K.C.	3,844	6	
Brassfield ('56)	2-10-22W	640	79,280	152,902	14	Lans.-K.C.	3,688	45	
Brassfield South ('58)	2-10-22W	40	756	756	1	Lans.-K.C.	3,764	5	
Brush Creek ('55)	4-9-23W	720	164,398	302,696	19	Lans.-K.C.	3,768	4	40
Brush Creek Northwest ('57)	32-8-23W	160	29,176	35,725	4	Lans.-K.C.	3,818	3	
Brush Creek Southwest ('57)	8-9-23W		Abandoned during 1958		1	Lans.-K.C.	3,841	4	
Conness ('58)	23-10-23W	160	16,838	17,701	5	Lans.-K.C.	3,712	4	
			Abandoned and revived during 1958						
Cooper* ('43)	5-10-20W	9,840	1,172,873	10,136,611	203	Lans.-K.C.	3,619	6	
					2	Arbuckle	3,778	2	

Diebolt* ('53)	33-10-23W	1,460	400,998	2,413,989	84	Lans.-K.C.	3,779	6	35
Dorman ('52)	30-10-23W		no report	20,082		1 Lans.-K.C.	3,921	7	32
Dorman West ('55)	25-10-24W		no report	7,917		1 Lans.-K.C.	3,954	6	
Elrick ('55)	15-10-25W	1,680	235,211	278,663	39	Toronto	3,770	8	
						Lans.-K.C.	3,931	5	
						Cherokee	4,212	10	
Elrick Northeast ('57)	10-10-25W								
Elrick Northwest ('57)	9-10-25W		Combined with Elrick	Combined with Elrick					
Emor ('57)	34-9-25W	200	23,618	23,823	8	Lansing	4,016	12	
Evergreen ('56)	22-9-23W	40	1,628	9,475	1	Lans.-K.C.	3,711	2	
Evergreen Northwest ('57)	17-9-23W	640	122,099	179,414	16	1 Lans.-K.C.	3,826	4	
Fabricius ('58)	25-7-23W	500	31,659	31,659	13	Lansing	3,637	3	
Fabricius South ('58)	36-7-23W	80	2,304	2,304	2	Lansing	3,669	3	
Fargo West ('51)	34-9-22W		no report	4,540		Lans.-K.C.	3,755		
Faul ('58)	22-10-22W	120	13,824	13,824	4	1 Lansing	3,760	4	
Faulkner ('45)	27-10-22W	80	6,052	228,430	2	Lans.-K.C.	3,629	2	37
						Marmaton	3,844		
Gettysburg ('41)	7-8-23W	80	3,700	81,593	2	Lans.-K.C.	3,725	30	
Glen Dale Southeast ('58)	24-9-24W	40	837	837	1	Lansing	3,932	3	
Glen Dale Southwest ('57)	28-9-24W	80	19,616	25,406	3	Lans.-K.C.	4,026	8	
Gurk ('58)	18-10-25W	80	10,667	10,667	2	Lansing	3,824		
Harmony ('51)	32-7-22W	400	16,191	250,842	7	Lans.-K.C.	3,597		37
						Arbuckle	3,776		
Harmony South ('58)	7-8-22W	40	4,591	4,591	1	Lansing	3,578	8	
Harrold ('57)	29-9-21W	40	9,242	13,716	1	Arbuckle	3,885	5	
Hatcher ('56)	6-9-21W	80	6,768	25,413	2	Arbuckle	3,722	8	
Higer ('57)	20-8-23W	200	32,883	55,251	5	Lans.-K.C.	3,710	4	
Higer Northeast ('57)	17-8-23W	500	63,878	73,250	11	2 Lans.-K.C.	3,644	5	
Highland ('51)	20-8-22W	40	1,684	17,473	1	Lans.-K.C.	3,616		37
Highland Southwest ('58)	29-8-22W	40	7,973	7,973	1	Lansing	3,584	3	
Hill City ('58)	24-8-23W	40	4,315	4,315	1	Lansing	3,601	3	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Wells abd., 1958	Name	Producing zone		Aver. grav.
			during 1958	to end, 1958				Depth, ft.	Thick- ness, ft.	
Holley ('54)	3-9-24W	4,200	510,899	2,118,023**	112	2	Lans.-K.C.	3,900	6	47
Holley North ('55)	29-8-24W	200	60,083	168,824	7		Lans.-K.C.	3,897	9	
Holley Northwest ('57)	25-8-25W	80	12,635	15,219**	2		Lans.-K.C.	3,831	5	
Holley Southeast ('57)	10-9-24W	200	55,629	80,956	7		Lans.-K.C.	3,960	5	
Hoof ('54)	9-10-23W	640	228,111	900,331	28		Lans.-K.C.	3,865	4	32
Hoof Northwest ('57)	6-10-23W	160	31,921	35,806	4		Lans.-K.C.	3,934	11	
Hoof West ('55)	8-10-23W	200	32,019	86,011	5		Lans.-K.C.	3,903	5	
Huntington ('55)	7-7-25W	200	38,809	111,722	5		Lans.-K.C.	3,832	8	40.4
Hutton ('58)	1-8-24W	40	6,195	6,195	1		Lans.-K.C.	3,764	3	
Ironclad ('50)	23-9-22W	840	77,081	606,403	15		Lans.-K.C.	3,756	6	37
Kenyon ('57)	5-8-21W	80	3,361	4,207	2		Lans.-K.C.	3,360	5	
Knoll ('57)	4-9-25W	no report	none	none		1	Lans.-K.C.	3,875	4	
Knoll Northwest ('58)	5-9-25W	80	478	478	2		Lansing	3,981	5	
Kobler ('58)	27-8-24W	160	9,231	9,231	4		Lans.-K.C.	3,841	15	
Lacerte ('56)	32-10-22W	40	4,709	20,671	1		Lans.-K.C.	3,602	4	
Law ('51)	34-9-23W	900	86,431	954,991	13		Lans.-K.C.	3,922	10	38
			4,883		2		Penn. congl.	4,126		
Law Northwest ('57)	28-9-23W	320	101,741	124,074	12		Lans.-K.C.	3,826	6	
Law Southeast ('55)	12-10-23W	400	44,598	260,926	9		Lans.-K.C.	3,869		29.6
			8,162		3		Penn. congl.	4,088	11	
McVey ('58)	7-10-22W	40	3,981	3,981	1		Lans.-K.C.	3,853	2	
Mickleleson ('52)	27-8-22W	120	10,679	86,204	3		Lans.-K.C.	3,502		34
							Arbuckle	3,759	16	
Mildrexter ('55)	12-9-23W	no report	no report	5,683			Lans.-K.C.	3,814	2	
Mildrexter Southeast ('58)	12-9-23W	no report	no report	none		1	Lansing	3,854	4	
Mildrexter Southwest ('57)	11-9-23W	160	43,316	51,987	7		Lansing	3,776	17	
Mitchell ('58)	20-9-24W	40	1,026	1,026	1		Lansing	4,053	3	

Montgomery (revived) ('58)	8-8-23W	100	11,134	11,450	3	Lans.-K.C.	3,511	33
Montgomery East ('58)	4-8-23W	40	2,246	2,246	1	Lans.-K.C.	3,706	4
Morel ('38)	15-9-21W	8,640	8,570	24,686,940	3	Lans.-K.C.	3,676	3
						"Sooy"	3,712	26.5
			1,467,965		213	Arbuckle	3,718	12
Morel North ('55)	3-9-21W	40	2,215	11,516	1	Penn. congl.	3,667	5
Mount Vernon ('58)	6-7-22W	120	3,474	3,474	3	Lansing	3,759	5
Nana ('53)	4-8-24W	640	124,178	806,485	24	Lans.-K.C.	3,738	8
Nana Northwest ('58)	33-7-24W	160	4,860	4,860	4	Lansing	3,873	4
Penokee ('40)	11-8-24W	130	9,958	284,628	4	Lans.-K.C.	3,750	16
Prairie Glen ('54)	25-10-23W	120	7,399	51,038	3	Lans.-K.C.	3,596	4
Prairie Glen Southeast ('55)	31-10-22W	120	10,294	65,114	4	Lans.-K.C.	3,594	8
Prairie Glen Southwest ('58)	35-10-23W	40	2,383	2,383	1	Lansing	3,734	5.5
Ray* ('49)	32-5-20W		no report	1,240		Lans.-K.C.	3,297	
						Arbuckle	3,575	
Red Line ('55)	32-9-22W	400	32,408	130,486	7	Reagan	3,540	32
Red Line North ('55)	20-9-22W	40	4,117	18,876	1	Lans.-K.C.	3,776	3
Sand Creek ('54)	27-8-21W		no report	10,647		Lans.-K.C.	3,676	4
					2	Lans.-K.C.	3,387	6
Schmied ('52)	21-8-25W	1,280	238,291	1,184,558	27	Arbuckle	3,578	4
Schmied Northeast ('54)	10-8-25W	160	8,928	67,484	4	Lans.-K.C.	3,740	30
Schmied Northwest ('57)	5-8-25W	240	25,469	39,278	6	Lans.-K.C.	3,867	25
Schmied South ('57)	28-8-25W		no report	none		Lans.-K.C.	3,952	46.5
Schneble ('52)	8-8-22W	80	2,427	62,215	2	Lansing	3,931	5
Shiloh ('51)	1-9-25W	40	11,486	70,907	1	Lans.-K.C.	3,507	5
Swank ('58)	4-9-22W	40	1,247	5,083	1	Lans.-K.C.	4,013	42
			3,836		1	Arbuckle	3,611	4
Trico* ('51)	30-10-20W	1,800	437,465	1,785,224	54	Lans.-K.C.	3,903	10
					2	Arbuckle	3,651	7
Van ('54)	14-9-22W	500	124,096	338,292	16	Lans.-K.C.	3,786	5
			17,324		2	Arbuckle	3,580	22
							3,871	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing abds., wells	Producing zone				
		Area, acres	during 1958 to end, 1958		Name	Depth, Thick- ness, ft.	Aver. grav.		
Vesper ('57)	36-9-23W	1,280	270,845	291,895	30	1	Lans.-K.C.	3,849	2
Wheeler ('57)	8-10-21W	80	13,035	16,650	2		Lans.-K.C.	3,702	8
Pools or fields abandoned				100,443					
Total Graham County		43,890	6,800,352	50,555,688**	1,133	28			
Jumbo ('53)	29-29-27W		GRAY COUNTY				Cherokee	5,103	8
			Abandoned during 1958						
Atyeo-Pixlee* ('23)	7-22-10E	1,500	162,298		50		"Bartlesville"	2,350	20
Beaumont ('20)	27-8E	800	39,566		40	3	Mississippi	2,400	
							"Peru"	1,830	
							Mississippi	2,445	
							Arbuckle	2,740	
Beaumont North	27-9E		no report				Mississippi	2,477	
							Arbuckle	2,800	
Beaumont South ('35)	2-28-8E	160	5,821		5		Mississippi	2,500	
Blackwell ('25)	16-24-13E	400	8,192		12		Mississippi	1,650	
Blankenship* ('21)	26-8E	160	14,101		11	1	"Bartlesville"	2,650	
Brinegar	26-13E	440	5,562		27		"New Albany"	427	11
Browning ('24)	22-10E	1,900	1,030,916		120	1	"Bartlesville"	2,314	41
Burkett ('23)	24-23-10E	1,600	131,678		78		"Bartlesville"	2,000	38
Burt ('49)	8-26-11E	40	2,263		2		Mississippi	1,945	
Climax ('25)	27-11E	40	2,481		1		Mississippi	1,900	15
DeMallorie-Souder ('24)	22-10E	2,400	386,216		130		"Bartlesville"	2,150	55
Dunaway* ('22)	34-22-13E	1,600	64,418		49	1	Mississippi	1,800	12

Eureka	31-25-11E	1,300	43,478	47	1	Fort Scott	1,750	10
Fancy ('56)	25-26-12E	160	23,752	5		Mississippian	2,000	
Fankhouser*	4-22-12E	1,000	80,265	41	10	Mississippian	1,643	5
Ferrell North ('26)	28-8E	40	1,474	2		"Bartlesville"	1,850	24
Gaffney ('26)	18-24-11E	400	58,538	11		"Bartlesville"	1,850	41
Hamilton ('25)	7-24-12E	2,600	263,289	105	7	"Bartlesville"	1,650	25
						Mississippian	1,800	
Hinchman ('27)	17-24-13E	380	5,635	8		Mississippian	1,615	
Hollis ('27)	16-23-10E	40	4,539	2		"Bartlesville"	2,150	
Hubbard	22-13E	40	950	2		Cherokee	1,500	
Jackson	25-8E	160	4,379	4		"Bartlesville"		
Jackson Southwest ('57)	34-25-8E	40	8,218	1		"Bartlesville"	2,608	16
Jobs	24-13E		no report			Mississippian	1,700	
Lamont ('26)	29-22-13E	2,300	130,667	86	4	"Bartlesville"	1,700	42
Lane ('58)	5-26-12E	40	505	2	505	Mississippian	1,853	7
Ly-Green* ('54)	5-22-11E	40	1,064	1		"Bartlesville"	1,858	13
Madison	14-22-11E			130	4	"Bartlesville"	1,800	38
a		320	3,019					
b		1,700	406,993					
Mignot ('51)	9-22-11E	40	2,457	1		"Bartlesville"	1,921	10
Neal			Abandoned during 1958			Mississippian	1,525	
Ott	7-22-13E		no report			Simpson	2,236	
Polhamus ('22)	25-9E	1,200	123,929	46		"Bartlesville"	2,180	34
Quincy* ('26)	11-25-13E	1,280	37,596	39		"Bartlesville"	1,500	20
						Mississippian	1,720	
Reece	24-26-9E			18		Kansas City	1,380	12
a		980	16,499			Mississippian	2,100	
b		80	1,474					
Sallyards	25-8E	2,800	869,664	191		"Bartlesville"	2,350	40
Salt Springs Northwest ('58)	15-26-12E		no report			Mississippian	1,847	4
Scott ('25)	24-23-8E	900	72,974	38		"Bartlesville"	2,525	40

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone	
		Area, acres	during 1958			Depth, ft.	Aver. grav.
Seeley-Wick ('22)	28-23-11E	4,500	718,754	242	41 "Bartlesville"	1,930	45
Severy*	28-11E			15	Kansas City	1,200	
a		200	5,598				
b		60	1,855				
Severy North	27-11E	200	2,281	5	Kansas City	830	
Stanhope	15-26-8E	240	17,927	11	Mississippian	2,450	11
Teeter* ('20)	6-23-9E			143	4 "Bartlesville"	2,400	40
a		2,400	332,139				
b		320	3,518				
Teichgraber ('39)	25-8E			25	2 "Bartlesville"	2,750	50
a		40	161				
b		120	3,307				
c		80	784				
d		160	16,344				
e		20	217				
Thrall-Aagard ('21)	14-24-9E			227	5 "Bartlesville"	2,170	45
a		3,500	503,701				
b		120	7,385				
Tonovay	25-11E			8	2 Mississippian	1,830	29
a		40	1,092				
b		120	2,102				
Toronto* ('13)	16-26-13E	160	1,468	5	3 "Peru"	1,000	
				1	"Bartlesville"	1,700	
Tucker	14-26-11E	40	927				
Virgil ('16)	14-24-12E			152	1 "Bartlesville"	1,550	40
a		3,500	128,325		Mississippian	1,700	12
b		40	1,294				
Virgil North* ('20)	22-23-13E	5,500	216,145	285	"Bartlesville"	1,585	52
					Mississippian	1,840	12

Wiggins ('25)	30-24-11E	1,280	416,998	55	13	"Bartlesville"	1,860	15
Wilkinson ('26)	6-25-9E	400	11,366	19		"Bartlesville"	2,200	48
Willard	7-27-11E	240	11,854	14		Mississippian	1,900	10
Winterscheid*	23-14E	10	3,654	1		Mississippian	1,750	
Zebold ('57)	27-23-9E	160	15,988	6		Mississippian	2,424	8
Zimmermann ('53)	19-23-10E	60	2,407	3		"Bartlesville"	2,296	
Miscellaneous		480	24,258	12+	1			
Total Greenwood County		52,770	6,466,719	223,042,369	2,534	104		
				recorded				
HAMILTON COUNTY								
Helfrich ('55)	6-25-42W	40	6,617	26,050	1	Morrowan	5,040	10
HARPER COUNTY								
Attica ('58)	16-32-8W	10	887	887	1	Mississippian	4,364	8
Banner ('54)	27-32-7W	80	24,459	107,854	2	Viola-Simpson	4,833	6
Banner South ('56)	4-33-7W	40	11,668	42,098	1	"Misener"	4,848	3
Gerber ('57)	28-31-5W	160	36,556	40,542	4	Simpson	4,642	2
Gish ('57)	17-31-6W	660	23,970	329,566	2	Mississippian	4,349	7
			206,613		16	Simpson	4,700	6
Goheen ('58)	12-31-7W	80	1,396	1,396	2	Mississippian	4,310	24
Grant ('57)	20-31-7W	40	14,727	22,388	1	Simpson	4,696	13
Harper ('58)	11-32-7W	160	2,433	2,433	4	Viola	4,711	
						Simpson	4,714	
Hibbard ('57)	23-34-9W	40	697	697	1	Mississippian	4,586	14
Hibbard Northeast ('58)	31-33-8W		Abandoned during 1958			Mississippian	4,491	5
Miller ('55)	11-33-8W	40	2,920	14,598	1	"Misener"	4,895	5
Runnymede ('53)	23-31-6W	160	44,809	68,337	4	Simpson	4,648	
Sharon* ('55)	13-32-10W	800	109,489	227,256	17	Mississippian	4,355	10
Sharon Northeast ('57)	5-32-9W	320	17,342	27,633	5	Mississippian	4,330	16
Spivey-Grabs* ('49)	13-31-9W	7,000	489,008	2,420,113	129	Mississippian	4,400	14
					29			

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone		Aver. grav.
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.	
Stohrville ('57)	36-33-6W	280	21,043	21,486	6	Mississippian	4,461	7	
Pools or fields abandoned				3,193					
Total Harper County		9,870	1,008,017	3,330,477	196	13		•	
HARVEY COUNTY									
Alta Mills ('58)	29-22-2W	120	4,710	4,710	3	Simpson	3,677	5	
Burton* ('31)	1-23-4W		Included with Reno County			Mississippian	3,266		
			no report			"Hunton"	3,583		
Burton Northeast ('42)	3-23-3W			7,917		"Chat"	3,224		
DuBois* ('57)	3-25-2E	600	33,417	33,417	7	"Burgess"	3,830	8	
DuBois North ('58)	35-24-2E		Combined with DuBois			"Burgess"	2,831	2	
Gingrass ('57)	17-24-2E	120	4,358	24,234	3	"Hunton"	3,226	2	
			13,390		2	"Misener"	3,323		41.1
Graber* ('34)	32-21-1W	40	2,076	162,989	1	"Hunton"	3,274	24	
						Lans.-K.C.	2,665	3	
Halstead ('29)	36-22-2W	1,380	42,067	2,131,287	17	"Chat"	3,005	30	
						"Hunton"	3,521		
Harmac*	35-21-3W	160	26,059	73,635	4	"Chat"	3,195	13	40
Hollow-Nikkel* ('31)	30-22-3W	1,940	118,977	21,516,469	41	"Hunton"	3,507	14	
			Includes McPherson County Production			Simpson	3,500		
Jester Creek ('49)	3-24-1E		Abandoned during 1958			Lans.-K.C.	2,687		
Sperling ('35)	23-22-2W	320	32,018	815,808	7	"Hunton"	3,279	16	
Sperling South ('57)	23-22-2W		no report			Mississippian	2,954	13	
				341	1	Viola	3,386	6	
West Branch ('58)	23-23-2E	160	6,318	6,318	4	"Burgess"	2,773	2	

Pools or fields abandoned		124,440		89		2	
Total Harvey County		4,840	283,390	24,901,565			
HASKELL COUNTY							
Eubank ('58)	28-28-34W	600	5,377	58,111	2	Lansing	4,112
			670		1	Cherokee	4,843
Eubank South ('58)	8-29-34W	40	52,064	5,271	8	Mississippi	5,439
Koenig ('58)	12-29-34W		5,271	5,271	1	Mississippi	5,433
Pleasant Prairie ('54)	4-27-34W	1,300	no report	none	1	Morrowan	5,294
Satanta ('57)	21-30-34W	80	254,019	533,011	19	Mississippi	5,041
			33,954	45,228	2	Morrowan	5,370
Total Haskell County		2,020	351,355	641,621	34		
HODGEMAN COUNTY							
Hallet ('56)	15-22-25W	600	165,190	196,483	15	Mississippi	4,598
Jetmore ('50)	24-22-24W	80	3,040	85,639	2	Mississippi	4,580
Jetmore West ('57)	23-22-24W	40	4,502	9,679	1	Mississippi	4,558
Pløger ('57)	10-21-25W		no report	none		Cherokee	4,280
Purdyville ('51)	3-24-24W	200	55,447	729,751	5	Penn. congl.	4,651
						Mississippi	4,663
Saw Log Creek ('53)	36-23-22W	160	24,441	129,288	4	Marmaton	4,284
			8,467		1	Cherokee	4,478
Valley	7-21-24W	40	271	271	1	Mississippi	4,391
Wieland ('56)	16-21-22W	40	2,355	6,972	1	Mississippi	4,380
Total Hodgeman County		1,160	263,713	1,158,083	30		
JEFFERSON COUNTY							
Miscellaneous			no report				

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing abds., wells 1958	Producing zone			Aver. grav.
		Area, acres	during 1958 to end, 1958		Name	Depth, Thick- ness, ft.		
JOHNSON COUNTY								
Dallas		30	197	3				
Gardner	14-22E	480	3,382	7	Marmaton			
Prairie Center		10	59	1	Marmaton "Squirrel"			
Miscellaneous		10	402	1+				
Total Johnson County		530	4,040	12				
KEARNY COUNTY								
Lakin ('57)	34-25-36W	80	29,051	2	Mississippian	4,984	16	
Patterson ('41)	23-22-38W	160	37,636	3	"Patterson"	4,748		
South Side ('56)	13-26-35W	80	22,140	2	Lansing	4,129	13	
					Morrowan	4,966	8	
					Mississippian	4,982	8	
Total Kearny County		320	88,827	7				
KINGMAN COUNTY								
Alameda ('58)	23-28-7W	40	6,449	1	Lansing	3,599	8	
Bartholomew* ('48)	30-27-4W		65,175	6	Mississippian	3,732	25	
Included in Sedgwick County								
Basil ('53)	16-29-7W	320	9,018	1	Lans.-K.C.	3,727		
			236,324	2	Mississippian	4,150	4	
			13,568	6	Viola	4,511	3	
			59,262	4	Mississippian	3,897	2	
Bolinger ('57)	29-28-5W	160	24,983	31	Mississippian	3,833	6	32.5
Broadway ('50)	21-28-5W	980	94,184	3	Mississippian	3,884	6	36
Broadway West ('54)	19-28-5W	120	610	3	Mississippian			

Casley ('52)	11-28-5W	360	25,686	238,423	10	Mississippi	3,794	7	38
Cunningham* ('31)	7-28-11W	880	28,929	3,367,845	21	Lans.-K.C.	3,600	33	41
Dewey ('50)	9-28-5W	640	33,540	456,242	8	Mississippi	3,801	37	
Dewey North ('55)	5-28-5W		Abandoned during 1958			Lans.-K.C.	3,248	3	
Dresden ('51)	13-27-10W	1,120	16,114	1,035,140	34	Lans.-K.C.	3,806		37.9
						Mississippi	4,002	8	
						Viola	4,270	2	
Evan Mound ('51)	22-27-5W	40	1,124	28,678	1	Mississippi	3,800	16	37
Gilchrist ('55)	15-30-7W	640	52,156	145,804	7	Lans.-K.C.	3,726	5	
						Mississippi	4,084	35	
Goetz ('56)	29-29-9W	700	93	254,744	1	Mississippi	4,408	6	
			158,642		17	Viola	3,814	3	40
Lansdowne North ('51)	4-28-5W	40	922	26,064	1	Mississippi	4,455	12	43
Orsemus ('55)	30-29-5W	160	45,740	193,503	4	Viola	4,468		
						Simpson	4,483		
Orsemus South ('54)	31-29-5W		no report	450		Viola	4,129	5	
Pat Creek ('46)	20-28-9W	120	19,871	264,778	3	Mississippi	4,406	6	41.8
						Viola	4,475	18	
Reida ('55)	18-30-6W	80	3,144	15,415	2	Simpson	4,502	4	
Reida South ('57)	19-30-6W	80	14,856	22,388	2	Simpson	4,170	8	
Reida West ('55)	23-30-7W		no report	12,762	1	Mississippi	4,143	3	
Rosedale ('54)	32-29-6W	440	83,569	249,069	11	Mississippi	3,691	5	43
Saylor* ('58)	6-27-9W	40	510	510	1	Lans.-K.C.	4,211		
			Abandoned during 1958			Viola			
Spivey-Grabs* ('49)	13-31-9W	8,000	1,471,829	4,927,590	214	Mississippi	4,205		29
Trenton ('54)	27-29-7W	1,000	248,022	358,242	38	Mississippi	4,117	6	
Trenton South ('57)	3-30-7W	480	67,134	78,730	12	Mississippi	4,160	20	
Willowdale ('54)	11-29-9W	800	105,282	979,325	20	Viola	4,502	4	
Pools or fields abandoned				34,001					
Total Kingman County		17,240	2,585,237	14,351,001	460			21	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn- wells 1958	Producing zone	
			during 1958	to end, 1958		Name	Depth, Thick- ness, ft. Aver. grav.
KIOWA COUNTY							
Alford ('44)	14-30-19W	40	4,731	12,084	1	Mississippian	5,040
Booth ('58)	19-30-17W		Abandoned during 1958		1	Mississippian	4,939
Brenham ('47)	29-28-17W		Abandoned during 1958			Mississippian	4,821
Greensburg ('56)	35-27-18W	40	1,739	2,602	1	"Kinderhook"	4,742
G R W ('58)	36-30-16W	40	1,190	1,190	1	Viola	4,734
Haviland ('55)	17-28-16W	160	5,386	22,052	3	"Kinderhook"	4,761
Johannsen ('54)	24-28-19W	200	8,085	17,948	4	Lans.-K.C.	4,284
Mullinville ('55)	11-28-20W	80	5,331	30,782	2	Mississippian	4,890
Nichols ('55)	20-29-18W	2,000	648,230	1,537,293	53	Mississippian	4,997
Nichols Southwest ('57)	5-30-18W	240	56,275	75,103	6	Mississippian	4,977
Pyle ('55)	16-29-16W	40	6,036	64,788	1	Mississippian	4,666
Quaker ('58)	10-27-19W		no report	none		Mississippian	4,789
Soldier Creek ('55)	24-29-16W	40	4,003	37,917	1	Cherokee	4,599
Trousdale South ('56)	4-27-16W	40	4,707	4,707	1	Mississippian	4,598
Wellsford ('55)	15-28-16W	160	28,045	49,881	4	"Kinderhook"	4,525
Pools or fields abandoned				54,537		Marnaton	4,680
Total Kiowa County		3,080	773,758	1,910,884	78	Cherokee	4,723
					1		
LABETTE COUNTY							
Altamont	33-19E		no report			"Bartlesville"	540
Banzet	35-19E		no report				
Chetopa	36-34-20E	20	284		3	Arbuckle	850
Coffeyville-Cherryvale*	32-17E	200		68	62	"Wayside"	400
a						Fort Scott	600

[illegible]

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing abn. wells 1958	Producing zone	
		Area, acres	during 1958 to end, 1958		Name	Depth, ft. Thick- ness, ft. grav.
LINN COUNTY						
Beagle*			no report			
Blue Mound			no report			
Centerville* ('20)	10-21-22E	1,300	18,611	130	"Squirrel"	480
a		40	85		"Bartlesville"	720
b		100	1,311			
c						
Critzer	22-22E		no report		Cherokee	
Goodrich-Parker ('22)	25-20-21E	1,000	5,052	140	"Squirrel"	600
a		40	536		"Bartlesville"	700
b		400	2,800			
c		640	25,633			
d						
LaCygne-Cadmus	20-24E	80	10,013	93	Bandera	150
a		40	84		Labette	200
b		40	219			
c		480	9,007			
d		20	1,227	2+		
Miscellaneous						
Total Linn County		4,180	74,578	1,186,939 recorded	365	6
LOGAN COUNTY						
Oakley ('56)	3-11-32W		Abandoned during 1958		Marmaton	4,376

LYON COUNTY									
Atyeo-Pixlee* ('23)	7-22-10E	800	71,311	37	"Bartlesville"	2,200	32		
Bradfield	24-21-10E	800	98,051	41	Viola	2,500			
Bradfield Northwest ('53)	13-21-10E		Combined with Bradfield						
Fankhouser* ('26)	4-22-12E	1,000	34,067	42	"Bartlesville"	1,850	41		
Ly-Green* ('54)	5-22-11E	120	2,216	3	"Bartlesville"	1,858			
Ritchey-Moore	34-21-10E	10	2,123	1	Mississippian	2,170	12		
Rock Creek ('47)	32-21-11E	200	19,567	5	"Bartlesville"	1,900	22		
Welch-Mohr ('53)	30-20-10E		no report		"Bartlesville"	2,293			
Total Lyon County		2,930	227,335	129					
			8,034,300						
			recorded						
McPHERSON COUNTY									
Battle Hill ('45)	24-18-1W		no report	2	"Chat"	2,825	10		
Battle Hill North ('48)	13-18-1W	40	9,714	1	Mississippian	2,811	17	36	
Bittkofer ('40)	1-20-1W		Abandoned during 1958		"Chat"	2,885	24	29	
Bittkofer North ('46)	25-19-1W		Abandoned during 1958		Mississippian	2,892			
Burk ('48)	7-18-1W	120	7,212	3	Mississippian	2,781	3		
Canton North ('36)	26-18-1W	540	20,059	11	"Chat"	2,803	29		
Chindberg ('29)	18-19-2W	500	16,999	12	Lans.-K.C.	2,363	19		
					"Chat"	3,007			
Coons ('40)	13-19-1W	40	577	1	"Chat"				
Crowther ('42)	26-17-1W	1,280	73,094	30	"Chat"	2,778			
Georob ('47)	31-17-1W	1,460	159,017	43	"Chat"	2,665	3		
Goessel ('58)	12-21-1W	320	46,861	16	"Hunton"	3,407	3		
Grabber* ('34)	32-21-1W	3,400	350,250	112	"Misener"	3,323	41		
					"Hunton"	3,274	24		
Grabber North ('51)	4-21-1W	40	642	1	Mississippian	2,955			
Groveland ('53)	10-20-4W	40	no runs	1	Viola	3,728	8	38	
Groveland Northeast ('58)	2-20-4W	80	2,139	2	"Misener"	3,715	6		
Groveland South ('53)	14-20-4W	480	73,787	13	Viola	3,719	6		

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn., wells 1958	Name	Producing zone	
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.
Gypsum Creek* ('44)	4-17-1W	400	14,469	478,825**	9	"Chat"	2,619	14
Gypsum Creek South ('53)	9-17-1W		Abandoned during 1958			Mississippian	2,627	36
Harnac*	35-21-3W	750	132,247	258,015	20	"Hunton"	3,521	4
Henne ('40)	21-17-1W	800	26,250	1,635,677	15	"Chat"	2,658	5
Hollow-Nikkel* ('31)	30-22-3W		Included with Harvey County			"Chat"	3,195	13
Jenday ('44)	1-19-2W	1,000	33,626	1,000,422	24	"Chat"	2,984	15
Johnson ('32)	35-19-3W	960	42,235	3,602,978	10	"Chat"	3,032	37
Johnson South ('50)	11-20-3W	40	1,723	19,477	1	Mississippian	3,043	14
Larson ('58)	33-18-2W	160	6,662	6,662	4	Simpson	3,514	6
Lindsborg* ('38)	8-17-3W	5,300	234,693	8,789,280	94	Mississippian	2,965	15
						Viola	3,352	21
Lindsborg South ('55)	6-18-3W	180	17,050	72,127	3	Simpson	3,360	10
McPherson ('26)	29-18-2W	1,700	71,292	2,006,274	55	Simpson	3,523	4
						Lans.-K.C.	2,340	38
						"Chat"	2,967	11
Maxwell ('48)	17-18-1W	160	2,890	48,982		Viola	3,140	6
Mound Ridge Township ('58)	27-21-2W		no report	none	6	Mississippian	2,846	11
Paden ('43)	10-18-1W	2,000	462,260	4,355,871	91	"Hunton"	3,379	4
						"Chat"	2,752	18
Ritz-Canton ('29)	1-20-2W	16,000	1,542,056	51,062,437	390	Viola	3,153	42
						Lans.-K.C.	2,324	
						"Chat"	2,935	31
Round Hill ('56)	28-18-1W	160	24,024	56,562	4	Viola	3,412	4
						Cherokee	2,832	9
Roxbury ('38)	18-17-1W	1,000	64,449	3,404,450	26	Mississippian	2,853	10
						"Chat"	2,684	5
Roxbury South ('42)	30-17-1W	600	13,395	497,928	8	Simpson	3,278	35
						"Chat"	2,658	7

Voshell ('29)	9-21-3W	3,300	228,335	29,726,259	66	1	"Chat"	3,095	15	41
Welch-Bornholdt* ('24)	35-20-6W	3,200	339,585	13,848,533	119	4	Viola	3,301	3	
Pools or fields abandoned				279,377			"Chat"	3,370		34
Total McPherson County		46,050	4,017,592	144,568,785**1,191		36				
MARION COUNTY										
Antelope ('47)	33-18-4E	6,400	488,342		146	6	Kansas City	1,840	12	
Antelope East ('58)	36-18-4E			Combined with Antelope			"Chat"	2,380		
Antelope South ('56)	4-19-4E			Combined with Antelope						
Antelope Southeast ('56)	2-19-4E			Combined with Antelope						
Beauty South ('57)	11-19-4E			Combined with Antelope						
Blackmur ('57)	11-21-2E			Abandoned during 1958			"Hunton"	2,886	4	
Cedar Creek ('50)				Abandoned during 1958			Viola	2,563	3	
Covert-Sellers ('20)	28-21-4E	1,080	56,696		32		Viola	2,400		
Doyle Creek ('58)	6-22-3E	80	13,076	13,758	2		"Hunton"	2,891	8	
Durham ('53)	34-18-2E	280	29,562	185,970	6		Viola	2,899	2	
Durham South ('54)	3-19-2E			Abandoned during 1958			Simpson	3,039	2	30
Edmonds* ('53)	31-22-4E	500	96,735	479,986	21	2	Mississippi	2,471	3	
Elbing* ('18)	18-23-4E	200	5,115		7		Kansas City	2,120		
							Mississippi	2,400		35
							Viola	2,530		
Elbing North ('47)	27-22-4E	120	3,714	87,347	4		"Chat"	2,439		
Fairplay ('57)	25-21-4E	400	85,025	87,352	10		"Hunton"	2,458		2
							Viola	2,429		
Fanska ('43)	6-17-1E	80	2,781		3		"Chat"	2,680		
Florence ('20)	18-21-5E	400	36,297		6		Viola	2,300		
French Creek ('55)	22-19-2E	20	2,415		1		Simpson	3,020		

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing abds., wells 1958	Producing zone	
		Area, acres	during 1958 to end, 1958		Name	Depth, Thick- ness, ft. Aver. grav.
Hillsboro ('28)	7-19-3E	80	3,779	6	Mississippian	2,470
a		40	380		Viola	2,820
Lalouette ('57)	10-21-5E	40	9,489	1	"Hunton"	2,231
Lehigh ('46)	27-19-1E	200	8,930	3	Mississippian	2,800
Lehigh North ('53)	23-19-1E	20	101	1	Viola	3,225
Lincolnville ('58)	1-18-4E		no report		Mississippian	2,265
Lost Springs* ('26)	22-17-4E	8,400	449,112	220	Mississippian	2,365
Lost Springs Southeast ('48)	10-18-4E	1,400	22,141	15	Mississippian	2,345
Melcher ('57)	21-18-4E	40	642	2	Mississippian	2,399
Nelson West* ('53)	30-17-5E		no report		Mississippian	2,297
Peabody ('20)	9-22-4E	400	14,798	16	Viola	2,500
a		640	30,566			
b						
Propp	19-4E		Combined with Antelope			
Quarry Siding ('53)	16-19-4E		Combined with Antelope			
Quarry Siding Southeast ('57)	14-19-4E		Combined with Antelope			
Ratzlaff ('56)	7-19-2E	120	9,735	3	Viola	3,135
Shank ('52)	12-22-3E	160	4,218	5	Mississippian	2,474
Unger ('55)	8-21-3E	2,500	1,188,736	145	"Hunton"	2,809
Wenger ('47)	11-21-3E	480	23,261	15	"Hunton"	2,770
Youk ('54)	20-18-2E	80	9,622	2	Viola	3,017
Total Marion County		24,160	2,595,268	672		17
			40,383,286			recorded
Adams Ranch ('48)	8-35-30W	6,500	12,339	8	Marmaton	5,346
			MEADE COUNTY			40

Angell ('56)	30-32-29W	40	812	2,056	1	Morrowan	5,608	56
Bond ('54)	32-33-30W	120	248	11,399	3	Atokan	5,619	38
Bromwell ('52)	7-34-29W	40	no runs	3,958	1	Chesteran	5,860	26
Bruno ('53)	20-33-30W	40	13,654	69,687	1	Morrowan	5,901	37
Bruno Northeast ('53)	16-33-30W	40	9,034	53,145**	1	Morrowan	5,656	18
Fincham ('56)	14-35-27W	80	3,300	3,600	2	Morrowan	5,721	39
Hockett ('57)	8-31-29W	40	no runs	1,096	1	Mississippian	6,275	10
Horace Northeast ('57)	11-34-29W		Abandoned during 1958			Morrowan	5,390	4
Kismet East ('53)	30-33-30W	80	1,041	5,159	2	Mississippian	5,217	3
McKinney* ('50)	2-34-26W	1,200	36,732	159,502	38	Morrowan	5,645	3
Mohler ('57)	35-33-29W	120	20,073	24,128	3	Mississippian	5,762	66
Mohler Northeast ('58)	36-33-29W	220	836		2	Marmaton	5,259	8
Mohrvinger ('51)	26-33-30W	2,500	1,108	1,108	5	Morrowan	5,769	15
			207,394	2,076,292	35	Morrowan	5,690	8
Novinger Northwest ('55)	15-33-30W	80	18,055	62,310	2	Marmaton	5,270	20
Plains ('56)	17-32-30W	40	584	1,019	1	Morrowan	5,765	21
Sanders ('56)	13-32-29W	80	599	599	2	Mississippian	5,803	5
Singley ('55)	20-33-29W	780	151,290	308,087	22	Lans.-K.C.	4,553	33
			7,227		1	Morrowan	5,611	
Stevens ('52)	32-32-30W	1,960	433,018	1,053,019	24	Mississippian	5,550	16
			2,416		1	Morrowan	5,803	5
Total Meade County		13,960	919,760	3,927,517**	155	Mississippian	5,889	
					2		5,560	
							5,713	

MIAMI COUNTY

no report

3 2

19-22E
18-24EBeagle
Black

314

100

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone	
		Area, acres	during 1958 to end, 1958			Depth, ft.	Thick- ness, ft.
Block	18-24E			19	"Squirrel"	500	16
a		480	1,938				
b		80	264				
c		80	364				
Louisburg	17-25E			106	"Knobtown" "Peru" "Squirrel"	270 430 600	
a		500	11,442				
b		60	37				
c		320	12,661				
d		40	956				
e		40	17				
Paola-Rantoul* ('60)	17-23E			1,125	"Knobtown" Hepler "Peru" "Squirrel" "Bartlesville"	300 400 500 600 700	25 15 35
a		3,600	306,386				
b		400	6,528				
c		1,800	85,123				
d		80	402				
e		120	1,890				
f		40	364				
g		800	41,833				
h		40	280				
i		40	304				
j		60	101				
k		40	1,988				
l		320	4,030				
m		400	8,024				
n		120	589				
o		640	2,363				
p		40	235				

q	280	1,754							
r	800	18,611							
s	40	693							
t	60	477							
Miscellaneous	1,320	8,731			38 +				
Total Miami County	12,740	518,699	17,690,063	1,291	51				
			recorded						
MONTGOMERY COUNTY									
Brewster				37	2	"Bartlesville"		900	
a	200	1,693				Arbuckle			
b	40	76							
c	10	136							
d	40	69							
e	40	59							
f	100	660							
g	300	17,687							
Caney				39	1	"Bartlesville"		1,320	21
a	600	6,416							
b	40	705							
c	60	3,760							
Coffeyville-Cherryvale* ('02)				310	8	"Wayside"		400	
a	400	3,070				Fort Scott		600	
b	80	503				"Bartlesville"		1,000	
c	100	805				Arbuckle		1,300	
d	2,400	40,231							
e	640	32,095							
f	80	888							
g	740	6,280							
h	60	1,163							

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn., wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Depth, ft.	Thick- ness, ft.	
i		40	194					
j		60	2,399					
k		60	3,982					
l		40	50					
m		600	6,033					
n		20	210					
o		40	74					
p		40	360					
q		40	61					
r		30	550					
Coleman ('21)	28-32-14E	320	1,762		7	Arbuckle	1,700	
Elk City*	31-13E		no report		1	Marmaton		
Jefferson-Sycamore ('03)	18-33-15E				289	"Weiser"	800	15
a		40	561		45	"Bartlesville"	1,200	
b		40	5,843					
c		100	5,825					
d		500	10,724					
e		60	1,099					
f		10	332					
g		800	33,334					
h		40	4,035					
i		300	13,451					
j		60	5,752					
k		10	1,743					
l		10	221					
m		60	545					
n		40	380					
o		40	744					

[illegible]

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone			Aver. grav.
			during 1958	to end, 1958		Name	Depth, Thick- ft. ness, ft.		
MORRIS COUNTY									
Burdick ('49)	15-17-5E	120	1,975	35,143	4	3	Mississippian	2,220	45
Comiskey Northeast ('56)	24-16-9E	320	36,025	83,302	7		Viola	2,929	3
John Creek ('53)	26-15-9E	1,000	317,201	911,098	40		Viola	3,090	6
Nelson West* ('53)	30-17-5E		no report	688			Mississippian	2,297	16
Three Mile Creek ('50)	25-16-5E	240	1,750	100,437	4	3	Mississippian	2,208	50
Three Mile Creek South ('50)	35-16-5E	240	6,154	151,045	9		Mississippian	2,183	24
Youtsey ('57)	31-16-5E		Abandoned during 1958				Mississippian	2,270	20
Total Morris County		1,920	363,105	1,281,713 recorded	64	7			
MORTON COUNTY									
Boehm ('51)	14-33-42W	320	18,325	45,951	8		Morrowan		
Elkhart West ('57)	17-35-43W	40	1,341	1,341	1		Morrowan		
Interstate ('54)	29-34-43W	2,800	643,872	1,362,238	76		Morrowan	4,210	
Richfield ('48)	17-32-40W	250	42,175	97,671	9		Atokan	4,990	
Sparks* ('54)	34-30-42W	80	610	858	2		Morrowan	5,245	
Taloga ('55)	34-34-42W	1,200	7,223	246,714	1		Morrowan	4,428	
			31,043		6		Morrowan		
			4,179		2		Morrowan		
			69,123		14		Morrowan		
Taloga Northeast ('57)	19-34-41W	80	13,804	20,437	2		Morrowan	4,397	11
							Cherokee	4,674	10
Total Morton County		4,770	831,695	1,775,210	121		Morrowan		

			NEMAH COUNTY						
			40	2,235	64,643	1			
Sabetha ('50)	13-2-14E		160	11,490	192,445	3		"Hunton"	2,826
Strahm ('48)	27-2-14E							"Hunton"	2,879
								Viola	3,559
Strahm East ('53)	26-2-14E			no report	7,744			"Hunton"	2,826
Total Nemaha County			200	13,725	264,832	4			
NEOSHO COUNTY									
Erie ('03)	28-20E		320	1,911			328	"Bartlesville"	650
a			2,400	40,187					
b			300	1,018					
c			20	179					
d			20	1,519					
e			780	23,477					
f									
Humboldt-Chanute*	27-18E		20	30			1,193	37	700
a			300	1,967					23
b			10,000	249,870					
c			20	737					
d			160	1,652					
e			320	15,664					
f			240	209					
g			400	635					
h			40	1,463					
i			680	20,703					
j			640	3,404					
k			180	657					
l			60	2,408					
m				no report					
Kimball	27-21E								

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn., wells 1958	Name	Producing zone	
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.
Morehead	30-30-18E	1,200	27,288		53	"Bartlesville"	850	
a		20	582					
St. Paul-Walnut*	29-21E	1,500	50,168		226	"Bartlesville"	550	
a		580	1,073					
b		40	75					
c		400	2,026					
d		20	149					
e		60	90					
f		200	7,655		9			
Thayer	29-17E							
Trent	28-21E	20	477		130	"Bartlesville"	530	
a		40	4,160					
b		520	76,082					
c		680	14,044		35	"Bartlesville"	750	
Urbana	28-18E	160	3,870		4+			
Miscellaneous								
Total Neosho County		22,340	555,369	25,416,417 recorded	1,978			
					39			
NESS COUNTY								
Aldrich ('29)	7-18-25W	5,300	213,314	4,096,197	52	Warsaw	4,428	2 34
Aldrich Northeast ('54)	23-17-25W	820	16,440	531,706	2	Marmaton	4,325	4 4
						Penn. congl.	4,334	10
					18	Mississippian	4,398	7 34
Arnold ('43)	22-16-25W	320	150,761	480,258	6	Fort Scott	4,436	21
			28,428			Warsaw	4,528	

Cruce ('56)	4-19-26W	40	6,169	22,002	1	Mississippi	4,556	5
Davenport ('55)	36-16-21W	320	63,470	210,631	8	Cherokee	4,045	2
Elmore* ('58)	12-18-21W	40	6,129	6,129	1	Cherokee	4,116	12
Manteno ('45)	31-19-25W	Abandoned during 1958				Warsaw	4,549	
Margheim	17-19-21W	40	1,298	1,298	1	Mississippi	4,339	8
Pabst ('58)	24-18-21W	4	21,487	21,487	4	Cherokee	4,054	5
Petersilie ('57)	14-20-24W	240	30,891	31,687	6	Mississippi	4,386	
Ryensee ('56)	35-18-21W	80	11,954	44,952	1	Cherokee	4,100	22
			6,827		2	Mississippi	4,209	6
Ryensee Southwest ('57)	3-19-21W	40	1,241	3,779	1	Mississippi	4,270	5
Schoharie ('56)	22-19-23W	40	1,884	6,126	1	Marmaton	4,272	58
Vermilion ('55)	6-17-24W	40	2,957	17,849	1	Marmaton	4,385	11
Pools or fields abandoned				65,686				
Total Ness County		7,324	563,250	5,539,787	105			4
NORTON COUNTY								
Densmore ('57)	12-5-22W	120	9,351	17,644	3	Reagan	3,543	5
Norton ('53)	36-3-24W	2,140	659,814	3,995,577	116	Lansing	3,314	8
					1	Arbuckle	3,778	12
Norton Townsite ('58)	26-2-23W	40	451	451	1	Reagan	3,639	
Ray* ('40)	32-5-20W	480	102,490	549,017	12	Arbuckle		
				Abandoned during 1958				
Ray North ('54)	13-5-21W	no report				Lans.-K.C.	3,297	
Ray Northwest ('53)	22-5-21W	120	7,350	34,026	3	Arbuckle	3,575	13
Ray West ('45)	26-5-21W	800	110,250	365,504	19	Arbuckle	3,540	32
Spieess ('58)	35-5-25W	40	1,418	1,418	1	Arbuckle	3,605	1
Pools or fields abandoned				32,054		Lansing	3,650	9
							3,645	3
Total Norton County		3,740	891,124	4,995,691	155			1

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing abd., wells 1958	Producing zone			
		Area, acres	during 1958 to end, 1958		Name	Depth, ft.	Thick- ness, ft.	Aver. grav.
OSBORNE COUNTY								
Ruggles ('52)	23-10-15W	640	66,867	551,106	12	Shawnee	2,986	30
						Lans.-K.C.	3,024	
Ruggles South ('57)	27-10-15W	40	3,661	8,860	1	Penn. congl.	3,394	16
						Lans.-K.C.	3,038	4
Total Osborne County		680	70,528	559,966	13			
PAWNEE COUNTY								
Benson ('45)	30-23-15W	1,720	89,985	1,065,483	24	Lans.-K.C.	3,853	68
Bow ('58)	31-22-15W	80	8,112	8,112	2	Lansing	3,625	7
Browns Grove ('57)	17-20-20W	80	19,777	24,903	2	Mississippian	4,325	3
Carpenter ('55)	25-23-17W	120	5,995	26,598	3	Marmaton	4,123	
						Penn.-Miss.	4,158	10
						"Kinderhook"	4,270	6
Dunes ('53)	22-22-15W	680	68,378	405,969	8	Arbuckle	3,956	24
Dunes Southwest ('53)	33-22-15W	40	3,079	34,287	1	Lans.-K.C.	3,728	8
Dunes West ('58)	21-22-15W	40	1,161	1,161	1	Arbuckle	3,974	6
Evers ('51)	1-22-16W	400	19,821	355,699	6	Lans.-K.C.	3,525	6
						Penn. congl.	3,814	34
						Simpson	3,861	4
Garfield ('47)	17-23-17W	7,500	1,091,652	5,805,112	229	Arbuckle	3,908	11
					3	Penn.-Miss.	4,279	
						"Kinderhook"	4,276	5
Hearn ('53)	35-23-15W	120	2,605	30,121	3	Lans.-K.C.	3,833	
						Arbuckle	4,130	5
Jay ('54)	3-23-15W	380	44,139	230,467	10	Lans.-K.C.	3,668	
						Simpson	4,025	14

Jay South ('56)	9-23-15W	80	7,297	30,633	2	Simpson	4,101	6
Jessie ('58)	36-21-15W	40	3,795	3,795	1	Lans.-K.C.	3,601	7
Larned ('49)	28-21-16W	2,800	521,434	3,256,733	73	Arbuckle	3,877	5
Lovett ('54)	35-22-15W	80	7,226	40,753	2	Lans.-K.C.	3,682	37
Merritt ('57)	35-21-20W	no report	no report	none		Cherokee	4,208	4
Newsom ('56)	25-20-20W	40	no runs	2,483	1	Mississippian	4,270	8
Nixon ('58)	29-23-16W	Abandoned during 1958	Abandoned during 1958		1	Mississippian	4,132	
Orange ('58)	33-23-17W	no report	no report	none		Penn. congl.	4,320	10
Oro ('53)	9-20-19W	640	157,934	602,358	14	Penn. congl.	4,204	5
Oro West ('53)	8-20-19W	Abandoned during 1958	Abandoned during 1958			Penn. congl.	4,124	39
Pawnee Rock* ('36)	13-20-16W	2,900	169,182	4,447,290	54	Arbuckle	3,832	16
Rutherford ('46)	8-20-16W	300	12,094	339,018	5	Arbuckle	3,815	9
Ryan* ('45)	35-19-16W	300	7,528	570,001	4	Arbuckle	3,656	32
Ryan Southeast ('45)	12-20-16W	160	4,137	341,655	4	Arbuckle	3,688	3
Shady ('48)	35-22-16W	no report	no report	6,038		Arbuckle	4,067	
Shady Southwest ('53)	3-23-16W	80	4,185	80,167	2	Lans.-K.C.	3,705	5
Shiley ('54)	14-20-20W	180	31,319	183,958	4	Arbuckle	4,094	6
Shiley East ('54)	18-20-19W	120	36,644	196,533	6	Penn. congl.	4,173	7
Sweeney ('53)	8-21-15W	200	8,838	54,900	4	Cherokee	4,223	2
Sweeney Southwest ('55)	25-21-16W	80	no runs	6,833	2	Arbuckle	3,831	37.8
Sweeney West ('57)	14-21-16W	80	14,487	21,602	2	Arbuckle	3,901	3
Zook ('42)	16-23-16W	no report	5,153		1	Simpson	3,781	13
Pools or fields abandoned			no report	7,016		Arbuckle	3,833	3
				382,196		Arbuckle	4,066	
Total Pawnee County		19,240	2,345,957	18,561,874	470			27
PHILLIPS COUNTY								
Beckman ('51)	3-4-19W	40	1,559	14,476	1	Lans.-K.C.	3,201	4
Bow Creek ('39)	25-5-18W	80	522	84,629	2	Lans.-K.C.	3,111	53
Dayton ('41)	36-2-19W	1,540	33,862	1,265,058	18	Lans.-K.C.	3,430	8

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone	
		Area, acres	during 1958 to end, 1958			Depth, ft.	Thick- ness, ft.
Fredericksburg ('52)	4-1-18W	40	2,259	1	Lans.-K.C.	3,457	3
Glenwood ('51)	21-1-17W	80	2,395	2	Lans.-K.C.	3,597	21
Hansen ('43)	14-5-20W	1,300	172,419	38	Lans.-K.C.	3,363	6
					Arbuckle	3,530	
Hansen West ('52)	15-5-20W	40	3,963	1	Arbuckle	3,543	11
Huffstutter ('49)	6-2-18W	5,700	311,018	145	Lans.-K.C.	3,444	36
Huffstutter Southwest ('51)	23-2-19W	200	13,574	5	Lans.-K.C.	3,458	4
Kent ('51)	22-1-18W		Abandoned during 1958		Lans.-K.C.	3,432	
Logan ('45)	3-5-20W	520	39,098	12	Lans.-K.C.	3,149	
					Arbuckle	3,381	
Mont-Sol ('54)	1-4-19W	200	12,919	5	Lans.-K.C.	3,255	10
Ray* ('40)	32-5-20W	4,000	1,250,931	150	Lans.-K.C.	3,297	
					Arbuckle	3,575	
Slinker ('51)	25-4-20W	200	27,920	5	Reagan	3,540	13
Stuttgart ('50)	14-3-19W	640	39,559	13	Lans.-K.C.	3,215	8
Stuttgart South ('51)	23-3-19W	40	2,499	1	Lans.-K.C.	3,146	3
Wolf Creek ('54)	16-4-19W		Abandoned during 1958		Lans.-K.C.	3,291	3
Pools or fields abandoned					Lans.-K.C.	3,212	2
Total Phillips County		14,620	1,914,497	399			
			32,070,105	4			
PRATT COUNTY							
Blowout ('52)	8-27-14W	40	2,062	1	Lans.-K.C.	3,929	7
Cairo North ('54)	6-28-11W	80	7,882	2	Viola	4,314	4
Carver-Robbins ('55)	21-27-15W	40	385	1	Penn. congl.	4,472	
					Mississippian	4,509	5

Carter-Robbins NE ('56) Chance ('46)	10-27-15W 4-27-13W	40 1,500	2,270 140,479	11,287 3,539,314	1 71	1 1	Penn. congl. Marmaton Mississippian Viola Simpson Arbuckle Simpson Lans.-K.C. Viola Simpson Arbuckle	4,400 4,137 4,254 4,250 4,380 4,432 4,422	9 34.3 34 10 25 8 35
Chance Northwest ('54) Chitwood ('43)	29-26-13W 23-28-12W	80 2,000	2,379 713,318	75,474 9,621,613	2 69	2	Simpson Lans.-K.C. Viola Simpson Arbuckle	4,422	8
Clara* ('48) Coats ('44)	36-29-14W 24-29-14W	160 200	5,553 9,966	205,982 450,604	4 8	4	Simpson Arbuckle Simpson Arbuckle	4,396 4,472 4,402	14 4 12
Coats North ('54)	12-29-14W	80	7,894	102,956	2	2	Marmaton Simpson Mississippian Lans.-K.C. Viola	4,342 4,584 4,543 3,390 4,330	10 16 13 7 28.7
Cullison ('56) Cunningham* ('31)	25-28-15W 7-28-11W	40 3,400	1,513 75,498	4,518 5,051,441	1 72	1 2	Simpson Mississippian Lans.-K.C. Viola	4,543 3,390 4,330	13 7 41.0
Earl ('54)	36-28-14W	200	6,926	101,328	4	4	Lans.-K.C. Simpson	4,223 4,520	14 17
Earl North ('55) Fitzsimmons ('53) Fitzsimmons South ('54)	36-28-14W 30-27-13W 31-27-13W	40 160 320	8,561 7,452 37,734	28,618 137,250 192,878	1 4 8	1 1 8	Simpson Lans.-K.C. Lans.-K.C. Simpson	4,493 4,056 4,124 4,435	3 3 38 38
Frisbie ('43) Frisbie Northeast ('48)	5-26-13W 4-26-13W	400 400	35,976 31,665	521,923 383,618	9 11	9 1	Lans.-K.C. Lans.-K.C. Viola Simpson	3,947 3,788 4,170 4,274	8 19 17 8
Haskins ('56)	5-27-14W	80	8,623	27,150	2	2	Lans.-K.C. Viola	4,118 4,418	8 8

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone		Aver. grav.
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.	
Iuka-Carmi ('37)	11-27-13W	9,000	1,035,058	20,607,562	247	5	Lans.-K.C.	4,104	31
							Marmaton	4,012	7
							Mississippian	4,112	24
							Viola	4,195	
							Simpson	4,292	
							Arbuckle	4,354	
Iuka-Carmi Northwest ('53)	26-26-13W	180	13,358	142,852	4	1	Viola	4,217	16
			15,704		1		Simpson	4,276	37
							Arbuckle	4,358	18
Jem ('57)	28-29-13W	40	no runs	1,475	1	1	Simpson	4,584	4
Lion Northeast ('54)	21-27-11W	80	12,433	45,076	2		Lans.-K.C.	3,796	3
Ludwick ('44)	4-29-13W	40	1,048	38,655	1		Simpson	4,490	27
Moore ('49)	1-26-14W	320	15,485	317,533	3	1	Lans.-K.C.	3,906	
			19,220		2		Viola	4,234	37
			9,790		1		Simpson	4,348	
Moore Southwest ('53)	11-26-14W	640	27,633	168,730	8		Lans.-K.C.	3,846	38
							"Kinderhook"	4,246	
							Simpson	4,364	2
Randle ('55)	5-26-14W	80	12,860	46,564	2		Lans.-K.C.	3,946	8
Reil ('57)	10-29-14W	40	2,428	4,562	1		Marmaton	4,439	5
Rollingson ('58)	30-27-12W	80	1,964	1,964	2		Simpson	4,306	6
Sawyer ('57)	26-29-13W	80	15,972	21,443	2		Lans.-K.C.	4,096	4
							Simpson	4,607	4
							Arbuckle	4,678	5
School Teacher ('57)	27-28-11W	40	1,917	2,930	1		Viola	4,331	16
Shriver ('44)	33-29-14W	300	18,435	811,723	6		Simpson	4,557	7
Stark ('41)	18-26-11W	40	no runs	859,316	1		Lans.-K.C.	3,601	
							Viola	4,121	2

Stoops ('46) Tatlock ('54) Pools or fields abandoned	7-29-12W 28-26-15W	80 40	no runs 14,069	94,767 66,426 60,589	2 2	Viola Lans.-K.C.	4,446 3,925 4
Total Pratt County		20,340	3,766,045	45,261,505	562	16	
RAWLINS COUNTY							
Brumm ('56)	7-2-36W	40	3,325	8,247	1	Lans.-K.C.	4,312
Sappa Creek ('58)	24-4-34W	40	3,591	3,591	1	Marmaton	4,430
Waterman	15-4-33W	40	764	764	1	Marmaton	4,280
Total Rawlins County		120	7,680	12,602	3	1	
RENO COUNTY							
Abbyville ('27)	24-24-8W	1,040	32,349	1,044,758	15	Lans.-K.C.	3,540
Albion ('48)	14-26-6W	160	8,667	53,306	4	Lans.-K.C. "Chat"	3,342
Albion North ('50)	14-26-6W		Abandoned during 1958			Viola	3,654
Bacon ('53)	36-23-5W	40	7,552	38,262	1	Mississippian	3,997
Beck ('55)	24-23-9W	120	27,979	60,527	3	Penn. congl.	3,382
Buhler ('38)	25-22-5W	1,100	46,345	1,403,830	15	Viola	3,711
Burrtown* ('31)	1-23-4W	13,080	624,447	51,790,787	329	Simpson	3,890
Castleton ('55)	29-25-6W	40	3,306	14,929	2	Mississippian	3,897
Grove ('54)	12-25-10W	80	no runs	28,847	2	"Hunton"	3,266
Haven ('51)	9-25-4W	240	11,904	4,842,309	6	"Misener"	3,583
Hilger ('34)	16-26-4W	200	21,599	225,453	4	Mississippian	3,992
Hilger Southwest ('55)	29-26-4W	780	42,226	160,448	5	Simpson	3,884
Lerado ('37)	10-26-9W		16,630		2	Viola	3,977
					4	"Misener"	4,062
					5	Viola	3,955
					17	Mississippian	4,012
							3,857

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abds., wells 1958	Producing zone		
			during 1958	to end, 1958		Name	Depth, ft.	Thick- ness, ft.	Aver. grav.
Combined with Lerado								
Lerado Southwest ('44)	21-26-9W							
Morton ('42)	17-24-8W	40	1,896	52,786	1	Lans.-K.C.	3,180	12 38
Morton Southeast ('51)	16-24-8W	40	1,618	15,998	1	Lans.-K.C.	3,423	12 38
Nicklaus ('52)	3-26-4W	120	27,054	157,823	3	Lans.-K.C.	3,249	3 38
Prettyman ('57)	11-23-9W	40	1,886	5,289	1	Lansing	3,244	6
Sterling* ('51)	4-22-8W	400	27,444	189,732	9	Mississippian	3,385	12 34
Stroud ('58)	34-23-5W	40	3,055	3,055	1	Simpson	3,850	3
Wisby ('57)	18-22-9W	400	53,517	66,232	9	Simpson	3,614	4
Wisby North ('57)	6-22-9W	40	3,870	8,984	1	Simpson	3,610	10
Yoder ('35)	34-24-5W		no report	93,285		"Chat"	3,450	51
Zenith-Peace Creek ('41)	21-23-10W		Included with Stafford County		10	Viola	3,773	
Pools or fields abandoned				2,637,235				
Total Reno County		18,000	963,344	62,893,875	428			
RICE COUNTY								
Bell ('53)	9-21-10W	120	16,083	154,492	3	Arbuckle	3,391	4 39
Bloomer* ('36)	36-17-11W	1,500	341,879	16,129,562	77	Lans.-K.C.	3,044	43
						Arbuckle	3,257	8 43
Bowman North ('48)	16-19-10W		Abandoned during 1958			Arbuckle	3,331	
Bredfeldt ('48)	7-18-9W	120	8,668	114,783	3	Arbuckle	3,226	8
Bredfeldt Northwest ('56)	12-18-10W	40	1,962	9,487	1	Arbuckle	3,250	5
Calf Creek ('50)	28-18-10W	320	59,681	252,557	12	Lans.-K.C.	3,006	12
						Penn. congl.	3,270	10
						Precambrian	3,143	10 40
Calf Creek North ('52)	28-18-10W	80	667	14,137	2	Arbuckle	3,248	13

Chase-Silica* ('31)	32-19-9W	35,600	1,519,197	120,184,102	731	17	Wabunsee Lans.-K.C. "Penn. sand" Simpson	2,285 2,942 3,355 3,242	10 8	40
Click Southeast ('47)	11-18-7W	160	11,880	81,802	4		Arbuckle Lans.-K.C. Penn. congl.	3,252 3,065 3,154	10 5 4	48
Crawford ('53)	12-18-7W	300	29,626	235,580	10		Penn. congl.	3,194	7	40
Crawford Southeast ('54)	20-18-6W	80	7,303	18,491	2		Penn. congl.	3,276	6	40
Dymond ('55)	18-21-7W	80	no runs	2,223	2		Mississippian	3,392	10	
Engelland ('49)	34-20-7W		Combined with Wherry							
Fair ('52)	15-21-10W	40	310	6,919	1	1	Penn. congl.	3,358	10	
Farmer ('52)	24-18-10W	600	Abandoned during 1958							
Farmer North ('57)	18-18-9W	80	28,948	430,576	18		Arbuckle	3,222	6	40
Frederick ('51)	10-18-9W	700	10,445	14,008	2	1	Arbuckle	3,326	6	
Galt ('52)	8-18-7W	160	29,058	525,327	3	2	Penn. congl.	3,213	26	37
Geneseo-Edwards* ('34)	25-18-8W		151,675		19		Simpson	3,280	10	
			3,646	90,572	3		Arbuckle	3,193	4	
		6,000	1,259,670	43,119,345	286	5	Lans.-K.C. Penn. congl. Simpson	2,787 3,222 3,180	39 39 39	
Glen Sharrauld ('50)	20-18-10W	120	769	37,637	3		Arbuckle	3,132	41	
Green ('53)	14-19-6W		Abandoned during 1958				Lans.-K.C.	3,118	25	39.7
Guldner ('55)	17-18-9W		Abandoned during 1958				Mississippian	3,388		
Heinz ('38)	8-18-10W	300	10,579	350,356	7	1	Arbuckle Lans.-K.C. Arbuckle	3,250 3,000 3,254	14	
Ixl ('50)	4-19-10W	820	91,705	363,502	17		Lans.-K.C.	3,068	22	44
Lyons ('49)	14-20-8W	40	950	76,381	1		Arbuckle Lans.-K.C. Penn. congl. "Misener" Arbuckle	3,308 3,226 3,315 3,277	16	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Wells abd., 1958	Producing zone		Aver. ft. grav.
			during 1958	to end, 1958			Name	Depth, Thick- ness, ft.	
Mary Ida* ('50)	31-18-10W	640	75,716	730,405	15		Lans.-K.C. Arbuckle	3,033 3,272	36 5
Mary Ida South ('57)	6-19-10W	40	8,235	9,139	1		Arbuckle	3,342	5
Meadowside* ('49)	24-18-11W	140	22,996	91,389	3		Lans.-K.C. Arbuckle	3,079 3,366	12 29
Mooney ('58)	6-19-10W	160	18,066	18,066	4		Arbuckle	3,309	43
Munyon ('50)	34-18-10W	120	10,424	103,084	3		"Sooy" Arbuckle	3,270 3,275	
Munyon East ('53)	34-18-10W		Abandoned during 1958				Arbuckle	3,274	
Munyon South ('51)	3-19-10W	160	5,375	144,533	5		Arbuckle	3,300	13
Odessa ('49)	32-18-6W	460	28,703	398,214	12		Lans.-K.C.	3,092	6
Odessa South ('49)	9-19-6W	120	5,273	72,836	3	1	Lans.-K.C.	3,069	6
Orth ('32)	27-18-10W	1,420	89,324	3,342,432	42	5	Shawnee Lans.-K.C. "Sooy"	2,915 3,187 21	10 27
Orth North ('56)	23-18-10W	40	90	2,497	1	1	Precambrian Arbuckle	3,240 3,262	8
Orth West ('44)	21-18-10W	540	Abandoned during 1958		16	2	Shawnee Arbuckle	2,688 3,235	37 41.5
Ponce ('36)	28-21-7W	160	18,975	110,149	4		"Sooy"	3,388	40
Prosper ('48)	6-18-9W		Abandoned during 1958				Arbuckle	3,232	
Prosper East ('50)	5-18-9W	160	6,390	211,305	4		Arbuckle	3,222	16
Relim ('57)	3-19-6W	700	112,238	119,436	17		Penn.-Miss.	3,295	18
Rick* ('36)	1-19-11W	40	1,816	64,533	1		Lans.-K.C. Arbuckle	3,106 3,355	41

Rick Southeast ('47)	18-19-10W	100	20,295	141,338	4	Lans.-K.C. Arbuckle	3,026 3,334	5	36
Rickard ('35)	22-18-9W	40	2,083	207,730	1	Arbuckle	3,324	7	
Ringwald ('49)	32-18-10W	540	58,938 9,378	805,336	8	Lans.-K.C. Precambrian	2,947 3,072	5	37.7
Roesler* ('43)	14-18-11W	180	11,175	183,458	4	Arbuckle	3,291	7	
Smyres North (revived) ('57)	23-19-6W	40	no runs	1,219	1	Mississippian	3,360	8	
Sterling* ('51)	4-22-8W	180	3,280	44,133	3	Mississippian	3,385	12	
Union East ('50)	27-20-8W	200	3,117	73,234	5	"Sooy"	3,305	9	
Volkland ('43)	27-18-9W	220	12,810	777,698	4	Arbuckle	3,221	30	
Welch-Bornholdt* ('24)	35-20-6W	9,200	876,312	16,831,509	308	"Chat"	3,370	34	
Welch North ('37)	23-20-6W	Combined with Welch-Bornholdt			127	"Sooy"	3,358	22	
Wherry ('33)	11-21-7W	7,640	299,836	13,338,722	8	Simpson	3,553	6	
Wisby Northeast ('58)	32-21-9W		no report	none					
Pools or fields abandoned				409,500					
Total Rice County		70,500	5,314,385	221,189,082	1,806				52
ROOKS COUNTY									
Arpin ('57)	5-9-20W	40	2,693	7,260	1	Arbuckle	3,655	5	
Arpin East ('58)	4-9-20W	40	1,226	1,226	1	Arbuckle	3,751	21	
Arpin South ('57)	8-9-20W	80	11,401	13,264	2	Arbuckle	3,714	12	
Barry ('42)	11-9-19W	2,200	97,798	9,359,742	15	Lans.-K.C.		35	
			445,051		52	Arbuckle	3,435	5	
Barry East ('47)	6-9-18W	560	34,618	802,548	10	Lans.-K.C.	3,280	9	22.7
						Arbuckle	3,489	6	
Barry Southeast ('46)	13-9-19W	700	94,803	2,091,560	25	Lans.-K.C.	3,228	7	26
						Arbuckle	3,479	7	
Baum ('42)	10-10-16W	40	1,258	28,709	1	Lans.-K.C.	3,057	15	
Baumgarten ('50)	25-9-19W	1,300	25,606	882,822	7	Lans.-K.C.	3,401	7	24.8
			98,926		18	Arbuckle	3,621	7	
Bemis-Shutts* ('35)	16-11-17W	700	124,617	2,349,465	29	Lans.-K.C.	3,083	4	38
					1	Arbuckle	3,570	8	32

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells	Name	Producing zone		Aver. grav.	
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.		
Berland Southeast ('53)	29-10-19W	160	4,670	87,367	3	1	Arbuckle	3,755	5	26
Brungardt* ('52)	35-10-17W	500	65,064	368,376	13		Lans.-K.C. Penn. congl. Arbuckle	3,194 3,449 3,644	16	37
Brungardt Northwest ('53)	34-10-17W	80	360	15,693	2		Penn. congl. Arbuckle	3,441 3,477	2	30
Carmichael ('55)	33-8-18W	120	12,783	87,654	3		Arbuckle	3,210	8	
Colby ('53)	27-10-17W		no report	1,462			Lans.-K.C.	3,384		
Cooper* ('43)	5-10-20W	1,600	144,375	1,884,410	33	2	Lans.-K.C. Arbuckle	3,619 3,824	6	
Cresson ('56)	11-9-20W	80	7,692	26,316	2		Arbuckle	3,618	8	
Dancer ('52)	4-8-17W		no report	9,671			Lans.-K.C.	3,140	12	26
Dopita ('34)	31-8-17W	3,680	322,366	2,817,682	84	1	Lans.-K.C. Arbuckle	3,212 3,409	5	
Dopita East ('52)	29-8-17W	380	38,486	288,760	9		Lans.-K.C. Arbuckle	3,304 3,421	6	
Dorr ('42)	20-9-16W	1,000	160,084	1,570,697	47		Toronto Lans.-K.C.	3,178 3,230	10	35
Faubion ('36)	12-6-18W	40	3,578	64,265	1		Lans.-K.C.	3,162	3	
Fehnel ('52)	16-10-19W	80	9,898	69,490	2		Lans.-K.C.	3,480	14	36
Finney ('47)	14-10-18W	80	3,562	49,304	2		Lans.-K.C.	3,419		35
Finney South ('58)	24-10-18W	160	12,453	12,453	4		Lansing	3,447	48	
Flagler ('55)	15-10-18W	40	5,254	20,234	1		Lans.-K.C.	3,445	6	
Ganoung ('53)	31-9-17W	80	3,162	36,268	2		Lans.-K.C. Penn. congl.	3,281 3,524	7	
Gick ('47)	30-9-19W	260	22,105	339,988	7	1	Arbuckle	3,578	12	34
Gra-Rook ('48)	30-9-20W	760	162,962	1,701,660	18		Penn. congl. Arbuckle	3,810 3,869		

Gra-Rook North ('56)	18-9-20W	280	13,996	45,716	4	Arbuckle	3,746	14	32
Grover ('50)	22-7-19W	400	15,332	190,714	9	Lans.-K.C.	3,272	40	32.6
Hayden ('49)	31-8-19W	400	37,797	698,525	14	Arbuckle	3,408	13	
Hillside ('52)	12-8-20W	40	1,901	17,179	1	Lans.-K.C.	3,289	33	
Jelinek ('47)	23-9-19W	2,500	38,781	5,514,444	8	Arbuckle	3,513	4	
Kern ('50)	28-9-20W	200	46,263	412,170	69	Shawnee	3,206	8	28
Kern West ('58)	29-9-20W	40	2,020	2,020	5	Lans.-K.C.	3,220	23	
Krueger* ('48)	35-10-16W	380	455,557	605,172	12	Arbuckle	3,537	15	
Kruse ('51)	3-10-16W	440	23,553	326,792	11	Arbuckle	3,855	5	
Kruse Northwest ('53)	34-9-16W	120	6,129	46,721	3	Lans.-K.C.	3,859	7	36
Laton ('27)	11-9-16W	4,100	197,298	5,281,641	104	Lans.-K.C.	3,552	59	
Locust Grove ('49)	8-7-19W	40	217	27,912	1	Arbuckle	3,094	26	38
Locust Grove Southeast ('51)	9-7-19W	900	Abandoned during 1958			Lans.-K.C.	3,200	6	
Lone Star ('48)	4-8-17W	900	63,908	552,599	29	Lans.-K.C.	3,228	33	30
Lynd ('51)	32-9-19W	980	49,029	479,289	16	Arbuckle	3,450	14	
Lynd Southwest ('52)	5-10-19W	40	2,760	22,549	1	Arbuckle	3,400		
McClellan ('45)	9-9-19W	40	1,821	72,293	1	Lans.-K.C.	3,259	17	25
McHale ('48)	8-9-18W	600	16,913	496,653	8	Arbuckle	3,382	7	27
Marc ('48)	18-9-19W	80	825	21,365	2	Lans.-K.C.	3,750	2	
Marcotte ('43)	15-10-20W	12,500	184,787	19,119,948	39	Lans.-K.C.	3,759	8	
Mayhew ('51)	24-9-19W	440	1,593,916	118,046	278	Arbuckle	3,436	6	
Medicine Creek ('52)	18-8-16W	80	37,110	31,660	8	Arbuckle	3,752	25	
Mt. Ayr ('52)	13-10-18W	80	1,996	11,507	2	Lans.-K.C.	3,613	17	36
			no report			Lans.-K.C.	3,054	12	
						Penn. cong.	3,554		
							3,648		

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abn- wells 1958	Producing zone		
			during 1958	to end, 1958		Name	Depth, ft.	Thick- ness, ft.
Nettie ('48)	34-9-17W	700	99,063	1,242,459	34	Topeka	3,024	8
						Lans.-K.C.	3,243	36
						Simpson	3,499	
Nettie Southeast ('55)	2-10-17W	80	3,118	9,607	2	Arbuckle	3,513	32
Newlin ('58)	29-9-16W	40	7,797	7,797	1	Lans.-K.C.	3,268	3
Northampton ('48)	26-9-20W	1,960	14,438	4,417,484	2	Lansing	3,305	4
						Lans.-K.C.	3,596	4
						Arbuckle	3,803	11
Nyra ('46)	16-9-17W	480	26,258	266,039	11	Lans.-K.C.	3,429	
						Arbuckle	3,501	
Ordway ('58)	20-10-18W	40	4,277	4,277	1	Lansing	3,604	2
Palco Townsite ('45)	20-9-20W	80	2,407	43,804	2	Arbuckle	3,847	15
Paradise Creek ('47)	21-9-18W	1,100	93,956	2,588,460	34	Lans.-K.C.	3,400	26.5
						Arbuckle	3,576	13
Paradise Creek West ('53)	20-9-18W	200	29,696	223,676	6	Arbuckle	3,594	13
Plainville ('48)	31-9-17W	40	3,034	38,526**	1	Lans.-K.C.	3,477	38
						Arbuckle	3,613	2
Pywell ('58)	31-9-18W	40	4,405	4,405	1	Penn. congl.	3,708	3
Ray Southeast ('42)	9-6-20W		no report	87,180	1	Reagan	3,600	6
Riffe ('51)	4-7-19W	160	11,367	68,174	4	Lans.-K.C.	3,230	36
Stamper ('50)	28-8-17W		Abandoned during 1958			Marmaton	3,394	
Slate ('51)	31-6-19W	120	5,525	45,378	3	Lans.-K.C.	3,291	26
						Arbuckle	3,545	15
Stockton ('37)	35-7-17W	400	16,186	237,040	8	Shawnee	2,692	
						Lans.-K.C.	3,180	62
Sweet ('51)	18-8-18W		Abandoned during 1958			Arbuckle	3,423	
Trico* ('51)	30-10-20W	3,880	388,325	1,793,231	59	Lans.-K.C.	3,543	
						Arbuckle	3,749	18

Vohs ('45)	14-10-19W	940	149,203	2,635,734	25	Lans.-K.C.	3,365	7
Vohs Northwest ('47)	9-10-19W	40	4,869	135,602	1	Lans.-K.C.	3,446	8
						Arbuckle	3,738	34
Vohs South ('47)	23-10-19W		Abandoned during 1958			Lans.-K.C.	3,303	
Webster ('46)	27-8-19W	2,600	110,759	2,968,693	45	Shawnee	3,180	12
						Arbuckle	3,403	5
Westhusin ('36)	11-9-17W	1,400	73,116	2,592,904	35	Lans.-K.C.	3,231	11
					2	Arbuckle	3,408	37
Whisman ('50)	9-9-20W	120	10,276	10,276	3	Lans.-K.C.	3,427	29
						Arbuckle	3,650	21
Williams ('53)	9-10-18W	600	35,682	367,314	9	Toronto	3,386	19
						Lans.-K.C.	3,459	
						Simpson	3,717	
Williams North ('56)	32-9-18W	160	28,863	50,514	4	Arbuckle	3,733	6
						Penn. congl.	3,714	3
						Simpson	3,714	3
Williams Northwest ('53)	6-10-18W	80	3,341	23,249	2	Arbuckle	3,725	3
						Lans.-K.C.	3,409	26
Williams Southeast ('53)	16-10-18W	640	62,224	212,419	11	Simpson	3,725	5
			9,007		2	Lans.-K.C.	3,444	3
			4,841		2	Simpson	3,660	
Windy Ridge ('58)	25-10-18W		no report	none		Arbuckle		
Yohe ('49)	4-9-18W	40	3,133	54,609	1	Lans.-K.C.	3,426	19
Zurich ('35)	26-10-19W	800	26,456	477,659	9	Lans.-K.C.	3,266	24
						Shawnee	3,087	37
Zurich Southwest ('52)	34-10-19W	40	3,078	26,016	1	Lans.-K.C.	3,340	9
Zurich Townsite ('44)	27-9-19W	360	40,521	618,553	9	Lans.-K.C.	3,385	9
						Lans.-K.C.	3,462	28
						Arbuckle	3,647	6
Pools or fields abandoned				136,942				
Total Rooks County		56,500	6,389,441	80,471,282**1,392	32			

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing abso- lute wells 1958	Producing zone		
			during 1958	to end, 1958		Name	Depth, ft.	Thick- ness, ft.	Aver. grav.
RUSH COUNTY								
Herr ('57)	13-16-18W							
Herr North ('58)	12-16-18W	40	373	373	1	1	Lansing	3,424 15
Loretto Northeast ('57)	14-16-17W	80	9,736	14,091	2	2	Arbuckle	3,527 2
McCracken ('57)	19-17-20W	40	11,079	15,001	1	1	Lans.-K.C.	3,452 7
Otis-Albert* ('34)	10-18-16W	3,200	275,198	6,159,600	81	5	Cherokee	4,090 3
Pechanec ('56)	2-19-17W	40	1,283	3,826	1	1	Reagan	3,527 9
Reichel ('53)	23-17-17W	40	60	371	1	1	Arbuckle	3,842 11
Rush Center ('47)	16-18-18W	820	74,089	451,587	9		Lans.-K.C.	3,330
Rush Center Northeast ('54)	10-18-18W	160	3,839	53,162	4		Arbuckle	3,836 15
Ryan* ('45)	35-19-16W	1,800	30,172	2,090,068	33	17	Arbuckle	3,783 5
Timken ('52)	28-18-17W			Abandoned during 1958			Arbuckle	3,656 5
Webs ('54)	16-19-20W	180	74,222	291,830	7		Arbuckle	3,729
Webs Northwest ('55)	8-19-20W	80	10,460	26,073	2		Penn. congl.	4,202 10
Webs Southwest ('56)	16-19-20W	140	48,482	93,957	3		Penn. congl.	4,240
							Cherokee	4,302 2
							"Penn. sand"	
Weitzel ('47)	1-16-20W	40	1,349	46,773	1	1	Mississippian	4,400 4
Pools or fields abandoned				64,316			"Gorham"	3,674
Total Rush County		6,660	540,342	9,311,028	146	27		
RUSSELL COUNTY								
Beaver North* ('37)	4-16-12W	40	2,789	81,153	1	1	Arbuckle	3,316 10
Beisel (revived) ('44)	15-14-12W	80	11,422	30,039	2		Penn. congl.	3,249 4
Boxberger ('35)	36-15-15W	40	2,507	246,413	1	1	Arbuckle	3,272 7
Boxberger West ('57)	34-15-15W	40	8,669	13,346	1	1	Lans.-K.C.	3,147 4
							Lans.-K.C.	3,195 5

Brundage ('57)	9-12-15W	180	25,333	52,262	6	1	Lans.-K.C.	2,852	4
Brundage South ('58)	18-12-15W	80	20,653	4,249	8		Arbuckle	3,136	4
Claussen ('44)	27-12-14W	200	6,204	115,670	5		Lans.-K.C.	3,240	6
Claussen North ('49)	22-12-14W		Abandoned during 1958				Lans.-K.C.	2,855	39
Coal Creek ('51)	22-15-11W	40	4,278	12,648	1		Penn. congl.	2,956	
Davidson* ('30)	4-16-11W	120	4,894	251,260	3		Lans.-K.C.	3,178	
							"Sooy"	3,016	9
							Arbuckle	3,317	
Donovan ('35)	10-15-15W	120	7,507	266,851	3		Lans.-K.C.	3,314	
Driscoll ('56)	30-15-11W	200	9,584	97,177	5		Penn. congl.	3,193	7
Dubuque ('35)	34-15-12W	750	31,681	1,268,365	16	3	Lans.-K.C.	3,303	2
							Arbuckle	3,275	3
Eulert ('49)	35-11-15W	540	49,651	1,096,684	17		Arbuckle	3,330	5
Eulert West ('54)	34-11-15W	40	3,130	25,541	1		Arbuckle	3,316	13
Fairport* ('23)	8-12-15W	6,200	927,474	25,929,793	209	1	Lans.-K.C.	2,984	22
							"Sooy"	2,950	6
							"Gorham"	3,137	42.1
							Simpson	3,211	32
							Arbuckle	3,316	5
							Reagan	3,312	
Gorham ('26)	32-13-15W	17,000	1,498,922	66,636,535	496	12	Shawnee	3,350	
							Lans.-K.C.	2,765	48
							"Gorham"	2,908	37
							Arbuckle	3,152	5
							Reagan	3,289	
							Tarkio	3,299	5
Hall-Gurney* ('31)	30-14-13W	29,000	3,174,995	77,321,634	1,190	14	Wabunsee	1,985	39
							Topeka	2,400	
							Oread	2,675	
							Lans.-K.C.	2,813	
							"Gorham"	2,985	28
								3,165	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone	
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.
Heim ('53)	21-14-12W	320	40,197	208,195	7	Arbuckle Precambrian Lans.-K.C. Penn. congl. Arbuckle	3,192 3,156 2,897 3,189 3,238	37 37 11
Janne ('43)	24-15-12W	320	12,357	311,761	8	Lans.-K.C. Arbuckle	3,319	5
Jerry ('42)	4-15-14W	40	2,607	72,472	1	Wabaunsee Lans.-K.C. Arbuckle	2,985	
Kune ('56)	17-13-15W	120	18,266	30,874	3	Lans.-K.C. Arbuckle	3,004-09 3,334	15 16
Lang ('57)	30-15-12W	40	no report	none	1	Lansing	2,994	5
Machin ('58)	4-13-14W	200	4,188	4,188	5	Arbuckle	3,325	6
Meier ('48)	30-15-12W	200	38,154	253,834	5	Lans.-K.C.	3,240	
Ney ('48)	31-15-12W	200	38,552	380,398	5	Arbuckle	3,350	6
Nuss* ('55)	5-16-14W	200	29,678	89,327	5	Lans.-K.C.	3,183	
Parker ('48)	18-15-12W	340	15,290	381,956	6	Shawnee Lans.-K.C. Arbuckle	2,957 3,086 3,259	7 16
Reich ('58)	28-12-15W	160	9,873	9,873	4	Toronto Lans.-K.C. Arbuckle	2,939 3,018	4 3
Russell ('34)	22-13-14W	4,900	409,727	13,940,769	123	Lans.-K.C. Arbuckle	3,195 3,280	9 6
Russell East ('49)	25-13-14W	40	2,868	42,808	1	Arbuckle	3,273	11
S & S ('57)	36-12-15W	420	75,349	149,248	10	Lans.-K.C. Arbuckle	3,139	33 9

Strecker ('43)	21-15-14W	80	1,598	62,399	2	Arbuckle	3,342	3
Trapp* ('36)	23-15-14W	24,000	2,467,906	107,831,324	793	Tarkio	2,359	32
						Shawnee	2,889	
						"Dodge"	2,966	
						Lans.-K.C.	3,062	
						Arbuckle	3,252	3
								39
Pools or fields abandoned								
Total Russell County		86,050	9,005,985	297,532,091	2,946			69
				313,047				
SALINE COUNTY								
Bachofer ('51)	15-15-2W	160	11,787	86,986	4	Mississippian	2,799	6
Gypsum Creek* ('44)	4-17-1W	680	76,162	686,535**	19	Lans.-K.C.	2,072	8
						Mississippian	2,619	14
						Douglas	1,841	36
Hunter ('43)	20-16-1W	780	35,899	1,343,252	18	"Chat"	2,681	2
						Mississippian	2,674	21
Hunter North ('48)	8-16-1W	400	20,313	315,050	10	Viola	3,381	36
Lindsborg* ('38)	8-17-3W	2,200	142,044	1,258,067	56	Viola	3,258	35
Mentor ('44)	13-15-3W	120	2,880	51,979	3	Mississippian	2,639	15
Mortimer ('58)	5-16-1W	40	1,755	1,755	1	Viola	3,303	14
Olsson ('29)	10-16-3W	780	29,870	642,113	14	Viola	3,223	12
Salina ('43)	30-14-2W	1,480	36,655	1,135,207	20	Viola	3,226	8
Salina South ('46)	32-14-2W	580	30,365	256,419	12	Viola	3,386	34
Smolan ('50)	19-15-3W	3,400	184,541	4,123,301	108	Viola	3,353	6
Swenson ('50)	34-15-3W	120	3,029	44,953	3	Viola		37.2
Pools or fields abandoned				11,285				
Total Saline County		10,740	575,300	9,956,902**	268			10
SCOTT COUNTY								
Grigston ('54)	10-19-31W	120	no runs	32,803	3	Mississippian	4,577	
						Arbuckle	5,050	4

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing abst., wells	Name	Producing zone	
		Area, acres	during 1958 to end, 1958			Depth, ft.	Aver. thick- ness, ft. grav.
Keystone ('50)	25-18-32W	120	15,990	3	Lans.-K.C.	4,001	6
Rothfelder ('57)	7-20-33W	80	9,993	2	Morrowan	4,672	23
Shallow Water ('35)	15-20-33W	900	13,077	7	Marmaton	4,286	25,38
					Mississippian	4,680	
					Ste. Genevieve	4,670	16
Total Scott County		1,220	39,060	15			
SEDGWICK COUNTY							
Bartholomew* ('48)	30-27-4W	2,000	120,918	66	Kansas City	3,270	10
			Includes Kingman County		Mississippian	3,732	25
Bentley ('29)	24-25-2W	40	852	1	Kansas City	2,866	24
Brumley ('55)	19-29-1E	480	25,260	8	Lans.-K.C.	2,863	2
					Mississippian	3,352	8
					Simpson	3,754	1
Butwick* ('49)	7-26-3E		Abandoned during 1958		Mississippian	3,860	
Buzzi ('58)	32-25-1E	40	2,975	1	"Hunton"	3,436	1
Chambers ('48)	10-29-2W	160	9,765	4	Mississippian	3,540	4
Chambers Northeast ('56)	2-29-2W	200	33,957	5	Mississippian	3,570	5
Clearwater ('44)	22-29-2W	200	16,189	5	Lans.-K.C.	2,913	11
Cottage ('53)	19-25-2E		Abandoned during 1958		"Burgess"	3,004	
Crestview ('52)	1-27-1E		Abandoned during 1958		"Burgess"	2,982	
Cross ('29)	27-25-1W	40	716	1	Lans.-K.C.	2,690	36
			6,015	1	"Hunton"	3,574	5
Curry ('47)	11-27-1W	520	43,326	17	Lans.-K.C.	2,715	
					Viola	3,400	
DuBois* ('57)	3-25-2E	640	143,115	26	"Burgess"	3,830	8
Eastborough ('29)	19-27-2E	950	39,144	18	"Chat"	2,956	
			9,149,258		Viola	3,238	

Eastborough North ('52)	8-27-2E	80	2,387	37,248	2	Arbuckle	3,376	25	44
Fairview ('48)	8-26-2E	200	10,889	397,237	5	Lans.-K.C.	2,500	2	
						"Burgess"	2,960	4	
						Mississippian	2,991	4	
Fairview North ('48)	5-26-2E	40	5,826	149,730	1	"Burgess"	2,971		
			Abandoned during 1958						
Fairview South ('50)	17-26-2E					"Burgess"	2,945		
Furley ('58)	10-25-2E	80	5,244	5,244	2	"Burgess"	2,857	13	40
Gehring-Rick ('52)	16-28-2E	80	2,679	20,170	2	Mississippian	2,950	40	
Glady's ('54)	30-28-1E	37,200	13,737	6,329,569	4	Lans.-K.C.	2,773	9	40
			1,624,323		225	Mississippian	3,176		
Glady's South ('55)	5-29-1E	40	no runs	10,131	1	Mississippian	3,194	16	
Glady's Southeast ('55)	4-29-1E	80	1,822	15,179	2	Mississippian	3,150	15	
Glady's Southwest ('56)	7-29-1E	40	642	4,991	1	Kansas City	2,828	1	
Goodrich ('28)	16-25-1E	880	84,082	5,102,857	25	Lans.-K.C.	2,614	2	
						"Chat"	3,010	16	
Greenwich ('29)	14-26-2E	1,800	319,608	12,488,237	54	"Kinderhook"	3,334	3	
						Arbuckle	3,339	3	
						"Chat"	2,885	5	
						Viola	3,321		
Greenwich Northeast ('56)	1-26-2E		Combined with Greenwich						
Hinkle ('46)	1-27-1E		Abandoned during 1958			"Burgess"	2,980		
Hohn ('45)	22-27-1W	80	3,019	145,792	2	Lans.-K.C.	2,779	5	
Kechi ('29)	13-26-1E		no report	34,321	1	"Burgess"	3,009	2	
Kuske ('29)	24-25-1E	820	61,635	930,011	23	"Burgess"	3,016	1	41
Latta North ('56)	33-29-2W	40	3,874	12,734	1	Lans.-K.C.	3,117	5	
Luening ('51)	33-26-2E	80	2,392	21,754	2	Simpson	3,338	8	37
Minneha ('51)	11-27-2E	160	3,416	68,801	4	Arbuckle	3,247	4	34
Minneha Northwest ('51)	10-27-2E		Abandoned during 1958			Simpson	3,300		
Neuman ('57)	11-25-2E	160	15,795	20,822	4	"Burgess"	2,785	5	
			2,109		2	Mississippian	2,784	2	

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone	
		Area, acres	during 1958			Depth, ft.	Thick- ness, ft.
			to end, 1958				Aver. grav.
Petrie ('45)	36-26-1W	40	9,750	1	Viola	3,387	1
Petrie Northwest ('51)	35-26-1W	40	no runs	1	Viola	3,445	2
Prairie Creek ('52)	25-25-2E		Abandoned during 1958		Mississippian	2,812	
Robbins ('29)	20-28-1E	860	186,995	46	Mississippian	3,090	12
Schulte ('47)	7-28-1W	40	3,046	1	Mississippian	3,349	45
					Simpson	3,658	
Schulte South ('55)	18-28-1W	40	639	1	Mississippian	3,390	11
Valley Center ('28)	1-26-1W	1,000	50,298	20	Lans.-K.C.	2,860	
					"Kinderhook"	3,380	
White Cotton ('48)	30-26-2E	540	16,497	11	Viola	3,366	2
Wichita ('57)	4-27-1E	1,100	342,727	42	"Burgess"	2,957	2
			14,769	3	Viola	3,325	4
			Combined with Wichita		Simpson		
Wichita Northeast ('57)	34-26-1E		54,872				
Pools or fields abandoned							
Total Sedgwick County		50,790	3,230,432	641			
				28			
SEWARD COUNTY							
Hawks ('52)	18-35-31W		no report		Morrowan	5,927	
Holt ('54)	28-32-34W	40	284	1	Shawnee	5,095	
Kismet ('48)	23-33-31W		no report		Marmaton	5,584	
Kismet Northwest ('53)	10-33-31W	40	no runs	1	Morrowan	5,770	90
Kismet South ('52)	26-33-31W	40	5,138	1	Mississippian	5,332	14
Kneeland ('51)	23-34-31W	40	1,140	1	Marmaton	5,103	40.16
Liberal-Light ('51)	11-35-32W	1,800	10,129	11	Lans.-K.C.	6,005	
			226,557		Morrowan		

Liberal Southeast ('47)	15-35-33W	160	4,432	96,914	4	Morrowan	6,202	
Massoni ('58)	4-33-31W	120	2,844	2,844	3	Marmaton	5,031	10
Plains West ('56)	16-32-31W	40	1,397	1,397	1	Morrowan	5,600	14
Shuck ('55)	20-33-34W	40	no runs	1,187	1	Morrowan	5,987	
Thirty-One ('53)	18-31-31W	40	155	2,157	1	Morrowan	5,448	
Three Star ('58)	17-35-32W		no report	none		Lans.-K.C.	4,546	
						Morrowan	5,866	
Wide Awake ('54)	4-35-34W	40	145	145	1	Chester	6,089	
Total Seward County		2,400	25,664	393,788	26	Toronto		
					1	Mississippian		
SHERIDAN COUNTY								
Adell ('44)	11-6-27W	1,940	337,927	4,452,185	50	Lans.-K.C.	3,755	4
Advance ('56)	26-8-27W	160	11,904	49,614	3	Lans.-K.C.	3,883	9
Custer ('55)	12-10-26W	100	12,356	37,304	3	Lans.-K.C.	4,024	5
George ('52)	17-9-26W	40	8,524	56,888	1	Lans.-K.C.	4,023	11
George SW ('58)	18-9-26W		no report	none		Lansing	3,860	10
Hortonville ('53)	20-6-26W	120	8,109	59,934	3	Lans.-K.C.	3,789	23
Hoxie ('56)	6-9-28W	160	18,285	32,392	4	Toronto	3,810	6
			1,361		1	Lansing	3,901	3
Moss ('52)	2-8-30W		Abandoned during 1958			Lans.-K.C.	4,033	4
Studley ('43)	23-8-26W	300	9,640	459,993	6	Lans.-K.C.	3,810	9
Studley Southeast ('55)	26-8-26W	80	3,432	22,610	2	Lans.-K.C.	3,872	8
Studley Southwest ('45)	32-8-26W	80	5,818	110,620	2	Lans.-K.C.	3,758	26
Wessel ('53)	27-6-29W	180	7,167	115,562	4	Lans.-K.C.	3,985	4
Wessel North ('53)	16-6-29W	180	4,283	43,584	5	Lans.-K.C.	4,081	4
Pools or fields abandoned				954				
Total Sheridan County		3,340	428,806	5,441,640	84			5

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone			
			during 1958	to end, 1958		Name	Depth, ft.	Thick- ness, ft.	Aver. grav.
SHERMAN COUNTY									
Llanos ('58)	10-6-37W	160	7,822	23,915	3	Kansas City	4,439	12	
			4,773		2	Marmaton	4,504	5	
			11,320		1	Cherokee	4,804	8	
STAFFORD COUNTY									
Ahnert ('41)	26-22-13W		Abandoned during 1958						
Albano ('57)	12-25-14W	80	19,711	31,891	2	1	Arbuckle Lans.-K.C. Mississippian Arbuckle	3,784 3,812 4,270	4 6 10
Bart-Staff* ('51)	4-21-14W	120	17,210	248,840	3		Lans.-K.C. Arbuckle	3,572 3,543	40 4
Bayer ('51)	16-21-14W	640	9,899	317,725	1	1	Lans.-K.C. Viola	3,702 3,736	10 13
			5,357		2		Simpson	3,778	
			73,778		8		Arbuckle		
Bedford ('40)	21-23-12W	580	23,109	1,792,531	10		Simpson	3,832	16
							Arbuckle	3,859	9
Besthorn ('56)	9-22-13W		no report	none			Lansing	3,574	8
Brenn ('54)	19-23-13W	580	53,810	247,745	10		Lans.-K.C.	3,651	6
Brock ('44)	12-23-12W	180	6,621	437,146	4	5	Lans.-K.C. Arbuckle	3,366 3,680	14 4
Byron East ('54)	3-21-12W		no report	none			Arbuckle	3,478	5
Byron Southeast ('51)	10-21-12W	160	3,148	56,224	4		Arbuckle	3,500	3
Centerview ('54)	28-24-13W	400	19,657	163,240	4		Lans.-K.C. Arbuckle	3,834 4,188	6 5
			70,210		8				

Cephas ('53)	10-25-14W	320	10,271	316,484	11	Lans.-K.C.	3,701	5
Cephas North ('54)	35-24-14W	80	3,154	32,895	2	Viola	4,114	8
Chase-Silica* ('31)	32-19-9W	640	37,010	506,703	16	Lans.-K.C.	3,794	9
Clarksburg ('55)	36-22-13W	40	no runs	12,373	1	Arbuckle	3,383	35
Cleveland ('53)	21-23-14W	80	2,954	34,359	2	Lans.-K.C.	3,576	40
Cline ('58)	25-24-13W	40	5,144	5,144	1	Lans.-K.C.	3,690	6
Cochlin ('51)	19-22-11W	440	Abandoned during 1958		1	Lans.-K.C.	3,594	7
Crissman ('52)	16-23-14W	440	16,485	258,165	11	Arbuckle	3,659	3
						Lans.-K.C.	3,664	4
						Simpson	3,984	34.5
						Arbuckle	4,006	16
Crissman North ('52)	9-23-14W		Abandoned during 1958			Lans.-K.C.	3,669	6
Curtis ('42)	6-22-13W	780	73,226	1,385,145	25	Lans.-K.C.	3,514	8
						Arbuckle	3,693	7
Dell ('50)	7-21-13W	140	3,857	115,239	3	Lans.-K.C.	3,446	13
Dell East ('51)	5-21-13W	320	39,251	573,530	14	Lans.-K.C.	3,471	30
						Arbuckle	3,471	8
Dell Northeast ('51)	5-21-13W	80	2,060	28,439	2	Lans.-K.C.	3,438	36
						Arbuckle	3,612	3
Dillwin ('56)	16-24-14W	780	216,986	497,055	19	Arbuckle	4,295	6
Drach ('37)	12-22-13W	1,400	197,060	6,665,111	41	Simpson	3,642	5
						Arbuckle	3,690	12
Duggan ('51)	30-21-11W	180	10,011	184,687	3	Lans.-K.C.	3,312	6
						Penn. congl.	3,479	40.6
						Simpson	3,505	6
						Arbuckle	3,514	8
Emerson ('57)	29-25-14W	120	6,812	14,272	3	Lans.-K.C.	3,905	10
Farmington ('43)	34-24-15W	440	19,951	1,216,579	11	Lans.-K.C.	3,769	10
						"Kinderhook"		
						Simpson	4,378	6
						Arbuckle	4,417	16

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		Aver. grav.
		Area, acres	during 1958 to end, 1958		Name	Depth, Thick- ness, ft.	
Farmington Northeast ('55)	26-24-15W	80	7,636 50,633**	2	Arbuckle	4,416 12	
Farmington Northwest ('56)	29-24-15W	120	44,216 63,196	3	Lans.-K.C. "Kinderhook"	3,904 8 4,272 10	
Frey ('50)	7-21-14W	440	51,610 845,970	10	Arbuckle	3,717 7	40
Gates ('33)	27-21-13W	6,400	842,651 10,374,078	160	Lans.-K.C. Penn. congl. Viola	3,530 38.7 3,643 3,635	
Glasscock ('58)	32-24-13W		Abandoned during 1958		Arbuckle	3,679 37	39
Glen ('54)	14-23-14W	40	3,724 26,529	1	Arbuckle	4,233 3	
Gray ('46)	11-24-13W	80	2,242 57,841	2	Lans.-K.C.	3,651 6	
Green Ridge ('53)	30-23-14W	40	3,165 20,339	1	Lans.-K.C.	3,672 30	
Green Valley ('53)	2-23-14W	40	1,692 25,706	1	Lans.-K.C.	3,788 22	31
Grow ('49)	16-21-13W	400	39,708 502,467	10	Lans.-K.C.	3,640 10	40
					Lans.-K.C.	3,463 7	35
H A H ('58)	17-24-13W	40	6,060	1	Arbuckle	3,705	
Hahn East ('57)	22-22-13W	40	3,586 6,558	1	Lans.-K.C.	3,658 8	
Hammond ('57)	9-25-14W	160	37,140 50,730	4	Arbuckle	3,828 5	
Happy Valley ('52)	15-23-13W	40	9,529 32,521	1	Lans.-K.C.	3,924 15	
					Lans.-K.C.	3,430 60	
Happy Valley Northeast ('55)	11-23-13W	180	10,306 52,478**	4	Arbuckle	3,810 9	35
Harter ('50)	30-24-13W	160	6,181 101,002	4	Arbuckle	3,857 10	
					Lans.-K.C. Simpson	3,767 4,167	39.6
Harter North ('56)	19-24-13W	80	6,984 29,743	2	Arbuckle	4,181	
Hazel ('42)	21-21-13W	640	44,222 974,854	22	Lans.-K.C. Lans.-K.C. Arbuckle	3,785 5 3,380 3,692	

Hazel West ('50)	20-21-13W	640	11,632	1,228,207	2	Lans.-K.C.	3,488	6
Helene ('52)	16-22-12W		89,511	Abandoned during 1958	20	Arbuckle	3,673	5
Heyen ('43)	24-22-12W	440	56,880	787,230	13	Lans.-K.C.	3,685	10
Heyen East ('56)	13-22-12W		no report	none		Arbuckle	3,321	12
Hickman ('51)	27-21-14W	640	59,372	972,133	21	Lans.-K.C.	3,652	2
Hickman South ('52)	34-21-14W	40	1,943	44,281	1	Simpson	3,633	2
Hufford ('48)	33-21-13W	480	59,535	1,081,532	17	Lans.-K.C.	3,522	10
Jordan ('36)	15-25-14W	440	37,396	1,045,942	11	Arbuckle	3,567	8
Kachelman ('50)	7-25-13W	120	12,152	56,440	3	Lans.-K.C.	3,499	37
Keenan ('57)	20-22-13W	40	8,360	9,308	1	Viola	3,755	7
Kenilworth ('47)	15-22-13W	400	24,871	538,739	10	Arbuckle	3,722	5
Kipps ('37)	27-25-14W	200	8,892	696,456**	5	Lans.-K.C.	3,946	
Kipp North ('54)	23-25-14W	80	14,254	59,922	2	Arbuckle	4,075	
Kipp Northeast ('46)	23-25-14W	120	10,631	268,097	3	Arbuckle	4,294	
Kipp Southwest ('57)	28-25-14W	40	9,735	19,720**	1	Lans.-K.C.	3,572	6
Knoche South ('57)	17-24-12W	80	15,252	18,083	2	Lans.-K.C.	3,505	34
Koelsch ('52)	24-24-14W	360	34,310	306,113	9	Arbuckle	3,808	79
Koelsch Southeast ('52)	25-24-14W	360	9,855	489,771	11	Lans.-K.C.	3,827	6
Kowalsky* ('41)	32-20-11W	240	51,841	217,694	6	Simpson	4,243	10
Kowalsky Southwest ('50)	6-21-11W	360	21,870	252,730	9	Lans.-K.C.	3,748	32
Krankenbergs ('56)	19-22-12W	40	648	6,158	1	Lans.-K.C.	3,844	32.2
					1	Viola	3,850	8
					2	Lans.-K.C.	3,872	5
					9	Lans.-K.C.	3,750	35
					11	Simpson	4,181	41
					6	Arbuckle	4,187	50
					9	Lans.-K.C.	3,279	23
					1	Simpson	3,398	
					1	Arbuckle	3,424	
					1	Simpson	3,711	5

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone		Aver. grav.
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.	
Leesburgh ('38)	12-25-13W	740	78,928	2,727,054	16	Lans.-K.C. Simpson Arbuckle	3,837 4,060 4,153	30 24 10	
Leiss ('56)	23-25-13W	80	11,712	37,716	2	Simpson	4,215	7	
Leo ('50)	7-21-13W	120	5,079	96,539	3	Lans.-K.C. Arbuckle	3,475 3,636	4	
Lincoln ('51)	29-21-14W	160	14,752	219,897	4	Lans.-K.C.	3,543	8	
McCandless ('44)	30-25-13W	520	46,859	1,175,844	10	Lans.-K.C. Simpson	3,863 4,251	16	
McGinty Northwest ('51)	14-21-14W	40	1,248	33,444	1	Lans.-K.C.	3,483	5	37
Macksville East ('54)	14-24-15W	80	6,693	49,847	2	Viola	4,126	20	35.9
Max ('38)	35-21-12W	5,080	351,102	7,842,334	91	Lans.-K.C. Simpson Arbuckle	3,356 3,615 3,570	16 2 7	
Merle ('49)	32-23-13W	380	5,096	332,289	9	Lans.-K.C.	3,669	10	34
Moody ('56)	7-25-14W	360	44,417	85,559	9	Mississippian	4,168	14	
Mopac ('54)	30-24-11W	200	36,246	140,846	7	Viola	3,908	5	
Morning Star ('58)	1-25-14W	140	23,217	25,173	3	Mississippian	4,025	18	
Mt. View ('52)	29-22-13W	120	1,956	97,021	1	Arbuckle		8	36
Mueller ('38)	29-21-12W	4,640	388,044	7,495,443	95	Lans.-K.C. Arbuckle Lans.-K.C.	3,641 3,858 3,356	8 8 8	
Nagel ('58)	10-24-15W	40	839	839	1	Arbuckle	3,594	6	40
Neola ('48)	15-25-11W	80	2,806	38,987	2	Lans.-K.C.	3,735	4	36
Newell ('53)	7-25-11W	160	13,898	69,483	3	Viola Lans.-K.C. Viola	3,921 3,537 3,913	3 3 3	

North Star ('52)	27-24-12W	560	18,644	341,565	7	Viola	3,915	16	40
O'Connor ('48)	8-24-15W	40	329	29,454	1	Simpson	4,063	9	
Omlor ('57)	10-22-14W	80	14,839	15,765	2	Lans.-K.C.	3,768	11	29
Oscar ('49)	24-22-14W	200	7,107	200,405	5	Lans.-K.C.	3,550	9	
						Lans.-K.C.	3,503		35
						Viola	3,777	7	
Oscar North ('51)	14-22-14W	440	84,480	677,868	12	Arbuckle	3,798	9	
Oscar South ('53)	26-22-14W	520	15,169	164,726	9	Arbuckle	3,780	3	35
						Lans.-K.C.	3,580		
						Arbuckle	3,817	2	
Oscar West ('52)	22-22-14W	900	25,982	812,580	23	Lans.-K.C.	3,593	8	35
Pleasant Grove ('52)	26-22-12W	280	8,090	156,874	6	Lans.-K.C.	3,462	8	37
Prairie Home South ('53)	11-21-13W	40	1,331	23,114	1	Lans.-K.C.	3,395	3	35.9
Pritchard* ('44)	34-20-14W	320	48,979	314,180	8	Lans.-K.C.	3,483		
						Arbuckle	3,579	4	
Pundsack ('47)	19-21-13W	1,700	153,733	1,708,075	39	Lans.-K.C.	3,575	8	
					2	Arbuckle	3,735	8	
Pundsack North ('50)	18-21-13W	80	19,872	137,968	2	Lans.-K.C.	3,494	8	
						Arbuckle	3,674	7	
Radium Townsite ('53)	5-22-14W	640	9,046	420,312	1	Lans.-K.C.	3,584	6	
			27,096		3	Viola	3,754	12	
			1,858		1	Simpson	3,820	6	
			93,063		10	Arbuckle	3,852	20	28.4
Radke ('53)	25-23-14W	40	1,823	17,326	1	Lans.-K.C.	3,688	12	
Radke East ('54)	24-23-14W	40	2,004	14,207	1	Lans.-K.C.	3,676	4	28
Rattlesnake ('38)	13-24-14W	120	4,328	219,782	3	Lans.-K.C.	3,608	48	
Rattlesnake East ('56)	7-24-13W	200	29,846	100,121	5	Lans.-K.C.	3,694	6	
						Mississippian	3,880	4	
Rattlesnake Southeast ('54)	13-24-14W	80	5,293	65,583	2	Lans.-K.C.	3,758	6	
Rattlesnake Southwest ('50)	14-24-14W	40	9,286	112,270	1	Lans.-K.C.	3,760		35.4

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Name	Producing zone	
			during 1958	to end, 1958			Depth, ft.	Thick- ness, ft.
Rattlesnake West ('44)	11-24-14W	120	7,466	183,280	3	1	Lans.-K.C.	3,759
							Mississippian	4,025
Richardson ('30)	36-22-12W	1,600	308,937	14,165,156	65	1	Lans.-K.C.	3,264
							Arbuckle	3,537
Richland ('44)	27-24-14W		Abandoned during 1958				Mississippian	4,032
							Arbuckle	4,232
Riley ('40)	28-23-11W		no report	147,193		1	Lans.-K.C.	3,323
Rose Valley ('52)	36-25-13W	80	2,792	42,405	2		Lans.-K.C.	3,824
							Viola	4,137
Rothgarn ('43)	10-21-13W	520	18,103	378,426	8		Lans.-K.C.	3,369
							Arbuckle	3,569
Rothgarn Southeast ('50)	14-21-13W	160	16,571	236,118	4		Lans.-K.C.	3,378
							Arbuckle	3,544
St. John ('35)	23-24-13W	840	47,628	2,826,235	15		Lans.-K.C.	3,588
							Arbuckle	4,075
St. John North ('52)	20-23-13W	40	862	26,141	1		Lans.-K.C.	3,603
St. John Northwest ('52)	20-23-13W	200	13,553	100,270	5		Lans.-K.C.	3,644
							Arbuckle	3,956
St. John Townsite ('44)	33-23-13W	280	8,539	459,642	6		Lans.-K.C.	5
							Arbuckle	3,919
Sandago ('47)	12-21-12W	200	5,394	175,102	5	2	Arbuckle	3,480
Sand Hills ('44)	19-21-11W	80	2,458	77,924	2		Simpson	3,481
							Arbuckle	3,548
Saterlee ('54)	31-24-14W	120					Penn. congl.	4,166
			19,581	61,035	3		Mississippian	4,172
			20,473		3		Arbuckle	4,385

Saundra ('46)	14-21-12W	740	19,056	343,647	10	1	Lans.-K.C. Arbuckle	3,282	18
Seevers ('54)	6-25-13W	120	25,383	80,845	3		Lans.-K.C.	3,546	49
Seevers Northwest ('56)	6-25-13W	620	167,590	249,844	16		Lans.-K.C. Mississippian Arbuckle	3,893 3,826 4,042	3 8
Shaeffer ('41)	3-21-13W	720	124,356	827,263	18	2	Lans.-K.C. Penn. congl. Simpson Arbuckle	4,192 3,404 3,519 3,536	4
Shepherd ('51)	16-22-11W	300	16,737	331,231	7		Arbuckle	3,546	4
Shepherd North ('54)	9-22-11W	40	7,220	58,446	1		Arbuckle	3,548	35
							Lans.-K.C.	3,297	5
Shepherd Northwest ('56)	8-22-11W	80	8,524	22,226	2		Penn. congl. Simpson	3,446 3,528	8
Shepherd South ('53)	21-22-11W	80	2,045	33,348	2		Arbuckle	3,516	12
Silver Bell ('49)	10-22-13W	120	29,211	149,524	3	1	Arbuckle	3,602	11
							Lans.-K.C.	3,498	30
Sittner ('37)	33-21-12W	480	23,067	805,705	12		Arbuckle	3,774	11
Smallwood ('51)	2-22-14W	840	55,817	908,491	19		Lans.-K.C. Arbuckle	3,278 3,600	36
							Arbuckle	3,474	9
Snider ('36)	3-21-11W	80	26,224	564,095	2		Lans.-K.C.	3,576	32
Snider South ('38)	16-21-11W	500	65,661	1,677,111	9		Arbuckle	29	11
			9,737		1		Simpson	3,362	26
Spangenberg ('43)	21-22-12W	no report		84,508			Simpson	3,402	6
Stafford ('40)	15-24-12W	1,000	20,089	3,686,869	12	3	Arbuckle		
							Viola	3,691	6
Strobel ('52)	9-22-14W	240	11,653	106,753	6		Arbuckle	3,836	14
							Lans.-K.C.	3,945	10
							Simpson	3,659	4
							Arbuckle	3,864	8

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		Aver. Depth, ft.	Thick- ness, ft.	grav.
			during 1958	to end. 1958		Name	Depth, ft.			
Strobel Northwest ('52)	8-22-14W	80	2,984	42,932	2	Simpson	3,852	2		
Sutton ('54)	21-22-14W	80	10,333	41,295	2	Arbuckle	3,874			
Syms East ('47)	21-21-12W		Abandoned during 1958			Lans.-K.C.	3,638	3	34	
Syms Southeast ('52)	27-21-12W	40	6,682	70,228	1	Arbuckle	3,565	10	37	
Taylor ('52)	15-21-14W	180	22,847	63,553	4	Arbuckle	3,565	5		
						Lans.-K.C.	3,482	5		
						Simpson	3,688	4	36	
						Viola	3,690	10		
Taylor Northeast ('57)	11-21-14W	80	3,039	7,052	2	Lans.-K.C.	3,462	6		
Taylorville ('53)	29-25-12W	40	1,352	26,805	1	Viola	4,006	15	37	
Van Lieu ('43)	20-24-13W		Abandoned during 1958			Arbuckle	4,069	11		
Van Winkle Southeast ('50)	26-21-14W	80	7,036	90,917	2	Lans.-K.C.	3,569	8		
Waters ('58)	33-24-14W	40	2,203	2,203	1	"Kinderhook"	4,153	4		
Wendelburg ('51)	19-23-11W		no report	19,381	1	Arbuckle	3,729	4	37	
White Cloud ('56)	28-22-11W	80	3,833	29,730	2	Simpson	3,575	5		
Widener ('54)	26-21-12W	240	18,522	131,304	6	Arbuckle	3,636	2		
Wil* ('57)	26-25-16W	80	11,251	11,251	2	Arbuckle	3,574	7	41	
Wil Southeast ('58)	31-25-15W		Combined with Wil			"Kinderhook"	4,324			
Zenith-Peace Creek* ('37)	23-24-11W	6,400	406,221	39,947,005	120	Lans.-K.C.	3,481			
						Viola	3,860			
Pools or fields abandoned				861,620						
Total Stafford County		59,600	5,887,005	132,617,382**1,402	46					
Sparks ('54)	34-30-42W	220	9,960	16,299	5	Morrowan	5,254			
STANTON COUNTY										

		SUMNER COUNTY			
		700	160,403	517,903**	27
Anson ('48)	35-30-2W	120	21,546	21,546	3
Anson Southeast ('58)	12-31-2W	160	4,428	42,492	4
Ashton ('54)	19-34-2E	80	7,273	7,273	2
Badger Creek ('58)	1-34-1E	80	1,585	17,723	2
Beattie ('56)	21-31-2W	80	6,671	326,731	2
Bellman ('45)	15-30-1E	80	12,174	18,493	2
Bellman West ('57)	16-30-1E	350	43,370	246,698	10
Bitter Creek ('53)	1-35-1E	160	19,309	1,657,372	4
Caldwell ('29)	17-35-3W	40	2,067	60,863	1
Caldwell Northwest ('52)	8-35-3W		Abandoned during 1958		
Chicaskia ('54)	5-33-3W	1,110	50,530	19,913,308	23
Churchill ('26)	25-31-2E		no report	37,286	
Corbin ('48)	23-34-2W	40	1,041	1,041	1
Crowe ('58)	10-35-1W	800	204,359	2,337,841	24
Fall Creek ('50)	3-35-3W	120	14,579	82,477	3
Gerberding ('54)	6-34-4W	540	77,113	1,494,179	10
Guelph ('51)	6-35-1E		128,388		13
			9,272		1
		40	3,422	3,422	1
Horsch ('58)	4-31-1W	600	150,573	396,332	18
Kerschen ('55)	17-31-3W		1,429		1
Latta ('27)	9-30-2W	540	53,524	1,516,316	12

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Oil production, bbl.			Pro- ducing abn. wells 1958	Producing zone		
		Area, acres	during 1958	to end, 1958		Name	Depth, ft.	Aver. Thick- ness, ft. grav.
Latta Northwest ('56)	5-30-2W	200	21,668	38,222	5	Kansas City	3,172	4
Lee ('51)	33-32-2E	160	7,449	109,000	4	Mississippian	3,349	8
McIlhenny ('58)	1-31-4W	40	837	837	1	Kansas City	3,575	3
Margaret ('46)	36-32-2E		no report	108,423		Arbuckle	3,474	5
Markley ('58)	22-30-1E	80	741	741	2	Simpson	3,809	5
Mayfield ('57)	19-32-2W	120	10,909	18,545	3	Simpson	4,278	5
Meek ('56)	10-35-1E	40	2,968	2,968	1	"Cleveland"	3,228	18
			Abandoned during 1958					
Metz ('51)	7-32-2E	40	155	56,080	1	Simpson	3,735	6
						Arbuckle	3,773	4
Moyer ('58)	12-31-3W	40	2,528	2,528	1	Kansas City	3,344	2
Murphy* ('33)	7-35-3E	4,280	492,204	4,620,639	219	"Layton"	2,908	
					3	"Bartlesville"	3,472	10
Norris ('55)	3-34-2E	40	1,924	10,693	1	"Layton"	2,785	3
O'Hara ('55)	18-32-1W	440	86,388	156,613	13	Lans.-K.C.	3,256	8
Oxford ('27)	14-32-2E	800	71,441	16,630,320	24	"Hoover"	1,930	
					1	"Stalnaker"	2,020	16
						"Layton"	2,510	20
Oxford West ('26)	17-32-2E	320	22,992	852,699	8	Arbuckle	2,890	5
					1	Simpson	3,681	
						Arbuckle	31	
Padgett ('25)	12-34-2E	5,400	119,791	3,199,500	70	"Cleveland"	3,095	
					3	Marmaton	3,187	8
						"Bartlesville"	3,424	
						Mississippian	3,474	16
						Simpson	3,744	

Padgett West ('54)	21-34-2E	40	no runs	9,584	1	2	"Layton" Mississippian	2,829	8	34
Perth ('45)	12-33-2W	500	53,001	1,138,095	8		Simpson	3,519	14	41
Portland ('50)	16-34-1E	340	37,198	579,680	4		"Layton" Simpson	4,264		
			45,298		5		Simpson	3,030	4	
Portland South ('56)	28-34-1E	80	5,415	17,561	2		"Layton" Simpson	4,002		
Priddy ('57)	35-33-1W	180	19,423	24,328	5		Simpson	3,040	3	
Rainbow Bend* ('25)	24-33-2E		no report	453,000			Arbuckle	4,332		
Rutter ('26)	21-33-2E	420	33,087	204,322	13		"Bartlesville" Mississippian	3,268	10	
							Arbuckle	3,283		
Rutter Southwest ('57)	29-33-2E	160	31,858	33,645	5		Simpson	3,413	10	
							Arbuckle	3,551	5	
Seydell ('58)	17-30-1E	340	52,973	52,973	11		Simpson	3,544	9	
Slate Creek ('52)	9-33-2E	40	3,897	42,663	1		Arbuckle	3,826	10	
Slick-Carson* ('24)	19-32-3E		See Cowley County				Simpson	2,804	12	
South Haven ('54)	2-35-1W	240	62,277	256,292	6		Lans.-K.C. "Bartlesville"	3,124		37
State Line ('53)	14-35-2E		Combined with Murphy				Simpson	4,189	5	
Subera ('57)	22-34-3W	340	104,839	137,393	8		Simpson	4,740	4	
Tate ('50)	31-32-2E		Abandoned during 1958				Simpson	3,726	27	
Val Verde ('45)	23-33-2E	40	371	8,895	1		"Bartlesville"	3,280	15	40
Voils ('58)	17-30-1W	40	2,098	2,098	1		Mississippian	3,499	13	
Wellington ('29)	33-31-1W	3,000	508,473	9,882,602	138		"Chat"	3,655	11	
Wellington Northeast ('55)	27-31-1W	340	58,297	330,661	17		Mississippian	3,659	5	
Wusk ('58)	18-31-1W	140	9,673	9,673	4		Mississippian	3,711	4	
Zyba ('37)	7-30-1E	560	32,863	547,065	8	2	Simpson	3,866	3	30
Zyba Southwest ('44)	22-30-1W	400	83,770	1,469,694	10	3	Simpson	3,918	12	
Pools or fields abandoned				294,154						
Total Summer County		24,840	2,959,862	70,001,482**	765	18				

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		
			during 1958	to end, 1958		Name	Depth, ft.	Thick- ness, ft.	Aver. grav.
THOMAS COUNTY								
Kindig ('56)	30-8-32W	40	1,387	11,867	1	Cherokee	4,595	31
Mingo ('52)	19-9-32W	80	1,363	19,491	2	Marmaton	4,414	
						Mississippian	4,680	
Total Thomas County		120	2,750	31,358	3			
TREGO COUNTY								
Adair ('53)	21-12-21W	40	2,236	20,783	1	Marmaton	3,879	5 37
Adair Southwest ('56)	28-12-21W	40	1,912	7,667	1	Marmaton	3,856	10
Bin ('58)	31-11-22W	40	1,229	1,229	1	Lansing	3,776	6
Cotton ('45)	15-12-21W	40	2,815	46,728	1	Arbuckle	3,958	34 30
Cotton East ('47)	14-12-21W	40	2,248	64,200	1	Arbuckle	3,942	6 40
Coulson ('54)	11-15-22W		no report	427		Cherokee	4,175	
Diebolt* ('53)	33-10-23W	640	92,736	521,501	14	Lans.-K.C.	3,779	6 35
Egger ('58)	12-13-21W	120	3,292	3,292	3	Arbuckle	3,825	3
Ellis* ('42)	31-12-20W	1,200	56,028	662,583	14	Lans.-K.C.	3,632	4
						Arb.-Reagan	3,832	8
Ellis Northwest ('44)	26-12-21W	120	7,831	240,472	3	Arbuckle	3,925	2
Groff ('52)	26-14-21W	1,200	13,056	636,967	2	Lans.-K.C.	3,493	10 36
			91,755		18	Penn. congl.	3,822	10
Homburg ('55)	11-13-21W	40	1,814	9,683	1	Marmaton	3,800	10
Kutina ('53)	29-15-21W	160	48,162	127,485	4	Mississippian	4,151	
Newcomer ('56)	12-12-23W	650	134,537	381,089	20	Lans.-K.C.	3,733	3
Newcomer Northwest ('56)	2-12-23W	440	105,570	223,791	11	Lans.-K.C.	3,763	5
Nicholson* ('45)	30-11-20W	40	3,823	13,215	1	Arbuckle	3,842	12 34
Nieden ('52)	16-12-23W	40	124	25,381	1	Mississippian	3,850	7 36
Abandoned during 1958								

Ogallah ('51)	26-12-22W	3,800	691,569	4,377,305	77	4	Arbuckle	3,961	24
Ogallah Northwest ('57)	21-12-22W	40	8,651	10,446	1		Lans.-K.C.	3,724	3
Rhoden ('56)	24-12-23W	200	30,393	76,825	5		Lans.-K.C.	3,764	6
Ridgeway ('52)	26-12-21W	400	21,786	276,062	7		Lans.-K.C.	3,693	13
							Arbuckle	3,896	36
Riga Northeast ('57)	9-13-21W	40	6,975	9,166	1		Arbuckle	3,915	2
Spaulding South ('54)	1-11-21W	40	no runs	3,465	1		Lans.-K.C.	3,538	4
Sunny Slope ('52)	21-14-21W	640	43,229	393,394	12		Marnaton	3,848	14
Sunny Slope Northwest ('58)	21-14-21W	40	393	393	1		Penn. congl.	3,944	5
Trico* ('51)	30-10-20W	980	368,460	962,031	43		Lans.-K.C.	3,573	7
							Arbuckle	3,688	7
Voda ('57)	28-11-24W	120	22,379	22,379	3		Lans.-K.C.	4,008	4
Wakeeney ('34)	14-11-23W	640	10,422	904,936	5		Lans.-K.C.	3,619	8
Wakeeney East ('49)	24-11-23W	40	3,268	15,172	1		Lans.-K.C.	3,624	4
			Abandoned and revived during 1958						
Walz ('50)	12-11-21W	900	73,744	648,904**	18		Lans.-K.C.	3,428	9
							Arbuckle	3,666	11
Walz Northwest ('57)	12-11-21W	160	26,534	44,431**	4		Arbuckle	3,693	2
Pools or fields abandoned				71,328					
Total Trego County		12,890	1,876,971	10,802,730**	276	6			
WABAUNSEE COUNTY									
Ashburn ('58)	29-14-10E	40	5,917	5,917	1		Viola	3,255	7
Davis Ranch ('49)	33-13-10E	1,000	206,048	2,255,642	20		Lans.-K.C. "Hunton"	1,850	4
							Viola	2,929	15
Mill Creek ('50)	2-13-10E	160	21,110	251,313	4		Viola	3,201	4
Newbury ('50)	11-11-11E	240	20,633	270,310	6		Viola	2,923	4
Wheat ('51)	10-15-11E	20	89	18,690	1		Simpson	2,901	4
Woodbury ('51)	11-15-10E	80	12,051	93,670	2		Viola	3,230	4
								3,328	5
Total Wabaunsee County		1,540	265,848	2,903,141	34				
				recorded					

TABLE 32.—Oil production in Kansas during 1958, continued

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		
			during 1958	to end, 1958		Name	Depth, Thick- ft. ness, ft.	Aver. grav.
Carwood ('57)	16-17-37W	40	802	1,152	1	Marmaton	4,528	4
WICHITA COUNTY								
WILSON COUNTY								
Altoona ('03)	10-29-16E				111	"Squirrel" "Bartlesville"	650 900	
a		320	1,806					
b		300	3,184					
c		300	2,722					
d		40	954					
e		400	19,976					
f		20	427					
g		20	96					
h		60	7,783					
i		20	304					
j		60	395					
Altoona East	29-17E	450	4,818		25	"Bartlesville"	900	
Benedict	28-15E				16	"Bartlesville"	1,000	
a		40	349					
b		40	981					
c		600	6,124					
Buffalo* ('24)	27-16E				129	"Bartlesville" Cherokee	1,025 1,150	
a		40	63					
b		300	5,916					
c		640	10,765					
d		520	7,295					
e		40	207					
f		30	623					

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	27-13E	40	810	2	Cherokee "Burgess"	1,050
Coyville West	29-15E	40	272	29		
Fredonia ('90)		320	5,866			
a		40	30			
b		40	350			
c		40	135			850
d		40	1,619	11	"Bartlesville"	950
e	28-17E	100		277	3 "Bartlesville"	
Humboldt-Chanute*	30-16E	40	439			
Neodesha*		40	2,257			
a		300	38,621			
b		40	118			
c		40	55			
d		40	179			
e		200	2,445			
f		440	1,659			
g		600	60,177			
h		3,800	329			
i		20	60	4	Cherokee	
j		20	149			
k	30-17E	200	no report	10	"Bartlesville"	1,000
Neodesha East	28-13E	400	1,759	9+		
"Stryker"	27-17E	360	2,134	623	4	
Vilas ('05)						
Miscellaneous		11,360	194,251	623	4	
			6,343,167 recorded			
Total Wilson County						
			WOODSON COUNTY			
			no report	572	1	"Squirrel"
					58	"Bartlesville"
	32-25-15E					1,173
	23-26-14E	1,200	71,667			1,230
Annabelle ('56)						
Big Sandy ('23)						

TABLE 32.—Oil production in Kansas during 1958, concluded

Field name and year of discovery	Discovery well location	Area, acres	Oil production, bbl.		Pro- ducing wells 1958	Producing zone		Aver. grav.
			during 1958	to end, 1958		Name	Depth, ft.	
Buffalo* ('24)	26-16E				92	"Bartlesville" Cherokee	950 1,150	
a		40	124					
b		50	1,305					
c		400	50,405					
Evans ('38)	21-23-15E	80	2,159		4	Mississippian	1,540	
"Gordon" ('54)	13-24-15E	540	14,064		18	"Squirrel"	1,080	16
Halligan	30-26-17E		Combined with Perry					
Humboldt-Chanute*	25-17E	1,300	12,158		43	"Bartlesville"	900	
McWherter ('55)	35-26-13E	20	673		1	Mississippian	1,417	
Neosho Falls-Leroy* ('05)	35-22-16E				90	"Squirrel"	965	
a		480	19,807			Mississippian	1,200	
b		1,300	11,753					
c		700	7,013					
Perry-Halligan	26-17E	2,400	26,621		131			
Piqua ('38)	22-24-17E				6	Mississippian	1,190	
a		40	753					
b		300	306					
Quincy* ('32)	14-25-13E				99	"Bartlesville"	1,500	
a		2,400	173,152					
b		40	476					
c		40	75					
Rose East ('54)	16-26-16E	780	32,678		37	"Bartlesville"	1,109	15
Silver City ('46)	19-23-15E	600	21,428		18			
Stange		20	385		2	Cherokee		
Steele ('52)	20-23-15E	20	730		1	Mississippian	1,525	17
Stephenson			no report					

Toronto*		no report		1	"Peru"	1,000
Vernon	23-16E			83	"Bartlesville"	1,700
a		1,400	39,341		"Squirrel"	1,068
b		280	1,193		Mississippian	1,420
c		320	3,262			
d		160	5,892			
Virgil North* ('20)	22-23-13E	700	44,036	36	"Bartlesville"	1,585
Winterscheid*	23-14E			349	Mississippian	1,840
a		11,100	266,322		"Bartlesville"	1,630
b		40	84		Mississippian	1,750
c		40	1,539			
Wissman ('36)	3-24-15E			8	Mississippian	1,520
a		440	2,526			
b		320	383			
Yates Center	28-25-15E			32	Mississippian	1,480
a		760	16,564			
b		320	1,028			
Miscellaneous		120	969	3+		
Total Woodson County		28,750	830,771	1,111		
			10,275,114	11		
			recorded			

* Field extends into adjacent county or counties.

** Corrected cumulative.

TABLE 33.—Gas production in Kansas during 1958

Pool or field name and year of discovery	Location of discovery well	Gas production, M cu. ft.**				Producing zone	
		Area, acres	During 1958	To end, 1958	No. wells		Depth, ft.
ALLEN COUNTY							
Humboldt-Chanute*	26-18E					"Squirrel"	740
Miscellaneous		1,200	111,219		61	"Bartlesville"	850
ANDERSON COUNTY							
Colony-Welda			No longer productive; used for gas storage only (Capacity 31,014,497)				
BARBER COUNTY							
Aetna ('35)	13-34-15W	600	387,476	3,178,717	5	Mississippian	4,850
Aetna Northeast ('56)	9-34-14W		Included with Aetna			Viola	5,215
Blunk ('56)	30-34-13W	160	382,858	591,323	4	Mississippian	4,693
Blunk South ('56)	1-35-14W	40	62,681	108,435	1	Mississippian	4,727
Boggs Southwest ('55)	30-33-12W	3,800	7,194,408	28,113,037	29	Mississippian	4,821
Canema ('56)	24-33-11W		No report	none		Mississippian	4,456
Cedar ('57)	25-33-10W		No report	none		Mississippian	4,553
Clara ('44)	2-30-14W		No report	803,532		Mississippian	4,543
						Marmaton	4,381
						Simpson	4,435
						Viola	4,509
						Arbuckle	4,540
Cottonwood Creek ('48)	21-30-14W		No report	none		Simpson	4,582
Deerhead ('42)	26-32-15W		No report	1,896,083		Viola	4,931
DeGeer ('48)	2-33-15W		No report	140,442		Mississippian	4,902
						Viola	5,176
Donald ('46)	33-31-15W		No report	none		"Miss. lime"	4,697
Elsa ('56)	27-32-14W	200	554,979	1,187,196	4	Mississippian	4,662
Elwood ('56)	34-34-13W	500	1,556,402	2,632,669	9	"Elgin"	3,662
Farley ('56)	32-34-14W	300	53,080	174,790	5	Mississippian	4,742
Goemann ('55)	29-32-10W	Now	called McGuire-Goemann			Mississippian	4,433
Hardtner ('54)	31-34-12W	5,600	9,050,618	41,343,300	46	Cherokee	4,791
						Mississippian	4,782
						Simpson	4,865
ILS ('56)	9-31-11W		No report	none		Viola	4,435
Lake City ('45)	7-31-13W		Included with Skinner			"Douglas sand"	3,808
Little Bear Creek ('54)	12-32-14W	80	217,138	1,154,255	2	Viola	4,670
McGuire-Goemann ('56)	24-32-11W	900	1,921,741	3,945,507	13	Mississippian	4,403
Medicine Lodge-Boggs ('27)	13-33-13W	15,000	9,564,788	239,690,992	83	"Douglas sand"	3,812
						Mississippian	4,480
						Simpson	4,860
Medicine Lodge North ('54)	25-32-13W	80	299,142	335,587	2	Mississippian	4,480
Medicine Lodge Southwest ('54)	6-34-13W	100	249,276	1,909,319	2	Mississippian	4,889
Medicine Lodge West (revived) ('58)	28-33-14W	Combined with Medicine Lodge-Boggs				Mississippian	4,641
Nippawalla ('51)	13-33-12W		Included with Rhodes			"Douglas sand"	3,659
Nurse ('53)	23-31-13W	300	19,494	152,250	3	Mississippian	4,541
Rhodes ('54)	4-33-11W	7,000	10,665,967	31,251,163	22	"Douglas sand"	3,599
			Includes Nippawalla			"Douglas sand"	3,548
Rhodes Northeast ('56)	2-33-11W	1,400	2,056,370	2,056,370	14	Mississippian	4,551
Rhodes South ('57)	6-34-11W	800	981,509	1,217,213	8	Mississippian	4,500
Roundup South ('53)	33-33-11W		No report	none		Mississippian	4,564
Salt Fork ('54)	3-35-15W		Abandoned during 1958			Mississippian	4,457
Sharon ('55)	13-32-10W			623,134		Marmaton	4,780
						Mississippian	4,355
			Included with Sharon Northwest				
Sharon Northwest ('56)	11-32-10W	2,400	3,835,646	4,364,797	23	Mississippian	4,347
Skinner ('43)	29-31-14W	3,800	1,016,722	28,360,425	12	"Douglas sand"	4,023
						Lans.-K.C.	4,109
						Marmaton	4,294
						Simpson	4,422
						Viola	4,630
Stumph ('52)	7-32-14W	700	1,230,478	1,346,133	7	Marmaton	4,718
Traffas ('55)	6-33-10W		No report	none		Mississippian	4,590
Wells ('58)	18-34-15W		No report	none		Marmaton	4,694
Whelan ('34)	32-31-11W	160	78,036		3	Douglas	3,598
						"Chat"	4,355
Whelan East ('54)	21-31-11W	40	49,675		1	"Douglas sand"	3,746
Wolgammott ('57)	16-35-14W		No report	none		Cherokee	4,865
Pools or fields abandoned				153,681			
Total Barber County		43,960	51,428,484	396,903,995	298	recorded	

TABLE 33.—Gas production in Kansas during 1958, continued

Pool or field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu. ft.**		No. wells	Producing zone	Depth, ft.
			During 1958	To end, 1958			
BARTON COUNTY							
Adolph ('47)	16-20-15W		No report	none		Arbuckle	3,734
Behrens ('44)	6-20-15W		No report	none			
Behrens Northeast ('55)	29-19-15W		No report	none		Arbuckle	3,639
Bergtal ('41)	22-20-15W		Abandoned during 1958			Arbuckle	3,689
Converse ('53)	20-20-15W		No report	none		Arbuckle	3,783
Dundee ('45)	29-20-14W		Abandoned during 1958			Arbuckle	3,607
Eberhardt ('35)	14-19-11W		No report	398,567			
Heizer Southwest ('52)	21-19-14W	40	63,965	907,653	1	Penn. congl.	3,496
Krier ('44)	30-16-11W		No report	832,550			
Merten Southwest ('58)	7-19-15W		Within Kraft-Prusa field			Reagan	3,597
Otis-Albert* ('30)	11-18-16W		No report	none		Neva	
			Included with Rush County			Reagan	3,507
Pawnee Rock* ('36)	13-20-16W	40	100,000†		1		
Rick* ('41)	11-19-11W		No report	403,810		Arbuckle	3,355
Unruh ('45)	24-20-15W	300	115,756	14,640,317	3	Arbuckle	3,641
Miscellaneous		400	90,804		7		
Pools or fields abandoned				2,917,696			
Total Barton County		780	370,525†	23,299,947 recorded	12		
BOURBON COUNTY							
Miscellaneous		20	3,000		1		
BUTLER COUNTY							
Andover South*	31-27-3E		No report			"Stalnaker"	2,006
CHASE COUNTY							
Altamus	26-18-8E		No report				
Davis ('29)	18-8E		No report			L. Permian	350-400
Elmdale	19-7E	300	12,800		6	L. Permian	500
						Wabaunsee	800
Hymer	18-7E		No report				
Lipps	32-18-7E		Included with Elmdale				
Neva	19-7E		No report				
Miscellaneous		700	29,087		20		
Total Chase County		1,000	41,887		26		
CHAUTAQUA COUNTY							
Hewins Northwest ('56)	27-34-9E		No report			Mississippian	2,072
Miscellaneous		400	219,659		12		
CHEROKEE COUNTY							
Miscellaneous		40	2,373		1		
CLARK COUNTY							
Ashland ('51)	35-32-23W	300	9,986	1,795,172	3		
Cavalry Creek ('55)	3-31-21W	100	42,559	271,554	1	Mississippian	5,195
Harper Ranch ('53)	9-34-21W	4,000	4,048,702	5,660,274	7	Morrowan	5,437
Harper Ranch North ('54)	22-33-21W		No report	none		Morrowan	5,318
McKinney* ('50)	2-34-26W	6,500	1,842,759	3,798,212	14	Mississippian	5,762
Morrison Northeast ('54)	10-32-21W	1,200	592,706	1,350,637	3	Morrowan	5,193
Snake Creek ('52)	21-34-21W		No report	none		Morrowan	5,452
Tuttle West ('57)	10-35-21W		No report	none		Morrowan	5,625
Total Clark County		12,100	6,536,692	12,875,850	28		
COFFEY COUNTY							
Crandall ('53)	6-23-16E		No report			Mississippian	1,022
"Gridley"	22-14E		No report				
Miscellaneous		60	1,683		3		
COMANCHE COUNTY							
Beals ('55)	5-34-17W		No report	none		Lans.-K.C.	4,393
Perry Ranch* ('58)	12-32-16W		No report	none		Simpson	5,670
Robbins Ranch ('53)	23-31-16W	40	50,337	537,357	1	Mississippian	4,785
Tuttle ('57)	6-35-20W		No report	none		Mississippian	4,915
						Morrowan	5,538
COWLEY COUNTY							
Biddle		40	9,401		1		
Brown West ('51)	14-31-7E		No report			Douglas	1,568
Burden ('26)	31-31-6E		No report			"Layton"	2,220
						"Bartlesville"	2,900

TABLE 33.—Gas production in Kansas during 1958, continued

Pool or field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu. ft.**		No. wells	Producing zone	Depth, ft.
			During 1958	To end, 1958			
"Cambridge Southeast"	31-7E		No report				
Denton		100,	76,171		1		
Estes	32-6E	100	145,130		1	Douglas	1,568
Frog Hollow ('37)	32-5E		No report		1	"Bartlesville"	3,000
Gibson ('41)	34-3E	400	69,287		4	"Bartlesville"	3,300
						"Severy sand"	
Mansur ('49)	31-7E	80	63,612		1	"Layton"	2,170
New Salem ('49)	21-31-5E	80	35,590		1		
Peck ('58)	9-35-4E		No report	none		"Bartlesville"	3,206
Rauckman ('56)	18-34-3E		No report			"Bartlesville"	3,358
School Creek North ('53)	10-32-7E		No report			"Layton"	2,114
						"Cleveland"	2,443
Tisdale	32-5E	400	361,801		3		
Trees ('34)	30-4E		No report			"Bartlesville"	2,975
Turner West		400	22,335		8		
Waldschmidt ('58)	17-34-6E		No report	none		"Stalnaker"	1,821
Werner ('56)	31-32-6E		No report			Kansas City	2,460
Werner Northeast ('57)	31-32-6E		Combined with Werner			Kansas City	2,437
Wilmot-Floral	31-5E		No report			"Cattelman"	2,880
Winfield	32-4E		No report			"Peacock"	1,400
Miscellaneous		400	25,947		7		
Total Cowley County		1,600	809,274		27		
CRAWFORD COUNTY							
McCune	30-22E		No report			"Bartlesville"	300
St. Paul-Walnut	29-21E		No report			"Bartlesville"	
Miscellaneous		800	40,763†		36		
EDWARDS COUNTY							
Belpre ('42)	8-25-16W	300	74,301	8,228,634	3	Lans.-K.C.	3,800
Bradbridge* ('48)	6-24-15W		No report	none		Mississippian	4,278
Edstaff ('55)	12-25-16W		No report	none		Lans.-K.C.	3,686
Edstaff Northwest ('57)	35-24-16W		No report	none		Arbuckle	4,020
Embry ('55)	23-24-16W	1,300	1,801,262	3,722,796	14	Penn. congl.	4,202
						Mississippian	4,286
Embry East ('57)	24-24-16W		Combined with Embry			Mississippian	4,231
Kirk ('55)	26-26-16W		No report	none		"Kinderhook"	4,292
McCarty ('54)	31-25-17W	1,000	128,699	305,192	4	"Kinderhook"	4,215
McCarty Northeast ('30)	22-25-17W		No report	none		Cherokee	4,392
Trousdale Northeast ('58)	15-26-16W		No report	none		Penn. congl.	4,528
Trousdale South ('56)	33-26-16W	180	19,203	47,864	2	Penn. congl.	4,452
			Includes Trousdale			"Kinderhook"	4,392
Wokaty ('54)	25-25-17W	40	14,680	79,504	1	Cherokee	4,472
						"Kinderhook"	4,525
						Penn. congl.	4,390
Total Edwards County		2,820	2,038,145	12,383,990	24		
ELK COUNTY							
Adams ('56)	29-29-13E		No report			"Burgess"	1,680
Bush-Denton ('20)	4-30-9E		No report				
Longton ('02)			No report			Kansas City	660
Miscellaneous		400	235,105		16		
ELLSWORTH COUNTY							
Stoltenberg ('47)	18-17-9W		No report	443,891		Shawnee	2,728
FINNEY COUNTY							
Hugoton Gas Area* ('32)	16-25-34W	394,000	36,885,767	332,642,819	568	Chase Group	2,200
Nunn ('38)	27-21-34W		No report	146,075			
Total Finney County		394,000	36,885,767	332,788,894	568		
FORD COUNTY							
Helmerts ('53)	25-28-21W		No report	none		Mississippian	5,024
Pleasant Valley ('38)	34-27-21W	900	331,959		3	Mississippian	4,954
GRAHAM COUNTY							
Law ('51)	34-9-23W		No report	12,656			
GRANT COUNTY							
Hugoton Gas Area* ('30)	12-29-38W	380,000	76,951,008	930,072,169	579	Chase Group	2,200
Panoma North ('58)	33-29-37W		No report	none		Council Grove	2,740
HAMILTON COUNTY							
Bradshaw ('57)	36-22-41W		No report	none		Chase Group	2,546

TABLE 33.—Gas production in Kansas during 1958, continued

Pool or field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu. ft.**		No. wells	Producing zone	
			During 1958	To end, 1958			Depth, ft.
Hugoton Gas Area ('46)	12-26-39W	34,900	4,228,915	30,531,419	37	Chase Group	2,200
Wedel ('58)	1-22-41W		No report	none		Winfield	2,746
HARPER COUNTY							
Harper ('58)	11-32-7W	400	85,811	85,811	3	Viola-Simpson	4,714
Hibbord ('57)	23-34-9W	100	30,852	30,852	1	Mississippian	4,586
Hibbord Northeast ('58)	31-33-8W		Abandoned during 1958			Mississippian	4,478
Runnymede ('53)	23-31-6W		No report			Simpson	4,648
Sharon Northeast ('57)	5-32-9W	300	262,511	358,765	5	Mississippian	4,330
Spivey-Grabs* ('49)	13-31-9W	8,500	2,598,776	8,672,514	53	Mississippian	4,400
Total Harper County		9,300	2,977,950	9,147,942	62		
HARVEY COUNTY							
Burrton* ('30)	23-23-4W	800	247,927		9	Mississippian	3,298
Burrton North ('56)	32-22-3W		Includes Reno County			Mississippian	3,280
Burrton Northeast ('42)	3-23-3W		Included with Burrton			Mississippian	3,226
Graber* ('55)	22-1W		No report			Mississippian	2,958
Sperling ('35)	23-22-2W		No report			"Chat"	2,955
Sperling South	22-2W		No report			Mississippian	2,954
Wall ('51)	25-22-3W		No report			Mississippian	3,150
Total Harvey County		800	247,927	9,412,192 recorded	9		
HASKELL COUNTY							
Hugoton Gas Area* ('31)	29-30-34W	282,000	23,456,900	338,298,624	435	Chase Group	2,200
Koenig ('58)	12-29-34W		No report			Morrowan	5,294
JEFFERSON COUNTY							
McLouth			No longer productive; used for gas storage only (Capacity 12,913,757)				
JOHNSON COUNTY							
Craig			No longer productive; used for gas storage only (Capacity 6,075,820)				
Miscellaneous		300	43,869		11		
KEARNY COUNTY							
Hugoton Gas Area* ('37)	32-25-35W	424,000	62,477,345	656,482,839	627	Chase Group	2,200
KINGMAN COUNTY							
Basil ('53)	16-29-7W	150	247,296	599,474	3	Mississippian	4,150
Broadway ('48)	21-28-5W	500	761,130	2,998,445	11	Mississippian	1,993
Cunningham* ('31)	7-28-11W		Included with Pratt County			Permian	1,993
						Wabunsee	2,969
						Viola	4,278
						Arbuckle	4,094
Dewey ('50)	9-28-5W	1,000	177,431	3,389,580	5	Mississippian	3,801
Dresden ('51)	13-27-10W		No report			Viola	4,408
Gilchrist ('55)	15-30-7W		No report			Mississippian	4,156
Goetz ('56)	29-29-9W	200	257,167	598,857	4	Mississippian	3,852
Moorhouse ('57)	20-28-5W		No report			Mississippian	4,110
Settle ('56)	18-29-7W	40	52,136	133,749	1	Lans.-K.C.	3,876
Spivey-Grabs* ('49)	13-31-9W	8,000	9,862,425	26,051,130	258	Mississippian	4,205
Trenton ('55)	27-29-7W	600	328,868	510,031	6	Mississippian	4,117
Total Kingman County		10,490	11,686,453	35,424,181	288		
KIOWA COUNTY							
Alford ('44)	14-30-19W		No report			Spergen	5,040
Brenham ('47)	29-28-17W		Abandoned during 1958			"Miss. chert"	4,841
Glick ('57)	31-30-16W		No report			Mississippian	4,880
Greensburg ('56)	35-27-18W		No report			"Kinderhook"	4,742
Greensburg Northeast ('56)	17-27-17W	40	5,551	5,551	1	Mississippian	4,675
Hardy ('56)	23-23-18W	160	69,960	69,960	2	Mississippian	4,804
Haviland ('55)	17-28-16W	160	47,223	171,226	2	"Kinderhook"	4,761
Johannsen ('54)	13-28-19W		46,214	46,214	1	Mississippian	4,864
Joy Station ('57)	20-28-19W		No report			Mississippian	4,920
Kane ('56)	12-30-15W		No report			Mississippian	4,908
Nichols ('55)	20-29-18W	3,600	1,723,040	6,619,202	8	Mississippian	4,977
Nichols Southwest ('57)	5-30-18W		No report			Mississippian	4,977

TABLE 33.—Gas production in Kansas during 1958, continued

Pool or field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu. ft.*		No. wells	Producing zone	
			During 1958	To end, 1958			Depth, ft.
Wellsford ('55)	15-28-16W	400	198,055	826,332	2	Marmaton	4,680
						Mississippian	4,729
Total Kiowa County		4,360	2,090,043	7,823,390	16		
LABETTE COUNTY							
Coffeyville-Cherryvale*	32-17E		No report				
Valeda	34-18E	40	337		1		
Miscellaneous		600	69,505		39		
Total Labette County		640	69,842		40		
LEAVENWORTH COUNTY							
Linwood ('20)	12-21E		No report				600
Roberts-Maywood*	11-22E	400	13,538		7	"Squirrel" Knobtown	400
LINN COUNTY							
LaCygne-Cadmus	20-24E		No report				
Miscellaneous		160	5,799		6		
McPHERSON COUNTY							
Coons ('40)	13-19-1W		No report			"Chat"	2,897
Doles Park ('47)	12-19-1W		Abandoned during 1958			"Chat"	2,843
Elyria ('58)	22-20-3W		No report	none		Mississippian	3,068
Graber North ('51)	4-21-1W		No report	none		Mississippian	2,955
McPherson ('26)	29-18-2W	100	62,360		1	Lans.-K.C.	2,340
						"Chat"	2,967
						Viola	3,140
						"Chat"	2,935
Ritz-Canton ('29)	12-20-2W	1,800	499,071		13		
Total McPherson County		1,900	561,431		14		
MARION COUNTY							
Lehigh North ('53)	23-19-1E		No report			Mississippian	2,770
Propp ('26)	8-19-4E		No report			Mississippian	
Miscellaneous		500	117,774		8		
MEADE COUNTY							
Adams Ranch ('45)	8-35-30W	3,800	494,711	1,170,696	10	Morrowan	5,708
						Mississippian	5,850
Angell ('56)	30-32-29W		No report	none		Morrowan	5,608
Bond ('54)	32-33-30W	380	104,519	440,506	2	Mississippian	5,860
Bruno Northeast ('53)	16-33-30W		No report	none		Morrowan	5,721
Fincham ('56)	14-35-27W	700	513,977	634,511	2	Mississippian	6,275
Hockett ('57)	8-31-29W	800	42,849	42,849	4	Morrowan	5,390
						Mississippian	5,430
Horace ('56)	9-34-29W		No report	none		Morrowan	5,815
Kismet East ('53)	30-33-30W	1,000	156,371	856,057	2	Morrowan	5,645
McKinney* ('50)	2-34-26W	10,000	4,680,440	20,590,808	27	Mississippian	5,762
Mohler ('57)	35-33-29W	800	112,731	112,731	4	Morrowan	5,769
Mohler Northeast ('58)	36-33-29W		No report	none		Morrowan	5,690
Novinger Northwest ('53)	15-33-30W	300	63,691	450,596	1	Morrowan	5,718
			Includes Novinger				
Plains ('56)	17-32-30W		No report	none		Morrowan	5,611
Sanders ('56)	13-32-29W	800	256,598	256,598	2	Morrowan	5,533
						Mississippian	5,550
Singley ('55)	20-33-29W	4,000	1,496,961	4,435,035	11	Morrowan	5,803
Stevens ('52)	32-32-30W	3,200	2,372,748	9,815,671	12	Morrowan	5,560
						Mississippian	5,713
Stevens West ('57)	6-33-30W		No report	none		Morrowan	5,596
Total Meade County		25,780	10,295,596	38,806,058	77		
MIAMI COUNTY							
Louisburg	17-25E		No report				
Miscellaneous		100	8,540†		4		
MONTGOMERY COUNTY							
Coffeyville-Cherryvale* ('02)	33-17E		No report			"Bartlesville"	
Neode-ha South			No report				
Miscellaneous		1,600	349,556		50		
MORRIS COUNTY							
Veal ('55)	30-17-7E		No report			Ireland	1,234
Miscellaneous		300	38,760		8		

TABLE 33.—Gas production in Kansas during 1958, continued

Pool or field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu. ft.**			Producing zone		
			During 1958	To end, 1958	No. wells		Depth, ft.	
MORTON COUNTY								
Boehm ('51)	14-33-42W			8,120,106		Morrowan	4,872	
		Included with Greenwood Gas Area						
Elkhart ('55)	11-35-43W	640	49,082	348,644	1	Morrowan	4,558	
Elkhart West ('57)		640	284,477	284,477	1	Morrowan	4,299	
Greenwood Gas Area ('51)	14-33-42W	200,000	49,815,998	182,762,911	247	Wabaunsee	2,777	
						Shawnee	3,069	
						Lans.-K.C.	3,534	
Hugoton Gas Area* ('30)	24-34-40W	112,000	22,699,432	291,691,354	302	Chase Group	2,200	
Interstate ('54)	29-34-43W	640	14,909	14,909	1	Morrowan	4,210	
Patsy ('57)	16-31-41W		No report	none		Morrowan	5,362	
Reyer ('57)	17-32-43W		No report	none		Marmaton	3,993	
Richfield ('48)	17-32-40W	6,000	9,177,664	20,705,798	9	Atokan	4,990	
						Morrowan	5,397	
Sparks*	34-30-42W		Included with Stanton County			Morrowan		
						(Keyes)	5,254	
Sparks South ('57)	23-31-42W		Combined with Sparks			Morrowan	5,196	
Taloga ('55)	34-34-42W	1,800	2,721,110	20,069,082	9	Morrowan	4,428	
						Cherokee	3,894	
Total Morton County		321,720	84,762,672	524,050,653	570			
NEOSHO COUNTY								
Earlton	28-18E		No report					
Miscellaneous		600	171,171			72		
PAWNEE COUNTY								
Benson ('45)	30-23-15W	300	99,326			2	Arbuckle	4,048
			Includes Zook					
Evers ('51)	32-21-16W		No report	850,468		Arbuckle	3,908	
Evers South ('56)	12-22-16W		No report	none		Arbuckle	3,920	
Garfield ('54)	35-22-17W	280	361,653	605,635	3	Penn. congl.	4,152	
Hearn ('53)	35-23-15W		No report	none		Lans.-K.C.	3,833	
						Simpson	4,106	
Hearn North ('55)	23-23-15W		No report	none		Simpson	4,084	
Jac ('58)	30-21-15W		No report	none		Arbuckle	3,871	
Larned ('49)	28-21-16W		No report	none		Arbuckle	3,877	
Pawnee Rock* ('36)	19 & 20-15 & 16W	700	2,000,000†		15†	Arbuckle	3,832	
Ryan*	35-19-16W	100	146,167†		2†	Reagan	3,507	
Shady ('45)	34-22-16W		No report	3,992,596		Viola	3,920	
						Arbuckle	4,063	
Shady North ('55)	14-22-16W		No report	none		Arbuckle	4,043	
Shady Southwest ('53)	3-23-16W		No report	none		Arbuckle	4,094	
Snowberger ('57)	29-22-16W		No report	none		Penn. congl.	4,112	
Sweeney ('53)	8-21-15W		No report	none		Penn. congl.	3,727	
						Arbuckle	3,792	
Zook ('42)	16-23-16W		Included with Benson			Simpson	4,028	
						Arbuckle	4,066	
Total Pawnee County		1,380	2,607,146†	37,801,822 recorded	22†			
PRATT COUNTY								
Carver-Robbins ('55)	21-27-15W		No report			Penn. congl.	4,472	
						Mississippian	4,509	
Chance ('46)	4-27-13W	240	50,754		3	Viola	4,340	
Chitwood ('43)	23-28-12W		No report	10,089,598		Mississippian	4,543	
Cullison ('56)	25-28-15W		No report	none		Permian	1,993	
Cunningham* ('31)	7-28-11W	8,00	1,200,000†		35†	Wabaunsee	2,969	
						Viola	4,278	
						Arbuckle	4,094	
						Lans.-K.C.		
Hopewell ('58)	17-26-15W		Includes Kingman County			Lans.-K.C.	3,887	
Iuka-Carmi ('42)	29-26-12W	600	No report	none		Viola	4,122	
Shriver ('49)	27-29-14W		173,785	4,031,743	1	Viola		
Stark ('41)	13-26-12W		No report	104,191		Viola	4,121	
Tatlock Southwest ('58)	30-26-15W		No report	none		Congl. sand	4,376	
						"Kinderhook"		
Ward ('41)	11-26-12W					Viola	4,129	
Total Pratt County		8,840	1,424,539†	20,572,575 recorded	39†			
RENO COUNTY								
Burrton* ('30)	23-23-4W		Included with Harvey County			Mississippian	3,298	
Lerado ('37)	10-26-9W	1,800	3,575,813	7,067,279	29	Mississippian	3,925	
						Viola	4,128	

TABLE 33.—Gas production in Kansas during 1958, continued

Pool or field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu. ft.**			Producing zone	
			During 1958	To end, 1958	No. wells		Depth, ft.
Lerado Southwest Yoder ('35)	34-24-5W		Combined with Lerado No report			Mississippian "Chat"	3,883
Zenith-Peace Creek* ('37)	23-24-11W	60	3,092		1	Viola	3,402
Total Reno County		1,860	3,578,905	7,306,843 recorded	30		3,860
RICE COUNTY							
Bredfelt ('48)	7-18-9W		No report	165,890		Arbuckle	3,226
Chase-Silica ('36)	6-19-9W		No report	1,835,285		Arbuckle	3,192
Cow Creek ('57)	28-18-9W	80	30,321	30,321	1	Lans.-K.C.	2,956
Humphreys ('56)	3-21-8W	160	229,091	393,308	4	Penn. congl.	3,272
Lyons ('88)	35-19-8W	40	11,883	14,108,095	1	Mississippian	3,278
Lyons Southwest ('55)	22-20-8W		No report			Simpson	3,290
Orth ('33)	27-18-10W		No report	122,741		Arbuckle	3,277
Sterling ('51)	4-22-8W		No report			Penn. congl.	3,251
Union ('50)	28-20-8W	500	336,657		5	Lans.-K.C.	2,906
Miscellaneous Pools or fields abandoned		400	428,989	15,686,133	5	Mississippian	3,385
Total Rice County		1,180	1,036,941	34,963,624 recorded	16	Penn. congl.	3,275
RUSH COUNTY							
Lohrey ('56)	35-17-17W	120	715,091	1,023,111	3	Penn. congl.	3,563
Otis-Albert* ('30)	11-18-16W	4,000	538,982		11	Granite Wash	3,578
Reichel ('53)	23-17-17W	300	378,584	2,294,848	3	Neva	
Rothe ('55)	31-17-16W	800	No report	none	6†	Topeka	3,006
Ryan*	35-19-16W		1,000,000†			Lans.-K.C.	3,330
Ryan East ('54)	36-19-16W		No report	none		Lans.-K.C.	3,446
Total Rush County		5,220	2,632,657†		23†	Reagan	3,507
RUSSELL COUNTY							
Heim Northeast ('57)	14-14-12W		No report	none		Fort Riley	1,530
SCOTT COUNTY							
Keystone ('50)	25-18-32W		No report	45,122		Chase Group	
SEDGWICK COUNTY							
Bartholomew ('46)	30-27-4W	600	65,664		10	Kansas City	3,270
Derby ('37)	32-28-2E		No longer productive; storage only			"Miss. lime"	3,732
Gladys South ('56)	5-29-1E	40	No report	74,499		"Stalnaker"	2,215
Schulte ('49)	7-28-1W		No report	1,287,655		Lans.-K.C.	2,228
Total Sedgwick County		640	65,664	2,198,301 recorded	10	Mississippian	3,194
SEWARD COUNTY							
Adamson ('58)	11-34-34W		No report	none		Mississippian	6,064
Blue Bell ('53)	33-34-31W		No report	none		"Chesteran sand"	6,318
Blue Bell Northwest ('54)	20-34-31W		No report	none		Mississippian	5,959
Hawks ('52)	18-35-31W		No report	none		Mississippian (Chesteran)	5,947
Holt ('54)	28-32-34W	200	1,242,682	2,395,640	3	Morrowan	5,927
Hugoton Gas Area* ('22)	3-35-34W	246,000	18,464,411	220,362,193	346	Topeka	3,820
Kismet Northwest ('53)	10-33-31W	200	18,774	18,774	1	Chase Group	2,200
Liberal-Light ('51)	11-35-32W	2,400	2,257,018	23,633,425	12	Morrowan	5,584
Liberal Southeast ('47)	15-35-33W	1,100	1,783,047	18,916,615	5	Morrowan	5,906
Massoni ('55)	5-33-31W	600	283,631	507,701	3	Penn. sandstone	6,202
Plains West ('56)	16-32-31W		No report	none		Toronto	4,270
Salley ('58)	16-34-33W		No report	none		Morrowan	5,590
Shuck ('55)	20-33-34W	400	181,620	389,832	1	Morrowan	5,600
Thirty-one ('53)	18-31-31W	400	78,887	762,807	1	Toronto	4,311
Three Star ('58)	17-35-32W		No report	none		Morrowan	5,987
						Lans.-K.C.	5,448
						Morrowan	4,546
						Chesteran	5,866
							6,089

TABLE 33.—Gas production in Kansas during 1958, concluded

Pool or field name and year of discovery	Location of discovery well	Area, acres	Gas production, M cu. ft.**		No. wells	Producing zone	Depth, ft.
			During 1958	To end, 1958			
Wide Awake ('54)	4-35-34W	600	111,096	451,423	2	Toronto	4,410
Total Seward County		251,900	24,421,166	267,438,410	374	Mississippian	6,168
STAFFORD COUNTY							
Bradbridge* ('48)	6-24-15W		No report	none		Arbuckle	4,020
Farmington ('48)	27-24-15W	400	554,823		8	Mississippian	4,207
Farmington North ('56)	23-24-15W		No report	none		"Kinderhook"	4,120
Farmington Northwest ('56)	30-24-15W		No report	none		"Kinderhook"	4,272
Farmington West ('52)	6-25-15W		No report	none		"Penn. sand"	4,164
Gates ('50)	26-21-13W	300	161,938	501,129	3	Lans.-K.C.	3,473
Grunder (revived) ('58)	11-25-15W		No report	none		Mississippian	4,173
O'Connor ('47)	16-24-13W		No report	none		Arbuckle	4,061
Rattlesnake East ('56)	7-24-13W		No report	none		Mississippian	3,880
Van Lieu ('43)	20-24-13W	160	260,210	502,316	2	Arbuckle	4,069
Wil Southeast ('58)	31-25-15W		Abandoned during 1958				
Zenith-Peace Creek* ('37)	23-24-11W		No report			Lower Penn. sand	4,313
Pools or fields abandoned				10,968,337		Viola	3,860
Total Stafford County		860	976,971	12,788,788 recorded	13		
STANTON COUNTY							
Hugoton Gas Area* ('44)	32-30-39W	168,500	13,868,449	134,764,084	232	Chase Group	2,200
Sparks* ('54)	34-30-42W	3,800	6,076,170	12,549,504	17	Morrowan	
			Includes Morton County Portion			(Keyes)	5,254
Sparks East ('57)	29-30-41W		No report	none		Morrowan	5,152
Sparks West ('58)	26-30-43W		No report	none		Morrowan sand	5,260
Total Stanton County		172,300	19,944,619	147,313,588	249		
STEVENS COUNTY							
Hanke ('56)	6-35-36W		No report	none		Morrowan	6,267
Hugoton Gas Area* ('27)	31-33-37W	610,000	90,231,496	1,674,871,788	748	Chase Group	2,200
Panoma ('56)	12-31-38W		No report	none		Council Grove	2,843
Panoma Southwest ('58)	35-31-39W		No report	none		Council Grove	2,710
SUMNER COUNTY							
Bitter Creek ('53)	1-35-1E		No report	none		"Stalnaker"	2,364
Chickasia			Abandoned during 1958			"Stalnaker"	3,014
Fall Creek ('50)	3-35-3W		No report			Simpson	4,746
Padgett ('24)	23-34-2E	100	12,342		1	"Miss. lime"	3,474
Pride ('58)	34-31-2E		No report	none		Marnaton	3,187
State Line ('53)	15-35-2E		Combined with Murphy			Elmont	1,738
Wellington ('29)	33-31-1W		No longer productive; used for gas storage only			"Bartlesville"	3,446
						"Chat"	3,655
WALLACE COUNTY							
Sexson ('56)	19-13-42W		No report	none		Morrowan	5,008
WILSON COUNTY							
Altoona-Earlton	29-16E		No report				
Neodesha*	30-16E		No report				
Miscellaneous		800	265,265†		34†		
WOODSON COUNTY							
Gordon ('54)	13-24-15E		No report			"Squirrel"	1,080
Piqua			No longer productive; used for gas storage only (Capacity 3,230,472)				
Vernon	23-16E		No report				
Miscellaneous		400	26,044		3		
WYANDOTTE COUNTY							
Roberts-Maywood*	11-23E		Included with Leavenworth County			"Peru"	
						"Squirrel"	

* Field extends into adjacent county or counties.

** All figures at base of 14.65 psia.

† Estimated.

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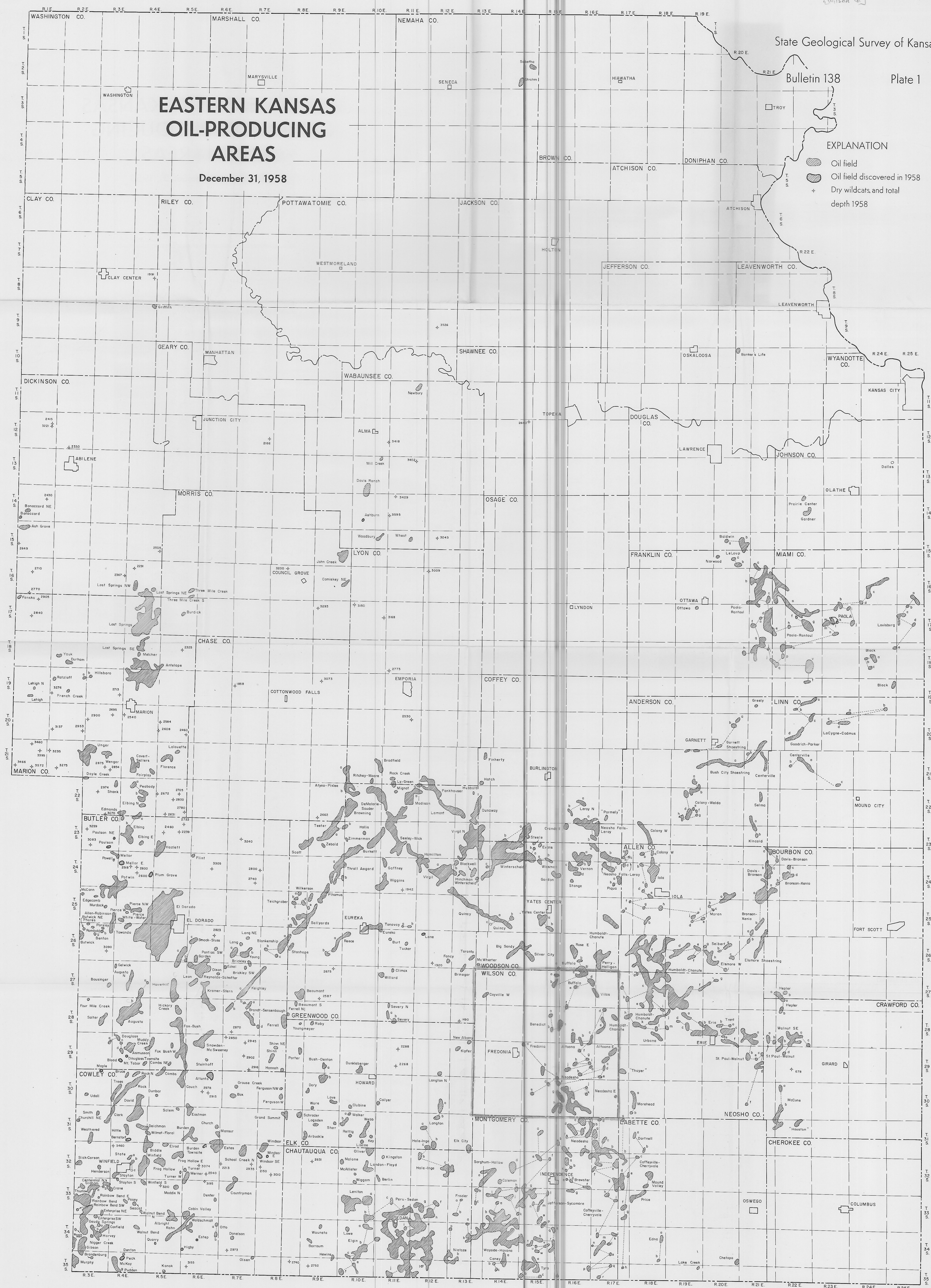
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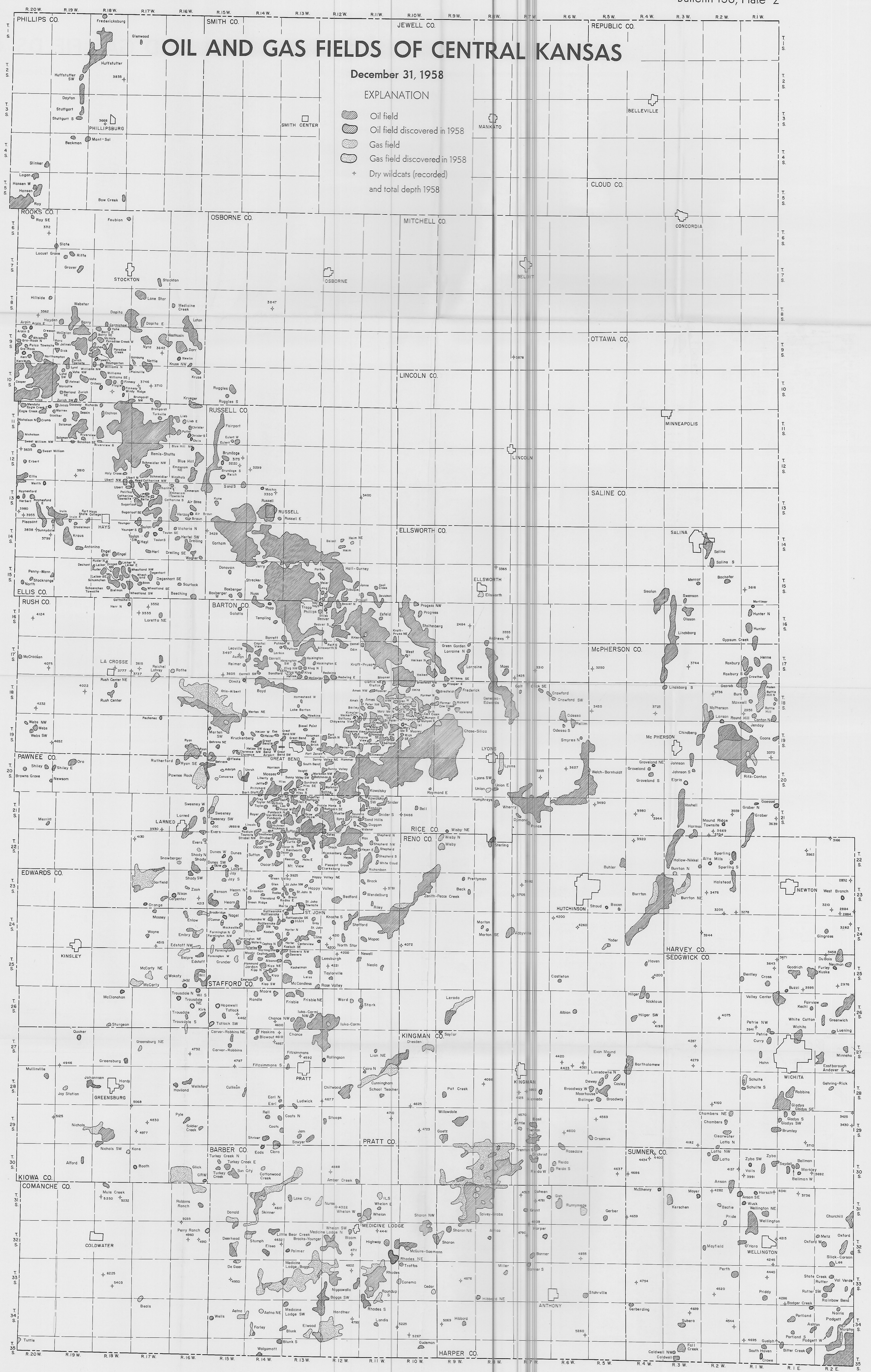
County	Thickness of producing zone, feet	Average depth to producing zone, feet	Recovery per acre, bbl.	Production attributable to secondary recovery in 1956, bbl.	No.
13	750				1
18	700				2
20	660				3
13	700				4
30	840				5
30	800	14	15	44,042	6
10	860				7
25	825		75	50,000	8
1 16	630				9
1 16	670				10
17	825-30			5,000	11
			14	608,700	
				707,742	
RSON COUNTY					
30	620	40	84	125,005	12
18	600				13
11	700				14
20	725		30	20,036	15
15	800			1,500	16
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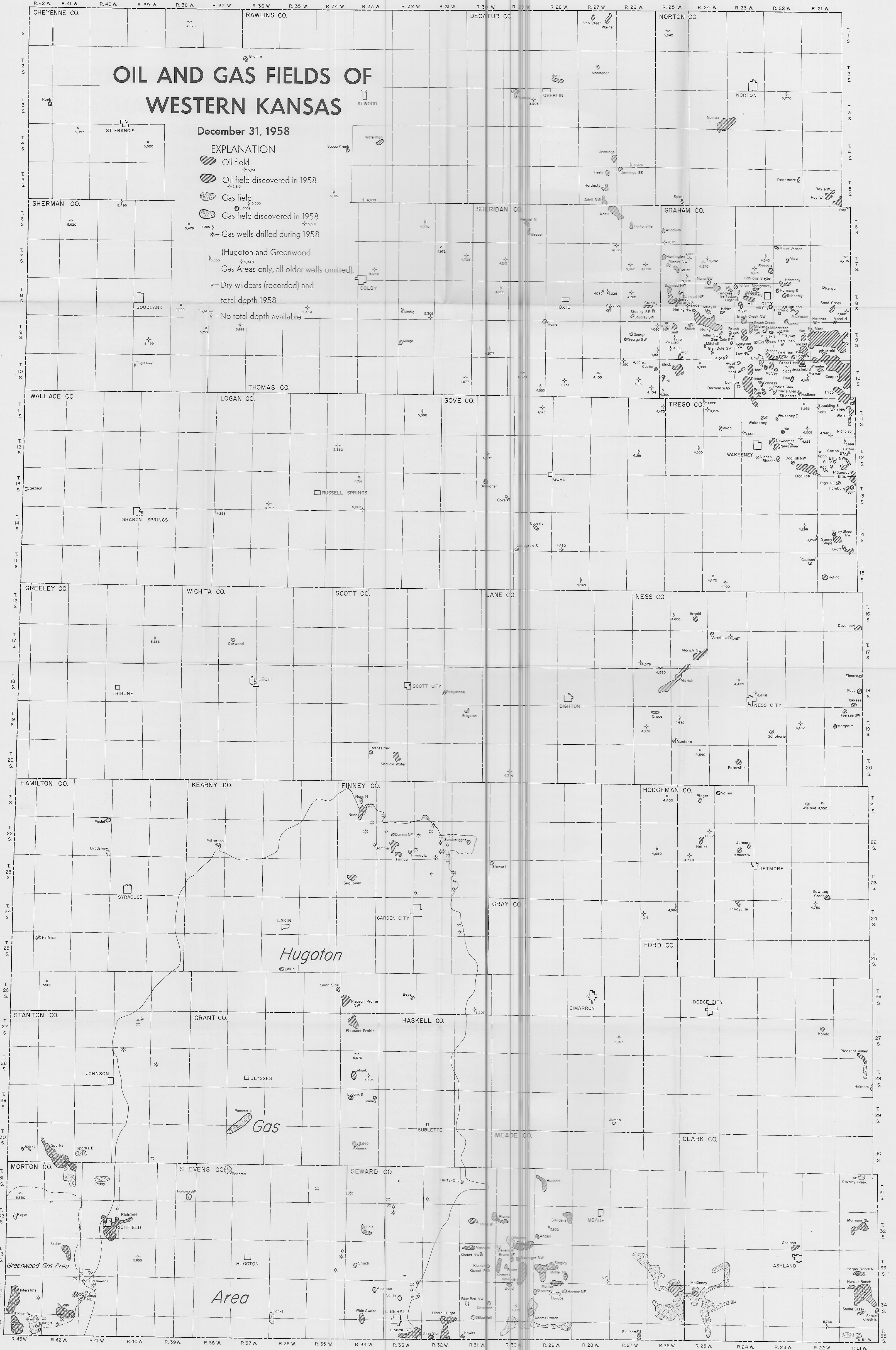
r	Return salt	34	-	-	167
Larns and Goodbar 7-1-58					168
r	Arbuckle	60	126	36,500	169
er	salt water City of Independence	1,024	74	16	170
er	River	60	-	4,000	171
r	Return salt	26	-	-	172
er	salt water Wells and return	15	1,401	1,966	173
	do	15	2,821	6,816	174
	do	23	636	22,090	175
	do	8	2,532	2,745	176
r	"Big sand" and return water	20	618	-	177
	Arbuckle	-	-	-	178
Estimated additional secondary recovery production				157,600	
				<u>231,731</u>	
	City water and Mississippian	-	-	-	179
	Sheet water	-	-	*	180
r	Mississippian	-	-	-	181
	do	-	-	-	182
	do	45	297	2,744	183
	do	70	861	21,297	184
Fresh water Return and Neosho River					185
	Gravel and return water	*	-	*	186
r	Topeka	-	-	-	187
	"Bartlesville"	5	-	-	188
er	Surface water	-	-	-	189
	Shallow	-	-	-	190
r	"Osage"	*	*	*	191
	"Osage"	-	-	-	192
Estimated additional secondary recovery production				306,200	
				<u>333,501</u>	
er	Supply well and Lansing-Kansas City	241	-	-	193
				0	
er	Dakota	370	516	28,641	194
				<u>28,641</u>	
er	Topeka	10,200	1,409	714,156	195
	Simpson	55	4	1,478	196
				<u>715,634</u>	
er	Douglas	284	648	23,066	197
	Produced	100	-	-	198
	Supply wells and Viola	904	121	236,001	199
				<u>259,067</u>	
d r t	Arbuckle	327	233	26,610	200
	Produced and quartzite water	191	519	11,126	201
	Mississippian	84	-	-	202
	do	168	-	-	203
				<u>37,736</u>	

December 31, 1958

Oil field
Oil field discovered in 1958
Dry wildcats, and total
depth 1958







* Production not to be revealed; included in county total.

No.	Field	Operator	Project	Location	Cooperative or unitized	Year started	Total developed acre	Producing formation	Thickness of producing zone, feet	Average depth of producing zone, feet	Active wells	Flowing	Ramming	Total	No. producing wells drilled in 1958	No. active wells, 1958	No. injection wells drilled in 1958	Medium of injection	Source of water	Average bbl. water injected per acre	Cumulative secondary oil recovery per acre, bbl.	Production attributable to secondary recovery in 1958, bbl.	No.
ALLER COUNTY																							
1	Bronson-Lenia	Ray Beers, Jr.	Southwestern Co. K-8 Project	4-25-21E	-	1956	90	"Bartlesville"	15	750	-	15	15	6	10	4	-	Salt water	Arbuckle	28	-	-	1
2	do	Max C. Cobb	do	22-27-28-35-24-21E	-	1951	220	do	15	700	-	-	-	-	-	-	-	do	do	-	-	-	2
3	Elmore-Shoestring	Peas and Hoyt	Elmore Shoestring	5,4-10-26-21E	Unit.	1941	180	do	20	650	-	-	-	-	-	-	-	Fresh and salt water	Arbuckle and stream	-	-	-	3
4	Humboldt-Chamute	C and M Oil Co.	Humboldt-Chamute	18,18-26-20E	Coop.	1953	40	do	15	700	-	-	-	-	-	-	-	Fresh water	Stream and well	-	-	-	4
5	do	Gamble, Wright and Crumley	Wolf-Tobey Lease	24-26-17E	Coop.	1953	160	do	50	840	-	-	-	-	-	-	-	Salt water	"Owago"	-	-	-	5
6	do	General American Oil Co. of Texas	Matson Group	16,17-18,19, 20-26-18E	-	1938	322	do	30	800	140	13	153	-	147	-	-	Fresh water	Neosho River	10	5,415	44,042	6
7	do	S. F. Gidley	Diamond	20-26-18E	-	1952	15	do	10	860	-	-	-	-	-	-	-	Salt water	Mississippian	20	-	-	7
8	do	Wolner Petroleum Co.	Humboldt Waterflood	15,14,23-24, 26-19E	-	1942	426	do	25	825	-	-	-	-	-	-	-	do	do	-	1,875	50,000	8
9	do	C. A. Willis	Hoepker	25-26-18E	-	1953	80	do	15	850	-	-	-	-	-	-	-	-	"Owago"	-	-	-	9
10	Iola	Star Producers	Lawrence Rogers	22-24-18E	Unit.	1959	167	"Squirrel"	15	870	-	15	15	2	-	-	-	Fresh water	River gravel water	-	-	-	10
11	Moran	A. P. Brigham	Moran Rinflow	34,35-24-20E	-	1958	15	"Bartlesville"	17	825-30	-	23	23	0	4	0	-	do	Mississippian	26	-	5,000	11
																				Estimated additional secondary recovery production			
																				808,700			
																				707,742			
ANDERSON COUNTY																							
12	Bash City Shoestring	General American Oil Co. of Texas	Reed Group and Connell and Loriaux Group	12,13-14-21-21E; 4,5,7,8, 16-21-21E	Neither	1943	986	"Squirrel"	30	620	401	11	412	-	393	-	-	Salt water	Arbuckle	22	2,564	125,006	12
13	do	Kwamee Oil Co.	Dango Waterflood	27,28,32,33-20-21E; 4-21-21E	Neither	1943	351	do	18	600	-	-	-	-	-	-	-	do	do	-	-	-	13
14	do	Maracabo Oil Corp.	Starit	8,9-16,17-21-20E	-	1950	80	do	11	700	-	-	-	-	-	-	-	do	Purchased	-	-	-	14
15	Centerville	Schermmerhorn Oil Corp.	Centerville	4,10,15,22-21-21E	Unit.	1947	345	"Bartlesville"	20	725	-	31	0	15	0	-	-	do	Mississippian	17	1,650	20,086	15
16	Colony-Welda	A. S. Peas	Stauffer-Hyde Unit No. 1	22-27-28-35-24-21E	-	1947	20	"Squirrel"	15	800	-	14	-	-	-	-	-	do	Arbuckle	14	5,558	1,095	16
17	do	W. S. Peas	Unit No. 1	23-22-19E	Unit.	1945	380	do	15	800	-	87	87	-	35	-	-	do	do	26	920	44,930	17
18	do	W. S. Peas	Unit No. 2	28,29,32,33-22-18E	Unit.	1954	320	do	15	800	-	14	14	-	15	-	-	do	do	28	259	25,795	18
19	do	W. S. Peas	Unit No. 3	22-27-28-35-24-21E	Unit.	1956	219	do	14	825	-	21	21	17	23	1	-	do	Mississippian	30	11	2,219	19
20	do	J. M. Peery	No. 1	27-21-16E	Unit.	1958	40	do	18	835	-	11	11	2	1	1	-	do	"Owago"	60	-	35	20
21	Kinsaid	W. C. Perham	Bloom Lease	9-23-41E	No	-	80	"Bartlesville"	30	750	-	18	18	1	1	1	-	do	Mississippian	80	-	-	21
																				Estimated additional secondary recovery production			
																				246,800			
																				435,115			
BARTON COUNTY																							
22	Great Bend Airport	Petroleum Management Inc.	Great Bend Airport	28-19-14W	Coop.	1957	160	Lans.-K. C.	5	3,315	0	7	7	0	1	0	-	Salt water	Lans.-K. C.	180	-	-	22
23	Hiss East	Phillips Petroleum Co.	Hiss Lease	33-20-15W	Coop.	1958	10	do	9	3,450	0	1	1	0	1	0	-	do	Produced	340	14	682	23
24	Kraft-Prusa	National Cooperative Refining Association	Paul Dolachek-Gorham	24-16-12W	No	1958	50	Gorham	9	3,554	0	8	8	0	1	0	-	do	Gorham and Arbuckle	651	-	-	24
25	Otis-Albert	National Cooperative Refining Association	Wesell-Keagan	5-8-19-15W	No	1958	110	Keagan	17	3,559	-	8	8	0	1	0	-	do	Keagan	650	0	0	25
26	do	Phillips Petroleum	Schultz	5-18-15W	Coop.	1958	80	do	13	3,620	-	3	3	0	1	0	-	do	Produced	500	29	2,500	26
27	Sandrock	Phillips Petroleum	Russell Lease	28-30-13W	Coop.	1958	10	Lans.-K. C.	6	3,400	0	3	3	0	1	0	-	do	Produced	310	-	-	27
																				2,552			
BOURBON COUNTY																							
28	Bronson-Lenia	A. B. McLinn and Sons	McLinn Oil Lease	9-24-22E	-	1956	2	"Bartlesville"	-	-	-	-	-	-	-	-	-	-	Mississippian and return	-	-	-	28
29	Davis-Bronson	Albert Marham Oil Co.	Honess Farm	11-24-21E	-	1956	40	do	20	670	-	-	-	-	1	-	-	Salt water	Mississippian	17	-	-	29
																				Estimated additional secondary recovery production			
																				31,000			
																				81,000			
BUTLER COUNTY																							
30	Blankenship	Francis Central Oil Co.	Sallyards-Hughes	9-26-5E	Coop.	1951	80	"Bartlesville"	67	2,500	-	10	10	0	12	0	-	Salt water	Douglas	200	-	-	30
31	do	T. O. Lillystrand, Jr.	Dunne	9-26-5E	Coop.	1956	35	do	-	2,540	-	-	-	-	-	-	-	do	Arbuckle	-	-	-	31
32	do	A. L. Seidenfeld	Sallyards Flood	9-16-26-8E	-	1952	60	do	40	2,540	-	-	-	-	-	-	-	do	"Bartlesville" and Arbuckle	300	-	-	32
33	do	Sohio Petroleum Co.	Sallyards Water Flood	9,16,17-26-8E	Coop.	1949	157	do	41	2,500	-	15	15	0	18	0	-	do	Arbuckle and produced	1,468	0	0	33
34	El Dorado	Cities Service Oil Co.	Chesney Douglas Waterflood	21-25-5E	No	1958	40	Douglas	30	1,400	-	12	12	0	8	2	-	Salt water	Arbuckle and produced	113	0	0	34
35	do	do	Chesney Kansas City Flood	21-25-5E	No	1958	40	Kansas City	40	2,150	-	23	23	0	4	0	-	do	do	135	156	0	35
36	do	do	Chesney Marmaton Flood	21-25-5E	No	1958	60	Marmaton	30	2,100	-	6	6	0	6	0	-	do	Produced	104	862	2,408	36
37	do	do	El Dorado Finney Simpson Waterflood	4,9-26-5E	Coop.	1950	320	Simpson	24	2,600	-	16	16	1	9	2	-	do	Arbuckle and produced	108	661	88,523	37
38	do	do	El Dorado Shallow Waterflood	25,35-26-4E; 19-22,27,34-25-3E; 5,6-25-3E	Coop.	1947	4,945	El Dorado Shallow	16	650	-	645	645	0	310	30	-	do	do	152	1,402	1,531,447	38
39	do	do	Koegler Waterflood	17,18,19,20, 24-26-4 and 5E	Coop.	1943	1,720	Viola-Simpson	60	2,550	-	156	156	0	88	0	-	do	do	252	5,243	279,607	39
40	do	do	Wilson Kansas City Waterflood	7,8-9,25-5E	Unit.	1956	411	Kansas City	-	2,000	-	21	21	0	9	1	-	do	Produced	301	525	143,716	40
41	do	do	Wilson Shallow	8,9-25-5E	Coop.	1954	457	El Dorado Shallow	10	700	-	58	58	0	22	1	-	do	do	355	1,967	137,716	41
42	do	do	Wilson Simpson Waterflood	8,9-25-5E	Unit.	1955	220	Simpson	20	2,550	-	19	19	0	7	0	-	do	do	240	2,500	65,900	42
43	do	Gulf Oil Corp.	A. J. Shumway Pilot Waterflood	11-26-4E	Coop.	1956	60	Lansing	23	1,650	-	7	7	0	1	0	-	do	Lansing and Arbuckle	466	-	-	43
44	do	Magnolia Petroleum Co.	Project No. 6	21,29,30-26-5E; 26-26-4E	Coop.	1951	974	Simpson and Viola	-	2,400	-	35	35	0	21	0	-	do	Produced	520	-	-	44
45	do	R. W. Muegrove	Bond	2-25-5E	-	1952	20	"Peru"	-	-	-	-	-	-	-	-	-	do	Viola	-	-	-	45
46	do	Sinclair Oil and Gas	El Dorado Simpson Sand Flood	15,35-26-4E	Coop.	1956	50	Simpson	35	2,580	-	14	14	0	8	0	-	do	Arbuckle and produced	150	2,767	125,977	46
47	do	Shelly Oil Co.	Baslett Shallow Waterflood	10-25-5E	Coop.	1954	160	El Dorado Shallow	12	700	-	8	8	0	8	0	-	do	Viola	142	500	14,560	47
48	do	do	Hill Shallow Waterflood	34-25-5E	Coop.	1957	30	El Dorado Shallow	9	610	-	2	2	0	2	0	-	do	Purchased	114	354	4,495	48
49	do	do	Paga Waterflood	9-26-5E	Coop.	1950	30	Wilcox	30	2,550	-	3	3	0	1	0	-	do	Arbuckle and produced	250	2,022	4,861	49
50	do	Stelbar Oil Corp.	Stone Lease	2-26-5E	-	1953	40	do	-	-	-	-	-	-	-	-	-	do	Arbuckle	230	-	-	50
51	do	The Texas Co.	El Dorado	8-26-5E	Coop.	1954	170	Indian Cave	14	700	-	17	17	0	15	0	-	do	Viola and Mississippian	149	-	-	51
52	Fox-Bush	Shelton Drilling Co.	North Fox-Bush Unit	24-26-5E	No	1955	60	"Bartlesville"	-	2,754	-	3	3	0	2	0	-	do	do	-	-	-	52
53																							