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ILLINOIS PETROLEUM NO. 67

OIL AND GAS DEVELOPMENT IN ILLINOIS DURING 1951

By
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REPRINTED FROM

STATISTICS OF OIL AND GAS DEVELOPMENT AND PRODUCTION COVERING 1951
AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS



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F O O T N O T E S T O C O L U M N H E A D I N G S

T A B L E I

a All fields to be listed alphabetically, and if by counties, the latter also in alphabetical order.

b Use as many numbered lines as necessary to list in order of increasing depth each reservoir productive of oil, gas or condensate. In multi-reservoir fields the (upper) line on which the field name is placed should reflect, in certain columns, the totals of the separate reservoirs listed below it. Show name of producing formation, and show its age by abbreviation as follows: Cam, Cambrian; Ord, Ordovician; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Mis L, Lower Mississippian; Mis U, Upper Mississippian; Pen, Pennsylvanian; Per, Permian; Tri, Triassic; Jur, Jurassic; Cre L, Lower Cretaceous; Cre U, Upper Cretaceous; Eoc, Eocene; Olig, Oligocene; Mio, Miocene; Pli, Pliocene.

c Volume of gas produced from the field and not returned to the reservoir. Indicate measurement pressure base in special footnote.

d Only gas production shown in the gas production column of this table, and only oil shown in the oil production column of this table, should be considered in calculating entries for this column, i.e., entries should correspond with gas production for the year divided by oil production for the year.

e Include all original completions, but exclude workovers or well deepened or plugged back. Abandoned refers only to wells abandoned after having produced oil, gas or condensate and is not to include wells abandoned without having secured production.

f A well producing both oil and gas is classified as an oil well, unless it has been designated as a gas well by the State regulatory agency. Gas wells are wells producing gas only or condensate, and wells producing gas with some oil but classified as gas wells by the State regulatory agency.

g Show type of operation as indicated by the following symbols: P, pressure maintenance; G, gas injection; W, water injection; C, cycling.

h Show weighted average gravity A.P.I. as oil is de-

livered to the pipe lines and percentage of sulphur, if any, in the oil. Where oils from more than one reservoir are commingled and delivered into the pipe line at a gravity of 26 to 26.9, show as 26⁰, etc.

i Show character of formation by code letter as follows: A, anhydrite; C, chalk; Cg, conglomerate; Ch, chert; CR, cap rock; D, dolomite; Da, arkosic dolomite; Gw, granite wash; Sh, shale; L, limestone; LS, limestone, sandy; OL, oolitic limestone; S, sandstone.

j Figures represent ratio of pore space to total volume of net reservoir rock expressed in per cent. P indicates reservoir rock is of porous type, but ratio is not known by the author. C, indicates that the reservoir rock is of cavernous type; and F, fissure type.

k Show actual depth to top of producing zone or reservoir. If producing zone is a series of interbedded sands and shales, and the sands are all productive or capable of producing, show the depth to top of top sand member.

l Show actual average thickness that is producing or known to be productive. If, for example, average thickness of productive zone above water level is 50 feet, show 50 feet, even though wells are completed in only upper 10 or 15 feet of zone.

m A, anticlinal; AF, anticlinal with faulting as important factor; Af, anticlinal with faulting as minor factor; AM, accumulation due to both anticlinal and monoclinal structure; D, dome; DS, salt dome; H, strata are horizontal or nearly horizontal; MC, monocline with accumulation due to change in character of stratum; MF, monocline-fault; MI, monocline with accumulation against igneous barrier; ML, monocline-lense; MU, monocline-unconformity; MP, monocline with accumulation due to sealing at outcrop by asphalt; N, nose; S, syncline; SL, shoreline; T, terrace; TF, terrace with faulting as important factor.

n Show name of deepest stratigraphic zone tested and total depth of well that tested such zone, whether it is deepest well in field or not.

x Correct entry not determinable.

Oil And Gas Developments In Illinois

During 1951

By ALFRED H. BELL ^{1,2/} AND VIRGINIA KLINE ^{2/}

PRODUCTION AND DRILLING

In 1951 Illinois produced 60,244,000 bbls of oil, ^{3/} or 2.7 per cent of the total for the United States, dropping to seventh place in the country after having ranked sixth for eight consecutive years. Production decreased by three per cent from 1950, when the total Illinois production was 62,028,000 bbls ^{4/} (Fig. 2). Daily average production by months was as follows:

Months	Barrels	Months	Barrels
January	169,000	July	166,000
February	158,000	August	167,000
March	166,000	September	161,000
April	167,000	October	170,000
May	170,000	November	166,000
June	163,000	December	159,000

Production for January was slightly higher than for January, 1950; during July and November it was the same as in these months in 1950 and during the other nine months of 1951 daily production ranged, by months, from 1,000 to 12,000 bbls less than during the same months in 1950, averaging about 6,000 bbls lower. The number of producing wells completed during the year was about 25 per cent lower than during 1950. An increase in the amount of oil produced by secondary recovery methods compensated, in part, for the decrease in new oil found during 1951.

A total of 2,383 wells were drilled for oil or gas during 1951, a decrease of 511 wells from the total of 2,894 drilled in 1950. Of the 2,383 wells completed, 916 were oil wells, eight were gas wells, 714 were dry holes in pools, and 745 were unsuccessful wildcats. Producing wells made up about 39 per cent of all wells completed, as compared with 45 per cent during 1950. The percentage of successful wildcats was 11.2, or a drop of about 1 per cent. The percentage of successful pool completions was about 54 per cent, a decrease of five per cent.

Data on production and drilling by fields for Illinois are given in Table I, on annual production and drilling since 1936 for the State in Table III, and on drilling in 1951 by counties in Table V.

DISCOVERIES

Forty oil fields and one gas field (Table II A, Fig. 1), 53 extensions to oil fields (Table II B), and 22 new oil pays and two new gas pays in oil fields (Table II C) were discovered in 22 counties in Illinois in 1951, two more counties than in 1950.

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Of the 41 new pools, two, Christopher and Pinkstaff, were abandoned before the end of the year. The new field having the largest number of producing wells at the end of the year was Frogtown North, Clinton County, with 22 wells completed and development work still in progress. In most of the other new fields only one or two wells were completed at the end of the year, but rigs were in operation in several that were discovered near the end of the year, and it appeared that there were possibilities that they might develop into small but profitable pools. At the end of the year there were 113 producing oil wells and one capped gas well in the 41 new fields, as compared with 145 wells at the end of 1950 in the 24 new fields discovered during that year. Initial productions of new-field discovery wells ranged from nine to 490 bbls of oil, with a majority of them making less than 100 bbls.

A generalized geologic column for the southern Illinois oil region showing principal producing strata is shown in Fig. 3.

As in previous years, most of the new field discoveries in 1951 were in formations of Mississippian age. Of the 43 producing formations in the 41 discovery wells of new fields listed in Table II A, 37 are of Mississippian age, including nine in the Upper Mississippian Chester series and 28 in the Lower Mississippian Iowa series. Of the remaining six, three are in the Pennsylvanian, and three in the Devonian-Silurian. There were no Ordovician discoveries.

In addition to the three Devonian or Silurian pools discovered during the year (Assumption South, Beaucoup, and Okawville), two other discovery wells in the Devonian or Silurian were being completed at the end of the year. Although Frogtown North was discovered by a Lower Mississippian well, most of the wells in the pool produce from Devonian or Silurian pays. In this pool 18 Devonian or Silurian wells, the first of which went on production in April, 1951, had produced more than 242,000 bbls by the end of the year. These developments have given a considerable impetus to exploration for pre-Mississippian production. Most of the recent testing of the Devonian and lower systems has been done around the margin of the basin, with Clinton, Washington, Randolph, Christian, and Madison counties showing the most favorable results for the areas thus far tested. Although its discovery well had not been officially completed at the end of 1951, the Tilden pool, in Randolph County, showed promise of developing excellent production.

Two Pennsylvanian oil pools, Irvington East and Raymond East, and one Pennsylvanian gas pool, Livingston East, were discovered in 1951. Raymond East appears to be one of the most promising new pools for the year.

^{3/} Source of 1951 production figures is Illinois Basin Scout Association monthly reports which are based on pipeline runs.

^{4/} From U. S. Bureau of Mines Annual Petroleum Statement No P347, "Crude Petroleum and Petroleum Products, 1950 (Final Summary)."

EXPLORATORY DRILLING

Of the total number of wells drilled during 1951, 839, or 35 per cent, were wildcats. Of this number 509 were drilled less than 2 miles from production, discovering 25 new fields and 53 extensions to pools, or about 15.3 per cent successful. The 330 wildcats drilled more than 2 miles from production discovered 16 new fields, or 4.8 per cent successful.

In pools 50 wells were drilled to test deeper pays. Of these, two were successful. An extension well opened up a deeper pay in one other pool.

Unsuccessful Devonian or Silurian tests were drilled in one Pennsylvanian pool, Raymond, and nine Mississippian pools, Beaucoup South, Carlyle North, Dubois, Fairman, Iola Consolidated, Mt Carmel, Panama, Posey, and Siggins. A Trenton test was drilled in the old Frogtown pool, an upper Mississippian pool. Wildcat tests to the St. Peter or deeper formations were drilled in Adams, Monroe, Pulaski, Schuyler, and Whiteside counties.

During the year a deep well was begun in the New Harmony Consolidated pool which was intended to be the deepest well ever drilled in Illinois. At the end of the year it had not yet reached the record depth of 7,205 ft set in the Clay City Consolidated pool, but had reached a depth of about 6,000 ft and was still drilling.

The total footage of wildcat wells completed during the year was 1,901,149 ft of which 245,343 ft, or about 13 per cent, was drilled in successful wells. The average depth of wildcat wells drilled during 1951 was about 2,165 ft, approximately 150 ft deeper than the average depth of wildcats drilled in 1950. This reflects the emphasis on pre-Mississippian wildcat drilling on the northern and western margins of the basin in 1951 as opposed to a large amount of Pennsylvanian testing along the eastern edge of the state during the two previous years. A selected list of dry wildcats for 1951 is given in Table II D.

Geophysical exploration during the year included use of seismograph and gravity meter. There was a small amount of geochemical exploration by soil analysis. The number of geophysical parties operating throughout the year, by months and methods, is given in Table VI.

DEVELOPMENT

Wells were completed in 52 counties in Illinois in 1951, the same number as in 1950, extending from Whiteside on the north to Pulaski on the south and from the Mississippi River on the west to the Indiana border on the east. Over half the wells drilled were concentrated in six counties; White, Hamilton, Wayne, Richland, Clay, and Wabash. Thirteen counties or one-quarter of those drilled in, accounted for over three-quarters of all completions. Producing wells were drilled in 28 counties. The six counties listed above had almost two-thirds of the producing wells completed.

Clay County had the largest number of new fields for the year, with six discovered, none of which appeared to be of importance. Hamilton and Wayne counties each had four new fields, each with one better than average discovery (Blairsville West and Zenith North).

Fields with the largest number of successful completions for the year were Clay City Consolidated with 73, New Harmony Consolidated with 61, Dale Consolidated with 45, and Phillips-town Consolidated with 36.

The average depth of all wells drilled for oil and gas in Illinois in 1951 was 2,493 ft, or about 260 feet deeper than during 1950. Depths of producing wells completed during the year varied from about 300 ft to almost 3,400 ft.

In fields discovered since 1936, the total number of wells producing at the end of 1951 was 17,436; in older fields the number was approximately 9,407, or a total for the state of 26,843 wells producing at the end of 1951.

PRODUCTIVE ACREAGE

The area of proved production, including abandoned production, in Illinois at the end of 1951 was 412,050 acres for oil and 17,965 acres for gas. Of this amount, 298,305 oil acres and 6,640 gas acres were in pools discovered since 1936. About 15,000 acres were added in 1951 by new pools discovered during the year and development and extensions of older pools.

ESTIMATED PETROLEUM RESERVES

The Illinois Geological Survey estimates that on Jan. 1, 1952, the oil reserves in Illinois that can be produced from wells now in existence by methods in use in each area total 692.7 million bbls. This represents an increase of 77 million bbls over the estimate for Jan. 1, 1951, and the factors in this change are shown in the following table:

	Millions of Bbl.
Estimated reserves, Jan. 1, 1951	615.7
Withdrawal by 1951 production	<u>60.2</u>
	555.5
Added by new drilling in 1951	<u>28.8</u>
	584.3
Added by upward revision due mainly to secondary recovery operations (water flooding)	<u>108.4</u>
Estimated reserves, Jan. 1, 1952	692.7

The 939 producing oil wells completed in 1951 added estimated oil reserves of 28.8 million bbls, or an average of about 30,000 bbls per well. This compares with an average of about 29,800 bbls per well in the previous year (39.1 million bbls for 1,309 producing oil wells completed in 1950).

Of the 28.8 million bbls of reserves added by the 1951 drilling, it is estimated that four per cent is in Pennsylvanian sandstones, 91 per cent in Mississippian sandstones and limestones, 5 per cent in Devonian-Silurian limestones, and less than one per cent in Ordovician limestones. The most important pay zones are in the Ste. Genevieve formation, which is estimated to have 36 per cent of the reserves added by 1951 drilling, the Cypress sandstone with 26 per cent, and the Aux Vases sandstone with 19 per cent. The Devonian-Silurian, which accounted for only about 0.3 per cent of the reserves added by 1950 drilling, is given five per cent of the 1951 total.

ECONOMIC DATA

The price of crude oil throughout 1951 remained at \$2.77 for most Illinois fields, although small amounts sold at higher and lower prices. The value (at the wells) of the crude oil produced in Illinois during the year was approximately \$166,876,900. To this should be added the value (at the plants) of natural gasoline and liquified petroleum gases produced in the state in 1951, which is estimated to be approximately \$8,687,700. This gives a total value of \$175,564,600 for liquid products from Illinois oil fields in 1951.

The crude oil produced in Illinois during 1951, amounting to 60,244,000 bbls, is 13 per cent of runs-to-stills for refineries in the Central Refining district (Illinois, Indiana, Kentucky, Michigan, western Ohio, and Wisconsin).

Stocks of crude petroleum on hand in Illinois (including Minnesota and Wisconsin) on Dec. 31, 1951, were 20,250,000 bbls, as compared with 16,811,000 bbls on Dec. 31, 1950. Stocks of refined products in the Central Refining District, according to the

U. S. Bureau of Mines, were as follows:

Product	Dec. 31, 1951		Dec. 31, 1950	
	Bbl		Bbl	
Gasoline	28,500,000		24,560,000	
Kerosene	5,146,000		4,212,000	
Distillate Fuel Oil	15,892,000		10,251,000	
Residual Fuel Oil	5,715,000		3,619,000	

GAS AND GAS PRODUCTS

An estimated 45 billion cu ft solution gas was produced from Illinois oil wells during 1950, and about a quarter billion cu ft of gas was produced from gas wells in oil fields, either in gas caps or in separate reservoirs in the oil areas. The production of gas from Illinois gas fields was insignificant, amounting to only a few million cu ft during 1951.

Most of the 236 million cu ft of Illinois gas marketed during the year, as shown in Table VIII, came from dry gas wells within oil fields. In addition to the gas marketed, a somewhat smaller amount from gas wells in oil fields was used as fuel on leases.

About 12.8 billion cu ft of solution gas from oil wells was utilized in Illinois natural gasoline plants during 1951. According to preliminary figures from the U. S. Bureau of Mines, 124,110,000 gals of natural gasoline and allied products was extracted from this gas in the natural gasoline plants. This compares with a total yield of 130,494,000 gals during 1950. Data collected by the Illinois Basin Scout Association indicated that approximately 1.7 billion cu ft of dry residue gas from these plants was returned to the formation with the remainder being used as plant or lease fuel. The amount of plant residue gas flared was negligible.

In addition to the 12.8 billion cu ft of metered solution gas processed, it is believed that an additional 10 to 15 billion cu ft of unmetered solution gas was used, largely for lease fuel. When compared with the estimated 45 billion cu ft of produced solution gas, it is obvious that the amount flared is greater than the amount used.

Eight new gas wells scattered in five pools and five counties in Illinois, which had a combined initial open flow capacity of 13.9 cu ft daily, were completed in 1951. Five of these, three in Louden and one each in Cottonwood and Herald, are being utilized, the others being shut in or abandoned because of lack of market.

GAS PRODUCED IN ILLINOIS AND MARKETED IN 1951

Field, County	Market	Amount Used
Cottonwood, Gallatin }		160,659,000
Herald, White }	Carmi	25,752,500
Storms, White		20,453,000
Louden, Fayette	Vandalia, St. Elmo	27,752,000
Panama, Bond, Montgomery		2,000,000
		236,616,500

The underground storage of natural gas for the purpose of augmenting supplies during periods of high seasonal demand and permitting the long distance pipelines to operate steadily at nearly their capacity rate has received much attention in Illinois during 1951. The Mississippi River Fuel Corporation is now conducting an experimental storage operation in the Roubidoux-Gasconade formation on the Waterloo anticline about 15 miles south of St. Louis, Missouri. If successful, this storage operation will be an important factor in supplying gas consumers in St. Louis.

The Natural Gas Storage Co. of Illinois applied to the Illinois Commerce Commission in November, 1951, for approval of a project to store natural gas underground in the Galesville-Ironton formation on the Herscher dome in Kankakee County. Storage of 90 billion cu ft or more of natural gas from the Mid-Continent and Gulf Coast areas is contemplated. This is for the purpose of increasing gas supplies available to consumers in Chicago and the surrounding area.

SECONDARY RECOVERY

The development of secondary recovery by water flooding over the state is continuing to increase according to Paul A. Witherspoon, Head of the Petroleum Engineering Division, Illinois State Geological Survey. As of Jan. 1, 1951, there were 64 water floods in operation, and by the end of 1951, it is estimated that there were approximately 100 projects operating in 45 different oil fields. As of Dec. 31, 1951, the crude oil recovered by this method of secondary recovery is estimated to be 25 million bbls.

A project that has received a great deal of attention is the Benton Unit in Franklin County operated by the Shell Oil Co. This water flood was started in November, 1949, and currently covers 2,200 acres. The accumulated water flood oil recovery at the end of 1951 was approximately 1,750,000 bbls. During December, 1951, the daily average production of the Benton field was slightly below 8,000 bbls, as compared with 1,500 B/D two years earlier and before water flooding began.

Secondary recovery operations are expected to contribute a progressively increasing proportion of the state's total oil production during the next few years.

ACKNOWLEDGMENTS

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TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION		YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl
		NAME AND AGE ^b	AREA PROVED ACRES		BARRELS		AREA PROVED ACRES	MILLION CU FT ^c	
				TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951	GAS/OIL RATIO ^d MCF/BBL
1	Warrenton - Borton, Edgar	Unnamed; Pen	1906 120	30,000	500	0	0	0	
2	Westfield, Clark-Coles		1904 10,000	x	x	x	x	x	
3		Shallow Gas; Pen	9,050	x	x	x	x	x	
4		Westfield; Mis L	9,000	x	x	x	x	x	
5		Trenton; Ord	300	x	7,000	0	0	0	
6		4							
7	Siggins, Cumberland-Clark		1906 4,000	x	x	x	x	x	
8		1st Siggins; Pen	3,200	x	x	x	x	x	
9		2nd & 3rd Siggins; Pen	500	x	x	x	x	x	
10	York, Cumberland-Clark ⁵	Lower Siggins; Pen	1,000	x	x	x	x	x	
11	Casey, Clark	York; Pen	350	x	x	x	x	x	0
12			1906 2,100	x	x	x	x	x	
13		Upper Gas; Pen	200	x	x	x	x	x	
14		Lower Gas; Pen	400	x	x	x	x	x	
15		Casey; Pen	1,540	x	x	x	x	x	
16		Carper; Mis L	20	x	x	x	0	0	0
17	Martinsville, Clark		1907 1,450	x	x	x	x	x	
18		Shallow; Pen	35	x	x	x	x	x	
19		Casey; Pen	350	x	x	x	x	x	
20		Martinsville; Mis L	710	x	x	x	x	x	
21		Carper; Mis L	650	x	x	x	0	0	0
22		Devonian; Dev	660	x	x	x	0	0	0
23		Trenton; Ord	20	x	x	x	0	0	0
24	Johnson North, Clark		1907 2,400	x	x	x	x	x	
25		Claypool; Pen	1,200	x	x	x	x	x	
26		Shallow; Pen	200	x	x	x	x	x	
27		Casey; Pen	900	x	x	x	x	x	
28		Upper Partlow; Pen	250	x	x	x	x	x	
29		Carper; Mis L	20	x	x	x	0	0	0
30	Johnson South, Clark		1907 2,200	x	x	x	x	x	
31		Claypool; Pen	200	x	x	x	x	x	
32		Casey; Pen	300	x	x	x	x	x	
33		Upper Partlow; Pen	1,700	x	x	x	x	x	
34		Lower Partlow; Pen	850	x	x	x	x	x	
35	Bellair, Crawford-Jasper		1907 1,500	x	x	x	x	x	
36		"500 ft."; Pen	x	x	x	x	x	x	
37		"800 ft."; Pen	x	x	x	x	x	x	
38		"900 ft."; Pen	x	x	x	x	x	x	
39	Clark County Division ⁶		1906 24,000	62,162,000	1,660,000	x	x	x	
40	Main, Crawford ⁷		35,800	x	x	x	x	x	
41		Shallow; Pen	340	x	x	x	x	x	
42		Robinson; Pen	34,420	x	x	x	x	x	
43		Bethel; Mis U	20	x	x	x	0	0	0
44		Oblong; Mis L	1,000	x	x	x	0	0	0
45		Salem; Mis L	180	x	x	x	0	0	0
46		Devonian; Dev	30	x	x	x	0	0	0
47	New Hebron, Crawford	Robinson; Pen	1909 1,570	x	x	x	x	x	
48	Chapman; Crawford	Robinson; Pen	1914 1,560	x	x	x	x	x	
49	Parker, Crawford	Robinson; Pen	1907 1,340	x	x	x	x	x	
50	Allison-Weger, Crawford	Robinson; Pen	x 1,100	x	x	x	x	x	
51	Flat Rock, Crawford ⁸	Robinson; Pen	x 1,950	x	x	x	x	x	0
52	Birds, Crawford-Lawrence	Robinson; Pen	x 4,485	x	x	x	x	x	
53	Crawford County Division ⁹		1906 47,805	160,864,000	1,518,000	x	x	x	0
54	Lawrence, Lawrence-Crawford		26,700	x	x	x	x	x	
55		Pennsylvanian; Pen	85	x	x	x	x	x	
56		Bridgeport; Pen	5,060	x	x	x	x	x	
57		Buchanan; Pen	2,300	x	x	x	x	x	
58		"Gas"; Mis U	1,440	x	x	x	x	x	
59		Tar Springs; Mis U	10	x	x	x	0	0	0
60		Hardinsburg; Mis U	10	x	x	x	0	0	0
61		Jackson; Mis U	10	x	x	x	0	0	0
62		Cypress (Kirkwood); Mis U	16,300	x	x	x	x	x	
63		Bethel (Tracey); Mis U	4,600	x	x	x	x	x	
64		Aux Vases; Mis U	20	x	x	x	0	0	0
65		Lower Ohara; Mis L	10	x	x	x	0	0	0
66		Rosiclare; Mis L	250	x	x	x	0	0	0
67		McClosky; Mis L	7,400	x	x	x	0	0	0
68		Salem, Mis L	10	x	x	x	0	0	0
69		4							
70	St. Francisville, Laurence	Bethel; Mis U	x 420	x	x	x	x	x	
71	Lawrence County Division ¹¹		27,120	246,576,000	1,951,000	x	x	x	

TABLE I - A. H. BELL AND VIRGINIA KLINE

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION NAME AND AGE ^b	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c		GAS/OIL RATIO ^d MCF/BBL	TO END OF 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951		
72	Allendale, <i>Wabash-Lawrence</i> ¹²	Pennsylvanian; Pen	1912	6,000	12,668,000	601,000	0	0	0	0	
73		Bridgeport; Pen		x	x	x	0	0	0	0	
74		Buchanan; Pen		x	x	x	0	0	0	0	
75		Biehl; Pen		x	x	x	0	0	0	0	
76		Jordan; Pen		x	x	x	0	0	0	0	
77		Waltersburg; Mis U		x	x	x	0	0	0	0	
78		Tar Springs; Mis U		x	x	x	0	0	0	0	
79		Hardinsburg; Mis U		x	x	x	0	0	0	0	
80		Cypress; Mis U		x	x	x	0	0	0	0	
81		Bethel; Mis U		x	x	x	0	0	0	0	
82		Aux Vases; Mis U		x	x	x	0	0	0	0	
83		Lower Ohara; Mis L		x	x	x	0	0	0	0	
84		Rosiclare; Mis L		x	x	x	0	0	0	0	
85		McClosky; Mis L		x	x	x	0	0	0	0	
86		4									
87	Total Southeastern Fields ¹³			105,045	482,300,000	5,730,000	x	x	0		
88											
89	Ayers (Gas), <i>Bond</i> ¹⁴	Bethel; Mis U	1922	0	0	0	325	298.7	0		
90	Greenville (Gas), <i>Bond</i> ¹⁵	Lindley (1st & 2nd); Mis U	1910	0	0	0	160	990.0	0		
91	Bartelso, <i>Clinton</i>										
92		Carlyle; Mis U	1936	580	2,085,000	66,000	0	0	0		
93		Devonian; Dev		350	1,145,000	24,000	0	0	0		
94	Carlyle, <i>Clinton</i>	Carlyle (Cypress); Mis U	1911	230	940,000	42,000	0	0	0		
95	Frogtown, <i>Clinton</i> ¹⁶	Carlyle (Cypress); Mis U	1918	915	3,736,000	32,000	0	0	0		
96		Carlyle (Cypress); Mis U		300		500	0	0	0		
97	Ava-Campbell Hill, <i>Jackson</i> ¹⁹	Cypress; Mis U	1917	440	x	0	0	0	0		
98	Colmar-Plymouth, <i>Hancock-McDonough</i>	Hoing; Dev	1914	2,500	3,734,000	74,000	0	0	0		
99	Carlinville, <i>Macoupin</i> ²⁰	Unnamed; Pen	1909	80	x	1,000	0	0	0		
100	Gillespie-Bendl (Gas), <i>Macoupin</i> ²¹	Unnamed; Pen	1923	0	0	0	80	135.8	0		
101	Gillespie-Wyen, <i>Macoupin</i>	Unnamed; Pen	1915	80	x	500	0	0	0		
102	Spanish Needle Creek (Gas); <i>Macoupin</i> ²²	Unnamed; Pen	1915	0	0	0	80	14.4	0		
103	Staunton (Gas), <i>Macoupin</i> ²³	Unnamed; Pen	1916	0	0	0	400	1,050.0	0		
104	Collinsville, <i>Madison</i> ²⁴	Devonian-Silurian	1909	40	1,000	0	0	0	0		
105	Brown, Junction City, <i>Langewisich-Kuester, Marion</i>		1910	175	x	5,000	0	0	0		
106		Dykstra-Wilson; Pen		60	x	x	0	0	0		
107	Sandoval, <i>Marion</i>	Cypress; Mis U	1909	115	x	x	0	0	0		
108				480	5,596,000	42,000	0	0	0		
109		Bethel, Mis U		460	2,705,000	0	0	0	0		
110	Wamac, <i>Marion-Clinton-Washington</i>	Devonian; Dev		390	2,891,000	42,000	0	0	0		
		Petro; Pen	1921	250	560,000	9,000	0	0	0		
111	Litchfield, <i>Montgomery</i> ²⁵	Unnamed; Pen	1879	100	24,000	0	0	0	0		
112	Waterloo, <i>Monroe</i> ²⁶	Trenton; Ord	1920	230	236,000	0	0	0	0		
113	Jacksonville (Gas), <i>Morgan</i> ²⁷	Gas; Pen, Mis L	1910	x	2,000	0	1,320	x	0		
114	Pittsfield (Gas), <i>Pike</i> ²⁸	Niagaran; Sil	1886	0	0	0	8,960	x	0		
115	Sparta, <i>Randolph</i> ²⁹	Cypress; Mis U	1888	165	x	0	0	0	0		
116	Dupo, <i>St. Clair</i>	Trenton; Ord	1928	2,400	2,649,000	80,000	0	0	0		
117	Total of fields discovered prior to January 1, 1937 ³⁰			113,745	501,023,000	6,097,000	11,325	2,506.5	0		
118	Ab Lake, <i>Gallatin</i>		1947	40	18,000	1,000	0	0	0		
119		Renault; Mis		40	x	x	0	0	0		
120		Aux Vases; Mis U ³¹		40	x	x	0	0	0		
121		4		Renault; Mis U	10	1,000	500	0	0		
122	Ab Lake West, <i>Gallatin</i>			1950	6,226,000	243,000	0	0	0		
123	Aden Consolidated, <i>Wayne-Hamilton</i>										
124		Aux Vases; Mis U		800	x	x	0	0	0		
125		Lower Ohara; Mis L ³¹		40	x	x	0	0	0		
126		Rosiclare; Mis L		40	x	x	0	0	0		
127		McClosky; Mis L		2,300	x	x	0	0	0		
128		Salem; Mis L		20	x	x	0	0	0		
129		4									
130	Aden South, <i>Hamilton</i>		1945	480	231,000	122,000	0	0	0		
131		Aux Vases; Mis U		60	x	x	0	0	0		

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING ^f DEC 1951			RESERVOIR PRESSURE ¹ PSI		CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁿ TO END OF 1951		NAME	DEPTH OF HOLE, FT.			
	COMPLETED TO END 1951	COMPLETED	ABANDONED	FLOWING	OIL ³	ARTIFICIAL LIFT				SECONDARY RECOVERY ^g	GRAVITY ² A.P.J.	SULPHUR PER CENT	POROSITY PER CENT ^j	DEPTH TO TOP OF PRODUCING ZONE FT. ^k	PROD. THICKNESS AVG. FT./NET	STRUCTURE ^m			
72	756	8	19	0	375	0			x	x	x	x	P	400	x	AM	Mis L	2,571	
73	1	0	0	0	x	0			x	x	x	x	P	1,070	12	AM			
74	12+	1	0	0	x	0			x	x	x	x	P	1,290	15	AM			
75	x	0	0	0	x	0			x	x	x	x	P	1,425	20	AM			
76	542	3	4	0	x	0			x	x	x	x	P	1,490	10	AM			
77	4	0	0	0	x	0			x	x	x	x	P	1,540	15	AM			
78	21	1	4	0	x	0			x	x	x	x	P	1,600	20	AM			
79	10	0	3	0	x	0			x	x	x	x	P	1,780	10	AM			
80	1	0	0	0	x	0			x	x	x	x	P	1,920	10	AM			
81	6	1	0	0	x	0			x	x	x	x	P	2,010	10	AM			
82	69	2	5	0	x	0			x	x	x	x	P	2,280	12	AM			
83	3	0	1	0	x	0			x	x	x	x	L	2,300	10	AM			
84	2	0	0	0	x	0			x	x	x	x	P	2,300	5	AM			
85	3	0	0	0	x	0			x	x	x	x	P	2,300	8	AM			
86	12+	0	2	0	x	0			900	x	x	x	L						
87	7	0	0	0	x	0							P						
88	19,657	86	374	81	8,987	0													
89	21	0	0	0	0	0			355	x	x		S	P	940	5	A	Ord	3,044
90	4	0	0	0	0	0			x	x			S	P	925	x	A	Dev	3,290
91	77	0	0	0	50	0									R ¹⁶		St. Peter	4,212	
92	51	0	0	0	29	0			x	x			S	P	985	24	D		
93	26	0	0	0	21	0			x	x			L	P	2,420	12	D		
94	173	3	4	0	30	0			x	x			S	P	1,035	20	AL ¹⁷	St. Peter	4,120
95	14	1	0	0	2	0			x	x			S	P	950	7	ML	Sil	2,444
96	35	0	0	0	0	0			x	x			S	P	780	18	A	Dev	2,530
97	493	0	2	0	193	0			x	x			S	P	450	21	AL	Ord	805
98	8	0	0	0	3	0			135	x			S	P	380	x	A	Mis	1,380
99	4	0	0	0	0	0			155	x			S	P	540	x	A	Pen	575
100	23	0	0	0	7	0			x	x			S	P	650	x	T	Ord	2,560
101	7	0	0	0	0	0			x	x			S	P	305	x	D	Pen	495
102	18	0	0	0	0	0			145	x			S	P	460	x	A	Ord	2,371
103	6	0	0	0	0	0			x	x			L	C	1,305	20	ML	St. Peter	2,177
104	16	1	0	0	4	0							S	P	610	20	Mf	Dev	3,355
105	8	1	0	0	x	0			x	x			S	P	1,660	15	N		
106	8	0	0	0	x	0			x	x			S	P	720	20	R	St. Peter	5,023
107	151	0	2	0	15	0			x	x			S	P	1,540	20	D		
108	123	0	0	0	0	0			x	x			S	P	2,920	9	D		
109	28	0	2	0	15	0			x	x			S	P	720	20	D	Mis L	1,760
110	106	0	1	0	4	0			x	x			S	P					
111	18	0	0	0	0	0			x	x			S	P	660	x	D	Pen	774
112	41	0	0	0	0	0			x	x			L	C	410	50	A	Cam	1,801
113	53	0	0	0	0	0			x	x			S	P	330	5	ML	Ord	1,390
114	68	0	0	0	0	0			x	x			L	P	265	10	A	Pre-Cam	2,226
115	20	0	0	0	0	0			x	x			S	P	850	7	D	Mis U	985
116	320	1	5	0	31	0			x	x			L	C	700	50	A	Ord	1,800
117	21,333	92	388	81	9,326	0													
118	2	0	1	0	1	0			x	x			S	P	2,735	8	MF	Mis L	2,941
119	2	0	0	0	0	0			x	x			S	P	2,770	9	MF		
120	0	0	0	0	0	0													
121	0	0	1	0	1	0													
122	1	0	0	0	1	0			x	x			L	P	2,725	6	MC	Mis L	2,867
123	90	0	0	0	72	0										A	Dev	5,395	
124	5	0	0	0	15	0			x	x			S	P	3,175	12	A		
125	0	0	0	0	0	0			x	x			L	P	3,290	7	A		
126	2	0	0	0	0	0			x	x			S	P	3,320	5	A		
127	72	0	0	0	23	0			x	x			L	P	3,350	8	A		
128	0	0	0	0	1	0			x	x			L	P	3,735	16	A		
129	11	0	0	0	33	0			x	x			S	P				Mis L	
130	19	3	1	0	18	0			x	x			S	P	3,245	8	AL		3,466
131	2	1	0	0	2	0			x	x			S	P					

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl		
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c		
		NAME AND AGE ^b			TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951	
132		Lower Ohara; Mis L ³¹			x	x	0	0	0	
133		Rosiclare; Mis L		460	x	x	0	0	0	
134		McClosky; Mis L			x	x	0	0	0	
135		4								
136	Akin, Franklin		1942	280	547,000	54,000	0	0	0	
137		Cypress; Mis U		180	x	x	0	0	0	
138		Aux Vases; Mis U		80	x	x	0	0	0	
139		McClosky; Mis L ³²		20	x	x	0	0	0	
140		4								
141	Akin West; Franklin		1948	100	39,000	13,000	0	0	0	
142		Cypress; Mis U		20	x	x	0	0	0	
143		Lower Ohara; Mis L ³¹		20	x	x	0	0	0	
144		Rosiclare; Mis L ³¹		20	x	x	0	0	0	
145		McClosky; Mis L		60	x	x	0	0	0	
146		4								
147	Albion Consolidated, Edwards-White		1940	4,700	10,604,000	1,248,000	40	0	0	
148		Pennsylvanian; Pen			0	0	40	0	0	
149		Mansfield; Pen			x	x	0	0	0	
150		Bridgeport; Pen		1,500	x	x	0	0	0	
151		Biehl; Pen			x	x	0	0	0	
152		Degonia; Mis U ³¹		10	x	x	0	0	0	
153		Waltersburg; Mis U		630	x	x	0	0	0	
154		Tar Springs; Mis U		60	x	x	0	0	0	
155		Hardinsburg; Mis U		60	x	x	0	0	0	
156		Cypress; Mis U		320	x	x	0	0	0	
157		Bethel; Mis U		310	x	x	0	0	0	
158		Renault; Mis U		100	x	x	0	0	0	
159		Aux Vases; Mis U		580	x	x	0	0	0	
160		Lower Ohara; Mis L		100	x	x	0	0	0	
161		Rosiclare; Mis L		100	x	x	0	0	0	
162		McClosky; Mis L		1,600	x	x	0	0	0	
163		4								
164	Albion East, Edwards		1943	560	790,000	77,000	0	0	0	
165		Cypress; Mis U		160	x	x	0	0	0	
166		Paint Creek; Mis U ³²		10	x	x	0	0	0	
167		Bethel; Mis U		20	x	x	0	0	0	
168		Renault; Mis U		40	x	x	0	0	0	
169		Aux Vases; Mis U		70	x	x	0	0	0	
170		Lower Ohara; Mis L			x	x	0	0	0	
171		Rosiclare; Mis L		360	x	x	0	0	0	
172		McClosky; Mis L			x	x	0	0	0	
173		4								
174	Alma, Marion		1941	60	71,000	2,000	0	0	0	
175		Bethel; Mis U			x	x	0	0	0	
176		Rosiclare; Mis L		40	x	x	0	0	0	
177	Amity, Richland	McClosky; Mis L	1942	160	19,000	1,000	0	0	0	
178	Assumption, Christian	Devonian; Dev	1948	200	15,000	5,000	0	0	0	
179	Assumption North, Christian		1948	1,760	3,119,000	809,000	0	0	0	
180		Bethel; Mis U		400	x	x	0	0	0	
181		Rosiclare; Mis L		320	x	x	0	0	0	
182		Devonian; Dev		1,760	1,795,000	445,000	0	0	0	
183	Assumption South, Christian	Devonian; Dev	1951	20	500	500	0	0	0	
184	Barnhill, Wayne		1939	1,060	2,410,000	96,000	0	0	0	
185		Aux Vases; Mis U		80	x	x	0	0	0	
186		Lower Ohara; Mis L			x	x	0	0	0	
187		Rosiclare; Mis L		1,000	x	x	0	0	0	
188		McClosky; Mis L			x	x	0	0	0	
189		Salem; Mis L		60	x	x	0	0	0	
190		4								
191	Bartelso East, Clinton		1950	120	36,000	33,000	0	0	0	
192		Devonian; Dev		120	x	x	0	0	0	
193		Silurian; Sil		20	x	x	0	0	0	
194	Bartelso South, Clinton	Devonian; Dev	1942	100	21,000	1,000	0	0	0	
195	Bartelso West, Clinton	Cypress; Mis U	1945	120	7,000	1,000	0	0	0	
196	Beauclerc, Washington	Devonian; Dev	1951	20	3,000	3,000	0	0	0	
197	Beauclerc South, Washington	Bethel; Mis U	1951	60	8,000	8,000	0	0	0	
198	Beaver Creek, Bond-Clinton	Bethel; Mis U	1942	150	119,000	13,000	0	0	0	

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING ^f DEC 1951			RESERVOIR PRESSURE ^g PSI	INITIAL GAS	AVG./END 1951	SECONDARY RECOVERY ^h	CHARACTER OF OIL ⁱ	PRODUCING FORMATION			DEEPEST ZONE TESTED ^j TO END OF 1951					
	COMPLETED TO END 1951	COMPLETED	ABANDONED	FLOWING	OIL ^k	ARTIFICIAL LIFT						CHARACTER ^l	SULPHUR PER CENT	CHARACTER ^m	POROSITY PER CENT	DEPTH TO TOP OF PRODUCING ZONE FT ⁿ	PROD. THICKNESS AVG. FT ^o /NET	STRUCTURE ^p	NAME	DEPTH OF HOLE, FT.
132	0	0	0	0	0	0	0	x	x	x	x	39.0	x	L	P	3,310	7	AC	Mis L	3,515
133	1	0	0	0	0	1	0	x	x	x	x	39.0	x	L	P	3,330	8	AC		
134	8	1	1	0	0	7	0	x	x	x	x	39.0	x	L	P	3,395	9	AC		
135	8	1	0	0	0	8	0	x	x	x	x	33.4	0.14	S	P	2,840	10	A		
136	15	0	0	0	0	14	0	x	x	x	x	37.8	0.12	S	P	3,120	9	AL		
137	11	0	0	0	0	10	0	x	x	x	x	37.8	x	S	P	3,270	9	AL		
138	3	0	0	0	0	4	0	x	x	x	x	37.8	x	L	P	3,120	9	AC		
139	0	0	0	0	0	0	0	x	x	x	x	37.8	x	S	P	3,130	4	AC		
140	1	0	0	0	0	0	0	x	x	x	x	37.8	x	S	P	2,715	8	A		
141	6	1	0	0	0	6	0	x	x	x	x	37.8	x	S	P	3,050	10	AL		
142	2	0	0	0	0	2	0	x	x	x	x	37.8	x	S	P	3,080	12	AC	Mis L	3,435
143	0	0	0	0	0	0	0	x	x	x	x	37.8	x	S	P	3,130	4	AC		
144	0	0	0	0	0	0	0	x	x	x	x	37.8	x	S	P	2,715	8	AL		
145	3	1	0	0	0	3	0	x	x	x	x	37.8	x	S	P	3,050	10	AC		
146	1	0	0	0	0	1	0	x	x	x	x	37.8	x	S	P	3,080	12	AC		
147	345	22	5	0	307	0	W					37.8	x	S	P	3,130	4	AC		
148	1	0	0	0	0	0	x	x	x	x	35.4	x	S	P	1,490	6	MF	Dev	5,185	
149	4	1	0	0	0	3	0	500	x	x	x	35.4	x	S	P	1,650	5	MF		
150	16	0	0	0	0	14	0	255	x	x	x	35.4	x	S	P	1,860	15	MF		
151	94	14	1	0	87	0	600	x	x	x	x	34.0	x	S	P	1,995	17	MF		
152	0	0	0	0	0	0	x	x	x	x	35.4	x	S	P	2,125	9	MF			
153	37	2	0	0	0	32	0	x	x	x	x	34.8	x	S	P	2,365	16	AL		
154	2	0	0	0	0	2	0	x	x	x	x	36.0	x	S	P	2,400	5	AL		
155	3	0	0	0	0	1	0	x	x	x	x	36.0	x	S	P	2,635	10	A		
156	26	0	0	0	0	26	0	x	x	x	x	36.0	x	S	P	2,860	15	A		
157	13	1	0	0	0	16	0	x	x	x	x	35.2	x	S	P	2,960	14	Af		
158	0	0	0	0	0	2	0	x	x	x	x	35.4	x	S	P	3,000	13	Af	Mis L	3,254
159	27	3	2	0	0	24	0	475	x	x	x	35.4	x	S	P	3,045	18	Af		
160	5	0	0	0	0	3	0	x	x	x	x	40.0	x	L	P	3,110	5	AC		
161	3	0	0	0	0	3	0	x	x	x	x	35.4	x	L	P	3,130	10	AC		
162	78	0	0	0	0	47	0	x	x	x	x	35.2	x	L	P	3,140	12	AC		
163	36	1	2	0	0	47	0	90	x	x	x	35.2	x	L	P	2,800	7	A		
164	33	1	2	0	0	30	0	x	x	x	x	35.4	x	S	P	2,910	6	A		
165	7	1	1	0	0	6	0	x	x	x	x	35.4	x	S	P	2,920	6	A		
166	0	0	0	0	0	0	x	x	x	x	35.4	x	S	P	2,925	10	A			
167	1	0	0	0	0	2	0	x	x	x	x	39.4	0.14	S	P	3,020	17	A		
168	2	0	0	0	0	2	0	x	x	x	x	39.4	0.26	S	P	3,100	7	A	Mis L	3,692
169	4	0	0	0	0	5	0	x	x	x	x	39.4	0.14	S	P	3,125	7	A		
170	6	0	1	0	0	5	0	x	x	x	x	39.4	0.17	OL	P	3,155	7	A		
171	2	0	0	0	0	2	0	x	x	x	x	38.9	x	L	P	3,155	7	A		
172	6	0	0	0	0	6	0	x	x	x	x	38.9	x	L	P	2,960	5	MC		
173	5	0	0	0	0	2	0	x	x	x	x	38.9	x	L	P	2,960	15	A		
174	4	0	0	0	0	2	0	x	x	x	x	38.9	x	L	P	2,960	15	A		
175	2	0	0	0	0	1	0	x	x	x	x	38.9	x	L	P	2,960	15	A		
176	2	0	0	0	0	1	0	x	x	x	x	38.9	x	L	P	2,960	15	A		
177	4	0	0	0	0	2	0	x	x	x	x	38.9	x	L	P	2,960	15	A		
178	6	2	0	0	0	6	0	x	x	x	x	38.9	x	L	P	2,960	15	A	Ord	3,099
179	139	5	0	0	0	127	0	W				38.9	x	L	P	2,960	15	A		
180	40	0	0	0	0	30	0	x	x	x	x	38.0	x	S	P	1,050	10	A		
181	16	0	0	0	0	16	0	x	x	x	x	38.0	x	S	P	1,170	4	AL		
182	83	5	0	0	0	81	0	x	x	x	x	40.0	x	L	P	2,300	8	A		
183	1	1	0	0	0	1	0	x	x	x	x	40.0	x	L	P	2,635	15	X	Dev	2,740
184	78	0	0	0	0	37	0	x	x	x	x	37.6	x	S	P	3,325	15	AL	Mis L	3,878
185	4	0	0	0	0	4	0	x	x	x	x	37.6	x	S	P	3,370	6	AC		
186	2	0	0	0	0	0	0	x	x	x	x	37.6	x	S	P	3,400	9	AC		
187	1	0	0	0	0	0	0	x	x	x	x	37.6	x	S	P	3,450	10	AC		
188	67	0	0	0	0	30	0	x	x	x	x	39.0	x	L	P	3,795	8	AC		
189	1	0	0	0	0	1	0	x	x	x	x	39.0	x	L	P	2,540	7	R	Sil	2,788
190	3	0	0	0	0	2	0	x	x	x	x	39.0	x	L	P	2,600	8	R	Sil	2,788
191	6	5	0	0	0	6	0	x	x	x	x	41.6	x	L	P	2,475	3	A	Dev	2,652
192	6	5	0	0	0	5	0	x	x	x	x	40.0	0.15	L	P	930	10	A	Dev	2,520
193	0	0	0	0	0	1	0	x	x	x	x	40.0	0.15	L	P	3,070	4	A	Sil	3,303
194	3	1	0	0	0	3	0	x	x	x	x	40.0	0.15	S	P	1,430	6	AL	Dev	3,122
195	8	1	0	0	0	3	0	x	x	x	x	40.0	0.15	S	P	1,130	6	A	Dev	2,526

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION NAME AND AGE ^b	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU. FT. ^c		GAS/OIL RATIO ^d MCF/BBL	TO END OF 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951		
199	Beaver Creek North, Bond	Bethel; Mis U	1949	40	500	0	0	0	0	0	
200	Beaver Creek South, Clinton	Bethel; Mis U	1946	460	111,000	69,000	0	0	0	0	
201	Belle Prairie, Hamilton		1940	220	490,000	32,000	0	0	0	0	
202		Aux Vases; Mis U ³¹		10	x	x	0	0	0	0	
203		McClosky; Mis L		220	x	x	0	0	0	0	
204		4									
205	Belle Rive, Jefferson	McClosky; Mis L	1943	200	263,000	11,000	0	0	0	0	
206	Bellmont, Wabash		1951	70	25,000	25,000	0	0	0	0	
207		Bethel; Mis U		10	2,000	2,000	0	0	0	0	
208		Lower Ohara; Mis L		60	23,000	23,000	0	0	0	0	
209	Beman, Lawrence		1942	600	201,000	9,000	0	0	0	0	
210		Aux Vases; Mis U		10	x	0	0	0	0	0	
211		Rosiclare; Mis L		600	x	9,000	0	0	0	0	
212		4									
213	Beman East, Lawrence		1947	100	89,000	5,000	0	0	0	0	
214		Aux Vases; Mis U		20	x	x	0	0	0	0	
215		Rosiclare; Mis L		100	x	x	0	0	0	0	
216		4									
217	Bend, White	Tar Springs; Mis U	1941	120	211,000	186,000	0	0	0	0	
218	Bennington, Edwards-Wayne		1943	1,000	1,444,000	68,000	0	0	0	0	
219		Aux Vases; Mis U		200	x	x	0	0	0	0	
220		McClosky; Mis L		900	x	x	0	0	0	0	
221		4									
222	Bennington South, Edwards ³³	McClosky; Mis L	1944	20	10,000	0	0	0	0	0	
223	Benton, Franklin		1941	2,400	23,039,000	2,264,000	0	0	0	0	
224		Pennsylvanian; Pen ³²		10	x	0	0	0	0	0	
225		Tar Springs; Mis U		2,400	x	2,264,000	0	0	0	0	
226	Benton North, Franklin		1941	700	1,185,000	239,000	0	0	0	0	
227		Cypress; Mis U		100	x	x	0	0	0	0	
228		Paint Creek; Mis U		140	x	x	0	0	0	0	
229		Bethel; Mis U			x	0	0	0	0	0	
230		Aux Vases; Mis U		100	x	x	0	0	0	0	
231		Lower Ohara; Mis L			x	x	0	0	0	0	
232		Rosiclare; Mis L		600	x	x	0	0	0	0	
233		McClosky; Mis L			x	x	0	0	0	0	
234		4									
235	Berryville Consolidated, Wabash-Edwards		1943	520	760,000	74,000	0	0	0	0	
236		Lower Ohara; Mis L		100	x	x	0	0	0	0	
237		Rosiclare; Mis L		20	x	x	0	0	0	0	
238		McClosky; Mis L		400	x	x	0	0	0	0	
239		4									
240	Bessie, Franklin	McClosky; Mis L	1943	40	52,000	5,000	0	0	0	0	
241	Bible Grove North, Effingham		1947	135	54,000	8,000	0	0	0	0	
242		Cypress; Mis U		50	x	x	0	0	0	0	
243		Rosiclare; Mis L		20	1,000	0	0	0	0	0	
244		McClosky; Mis L		80	x	x	0	0	0	0	
245		4									
246	Bible Grove South, Clay		1942	20	76,000	6,000	0	0	0	0	
247		Cypress; Mis U		10	3,000	1,000	0	0	0	0	
248		Aux Vases; Mis U		10	73,000	5,000	0	0	0	0	
249	Blairsville West, Hamilton		1951	200	185,000	185,000	0	0	0	0	
250		Rosiclare; Mis L ³²		20	x	x	0	0	0	0	
251		McClosky; Mis L		200	x	x	0	0	0	0	
252		4									
253	Bogota, Jasper	McClosky; Mis L	1943	240	419,000	10,000	0	0	0	0	
254	Bogota North, Jasper ³⁴	McClosky; Mis L	1949	10	0	0	0	0	0	0	
255	Bogota South, Jasper	McClosky; Mis L	1944	480	249,000	95,000	0	0	0	0	
256	Bone Gap, Edwards		1941	760	971,000	24,000	0	0	0	0	
257		Waltersburg; Mis U		20	3,000	3,000	0	0	0	0	
258		Rosiclare; Mis L		20	x	x	0	0	0	0	
259		McClosky; Mis L		720	x	x	0	0	0	0	
260	Bone Gap East, Edwards		1951	40	6,000	6,000	0	0	0	0	
261		Lower Ohara; Mis L		20	6,000	6,000	0	0	0	0	
262		McClosky; Mis L		20	0	0	0	0	0	0	
263	Bone Gap South, Edwards		1947	250	291,000	42,000	0	0	0	0	
264		Cypress; Mis U		60	139,000	14,000	0	0	0	0	
265		Aux Vases; Mis U		10	10,000	0	0	0	0	0	
266		Lower Ohara; Mis L			x	x	0	0	0	0	
267		Rosiclare; Mis L		180	x	x	0	0	0	0	
268		McClosky; Mis L			x	x	0	0	0	0	

TABLE I - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE ^f , psi	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁿ TO END OF 1951			NAME	DEPTH OF HOLE, FT.				
	COMPLETED TO END 1951		COMPLETED	OIL ³	FLOWING	ARTIFICIAL LIFT			GAS	INITIAL	Avg./END 1951	SECONDARY RECOVERY ^g	GRAVITY ² , A.P.I.	SULPHUR PER CENT	CHARACTER ⁱ	POROSITY PER CENT ^j	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT. ^l /NET STRUCTURE ^m		
	1951	1951	ABANDONED	1951	1951	1951			1951	1951	1951	1951	1951	1951	1951	1951	1951	1951		
199	4	0	1	0	0	0	0	x	x	x	x	x	x	x	x	1,115 1,140	4 5	A	Dev	2,460
200	36	6	9	0	0	24	0	x	x	x	x	x	x	x	x	3,250 3,420	8 6	A A	Dev	2,537
201	11	0	0	0	0	10	0	x	x	x	x	x	x	x	x	3,085	6	A	Mis L	3,580
202	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AL AC		
203	10	0	0	0	0	9	0	x	x	x	x	x	x	x	x	1,805	20	A	Mis L	2,000
204	1	0	0	0	0	1	0	x	x	x	x	x	x	x	x	1,850	7	AC		
205	5	0	0	0	0	4	0	x	x	x	x	x	x	x	x	3,085	6	AC	Mis L	3,201
206	4	4	1	0	0	3	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AL AC	Mis L	3,006
207	1	1	0	0	0	1	0	x	x	x	x	x	x	x	x	1,805	12	AL		
208	3	3	1	0	0	2	0	x	x	x	x	x	x	x	x	1,860	8	AC		
209	21	0	1	0	0	12	0	x	x	x	x	x	x	x	x	1,805	20	AL	Mis L	
210	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	1,850	7	AC		
211	18	0	0	0	0	12	0	x	x	x	x	x	x	x	x	3,085	6	AC		
212	2	0	1	0	0	0	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AL AC		
213	5	0	0	0	0	3	0	x	x	x	x	x	x	x	x	1,805	12	AL	Mis L	1,907
214	1	0	0	0	0	1	0	x	x	x	x	x	x	x	x	1,860	8	AC		
215	3	0	0	0	0	2	0	x	x	x	x	x	x	x	x	3,085	6	AC		
216	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AL AC		
217	11	10	0	0	0	11	0	x	x	x	x	x	x	x	x	2,250	25	ML	Mis L	3,146
218	45	0	0	0	0	40	0	x	x	x	x	x	x	x	x	3,240	8	MC	Mis L	3,372
219	7	0	0	0	0	3	0	x	x	x	x	x	x	x	x	3,145	15	ML		
220	35	0	0	0	0	36	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AC		
221	3	0	0	0	0	1	0	x	x	x	x	x	x	x	x	2,250	25	ML	Mis L	3,205
222	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AC	Mis L	3,420
223	243	0	0	0	0	153	0	x	x	x	x	x	x	x	x	2,100	10	A	Mis L	3,205
224	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x	1,700	9	A		
225	243	0	0	0	0	153	0	x	x	x	x	x	x	x	x	3,240	10	A	Mis L	2,906
226	49	1	0	0	0	44	0	x	x	x	x	x	x	x	x	2,460	18	A		
227	10	0	0	0	0	6	0	x	x	x	x	x	x	x	x	2,595	9	A		
228	6	0	0	0	0	11	0	x	x	x	x	x	x	x	x	2,600	20	A		
229	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	2,685	10	A		
230	3	0	0	0	0	2	0	x	x	x	x	x	x	x	x	2,730	8	AC		
231	4	0	0	0	0	2	0	x	x	x	x	x	x	x	x	2,775	6	AC		
232	3	0	0	0	0	3	0	x	x	x	x	x	x	x	x	2,800	10	AC		
233	9	1	0	0	0	16	0	x	x	x	x	x	x	x	x	3,085	6	AC		
234	13	0	0	0	0	4	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AL	Mis L	3,125
235	17	0	0	0	0	13	0	x	x	x	x	x	x	x	x	2,650 2,840	7 7	AC	Mis L	3,457
236	4	0	0	0	0	5	0	x	x	x	x	x	x	x	x	2,900	6	MC		
237	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	2,850	12	MC		
238	11	0	0	0	0	8	0	x	x	x	x	x	x	x	x	2,900	5	MC		
239	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	3,085	6	AC		
240	1	0	0	0	0	1	0	x	x	x	x	x	x	x	x	2,895	10	MC	Mis L	3,457
241	7	0	0	0	0	4	0	x	x	x	x	x	x	x	x	2,895	10	MC	Mis L	2,999
242	3	0	0	0	0	2	0	x	x	x	x	x	x	x	x	2,535	7	MC		
243	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	2,835	5	MC		
244	2	0	0	0	0	1	0	x	x	x	x	x	x	x	x	2,875	5	MC		
245	1	0	0	0	0	1	0	x	x	x	x	x	x	x	x	2,500	10	MC		
246	2	0	0	0	0	2	0	x	x	x	x	x	x	x	x	2,750	10	MC		
247	1	0	0	0	0	1	0	x	x	x	x	x	x	x	x	2,500	10	MC		
248	1	0	0	0	0	1	0	x	x	x	x	x	x	x	x	2,750	10	MC		
249	10	10	1	0	0	9	0	x	x	x	x	x	x	x	x	3,345	6	AL	Mis L	3,507
250	0	0	0	0	0	0	0	x	x	x	x	x	x	x	x	3,405	8	AC		
251	9	9	1	0	0	9	0	x	x	x	x	x	x	x	x	3,110	7	A	Mis L	3,234
252	1	1	0	0	0	0	0	x	x	x	x	x	x	x	x	3,080	3	X	Mis L	3,130
253	7	0	0	0	0	6	0	x	x	x	x	x	x	x	x	3,075	8	ML	Mis L	3,182
254	1	0	0	0	0	0	0	x	x	x	x	x	x	x	x	3,075	8	A	Mis L	3,350
255	23	1	3	0	0	19	0	x	x	x	x	x	x	x	x	3,075	8	A	Mis L	
256	22	2	1	0	0	11	0	x	x	x	x	x	x	x	x	2,315	7	A		
257	2	2	0	0	0	2	0	x	x	x	x	x	x	x	x	3,230	6	A		
258	0	0	0	0	0	1	0	x	x	x	x	x	x	x	x	3,240	6	A		
259	20	0	1	0	0	8	0	x	x	x	x	x	x	x	x	3,085	6	AC		
260	2	2	1	0	0	1	0	x	x	x	x	x	x	x	x	2,710	10	A	Mis L	3,156
261	1	1	0	0	0	1	0	x	x	x	x	x	x	x	x	2,980	10	X		
262	1	1	1	0	0	0	0	x	x	x	x	x	x	x	x	3,050	5	X		
263	16	1	1	0	0	14	0	x	x	x	x	x	x	x	x	3,050	5	A	Mis L	3,223
264	6	0	0	0	0	6	0	x	x	x	x	x	x	x	x	3,020	9	A		
265	1	0	1	0	0	0	0	x	x	x	x	x	x	x	x	3,040	5	AC		
266	2	1	0	0	0	2	0	x	x	x	x	x	x	x	x	3,045	5	AC		
267	1	0	0	0	0	1	0	x	x	x	x	x	x	x	x	3,055	6	AC		
268	4	0	0	0	0	3	0	x	x	x	x	x	x	x	x	2,710	10	A		

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	NAME AND AGE ^b	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl	
					AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c	
						TO END OF 1951	DURING 1951			
269										
270	Boulder, Clinton	4		1941	640	4,262,000	282,000	0	0	0
271		Bethel; Mis U			520	x	187,000	0	0	0
272		Devonian; Dev			440	x	95,000	0	0	0
273	Boyd, Jefferson			1944	1,420	8,087,000	679,000	0	0	0
274		Bethel; Mis U			1,400	x	x	0	0	0
275		Aux Vases; Mis U			600	x	x	0	0	0
276		Lower Ohara; Mis L ³¹			40	x	x	0	0	0
277		4								
278	Broughton, Hamilton	McClosky; Mis L		1951	20	2,000	2,000	0	0	0
279	Broughton South, Saline	McClosky; Mis L		1951	20	0	0	0	0	0
280	Browns, Edwards-Wabash			1943	900	1,297,000	67,000	0	0	0
281		Tar Springs; Mis U ³¹			10	x	x	0	0	0
282		Cypress; Mis U			260	x	x	0	0	0
283		Bethel; Mis U			30	x	x	0	0	0
284		Lower Ohara; Mis L			40	x	x	0	0	0
285		Rosiclare; Mis L ³²			20	x	x	0	0	0
286		McClosky; Mis L			700	x	x	0	0	0
287		4								
288	Browns East, Wabash	Cypress; Mis U		1946	490	1,241,000	184,000	0	0	0
289	Browns South, Edwards			1943	20	10,000	2,000	0	0	0
290		Bethel; Mis U			20	x	x	0	0	0
291		Aux Vases; Mis U ³¹			10	x	x	0	0	0
292		4								
293	Bungay Consolidated, Hamilton ³⁵			1941	2,700	6,220,000	891,000	0	0	0
294		Renault; Mis U				x	x	0	0	0
295		Aux Vases; Mis U			2,660	x	x	0	0	0
296		Lower Ohara; Mis L				x	x	0	0	0
297		Rosiclare; Mis L			400	x	x	0	0	0
298		McClosky; Mis L				x	x	0	0	0
299		4								
300	Burnt Prairie South, White	McClosky; Mis L		1947	20	7,000	1,000	0	0	0
301	Calhoun Central, Richland			1950	30	1,000	1,000	0	0	0
302		Rosiclare; Mis L			10	x	x	0	0	0
303		McClosky; Mis L			20	x	x	0	0	0
304	Calhoun Consolidated, Rich- land-Wayne			1944	2,300	2,462,000	96,000	0	0	0
305		Lower Ohara; Mis L			x	x	x	0	0	0
306		Rosiclare; Mis L			x	x	x	0	0	0
307		McClosky; Mis L			x	x	x	0	0	0
308		4								
309	Calhoun East, Richland	Ste. Genevieve; Mis L		1950	160	166,000	30,000	0	0	0
310	Calhoun North, Richland			1944	40	42,000	3,000	0	0	0
311		Rosiclare; Mis L ³¹			20	x	x	0	0	0
312		McClosky; Mis L			40	x	x	0	0	0
313		4								
314	Cantrell, Hilton	Aux Vases; Mis U		1949	200	340,000	78,000	0	0	0
315	Cantrell North, Hamilton	Aux Vases; Mis U		1951	60	62,000	62,000	0	0	0
316	Cantrell South, Hamilton			1950	300	445,000	320,000	0	0	0
317		Aux Vases; Mis U			200	x	x	0	0	0
318		Lower Ohara; Mis L			80	x	x	0	0	0
319		Rosiclare; Mis L			20	x	x	0	0	0
320		McClosky; Mis L			20	1,000	0	0	0	0
321		4								
322	Carlinville North, Macoupin	Pottsville; Pen		1941	120	1,000	100	0	0	0
323	Carlyle North, Clinton	Bethel; Mis U		1950	460	161,000	85,000	0	0	0
324	Carlyle South, Clinton	Cypress; Mis U		1951	10	0	0	0	0	0
325	Carmi, White ³⁶	McClosky; Mis L		1939	30	6,000	0	0	0	0
326	Carmi North, White			1942	70	150,000	8,000	0	0	0
327		Cypress; Mis U			20	x	x	0	0	0
328		Aux Vases; Mis U			60	x	x	0	0	0
329		4								
330	Centerville, White	McClosky; Mis L		1940	120	347,000	13,000	0	0	0
331	Centerville East, White			1941	900	2,561,000	286,000	0	0	0
332		Palestine; Mis U			30	x	x	0	0	0
333		Tar Springs; Mis U			380	x	x	0	0	0
334		Hardinsburg; Mis U			10	x	x	0	0	0
335		Cypress; Mis U			110	x	x	0	0	0
336		Bethel; Mis U			140	x	x	0	0	0
337		Aux Vases; Mis U			250	x	x	0	0	0
338		Lower Ohara; Mis L ³¹			20	x	x	0	0	0

TABLE I-A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^c		WELLS PRODUCING DEC 1951			RESERVOIR PRESSURE ^d psi	CHARACTER OF OIL ^b	PRODUCING FORMATION			DEEPEST ZONE TESTED ^e TO END OF 1951						
	COMPLETED TO END 1951	1951	OIL ³	ARTIFICIAL LIFT	GAS			INITIAL	Avg.-END 1951	SECONDARY RECOVERY ^f	CHARACTER ^g	DEPTH TO TOP OF PRODUCING ZONE FT. ^k	PROD. THICKNESS AVG. FT. ^j /NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.	
269	2	0	0	0	2	0									R	Dev	2,841
270	36	0	0	1	28	0									D		
271	25	0	0	0	23	0									D		
272	11	0	0	1	5	0									D		
273	114	0	1	0	106	0									A	Dev	3,870
274	72	0	1	0	58	0	345	x	x						A		
275	6	0	0	0	0	0	x	x						A			
276	0	0	0	0	0	0	x	x						A			
277	36	0	0	0	38	0								X	Mis L	3,345	
278	1	1	0	0	1	0	x	x						X	Mis L	3,300	
279	1	1	0	0	0	0	x	x						A	Mis L	3,113	
280	47	0	1	0	38	0											
281	0	0	0	0	0	0	x	x						AL			
282	8	0	0	0	8	0	1,050	x						AL			
283	1	0	0	0	1	0	x	x						A			
284	2	0	0	0	1	0	x	x						A			
285	0	0	0	0	0	0	x	x						A			
286	27	0	1	0	17	0	x	x						A			
287	9	0	0	0	11	0	1,035	x	W					ML	Mis L	3,058	
288	48	1	0	0	38	0	1,035	x	W	36.0	x	S	P	10	Mis L	3,095	
289	2	0	0	0	1	0	x	x						N	Mis L		
290	1	0	0	0	0	0	x	x						N	N		
291	0	0	0	0	0	0	x	x						N			
292	1	0	0	0	1	0								A	Mis L		
293	164	23	4	0	141	0											3,565
294	2	2	0	0	15	0	x	x						AL			
295	145	20	3	0	107	0	1,300	x	W	37.0	0.24	S	P	10	AL		
296	1	0	0	0	1	0	x	x						AL			
297	2	0	1	0	1	0	x	x						AC			
298	8	0	0	0	4	0	x	x						AC			
299	6	1	0	0	13	0								AC			
300	1	0	0	0	1	0	500	x						X	Mis L	3,552	
301	2	1	1	0	1	0	x	x						M	Mis L	3,335	
302	1	1	1	0	0	0	x	x						MC	MC		
303	1	0	0	0	1	0	x	x						MC			
304	94	2	2	0	72	0								A	Mis L	3,323	
305	19	0	1	0	10	0	x	x						A			
306	10	1	0	0	8	0	x	x						A			
307	51	1	1	1	44	0	x	x						A			
308	14	0	0	0	10	0								AL			
309	5	0	0	0	5	0	x	x						AL			
310	2	0	0	0	1	0								AC			
311	0	0	0	0	0	0	x	x						AC			
312	1	0	0	0	0	0	x	x						AC			
313	1	0	0	0	1	0								AL	Mis L	3,462	
314	19	2	1	0	16	0	x	x						AL	Mis L	3,419	
315	6	6	0	0	6	0	x	x						AL	Mis L	3,415	
316	20	10	1	0	19	0								A			
317	14	10	1	0	14	0	x	x						AL			
318	4	0	0	0	3	0	x	x						AC			
319	1	0	0	0	1	0	x	x						AC			
320	1	0	1	0	0	0	x	x						AC			
321	0	0	0	0	1	0											
322	6	0	0	0	1	0	x	x						X	Pen	562	
323	38	1	2	0	35	0	x	x						AL	Dev	2,558	
324	1	1	0	0	1	0	x	x						X	Mis U	1,194	
325	2	0	0	0	0	0	x	x						MF	Mis L	3,282	
326	4	1	0	0	4	0								A	Mis L	3,418	
327	1	1	0	0	1	0	x	x						Af			
328	3	0	0	0	2	0	x	x						Af			
329	0	0	0	0	1	0											
330	5	0	0	0	4	0	x	x									
331	84	15	1	0	74	0								A	Mis L	3,600	
332	2	1	0	0	0	0	x	x						A	Mis L	3,368	
333	26	0	0	0	26	0	x	x						AL			
334	1	0	0	0	1	0	x	x						AL			
335	11	4	0	0	1	0	x	x						AL			
336	8	3	0	0	10	0	x	x						AL			
337	24	6	0	0	18	0	x	x						AL			
338	0	0	0	0	0	0	x	x						AC			

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	NAME AND AGE ^b	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
					AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c		
						TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951	
339			McClosky; Mis L		220	x	x	0	0	0	
340			4								
341	Centerville North, White ³⁷	Bethel; Mis U	1947	10	0	0	0	0	0	0	
342	Centralia, Clinton-Marion	Pennsylvanian; Pen	1937	3,360	36,149,000	879,000		0	0	0	
343		Cypress; Mis U		10	x	x	0	0	0	0	
344		Bethel; Mis U		1,400	x	x	0	0	0	0	
345		Devonian; Dev		2,500	20,808,000	386,000		0	0	0	
346		Trenton; Ord		1,400	1,827,000	278,000		0	0	0	
347		4									
348		Bethel; Mis U	1940	90	370,000	8,000		0	0	0	
349	Centralia West, Clinton	Lower Ohara; Mis L	1951	10	0	0		0	0	0	
350	Christopher, Franklin ³⁸	Aux Vases; Mis U	1942	260	121,000	23,000		0	0	0	
351	Cisne North, Wayne	McClosky; Mis L		80	x	x	0	0	0	0	
352		Rosiclare; Mis L		200	x	x	0	0	0	0	
353		4									
354		Rosiclare; Mis L	1950	0	0	0		160	0	0	
355	Claremont (Gas), Richland	Bethel; Mis U	1946	20	12,000	2,000		0	0	0	
356	Clarksburg, Shelby			66,000	140,786,000	6,957,000		x	x	x	
357	Clay City Consolidated, Clay-Wayne - Richland-Jasper	Cypress; Mis U		5,000	x	x	x	x	x	x	
358		Bethel; Mis U		30	x	x	0	0	0	0	
359		Aux Vases; Mis U		10,100	x	x	0	0	0	0	
360		Lower Ohara; Mis L			x	x	0	0	0	0	
361		Rosiclare; Mis L		55,000	x	x	0	0	0	0	
362		McClosky; Mis L			x	x	0	0	0	0	
363		St. Louis; Mis L ³²		20	x	x	0	0	0	0	
364		Salem; Mis L		60	x	x	0	0	0	0	
365		Devonian; Dev		20	5,000	1,000		0	0	0	
366		4									
367											
368	Clay City North, Clay	Cypress; Mis U	1948	300	378,000	18,000		0	0	0	
369		Rosiclare; Mis L		30	x	x	0	0	0	0	
370		McClosky; Mis L		120	x	x	0	0	0	0	
371		4		160	x	x	0	0	0	0	
372											
373	Clay City West, Clay	Cypress; Mis U	1941	530	1,280,000	31,000		0	0	0	
374		Aux Vases; Mis U		10	20,000	0		0	0	0	
375		McClosky; Mis L		30	x	x	0	0	0	0	
376		4		520	x	x	0	0	0	0	
377											
378	Coil, Wayne	Aux Vases; Mis U	1942	480	1,227,000	38,000		0	0	0	
379		McClosky; Mis L		460	1,226,000	38,000		0	0	0	
380		4		20	1,000	0		0	0	0	
381	Coil West, Jefferson	Aux Vases; Mis U	1942	300	486,000	24,000		0	0	0	
382		Lower Ohara; Mis L		80	x	x	0	0	0	0	
383		Rosiclare; Mis L ³¹			x	x	0	0	0	0	
384		McClosky; Mis L		300	x	x	0	0	0	0	
385		4			x	x	0	0	0	0	
386											
387	Concord, White	Tar Springs; Mis U	1942	1,300	3,385,000	161,000		0	0	0	
388		Cypress; Mis U		180	x	x	0	0	0	0	
389		Renault; Mis U ³¹		140	x	x	0	0	0	0	
390		Aux Vases; Mis U		20	x	x	0	0	0	0	
391		Lower Ohara; Mis L		360	x	x	0	0	0	0	
392		McClosky; Mis L		120	x	x	0	0	0	0	
393		4		1,040	x	x	0	0	0	0	
394											
395	Concord Central, White	Cypress; Mis U	1947	140	183,000	22,000		0	0	0	
396		Aux Vases; Mis U		20	x	x	0	0	0	0	
397		McClosky; Mis L		100	x	x	0	0	0	0	
398		4		40	x	x	0	0	0	0	
399											
400	Concord East Consolidated, White ³⁹		1942	100	129,000	16,000		0	0	0	
401		Waltersburg; Mis U		30	x	x	0	0	0	0	
402		Tar Springs; Mis U		20	17,000	1,000		0	0	0	
403		Lower Ohara; Mis L		40	x	x	0	0	0	0	
404		McClosky; Mis L		20	x	x	0	0	0	0	
405	Concord North, White	Aux Vases; Mis U	1946	40	116,000	5,000		0	0	0	
406		McClosky; Mis L ³¹		40	x	x	0	0	0	0	
407		4		20	x	x	0	0	0	0	

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING ^f DEC 1951			RESERVOIR PRESSURE ^g psi	CHARACTER OF OIL ^h	PRODUCING FORMATION				DEEPEST ZONE TESTED ⁿ TO END OF 1951					
	COMPLETED TO END 1951		1951	OIL ⁱ	FLOWING	ARTIFICIAL LIFT			INITIAL	Avg./End 1951	SECONDARY RECOVERY ^j		CHARACTER ^k		NAME	DEPTH OF HOLE, FT.		
	COMPLETED	ABANDONED									GRAVITY ² A.P.I.	SULPHUR PER CENT	POROSITY, PER CENT	DEPTH TO TOP OF PRODUCING ZONE FT. ^l	PROD. THICKNESS AVG. FT. ^m /NET			
339	10	0	1	0	4	0	x	x			37.0	x	OL	P	3,230	7	AC	
340	2	1	0	0	14	0	x	x			x	x	S	P	2,990	13	ML	3,290
341	1	0	0	0	0	0	x	x			x	x	S	P	690	x	A	4,170
342	995	0	12	0	479	0	x	x			36.4	0.20	S	P	1,200	12	A	
343	0	0	0	0	1	0	x	x			37.0	0.17	S	P	1,355	20	A	
344	50	0	3	0	76	0	500	x			39.8	0.38	L	C	2,870	9	A	
345	566	0	6	0	220	0	525	x			41.0	x	L	C	3,930	40	A	
346	319	0	3	0	180	0	2,000	x			37.8	0.17	S	P	1,440	9	N	Mis U
347	59	0	0	0	65	0	1,840	x			x	x	L	P	2,675	8	X	Mis L
348	1	0	0	0	9	0					38.0	x	S	P	3,050	15	ML	
349	9	0	3	0	4	0	x	x			x	x	L	P	3,170	6	MC	
350	1	1	1	0	0	0	x	x			37.0	x	S	P	3,200	5	MC	
351	11	0	0	0	8	0					x	x	S	P	1,770	6	MC	
352	3	0	0	0	2	0	x	x			33.5	x	S	P	3,050	10	AC	
353	7	0	0	0	6	0	x	x			x	x	L	P	3,030	8	AC	
354	1	0	0	0	0	0	x	x			40.0	x	OL	P	3,050	10	AC	
355	1	0	0	0	0	0	x	x			x	x	L	P	2,935	3	A	
356	2	0	0	0	1	0	x	x			x	x	L	P	3,575	10	A	
357	2,981	75	84	0	2,223	2					x	x	L	P	4,350	10	A	St. Peter
358	243	17	8	0	232	2	x	x			34.0	x	S	P	2,635	16	AL	
359	0	0	0	0	1	0	x	x			x	x	S	P	2,800	15	AL	
360	506	16	17	0	412	0	x	x			39.0	x	S	P	2,940	15	AL	
361	81	15	2	0	67	0	x	x			38.0	x	L	P	3,020	5	AC	
362	165	8	6	0	137	0	x	x			38.0	x	OL	P	3,030	8	AC	
363	1,851	10	38	0	1,151	0	x	x			40.0	x	OL	P	3,050	10	AC	
364	0	0	0	0	0	0	x	x			x	x	L	P	2,935	3	A	
365	2	0	1	0	1	0	x	x			x	x	L	P	3,575	10	A	
366	0	0	0	0	1	0	x	x			x	x	L	P	4,350	10	A	
367	133	9	12	0	221	0					x	x	S	P	2,650	6	A	Mis L
368	16	0	0	0	14	0					x	x	L	P	3,010	5	AC	
369	3	0	0	0	2	0	x	x			x	x	S	P	3,020	10	AC	
370	5	0	0	0	4	0	x	x			38.0	x	L	P	2,700	10	A	
371	7	0	0	0	7	0	x	x			x	x	S	P	2,950	7	A	
372	1	0	0	0	1	0					x	x	OL	P	3,065	15	A	
373	17	0	0	0	12	0					x	x	S	P	2,700	10	A	Mis L
374	1	0	0	0	0	0	x	x			x	x	S	P	3,065	15	A	
375	0	0	0	0	3	0	x	x			x	x	S	P	2,950	7	A	
376	16	0	0	0	8	0	x	x			39.4	0.12	OL	P	3,065	15	A	
377	0	0	0	0	1	0					x	x	S	P	2,700	10	A	Mis L
378	17	0	0	0	13	0					x	x	L	P	3,065	15	A	
379	16	0	0	0	13	0	x	x			39.0	0.12	S	P	2,700	10	A	Mis L
380	1	0	0	0	0	0	x	x			x	x	OL	P	3,065	15	A	
381	15	0	2	0	8	0					x	x	S	P	2,720	15	AL	
382	4	0	0	0	4	0	x	x			x	x	L	P	2,790	7	AC	
383	1	0	1	0	0	0	x	x			x	x	S	P	2,805	x	AC	
384	0	0	0	0	0	0	x	x			x	x	L	P	2,880	8	AC	
385	6	0	1	0	0	0	x	x			x	x	L	P	2,880	8	AC	
386	4	0	0	0	4	0					x	x	S	P	2,720	15	AL	
387	98	0	2	0	84	0					x	x	L	P	2,790	7	AC	
388	15	0	0	0	13	0	400	x			36.0	x	S	P	2,905	14	AL	
389	9	0	0	0	8	0	x	x			x	x	S	P	2,905	14	AL	
390	0	0	0	0	0	0	x	x			x	x	L	P	2,905	14	AL	
391	16	0	0	0	16	0	x	x			36.0	0.15	S	P	2,905	14	AL	
392	1	0	0	0	1	0	x	x			x	x	L	P	2,930	8	AC	
393	44	0	2	0	26	0	1,000	x			37.0	x	L	P	2,990	10	AC	
394	13	0	0	0	20	0					x	x	S	P	2,610	13	AL	
395	9	0	0	0	8	0					x	x	S	P	2,900	15	AL	
396	1	0	0	0	1	0	x	x			x	x	S	P	2,970	7	AC	
397	6	0	0	0	5	0	x	x			x	x	L	P	2,970	7	AC	
398	1	0	0	0	1	0	x	x			x	x	S	P	2,970	7	AC	
399	1	0	0	0	1	0					x	x	L	P	2,970	7	AC	
400	8	0	2	0	6	0					x	x	S	P	2,970	7	AC	
401	3	0	0	0	3	0	x	x			37.2	x	S	P	2,140	10	A	
402	2	0	1	0	1	0	x	x			x	x	S	P	2,175	4	A	
403	2	0	1	0	1	0	x	x			x	x	L	P	2,895	6	AC	
404	1	0	0	0	1	0	x	x			x	x	L	P	2,960	2	AC	
405	4	0	0	0	4	0					x	x	S	P	2,950	10	A	
406	4	0	0	0	3	0	900	x			38.0	x	S	P	3,035	6	A	
407	0	0	0	0	0	0	x	x			x	x	L	P	3,035	6	A	

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl
				BARRELS		AREA PROVED ACRES	MILLION CU FT ^c			
		NAME AND AGE ^b		AREA PROVED ACRES	TO END OF 1951	DURING 1951	TO END OF 1951	DURING 1951	GAS/OIL RATIO ^d MCF/BBL	
408										
409	Concord South, White	4	Tar Springs; Mis U	1944	40	25,000	1,000	0	0	0
410	Cooks Mills, Coles ⁴⁰		Aux Vases; Mis U	1941	20	6,000	0	0	0	0
411	Cooks Mills North, Coles ⁴¹		Rosiclare; Mis L	1946	20	200	0	0	0	0
412	Cordes, Washington		Bethel; Mis U	1939	1,500	4,975,000	689,000	0	0	0
413	Cottonwood, Gallatin		Tar Springs; Mis U	1947	20	19,000	2,000	480	439.9	160.7
414	Cottonwood North, Gallatin			1951	70	18,000	18,000	0	0	0
415			Cypress; Mis U		60	x	x	0	0	0
416			McClosky; Mis L		20	x	x	0	0	0
417	Covington South, Wayne		McClosky; Mis L	1943	320	155,000	4,000	0	0	0
418	Craig, Perry ⁴²		Trenton; Ord	1948	20	2,000	500	0	0	0
419	Cravat, Jefferson		Bethel; Mis U	1939	120	302,000	7,000	0	0	0
420	Crossville, White			1946	100	15,000	1,000	0	0	0
421			Bethel; Mis U		20	x	x	0	0	0
422			Lower Ohara; Mis L		20	500	0	0	0	0
423			McClosky; Mis L		60	x	x	0	0	0
424	Dahlgren, Hamilton		McClosky; Mis L	1941	760	1,143,000	22,000	0	0	0
425	Dale Consolidated, Hamilton ⁴³			1940	12,000	43,168,000	2,197,000	0	0	0
426			Tar Springs; Mis U		460	x	x	0	0	0
427			Hardinsburg; Mis U		100	x	x	0	0	0
428			Cypress; Mis U		800	x	x	0	0	0
429			Paint Creek; Mis U			x	x	0	0	0
430			Bethel; Mis U		1,900	x	x	0	0	0
431			Aux Vases; Mis U		9,300	x	x	0	0	0
432			Lower Ohara; Mis L			x	x	0	0	0
433			Rosiclare; Mis L		3,000	x	x	0	0	0
434			McClosky; Mis L			x	x	0	0	0
435		4				x	x	0	0	0
436	Divide, Jefferson			1943	240	379,000	12,000	0	0	0
437			Lower Ohara; Mis L ³¹		20	x	x	0	0	0
438			McClosky; Mis L		240	x	x	0	0	0
439		4				x	x	0	0	0
440	Divide East, Jefferson			1947	680	920,000	147,000	0	0	0
441			Aux Vases; Mis U		100	x	x	0	0	0
442			Rosiclare; Mis L		40	x	x	0	0	0
443			McClosky; Mis L		600	x	x	0	0	0
444		4				x	x	0	0	0
445	Divide South, Jefferson		McClosky; Mis L	1948	80	140,000	15,000	0	0	0
446	Divide West, Jefferson			1944	1,140	2,572,000	96,000	0	0	0
447			Lower Ohara; Mis L ³¹		120	x	x	0	0	0
448			Rosiclare; Mis L		120	x	x	0	0	0
449			McClosky; Mis L		1,140	x	x	0	0	0
450		4				x	x	0	0	0
451	Dix, Jefferson-Marion			1938	2,000	6,851,000	339,000	0	0	0
452			Bethel; Mis U		1,900	x	x	0	0	0
453			Aux Vases; Mis U		10	x	x	0	0	0
454			Rosiclare; Mis L		100	x	x	0	0	0
455	Dix South, Jefferson ⁴⁴		Bethel; Mis U	1941	20	13,000	0	0	0	0
456	Dubois, Washington			1939	170	206,000	16,000	320	0	0
457			Cypress; Mis U		20	4,000	4,000	320	0	0
458			Bethel; Mis U		150	202,000	12,000	0	0	0
459	Dubois West, Washington			1942	10	12,000	1,000	0	0	0
460			Cypress; Mis U ³¹		10	x	x	0	0	0
461			Bethel; Mis U ³¹		10	x	x	0	0	0
462		4				x	x	0	0	0
463	Dudley, Edgar			1948	520	281,000	106,000	80	0	0
464			Pennsylvanian; Pen		260	x	x	80	0	0
465			Pennsylvanian; Pen		500	x	x	0	0	0
466	Dundas East, Richland-Jasper			1942	1,620	1,640,000	289,000	0	0	0
467			Lower Ohara; Mis L		x	x	x	0	0	0
468			Rosiclare; Mis L		x	x	x	0	0	0
469			McClosky; Mis L		x	x	x	0	0	0
470		4				x	x	0	0	0
471	Eberle, Effingham			1947	110	59,000	5,000	0	0	0
472			Cypress; Mis U		10	x	x	0	0	0
473			Rosiclare; Mis L		20	1,000	1,000	0	0	0
474			McClosky; Mis L		80	x	x	0	0	0
475	Edinburg, Christian ⁴⁵		Devonian; Dev	1949	20	0	0	0	0	0

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e		WELLS PRODUCING ^f DEC 1951			RESERVOIR PRESSURE ^g psi	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁱ TO END OF 1951				
	COMPLETED TO END 1951		1951		OIL ^j			1951							
	COMPLETED	ABANDONED	FLOWING	GAS	ARTIFICIAL LIFT			INITIAL	Avg./END 1951		CHARACTER ^k	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.	
408	0	0	0	0	1	0	x	x	x	x	P	2,300	10	A Mis L	3,114
409	4	0	1	0	1	0	x	x	x	x	P	1,820	6	A Mis L	1,912
410	2	0	0	0	0	0	x	x	x	x	P	1,780	10	A Mis L	1,843
411	1	0	0	0	0	0	x	x	x	x	P	1,260	14	A Dev	2,887
412	142	0	0	0	98	0	x	x	x	x	P	2,315	6	AC Mis L	3,397
413	6	1	1	0	2	3	x	x	x	x	P	2,315	6	N Mis L	3,397
414	7	7	0	0	7	0	x	x	x	x	P	2,620	15	NL	3,109
415	6	6	0	0	6	0	x	x	x	x	P	3,010	2	NC	
416	1	1	0	0	1	0	x	x	x	x	P	3,310	5	AC Mis L	3,397
417	8	0	2	0	3	0	x	x	x	x	P	3,650	20	X Ord	3,735
418	1	0	1	0	0	0	x	x	x	x	P	2,070	10	A Mis L	2,356
419	11	0	0	0	9	0	x	x	x	x	P	2,070	10	N Mis L	3,250
420	6	0	0	0	2	0	x	x	x	x	P	2,880	9	N N	
421	2	0	0	0	1	0	x	x	x	x	P	3,100	3	N N	
422	1	0	0	0	0	0	x	x	x	x	P	3,120	5	N N	
423	3	0	0	0	1	0	x	x	x	x	P	3,300	11	A Mis L	3,493
424	43	1	2	0	4	0	x	x	x	x	P	3,300	11	A Mis L	5,345
425	843	46	7	0	678	0	x	x	x	x	P	3,300	11	A Dev	
426	25	0	0	0	24	0	x	x	x	x	P	2,430	25	A A	
427	0	0	0	0	1	0	x	x	x	x	P	2,480	10	A A	
428	44	1	1	0	43	0	x	x	x	x	P	2,700	15	A A	
429	9	0	0	0	16	0	x	x	x	x	P	2,950	18	A A	
430	106	7	1	0	71	0	x	x	x	x	P	2,975	18	A A	
431	444	29	3	0	251	0	1,300	x	x	x	P	3,075	20	A A	
432	43	1	0	0	27	0	x	x	x	x	P	3,110	10	AC AC	
433	8	1	0	0	5	0	x	x	x	x	P	3,130	7	AC AC	
434	40	2	1	0	29	0	x	x	x	x	P	3,150	7	AC AC	
435	124	5	1	0	211	0	x	x	x	x	P	3,075	20	A Mis L	2,921
436	11	0	0	0	9	0	x	x	x	x	P	2,705	11	AC AC	
437	0	0	0	0	0	0	x	x	x	x	P	2,750	6	AC AC	
438	11	0	0	0	8	0	x	x	x	x	P	2,750	6	A Mis L	2,911
439	0	0	0	0	1	0	x	x	x	x	P	2,620	10	AL AL	
440	38	1	0	0	33	0	x	x	x	x	P	2,700	10	AC AC	
441	8	1	0	0	9	0	x	x	x	x	P	2,750	5	A Mis L	2,981
442	2	0	0	0	1	0	x	x	x	x	P	2,750	5	AC AC	2,902
443	27	0	0	0	23	0	x	x	x	x	P	2,750	5	AC AC	
444	1	0	0	0	0	0	x	x	x	x	P	2,880	5	X Mis L	2,981
445	4	0	0	0	4	0	1,110	x	x	x	P	2,880	5	X Mis L	2,981
446	47	1	3	0	40	0	x	x	x	x	P	2,680	10	AC AC	
447	0	0	0	0	0	0	x	x	x	x	P	2,700	6	AC AC	
448	1	1	0	0	1	0	x	x	x	x	P	2,750	6	AC AC	
449	37	0	3	0	29	0	x	x	x	x	P	2,750	6	AC AC	
450	9	0	0	0	10	0	x	x	x	x	P	2,750	6	AC AC	
451	98	1	1	0	89	0	x	x	x	x	P	2,750	6	AC AC	
452	93	1	1	0	81	0	735	x	x	x	P	2,750	6	AC AC	
453	0	0	0	0	1	0	x	x	x	x	P	2,000	5	A A	
454	5	0	0	0	7	0	x	x	x	x	P	2,100	5	A A	
455	2	0	0	0	0	0	x	x	x	x	P	1,950	8	N Mis L	2,283
456	23	5	0	0	11	0	x	x	x	x	P	1,950	8	Dev Dev	3,537
457	10	2	0	0	2	0	500	x	x	x	P	1,200	8	AL AL	
458	13	3	0	0	9	0	x	x	x	x	P	1,370	7	AL AL	
459	1	0	0	0	1	0	x	x	x	x	P	1,370	7	A Mis L	1,685
460	0	0	0	0	0	0	x	x	x	x	P	1,180	10	AL AL	
461	0	0	0	0	0	0	x	x	x	x	P	1,350	10	AL AL	
462	1	0	0	0	1	0	x	x	x	x	P	1,350	10	M St. Peter	2,997
463	68	3	2	0	59	0	x	x	x	x	P	1,180	20	ML ML	
464	21	2	1	0	17	0	x	x	x	x	P	410	50	ML ML	
465	47	1	1	0	42	0	x	x	x	x	P	310	20	A Mis L	3,158
466	55	13	2	0	49	0	x	x	x	x	P	1,810	2	X Dev	1,853
467	7	0	0	0	2	0	x	x	x	x	OL	2,905	10	A A	
468	15	13	1	0	15	0	x	x	x	x	OL	2,920	8	A A	
469	32	0	1	0	31	0	x	x	x	x	OL	2,950	10	A A	
470	1	0	0	0	1	0	x	x	x	x	P	2,475	10	N N	
471	6	1	0	0	6	0	x	x	x	x	P	2,680	5	N N	
472	1	0	0	0	1	0	x	x	x	x	P	2,820	7	N N	
473	1	1	0	0	1	0	x	x	x	x	P	1,810	2	X Dev	
474	4	0	0	0	4	0	x	x	x	x	P	1,810	2	X Dev	
475	1	0	1	0	0	0	x	x	x	x	C	1,810	2	X Dev	

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
				NAME AND AGE ^b	AREA PROVED ACRES	BARRELS	AREA PROVED ACRES	MILLION CU FT ^c	GAS/OIL RATIO ^d MCF/BBL	TO END OF 1951	DURING 1951
476	Elbridge, Edgar	Pennsylvanian; Pen	1949	360	821,000	267,000	0	0	0	0	
477		20	x	x	0	0	0	0	0	0	
478		Fredonia; Mis L	360	x	x	0	0	0	0	0	
479		Devonian; Dev ³²	10	x	0	0	0	0	0	0	
480	Eldorado, Saline	Palestine; Mis U	1941	30	18,000	2,000	0	0	0	0	
481		10	x	1,000	0	0	0	0	0	0	
482		Tar Springs; Mis U ³²	10	x	x	0	0	0	0	0	
483		Aux Vases; Mis U	10	14,000	1,000	0	0	0	0	0	
484		McClosky; Mis L	10	x	0	0	0	0	0	0	
485	Elk Prairie, Jefferson ⁴⁶	McClosky; Mis L	1938	20	1,000	0	0	0	0	0	
486	Elkville, Jackson	Paint Creek; Mis U	1941	10	4,000	500	0	0	0	0	
487	Ellery, Edwards-Wayne	Aux Vases; Mis U ³¹	1941	60	77,000	5,000	0	0	0	0	
488		McClosky; Mis L	10	x	x	0	0	0	0	0	
489		60	x	x	0	0	0	0	0	0	
490		4									
491	Ellery North, Edwards ⁴⁷	Rosiclare; Mis L	1942	100	4,000	1,000	0	0	0	0	
492		60	1,000	1,000	0	0	0	0	0	0	
493		40	3,000	0	0	0	0	0	0	0	
494	Ellery South, Edwards	Aux Vases; Mis U	1943	170	138,000	5,000	0	0	0	0	
495		10	2,000	1,000	0	0	0	0	0	0	
496		McClosky; Mis L	160	136,000	4,000	0	0	0	0	0	
497	Ellery West, Wayne	1950	680	381,000	278,000	0	0	0	0	0	
498		Bethel; Mis U	200	x	x	0	0	0	0	0	
499		Aux Vases; Mis U ³¹	40	x	x	0	0	0	0	0	
500		Lower Ohara; Mis L		x	x	0	0	0	0	0	
501		Rosiclare; Mis L	480	x	x	0	0	0	0	0	
502		McClosky; Mis L		x	x	0	0	0	0	0	
503		4									
504	Elliottstown, Effingham ⁴⁸	Rosiclare; Mis L	1947	20	14,000	500	0	0	0	0	
505	Enfield, White ⁴⁹	1950	20	17,000	3,000	0	0	0	0	0	
506		Aux Vases; Mis U	10	16,000	3,000	0	0	0	0	0	
507		McClosky; Mis L	10	1,000	0	0	0	0	0	0	
508	Epworth Consolidated, White ⁵⁰	1941	260	538,000	61,000	0	0	0	0	0	
509		Biehl; Pen	30	x	x	0	0	0	0	0	
510		Clore; Mis U	110	x	x	0	0	0	0	0	
511		Tar Springs; Mis U	50	x	x	0	0	0	0	0	
512		Cypress; Mis U	20	x	x	0	0	0	0	0	
513		Aux Vases; Mis U	50	x	x	0	0	0	0	0	
514		Rosiclare; Mis L	10	3,000	0	0	0	0	0	0	
515	Evers, Effingham ⁵¹	McClosky; Mis L	10	1,000	0	0	0	0	0	0	
516	Evers South, Effingham ⁵²	Rosiclare; Mis L	1948	10	2,000	0	0	0	0	0	
517	Ewing, Franklin	1944	150	374,000	42,000	0	0	0	0	0	
518		Aux Vases; Mis U	10	38,000	5,000	0	0	0	0	0	
519		McClosky; Mis L	140	336,000	37,000	0	0	0	0	0	
520	Exchange, Marion	1943	80	54,000	3,000	0	0	0	0	0	
521		Lower Ohara; Mis L ³¹	40	x	x	0	0	0	0	0	
522		McClosky; Mis L	80	x	x	0	0	0	0	0	
523		4									
524	Exchange North, Marion	McClosky; Mis L	1951	20	2,000	2,000	0	0	0	0	
525	Fairfield, Wayne	1942	800	1,627,000	242,000	0	0	0	0	0	
526		Tar Springs; Mis U	160	x	x	0	0	0	0	0	
527		Cypress; Mis U	110	x	x	0	0	0	0	0	
528		Aux Vases; Mis U	600	x	x	0	0	0	0	0	
529		Lower Ohara; Mis L	20	x	x	0	0	0	0	0	
530		Rosiclare; Mis L	20	x	x	0	0	0	0	0	
531		McClosky; Mis L	20	x	x	0	0	0	0	0	
532		4									
533	Fairfield East, Wayne	Aux Vases; Mis U	1947	10	13,000	3,000	0	0	0	0	
534	Fairman, Marion-Clinton	Bethel; Mis U	1939	460	1,424,000	90,000	0	0	0	0	
535	Fitzgerrell, Jefferson	1944	10	15,000	1,000	0	0	0	0	0	
536		Bethel Mis U	10	x	x	0	0	0	0	0	
537		Aux Vases; Mis U	10	x	x	0	0	0	0	0	
538	Flannigan, Hamilton	Aux Vases; Mis U	1950	60	153,000	106,000	0	0	0	0	
539	Flora, Clay	1938	840	948,000	30,000	0	0	0	0	0	
540		Cypress; Mis U	20	x	x	0	0	0	0	0	
541		Bethel; Mis U	30	x	x	0	0	0	0	0	
542		Aux Vases; Mis U	10	x	x	0	0	0	0	0	
543		McClosky; Mis L	820	x	x	0	0	0	0	0	
544		4									
545	Flora South, Clay	McClosky; Mis L	1946	100	102,000	13,000	0	0	0	0	

TABLE I - A. H. BELL AND VIRGINIA KLINE

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LINE NUMBER	NUMBER OF WELLS ^e		WELLS PRODUCING ^f DEC 1951			RESERVOIR PRESSURE ¹ psi	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁿ TO END OF 1951								
	COMPLETED TO END 1951	COMPLETED	ABANDONED	FLOWING	OIL ³			GAS	INITIAL	Avg./END 1951	SECONDARY RECOVERY ^g	GRAVITY ² A.P.I.	SULPHUR PER CENT	CHARACTER ⁱ	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT ^l ; NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.
476	38	1	1	0	0	34	0	x	x	W				P	760	3	R	Dev	2,093
477	2	1	0	1	0	2	0	x	x	W	x	x	L	P	950	3	D		
478	36	0	1	0	0	32	0	x	x		x	x	L	P	1,950	20	D		
479	0	0	0	0	0	0	0	x	x		x	x	L	P					
480	3	0	1	0	0	1	0	x	x		x	x	S	P	1,940	7	A	Mis L	3,144
481	1	0	1	0	0	0	0	x	x		x	x	S	P	2,205	17	A		
482	0	0	0	0	0	0	0	x	x		x	x	S	P	2,865	15	A		
483	1	0	0	0	0	1	0	x	x		x	x	S	P	2,945	5	A		
484	1	0	0	0	0	0	0	x	x		x	x	L	P	2,735	7	X	Mis L	2,958
485	1	0	0	0	0	0	0	x	x		x	x	S	P	2,000	10	X	Mis L	2,387
486	1	0	0	0	0	1	0	x	x		x	x	S	P			A	Mis L	3,379
487	3	0	1	0	0	2	0	x	x		x	x	S	P	3,240	20	AL		
488	0	0	0	0	0	0	0	x	x		x	x	L	P	3,345	10	AC		
489	3	0	1	0	0	1	0	x	x		x	x	S	P					
490	0	0	0	0	0	1	0	x	x		x	x	L	P	3,350	9	MC	Mis L	3,496
491	3	1	1	0	0	0	0	x	x		x	x	S	P	3,420	7	MC		
492	2	1	1	0	0	0	0	x	x		x	x	L	P					
493	1	0	0	0	0	0	0	x	x		x	x	S	P	3,210	20	ML	Mis L	3,434
494	5	0	1	0	0	2	0	x	x		x	x	S	P	3,300	9	MC		
495	1	0	1	0	0	0	0	x	x		x	x	L	P					
496	4	0	0	0	0	2	0	x	x		x	x	S	P	3,110	10	AL	Mis L	3,445
497	42	29	2	0	39	0	0	x	x		x	x	S	P	3,230	15	AL		
498	17	17	0	0	17	0	0	x	x		x	x	S	P	3,280	10	AC		
499	0	0	0	0	0	0	0	x	x		x	x	S	P	3,300	7	AC		
500	13	4	0	0	6	0	0	x	x		x	x	L	P	3,300	3	AC		
501	2	1	1	0	11	0	0	x	x		x	x	L	P	3,370				
502	2	2	0	0	1	0	0	x	x		x	x	L	P					
503	8	5	1	0	4	0	0	x	x		x	x	S	P	2,730	8	X	Mis L	2,884
504	1	0	1	0	0	0	0	x	x		x	x	S	P			A	Mis L	3,497
505	2	0	1	0	0	0	0	x	x		x	x	S	P	3,280	5	AL		
506	1	0	1	0	0	0	0	x	x		x	x	L	P	3,420	7	AC		
507	1	0	0	0	0	0	0	x	x		x	x	LS	P			AF	Mis L	3,204
508	25	6	0	0	21	0	0	x	x		x	x	S	P					
509	3	3	0	0	3	0	0	x	x		x	x	S	P	1,840	4	AL		
510	10	0	0	0	8	0	0	x	x		x	x	S	P	2,100	10	AL		
511	5	0	0	0	3	0	0	x	x		x	x	S	P	2,360	15	AL		
512	1	0	0	0	2	0	0	x	x		x	x	S	P	2,730	10	AL		
513	5	3	0	0	4	0	0	x	x		x	x	S	P	2,995	13	AL		
514	1	0	0	0	1	0	0	x	x		x	x	L	P	3,115	2	AC		
515	1	0	0	0	0	0	0	x	x		x	x	L	P	2,660	4	X	Mis L	2,808
516	1	0	1	0	0	0	0	x	x		x	x	LS	P	2,650	8	X	Mis L	2,771
517	8	0	0	0	7	0	0	x	x		x	x	S	P			A	Mis L	3,094
518	1	0	0	0	1	0	0	x	x		x	x	S	P	2,835	8	A		
519	7	0	0	0	6	0	0	x	x		x	x	L	P	2,970	7	A		
520	2	0	0	0	2	0	0	x	x		x	x	S	P			M	Mc	2,869
521	0	0	0	0	1	0	0	x	x		x	x	L	P	2,695	10	MC		
522	2	0	0	0	1	0	0	x	x		x	x	L	P	2,730	8	MC		
523	0	0	0	0	1	0	0	x	x		x	x	S	P					
524	1	1	0	0	1	0	0	x	x		x	x	L	P	2,715	5	X	Mis L	2,831
525	66	0	6	0	56	0	0	x	x		x	x	S	P			A	Mis L	3,832
526	8	0	4	0	7	0	0	x	x		x	x	S	P	2,560	15	AL		
527	4	0	0	0	2	0	0	x	x		x	x	S	P	2,945	12	AL		
528	41	0	2	0	39	0	0	x	x		x	x	S	P	3,200	20	AL		
529	1	0	0	0	1	0	0	x	x		x	x	L	P	3,210	4	AC		
530	1	0	0	0	1	0	0	x	x		x	x	L	P	3,240	6	AC		
531	1	0	0	0	0	0	0	x	x		x	x	L	P	3,305	5	AC		
532	10	0	0	0	6	0	0	x	x		x	x	S	P					
533	1	0	0	0	1	0	0	x	x		x	x	S	P	3,180	12	ML	Mis L	3,802
534	41	0	0	0	27	0	0	x	x		x	x	S	P	1,435	10	A	Ord	4,100
535	1	0	0	0	1	0	0	x	x		x	x	S	P			X	Mis L	3,012
536	1	0	0	0	0	0	0	x	x		x	x	S	P	2,760	5	X		
537	0	0	0	0	1	0	0	x	x		x	x	S	P			X	X	
538	6	1	0	0	6	0	0	x	x		x	x	S	P	3,240	18	AL	Mis L	3,471
539	31	0	2	0	20	0	0	x	x		x	x	S	P	2,630	10	A	Mis L	3,100
540	1	0	0	0	2	0	0	x	x		x	x	S	P	2,785	10	A		
541	1	0	0	0	0	0	0	x	x		x	x	S	P	2,875	25	A		
542	1	0	0	0	1	0	0	x	x		x	x	L	P	2,965	10	A		
543	27	0	2	0	13	0	0	x	x		x	x	S	P	2,985	6	AC	Mis L	3,361
544	1	0	0	0	4	0	0	x	x		x	x	S	P					
545	4	1	0	0	3	0	0	x	x		x	x	S	P					

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl
				NAME AND AGE ^b	AREA PROVED ACRES	BARRELS		
						TO END OF 1951	DURING 1951	
546	Friendsville Central, Wabash	Bethel; Mis U	1946	30	25,000	2,000	0	
547	Friendsville North, Wabash	Biehl; Pen	1946	120	147,000	23,000	0	
548	Frogtown North, Clinton		1951	380	308,000	308,000	0	
549		St. Louis; Mis L		80	66,000	66,000	0	
550		Devonian-Silurian		300	242,000	242,000	0	
551	Gards Point, Wabash	Lower Ohara; Mis L	1951	20	14,000	14,000	0	
552	Gays, Moultrie ⁵³	Aux Vases; Mis U	1946	10	500	0	0	
553	Goldengate Consolidated, Wayne-White		1938	3,500	4,870,000	597,000	0	
554		Bethel; Mis U		10	x	x	0	
555		Aux Vases; Mis U		410	x	x	0	
556		Lower Ohara; Mis L			x	x	0	
557		Rosiclare; Mis L		3,200	x	x	0	
558		McClosky; Mis L			x	x	0	
559								
560	Goldengate East, Wayne	Lower Ohara; Mis L	1951	20	1,000	1,000	0	
561	Goldengate North, Wayne		1945	60	35,000	3,000	0	
562		Lower Ohara; Mis L ³¹		40	x	x	0	
563		Rosiclare; Mis L		60	x	x	0	
564				4				
565	Goldengate West, Wayne		1948	80	12,000	7,000	0	
566		Aux Vases; Mis U		40	x	x	0	
567		Lower Ohara; Mis L ³¹		40	x	x	0	
568		Rosiclare; Mis L		40	4,000	4,000	0	
569				4				
570	Gossett, White ⁵⁴		1943	100	15,000	12,000	0	
571		Cypress; Mis U		20	6,000	6,000	0	
572		Aux Vases; Mis U		20	1,000	1,000	0	
573		McClosky; Mis L		60	8,000	5,000	0	
574	Grandview, Edgar ⁵⁵		1945	10	x	x	400	x
575		Pennsylvanian; Pen		10	x	x	360	x
576		Salem; Mis L		0	0	0	40	x
577	Half Moon, Wayne		1947	430	583,000	272,000	0	
578		Aux Vases; Mis U		10	x	x	0	
579		Rosiclare; Mis L		40	x	x	0	
580		McClosky; Mis L		420	x	x	0	
581				4				
582	Helena, Lawrence		1947	50	22,000	5,000	0	
583		Waltersburg; Mis U		40	22,000	5,000	0	
584		McClosky; Mis L		10	0	0	0	
585	Herald, White-Gallatin		1939	2,360	3,231,000	358,000	400	x
586		Pennsylvanian; Pen		0	0	0	40	x
587		Pennsylvanian; Pen			x	x	0	
588		Pennsylvanian; Pen		150	x	x	0	
589		Pennsylvanian; Pen			x	x	120	0
590		Degonia; Mis U		10	x	x	0	
591		Waltersburg; Mis U		420	x	x	240	x
592		Tar Springs; Mis U		150	x	x	0	
593		Cypress; Mis U		800	x	x	0	
594		Paint Creek; Mis U ³¹		10	x	x	0	
595		Bethel; Mis U		100	x	x	0	
596		Aux Vases; Mis U		320	x	x	0	
597		Lower Ohara; Mis L			x	x	0	
598		Rosiclare; Mis L		400	x	x	0	
599		McClosky; Mis L			x	x	0	
600				4				
601	Herald East, White-Gallatin		1947	500	855,000	102,000	0	
602		Waltersburg; Mis U		50	x	x	0	
603		Tar Springs; Mis U		60	x	x	0	
604		Aux Vases; Mis U		380	x	x	0	
605		Lower Ohara; Mis L		20	x	x	0	
606	Herald North, White	Aux Vases; Mis U	1948	40	58,000	9,000	0	
607	Hidalgo, Jasper ⁵⁶	McClosky; Mis L	1940	60	10,000	0	0	
608	Hidalgo North, Cumberland	Rosiclare; Mis L	1946	40	6,000	0	0	
609	Hill, Effingham ⁵⁷	McClosky; Mis L	1943	80	41,000	0	0	
610	Hoffman, Clinton		1939	260	652,000	16,000	0	
611		Cypress; Mis U		100	x	x	0	
612		Bethel; Mis U		180	x	x	0	
613				4				
614	Hoodville East, Hamilton ⁵⁸	McClosky; Mis L	1944	20	1,000	0	0	

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e		WELLS PRODUCING ^f DEC 1951			RESERVOIR PRESSURE ¹ PSI	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁿ TO END OF 1951					
	COMPLETED TO END 1951	COMPLETED 1951	FLOWING	ABANDONED	OIL ³			GAS	INITIAL AVG./END 1951	SECONDARY RECOVERY ^g	CHARACTER ⁱ	PROD.	THICKNESS AVG. FT. ^j NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.
546	3	0	0	0	0	2		0	x	x	S	2,330	15	MC	Mis L	2,630
547	13	0	0	0	0	7		0	x	x	S	1,615	12	MC	Mis L	2,592
548	22	22	0	0	0	22		0	x	x	L	1,200	10	R	Sil	2,456
549	4	4	0	0	0	5		0	x	x	P	2,250	8	D		
550	18	18	0	0	0	17		0	x	x	P	2,240	6	R		
551	1	1	0	0	0	1		0	x	x	P	1,935	5	X	Mis L	2,941
552	1	0	0	0	0	0		0	x	x	S	ML		Mis L	2,011	
553	153	16	3	0	0	120		0	x	x	P	Mis L		Mis L	3,568	
554	0	0	0	0	0	1		0	x	x	S		x	AL		
555	35	5	1	0	0	29		0	x	x	S	3,180	15	AL		
556	11	0	0	0	0	10		0	x	x	OL	3,250	6	AC		
557	13	2	1	0	0	10		0	x	x	LS	3,275	7	AC		
558	66	3	1	0	0	36		0	1,025	x	OL	3,310	7	AC		
559	28	6	0	0	0	34		0	x	x						
560	1	1	0	0	0	1		0	x	x	L	3,290	3	X	Mis L	3,420
561	3	0	1	0	0	2		0	x	x	P	3,310	10	M	Mis L	3,460
562	0	0	0	0	0	0		0	x	x	P	3,325	6	MC		
563	1	0	1	0	0	0		0	x	x	P					
564	2	0	0	0	0	2		0	x	x						
565	5	4	0	0	0	4		0	x	x					3,490	
566	3	2	0	0	0	2		0	x	x	40.0	3,240	15	ML		
567	0	0	0	0	0	0		0	x	x	L	3,320	5	MC		
568	1	1	0	0	0	1		0	x	x	P	3,330	4	MC		
569	1	1	0	0	0	1		0	x	x						
570	7	5	0	0	0	6		0	x	x					3,210	
571	2	2	0	0	0	2		0	x	x						
572	2	2	0	0	0	2		0	x	x						
573	3	1	0	0	0	2		0	x	x					663	
574	12	2	0	0	0	0		2	x	x						
575	11	2	0	0	0	0		0	x	x						
576	1	0	0	0	0	0		0	x	x						
577	23	5	0	0	0	21		0	x	x					3,467	
578	1	1	0	0	0	0		0	x	x						
579	1	0	0	0	0	0		0	x	x						
580	20	4	0	0	0	21		0	1,008	x	27.0	3,300	10	MC	MC	
581	1	0	0	0	0	0		0	x	x						
582	5	0	0	0	0	2		0	x	x					2,633	
583	4	0	0	0	0	2		0	x	x						
584	1	0	0	0	0	0		0	x	x					3,394	
585	190	8	6	0	0	159		0	x	x						
586	1	1	0	0	0	0		1	x	x						
587	1	0	0	0	0	0		0	x	x	29.0	695	5	A		
588	10	0	0	0	0	6		0	x	x	29.0	1,060	10	A		
589	5	0	2	0	0	2		1	x	x	29.0	1,500	15	A		
590	1	0	0	0	0	2		0	x	x	36.0	1,750	18	A		
591	36	1	0	0	0	33		1	800	x	38.0	2,240	10	A		
592	10	0	0	0	0	7		0	x	x	37.2	2,260	13	AL		
593	72	3	2	0	0	66		0	x	x	36.0	2,660	14	AL		
594	0	0	0	0	0	0		0	x	x	36.0	x		AL		
595	8	2	0	0	0	6		0	x	x	36.0	2,790	11	AL		
596	27	0	0	0	0	23		0	1,000	x	35.7	2,920	6	AL		
597	4	1	0	0	0	2		0	x	x	37.0	2,965	6	AC		
598	2	0	0	0	0	1		0	x	x	L	3,005	4	AC		
599	8	0	2	0	0	6		0	750	x	38.0	3,010	10	AC		
600	5	0	0	0	0	5		0	x	x	L					
601	41	1	6	0	0	34		0	x	x	P				3,157	
602	5	0	1	0	0	7		0	x	x	37.0	2,290	10	ML		
603	6	0	0	0	0	4		0	x	x	35.6	2,365	12	ML		
604	30	1	5	0	0	22		0	700	x	38.0	2,930	16	ML		
605	0	0	0	0	0	1		0	x	x	L	x		MC		
606	4	0	0	0	0	4		0	x	x	38.6	2,900	10	MF		3,082
607	3	0	0	0	0	0		0	x	x	36.6	2,575	4	MC	Dev	4,140
608	2	1	0	0	0	0		0	x	x	L	2,655	12	MC	Mis L	2,778
609	2	0	0	0	0	0		0	x	x	L	2,565	5	N	Mis L	2,710
610	50	0	3	0	0	17		0	x	x	S	Dev		A	Dev	2,914
611	12	0	0	0	0	5		0	x	x	P	1,190	11	A		
612	37	0	3	0	0	12		0	x	x	33.2	1,320	7	A		
613	1	0	0	0	0	0		0	x	x	L	3,365	3	N	Mis L	3,411
614	1	0	0	0	0	0		0	x	x	P					

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION		YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl	GAS/OIL RATIO ^d MCF/BBL	TO END OF 1951	DURING 1951
		NAME AND AGE ^b	AREA PROVED ACRES		BARRELS		AREA PROVED ACRES	MILLION CU. FT. ^c				
					TO END OF 1951	DURING 1951						
615	Hord, Clay	McClosky; Mis L	1950	60	47,000	46,000	0	0	0	0		
616	Hord South, Clay	McClosky; Mis L	1951	80	83,000	83,000	0	0	0	0		
617	Huey, Clinton ⁵⁹	Bethel; Mis U	1945	60	500	0	0	0	0	0		
618	Hunt City, Jasper ⁶⁰	Rosiclar; Mis L	1945	20	1,000	0	0	0	0	0		
619	Hunt City South, Jasper	McClosky; Mis L	1947	80	19,000	8,000	0	0	0	0		
620	Ina, Jefferson ⁶¹	St. Louis; Mis L	1938	40	16,000	0	0	0	0	0		
621	Ina North, Jefferson	McClosky; Mis L	1949	20	1,000	0	0	0	0	0		
622	Incose, Edgar-Clark	Pennsylvanian; Pen	1941	30	x	x	320	x	0	0		
623	Ingraham, Clay ⁶²		1942	580	412,000	360,000	0	0	0	0		
624		Rosiclar; Mis L		x	x	x	0	0	0	0		
625		McClosky; Mis L		x	x	x	0	0	0	0		
626	Inman East Consolidated, Gallatin ⁶³		1940	3,100	9,284,000	826,000	0	0	0	0		
627		Pennsylvanian; Pen		50	x	x	0	0	0	0		
628		Degonia; Mis U			x	x	0	0	0	0		
629		Clore; Mis U		90	x	x	0	0	0	0		
630		Palestine; Mis U		40	x	x	0	0	0	0		
631		Waltersburg; Mis U		500	x	x	0	0	0	0		
632		Tar Springs; Mis U		1,460	x	x	0	0	0	0		
633		Hardinsburg; Mis U		130	x	x	0	0	0	0		
634		Cypress; Mis U		1,360	x	x	0	0	0	0		
635		Aux Vases; Mis U		40	x	x	0	0	0	0		
636		Lower Ohara; Mis L		20	x	x	0	0	0	0		
637		Rosiclar; Mis L		20	x	x	0	0	0	0		
638		McClosky; Mis L		120	x	x	0	0	0	0		
639		4										
640	Inman West Consolidated, Gallatin ⁶⁴		1940	2,100	1,928,000	421,000	0	0	0	0		
641		Pennsylvanian; Pen		10	x	x	0	0	0	0		
642		Palestine; Mis U		40	x	x	0	0	0	0		
643		Waltersburg; Mis U		40	x	x	0	0	0	0		
644		Tar Springs; Mis U		660	x	x	0	0	0	0		
645		Hardinsburg; Mis U		160	x	x	0	0	0	0		
646		Cypress; Mis U		900	x	x	0	0	0	0		
647		Renault; Mis U ³¹		20	x	x	0	0	0	0		
648		Aux Vases; Mis U		150	x	x	0	0	0	0		
649		Lower Ohara; Mis L		60	x	x	0	0	0	0		
650		Rosiclar; Mis L		40	x	x	0	0	0	0		
651		McClosky; Mis L		200	x	x	0	0	0	0		
652		4										
653	Iola Consolidated, Clay- Effingham ⁶⁵		1939	2,700	7,239,000	375,000	0	0	0	0		
654		Tar Springs; Mis U ³²		10	x	x	0	0	0	0		
655		Cypress; Mis U		430	x	x	0	0	0	0		
656		Paine Creek; Mis U ³¹		10	x	x	0	0	0	0		
657		Bethel Mis U		800	x	x	0	0	0	0		
658		Renault; Mis U ³¹		10	x	x	0	0	0	0		
659		Aux Vases; Mis U		1,360	x	x	0	0	0	0		
660		Rosiclar; Mis L			x	x	0	0	0	0		
661		McClosky; Mis L		1,200	x	x	0	0	0	0		
662		4										
663	Iola South, Clay		1947	200	89,000	60,000	0	0	0	0		
664		Bethel; Mis U		120	x	x	0	0	0	0		
665		Rosiclar; Mis L		140	x	x	0	0	0	0		
666		4										
667	Iola West, Clay ⁶⁶	McClosky; Mis L	1945	20	500	0	0	0	0	0		
668	Iron, White		1940	1,020	3,665,000	61,000	0	0	0	0		
669		Waltersburg; Mis U ³²		10	x	0	0	0	0	0		
670		Tar Springs; Mis U		100	x	x	0	0	0	0		
671		Hardinsburg; Mis U		400	x	x	0	0	0	0		
672		Cypress; Mis U		50	x	x	0	0	0	0		
673		Bethel; Mis U		20	x	x	0	0	0	0		
674		Aux Vases; Mis U ³¹		10	x	x	0	0	0	0		
675		Lower Ohara; Mis L ³¹		20	x	x	0	0	0	0		
676		Rosiclar; Mis L ³¹		20	x	x	0	0	0	0		
677		McClosky; Mis L		340	x	x	0	0	0	0		
678		4										
679	Irvington, Washington		1940	1,000	5,053,000	170,000	0	0	0	0		
680		Barlow; Mis U ³²		10	x	x	0	0	0	0		
681		Cypress; Mis U		100	x	x	0	0	0	0		
682		Bethel; Mis U		900	x	x	0	0	0	0		

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE ⁱ PSI	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁿ TO END OF 1951		
	COMPLETED TO END 1951	1951	OIL ³	FLOWING	ARTIFICIAL LIFT	GAS			SECONDARY RECOVERY ^g	CHARACTER ^j	PROD. THICKNESS AVG. FT. NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.
615	3	2	0	0	0	3	0	x	x	L	2,800	5	TC	2,954
616	4	4	0	0	0	4	0	x	x	P	2,780	5	NC	2,902
617	3	0	0	0	0	0	0	x	x	S	1,260	6	AL	2,720
618	1	0	0	0	0	0	0	x	x	P	2,540	10	MC	2,716
619	4	2	0	0	0	4	0	x	x	L	2,445	7	MC	2,559
620	2	0	0	0	0	0	0	x	x	P	3,000	4	AC	3,100
621	1	0	0	0	0	0	0	x	x	L	2,940	4	X	3,150
622	12	0	0	0	0	0	0	x	x	P	340	8	AL	3,160
623	32	25	2	0	0	27	0	x	x	L	3,000	7	MC	3,148
624	28	25	2	0	0	26	0	x	x	P	3,075	8	MC	
625	4	0	0	0	0	1	0	x	x	A			Mis L	
626	296	4	4	0	274	0							Mis L	3,020
627	3	0	0	0	0	2	0	x	x					
628	1	0	0	0	0	1	0	x	x					
629	1	0	0	0	0	1	0	x	x					
630	1	0	0	0	0	1	0	x	x					
631	28	1	1	0	0	25	0	x	x					
632	128	0	2	0	0	119	0	x	x					
633	3	0	0	0	0	2	0	x	x					
634	89	2	1	0	0	85	0	x	x					
635	3	0	0	0	0	2	0	x	x					
636	1	0	0	0	0	1	0	x	x					
637	1	0	0	0	0	1	0	x	x					
638	4	0	0	0	0	3	0	x	x					
639	33	1	0	0	0	31	0	x	x					
640	155	16	6	0	133	0							T	Mis L
641	1	0	0	0	0	0	0	x	x					
642	3	0	1	0	0	2	0	x	x				NL	
643	4	0	1	0	0	2	0	x	x				NL	
644	40	3	1	0	38	0	750	x					TL	
645	4	0	0	0	0	3	0	x	x				TL	
646	52	5	2	0	0	49	0	x	x				T	
647	0	0	0	0	0	0	0	x	x				T	
648	12	2	1	0	0	10	0	x	x				TL	
649	1	0	0	0	0	1	0	x	x				MC	
650	1	0	0	0	0	1	0	x	x				MC	
651	8	2	0	0	0	2	0	x	x				MC	
652	29	4	0	0	0	25	0	x	x				MC	
653	203	2	5	0	164	0			W				A	Dev
654	0	0	0	0	0	0	0	x	x					
655	26	0	1	0	0	23	0	x	x				A	
656	0	0	0	0	0	0	0	x	x				A	
657	28	0	1	0	0	19	0	x	x				A	
658	0	0	0	0	0	0	0	x	x				A	
659	71	0	0	0	0	52	0	x	x				A	
660	11	0	1	0	0	9	0	x	x				A	
661	16	1	1	0	0	11	0	x	x				A	
662	51	1	1	0	0	50	0	x	x				A	
663	15	4	1	0	0	12	0	x	x				Dev	
664	9	3	0	0	0	8	0	x	x					4,325
665	5	1	1	0	0	4	0	x	x				AL	
666	1	0	0	0	0	0	0	x	x				AC	
667	1	0	0	0	0	0	0	x	x					
668	73	3	0	0	0	39	0	x	x				Mis L	2,613
669	0	0	0	0	0	0	0	x	x				Mis L	3,246
670	6	0	0	0	0	2	0	x	x					
671	38	0	0	0	0	23	0	x	x					
672	3	0	0	0	0	3	0	x	x					
673	1	0	0	0	0	0	0	x	x					
674	0	0	0	0	0	0	0	x	x					
675	0	0	0	0	0	0	0	x	x					
676	0	0	0	0	0	0	0	x	x					
677	21	2	0	0	0	9	0	x	x					
678	4	1	0	0	0	2	0	x	x					
679	93	3	0	0	0	80	0	x	x				Dev	
680	0	0	0	0	0	0	0	x	x					3,412
681	2	0	0	0	0	2	0	x	x					
682	82	2	0	0	0	63	0	x	x					

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c		
		NAME AND AGE ^b			TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951	
683		Devonian; Dev		160	x	x	0	0	0	
684		4								
685	Irvington East, Jefferson	Pennsylvanian; Pen	1951	10	1,000	1,000	0	0	0	
686	Iuka, Marion	McClosky; Mis L	1947	120	58,000	5,000	0	0	0	
687	Johnsonville Consolidated, Wayne		1940	8,720	26,760,000	661,000	0	0	0	
688		Bethel; Mis U ³²		30	x	x	0	0	0	
689		Aux Vases; Mis U		2,300	x	x	0	0	0	
690		Lower Ohara; Mis L		600	x	x	0	0	0	
691		Rosiclare; Mis L		60	x	x	0	0	0	
692		McClosky; Mis L		8,000	x	x	0	0	0	
693		4								
694	Johnsonville North, Wayne		1943	40	41,000	2,000	0	0	0	
695		Lower Ohara; Mis L ³¹		40	x	x	0	0	0	
696		McClosky; Mis L ³¹		40	x	x	0	0	0	
697		4								
698	Johnsonville South, Wayne		1942	340	283,000	45,000	0	0	0	
699		Aux Vases; Mis U		180	x	x	0	0	0	
700		Rosiclare; Mis L		20	x	x	0	0	0	
701		McClosky; Mis L		160	x	x	0	0	0	
702	Johnsonville West, Wayne ⁶⁷		1942	250	274,000	72,000	0	0	0	
703		Aux Vases; Mis U		110	x	x	0	0	0	
704		Lower Ohara; Mis L		20	x	x	0	0	0	
705		McClosky; Mis L		120	x	x	0	0	0	
706	Junction, Gallatin		1939	170	289,000	3,000	0	0	0	
707		Pennsylvanian; Pen		30	8,000	2,000	0	0	0	
708		Waltersburg; Mis U		130	277,000	0	0	0	0	
709		Hardinsburg; Mis U		10	4,000	1,000	0	0	0	
710	Junction North, Gallatin		1946	40	12,000	2,000	0	0	0	
711		Pennsylvanian; Pen		30	12,000	2,000	0	0	0	
712		Aux Vases; Mis U		10	0	0	0	0	0	
713	Keensburg East, Wabash ⁶⁸		1939	120	9,000	0	0	0	0	
714		Lower Ohara; Mis L		40	x	0	0	0	0	
715		McClosky; Mis L		80	x	0	0	0	0	
716	Keensburg South, Wabash		1944	100	151,000	64,000	0	0	0	
717		Pennsylvanian; Pen		30	x	x	0	0	0	
718		Cypress; Mis U		40	x	x	0	0	0	
719		Lower Ohara; Mis L		40	57,000	1,000	0	0	0	
720	Keenville, Wayne		1945	640	878,000	115,000	0	0	0	
721		Aux Vases; Mis U		210	x	x	0	0	0	
722		Lower Ohara; Mis L		60	x	x	0	0	0	
723		Rosiclare; Mis L		20	x	x	0	0	0	
724		McClosky; Mis L		360	x	x	0	0	0	
725		4								
726	Keenville East, Wayne	McClosky; Mis L	1951	40	8,000	8,000	0	0	0	
727	Kell, Jefferson ⁶⁹	McClosky; Mis L	1942	40	3,000	0	0	0	0	
728	Kenner, Clay		1942	610	741,000	42,000	0	0	0	
729		Tar Springs; Mis U		10	x	x	0	0	0	
730		Bethel; Mis U		560	x	x	0	0	0	
731		Aux Vases; Mis U ³²		10	x	x	0	0	0	
732		Rosiclare; Mis L		20	x	x	0	0	0	
733		McClosky; Mis L		20	x	x	0	0	0	
734		4								
735	Kenner North, Clay		1947	300	623,000	64,000	0	0	0	
736		Cypress; Mis U		10	x	x	0	0	0	
737		Bethel Mis U		280	x	x	0	0	0	
738		McClosky; Mis L		120	x	x	0	0	0	
739	Kenner South, Clay	McClosky; Mis L	1950	20	3,000	1,000	0	0	0	
740	Kenner West, Clay		1947	310	1,089,000	127,000	0	0	0	
741		Cypress; Mis U		310	x	x	0	0	0	
742		Bethel; Mis U		200	x	x	0	0	0	
743		McClosky; Mis L ³¹		40	x	x	0	0	0	
744		4								
745	Keyesport, Clinton	Bethel; Mis U	1949	120	24,000	9,000	0	0	0	
746	King, Jefferson		1942	760	1,330,000	75,000	0	0	0	
747		Aux Vases; Mis U		640	x	x	0	0	0	
748		Lower Ohara; Mis L			x	x	0	0	0	
749		Rosiclare; Mis L		300	x	x	0	0	0	
750		McClosky; Mis L			x	x	0	0	0	
751		4								
752	Kinmundy, Marion	Bethel; Mis U	1950	10	4,000	2,000	0	0	0	

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE psi	CHARACTER OF OIL ^h	PRODUCING FORMATION			NAME	DEEPEST ZONE TESTED ⁿ TO END OF 1951	DEPTH OF HOLE, FT.		
	COMPLETED TO END 1951	COMPLETED	ABANDONED	OIL FLOWING	ARTIFICIAL LIFT	GAS	INITIAL AVG./END 1951	SECONDARY RECOVERY ^g	GRAVITY A.P.I.	SULPHUR PER CENT	POROSITY PER CENT	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT. ^j /NET	STRUCTURE ^m		
683	7	0	0	0	8	0	x	x	39.0	0.27	L	C	3,090	12	A	
684	2	1	0	0	7	0	x	x		x	S	P	1,030	15	X	Pen
685	1	1	0	0	1	0	x	x		x	L	P	2,875	6	MC	Mis L
686	3	0	0	0	1	0	x	x		x	OL	P	2,950	12	AL	Dev
687	379	1	7	0	317	0	x	x		x	OL	P	3,020	20	AL	
													3,120	10	AL	
													3,150	8	AL	
													3,170	15	AL	
688	0	0	0	0	0	0	x	x		x	S	P				
689	71	0	0	0	73	0	x	x	39.4	0.14	S	P				
690	6	0	0	0	2	0	x	x		x	OL	P				
691	3	0	0	0	3	0	x	x	38.0	x	OL	P				
692	263	1	7	0	171	0	x	x	38.0	0.17	OL	P				
693	36	0	0	0	68	0	x	x		x						
694	1	0	0	0	1	0	x	x	37.6	0.17	OL	P				
695	0	0	0	0	0	0	x	x	37.6	0.17	OL	P				
696	0	0	0	0	0	0	x	x		x						
697	1	0	0	0	0	1	x	x		x						
698	21	1	1	0	14	0	x	x	39.0	x	S	P				
699	15	0	0	0	10	0	x	x		x	L	P				
700	1	1	0	0	1	0	x	x	37.7	x	L	P				
701	5	0	1	0	3	0	x	x		x	L	P				
702	18	4	2	0	13	0	x	x		x	S	P				
703	11	4	2	0	11	0	x	x		x	L	P				
704	1	0	0	0	0	0	x	x		x	L	P				
705	6	0	0	0	2	0	x	x		x	L	P				
706	18	0	0	0	2	0	x	x		x	L	P				
707	3	0	0	0	1	0	x	x		x	S	P				
708	14	0	0	0	0	0	x	x	37.2	0.22	S	P				
709	1	0	0	0	1	0	x	x		x	S	P				
710	4	0	0	0	2	0	x	x		x	S	P				
711	3	0	0	0	2	0	x	x		x	S	P				
712	1	0	0	0	0	0	x	x		x	S	P				
713	3	0	0	0	0	0	x	x		x	S	P				
714	1	0	0	0	0	0	x	x		x	L	P				
715	2	0	0	0	0	0	x	x	37.6	0.26	L	P				
716	8	5	0	0	7	0	x	x		x	L	P				
717	3	1	0	0	2	0	x	x		x	S	P				
718	4	4	0	0	4	0	x	x		x	S	P				
719	1	0	0	0	1	0	x	x		x	L	P				
720	45	10	0	0	41	0	x	x		x	S	P				
721	20	9	0	0	17	0	x	x	37.0	x	L	P				
722	2	0	0	0	2	0	x	x		x	L	P				
723	1	1	0	0	1	0	x	x		x	L	P				
724	20	0	0	0	20	0	x	x	36.0	x	L	P				
725	2	0	0	0	1	0	x	x		x	L	P				
726	2	2	0	0	2	0	x	x		x	L	P				
727	1	0	0	0	0	0	x	x	36.6	0.26	L	P				
728	44	0	0	0	39	0	x	x		x	S	P				
729	1	0	0	0	0	0	x	x		x	S	P				
730	40	0	0	0	39	0	x	x	38.0	0.22	S	P				
731	0	0	0	0	0	0	x	x		x	S	P				
732	1	0	0	0	0	0	x	x		x	L	P				
733	1	0	0	0	0	0	x	x		x	L	P				
734	1	0	0	0	0	0	x	x		x	S	P				
735	32	0	0	0	28	0	x	x		x			x	A	Mis L	3,076
736	0	0	0	0	1	0	x	x		x	S	P				
737	27	0	0	0	23	0	x	x	36.0	x	S	P				
738	5	0	0	0	4	0	x	x	36.0	x	L	P				
739	1	0	0	0	0	0	x	x	37.2	x	L	P				
740	30	0	0	0	30	0	x	x		x	S	P				
741	14	0	0	0	14	0	x	x	36.0	x	S	P				
742	2	0	0	0	2	0	x	x	38.0	x	S	P				
743	0	0	0	0	0	0	x	x	38.0	x	L	P				
744	14	0	0	0	14	0	x	x		x	S	P				
745	11	0	1	0	10	0	x	x		x	S	P				
746	38	1	0	0	32	0	x	x	38.6	0.17	S	P				
747	27	0	0	0	22	0	x	x		x	L	P				
748	1	0	0	0	0	0	x	x	39.6	0.16	LS	P				
749	4	1	0	0	2	0	x	x		x	L	P				
750	1	0	0	0	0	0	x	x	34.0	x	S	P				
751	5	0	0	0	8	0	x	x		x	S	P				
752	1	0	0	0	1	0	x	x		x	S	P				

TABLE I - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	GAS/OIL RATIO ^d MCF/BBL	TO END OF 1951	DURING 1951
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c					
	NAME AND AGE ^b				TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951				
753	Laclede, Fayette ⁷⁰	Bethel; Mis U	1943	50	10,000	1,000	0	0	0	0			
754	Lakewood, Shelby		1941	130	170,000	19,000	0	0	0	0			
755		Bethel; Mis U		80	x	x	0	0	0	0			
756		Aux Vases; Mis U		50	x	x	0	0	0	0			
757	Lancaster, Wabash-Lawrence		1940	1,400	2,449,000	74,000	0	0	0	0			
758		Paint Creek; Mis U			x	x	0	0	0	0			
759		Bethel; Mis U		890	x	x	0	0	0	0			
760		Lower Ohara; Mis L		40	x	x	0	0	0	0			
761		McClosky; Mis L		500	x	x	0	0	0	0			
762		4											
763	Lancaster Central, Wabash		1946	300	323,000	11,000	0	0	0	0			
764		Lower Ohara; Mis L		100	x	x	0	0	0	0			
765		Rosiclare; Mis L		260	x	x	0	0	0	0			
766		McClosky; Mis L ³²		20	x	x	0	0	0	0			
767		4											
768	Lancaster East, Wabash		1944	50	24,000	3,000	0	0	0	0			
769		Biehl; Pen		30	6,000	1,000	0	0	0	0			
770		Rosiclare; Mis L		20	18,000	2,000	0	0	0	0			
771	Lancaster North, Lawrence	Bethel; Mis U	1948	10	1,000	0	0	0	0	0			
772	Lancaster South, Wabash		1946	90	78,000	24,000	0	0	0	0			
773		Bethel; Mis U		50	62,000	24,000	0	0	0	0			
774		Lower Ohara; Mis L		20	0	0	0	0	0	0			
775		McClosky; Mis L		20	16,000	0	0	0	0	0			
776	Lexington, Wabash	McClosky; Mis L	1947	200	321,000	13,000	0	0	0	0			
777	Lexington North, Wabash		1951	20	1,000	1,000	0	0	0	0			
778	Lillyville, Cumberland- Effingham		1946	160	266,000	21,000	0	0	0	0			
779	Livingston, Madison	Pennsylvanian; Pen	1948	340	157,000	34,000	0	0	0	0			
780	Livingston East (Gas), Madison	Pennsylvanian; Pen	1951	0	0	0	40	0	0	0			
781	Livingston South, Madison	Pennsylvanian; Pen	1950	150	28,000	19,000	0	0	0	0			
782	Locust Grove, Wayne		1951	80	40,000	40,000	0	0	0	0			
783		Aux Vases; Mis U		40	x	x	0	0	0	0			
784		Lower Ohara; Mis L		40	x	x	0	0	0	0			
785		McClosky; Mis L ³¹		20	x	x	0	0	0	0			
786		4											
787	Long Branch, Saline- Hamilton		1950	60	43,000	18,000	0	0	0	0			
788		Palestine; Mis U		20	26,000	11,000	0	0	0	0			
789		Cypress; Mis U		20	3,000	3,000	0	0	0	0			
790		McClosky; Mis L		20	14,000	4,000	0	0	0	0			
791	Louden, Fayette-Effingham		1937	23,160	163,818,000	6,101,000	800	x	140.4				
792		Burtschi; Pen		0	0	0	320	x	27.7				
793		Tar Springs; Mis U		0	0	0	480	112.7	112.7				
794		Cypress; Mis U		23,000	x	x	0	0	0				
795		Pain Creek; Mis U			x	x	0	0	0				
796		Bethel; Mis U		13,000	x	x	0	0	0				
797		Aux Vases; Mis U		500	x	x	0	0	0				
798		Devonian; Dev		3,000	13,916,000	730,000	0	0	0				
799		4											
800	Lynchburg, Jefferson	McClosky; Mis L	1951	20	8,000	8,000	0	0	0	0			
801	McKinley, Washington		1940	320	380,000	17,000	0	0	0	0			
802		Bethel; Mis U		70	200,000	1,000	0	0	0	0			
803		Silurian; Sil		300	180,000	16,000	0	0	0	0			
804	Maple Grove, Edwards		1943	1,160	1,450,000	59,000	0	0	0	0			
805		Lower Ohara; Mis L		20	26,000	13,000	0	0	0	0			
806		McClosky; Mis L		1,140	1,424,000	46,000	0	0	0	0			
807	Maple Grove East, Edwards ⁷¹		1944	380	144,000	56,000	0	0	0	0			
808		Waltersburg; Mis U		40	15,000	13,000	0	0	0	0			
809		Lower Ohara; Mis L		20	4,000	2,000	0	0	0	0			
810		Rosiclare; Mis L		120	x	x	0	0	0	0			
811		McClosky; Mis L		200	x	x	0	0	0	0			
812	Maple Grove South, Edwards ⁷²	McClosky; Mis L	1945	20	9,000	0	0	0	0	0			
813	Marcoe, Jefferson ⁷³		1938	40	13,000	0	0	0	0	0			
814	Marine, Madison		1943	3,100	7,328,000	788,000	0	0	0	0			
815	Marion, Williamson	Aux Vases; Mis U	1950	10	500	0	0	0	0	0			
816	Markham City, Jefferson	Ste. Genevieve; Mis L	1942	760	1,111,000	29,000	0	0	0	0			
817	Markham City North, Jefferson Wayne		1943	500	818,000	28,000	0	0	0	0			
818		Aux Vases; Mis U		30	x	x	0	0	0	0			
819		McClosky; Mis L		500	x	x	0	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING/DEC 1951				RESERVOIR PRESSURE PSI ⁱ	CHARACTER OF OIL ^h	PRODUCING FORMATION				DEEPEST ZONE TESTED ⁿ TO END OF 1951							
	COMPLETED TO END 1951		1951	OIL		GAS	INITIAL AVG./END 1951			SECONDARY RECOVERY ^c	GRAVITY A.P.I.	SULPHUR PER CENT	CHARACTER ^j	POROSITY PER CENT	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT. NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.		
	COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT																	
753	3	0	0	0	0	2	0	x	x		35.6	0.18	S	P	2,335	15	A	Mis L	2,608		
754	12	0	0	0	0	11	0	x	x		38.0	x	S	P	1,690	7	A	Mis L	1,794		
755	7	0	0	0	0	7	0	x	x		31.7	0.23	S	P	1,720	8	AL				
756	5	0	0	0	0	4	0	x	x				P								
757	100	0	1	0	0	62	0	x	x				P								
758	1	0	0	0	0	2	0	x	x				P								
759	67	0	1	0	0	54	0	x	x				P								
760	1	0	0	0	0	0	0	x	x				P								
761	30	0	0	0	0	5	0	x	x				P								
762	1	0	0	0	0	1	0														
763	14	1	3	0	0	5	0														
764	2	0	0	0	0	0	0	x	x												
765	8	0	3	0	0	4	0	x	x												
766	0	0	0	0	0	0	0	x	x												
767	4	1	0	0	0	1	0														
768	4	0	0	0	0	4	0														
769	3	0	0	0	0	3	0	x	x												
770	1	0	0	0	0	1	0	x	x												
771	1	0	0	0	0	0	0	x	x												
772	7	1	1	0	0	5	0														
773	5	0	0	0	0	5	0	x	x												
774	1	1	1	0	0	0	0	x	x												
775	1	0	0	0	0	0	0	x	x												
776	10	0	3	0	0	6	0	x	x												
777	1	1	0	0	0	1	0	x	x												
778	8	0	0	0	0	8	0	x	x												
779	37	5	2	0	0	31	0	x	x												
780	1	1	0	0	0	0	0	x	x												
781	14	9	1	0	0	13	0	x	x												
782	6	6	0	0	0	6	0	x	x												
783	4	4	0	0	0	4	0	x	x												
784	1	1	0	0	0	1	0	x	x												
785	0	0	0	0	0	0	0	x	x												
786	1	1	0	0	0	1	0														
787	5	2	0	0	0	5	0														
788	2	0	0	0	0	2	0	x	x												
789	2	2	0	0	0	2	0	x	x												
790	1	0	0	0	0	1	0	x	x	P, G, W											
791	2,155	19	8	3	1,987	3															
792	6	0	1	0	0	0	0	x	x												
793	3	3	0	0	0	0	3	x	x												
794	954	16	6	0	0	866	0	x	x	G, W	36.0	0.25	S	P	1,000	20	AL				
795	171	0	0	0	0	109	0	x	x	G	37.8	0.24	S	P	1,170	2	AL				
796	649	0	1	0	0	285	0	x	x	G	38.5	0.20	S	P	1,495	15	A				
797	0	0	0	0	0	2	0	x	x	G	37.0	0.17	S	P	1,540	15	A				
798	85	0	0	0	3	73	0	1,350	x	P	28.5	0.48	L	C	1,550	10	A				
799	287	0	0	0	0	652	0								1,630	9	A				
800	1	1	0	0	0	1	0	x	x						3,000	15	A				
801	17	0	3	0	0	7	0	x	x						3,050	10	X	Mis L	3,162		
802	7	0	2	0	0	2	0	x	x						2,745	5	R	Ord	3,983		
803	10	0	1	0	0	5	0	x	x						2,240	40	A				
804	39	0	0	0	0	26	0	x	x						3,230	3	A	Mis L	3,375		
805	1	0	0	0	0	1	0	x	x						3,275	6	A				
806	38	0	0	0	0	25	0	x	x						3,230	5	M	Mis L	3,323		
807	21	4	1	0	0	15	0	x	x						3,250	10	MC				
808	4	3	0	0	0	4	0	x	x						2,430	15	ML				
809	1	0	0	0	0	1	0	x	x						3,195	15	MC				
810	6	0	0	0	0	5	0	x	x						3,210	5	MC				
811	10	1	1	0	0	5	0	x	x						3,230	5	MC				
812	1	0	0	0	0	0	0	x	x						3,250	10	MC	Mis L	3,358		
813	2	0	0	0	0	0	0	x	x						2,745	15	MC	Mis L	3,066		
814	145	3	2	0	0	135	0	x	x						1,740	5	R	Ord	2,619		
815	1	0	0	0	0	0	0	x	x						2,385	5	X	Mis L	2,560		
816	19	0	0	0	0	11	0	x	x						3,070	10	A	Mis L	3,215		
817	16	0	2	0	0	9	0	x	x							8	A	Mis L	3,169		
818	2	0	0	0	0	2	0	x	x						2,950	6	AL				
819	14	0	2	0	0	7	0	x	x						3,075	8	AC				

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
				NAME AND AGE ^b	AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c		GAS/OIL RATIO ^d MCF/BBL
						TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951	
820	Markham City West, Jefferson		1945	Aux Vases; Mis U	600	1,266,000	86,000	0	0	0	
821				McCosky; Mis L	320	x	x	0	0	0	
822				4	360	x	x	0	0	0	
823											
824	Mason, Effingham		1940	Bethel; Mis U	120	202,000	8,000	0	0	0	
825				McCosky; Mis L	10	x	x	0	0	0	
826					110	x	x	0	0	0	
827	Mason, North, Effingham		1951	Rosiclare; Mis L	110	23,000	23,000	0	0	0	
828				4	70	x	x	0	0	0	
829					10	x	x	0	0	0	
830					40	x	x	0	0	0	
831											
832	Massillon, Wayne - Edwards		1946	Lower Ohara; Mis L	120	89,000	3,000	0	0	0	
833	Massillon South, Edwards	⁷⁴	1947	Lower Ohara; Mis L	20	500	0	0	0	0	
834	Mattoon, Coles	⁷⁵	1938	Cypress; Mis U	5,100	9,970,000	464,000	0	0	0	
835				Aux Vases; Mis U	2,200	x	x	0	0	0	
836				Paint Creek; Mis U	180	x	x	0	0	0	
837				Bethel; Mis U	3,700	x	x	0	0	0	
838				McCosky; Mis L	20	x	x	0	0	0	
839											
840	Maunie East, White		1951	McCosky; Mis L	20	2,000	2,000	0	0	0	
841	Maunie North, White		1941	Pennsylvanian; Pen	800	745,000	142,000	0	0	0	
842				Tar Springs; Mis U	10	x	x	0	0	0	
843				Paint Creek; Mis U	50	x	x	0	0	0	
844				Bethel; Mis U	20	x	x	0	0	0	
845				Aux Vases; Mis U	340	x	x	0	0	0	
846				Lower Ohara; Mis L	80	x	x	0	0	0	
847				Rosiclare; Mis L	400	x	x	0	0	0	
848				McCosky; Mis L	4	x	x	0	0	0	
849											
850											
851	Maunie South, White		1941	Bridgeport; Pen	1,360	3,442,000	268,000	0	0	0	
852				Degonia; Mis U	80	x	x	0	0	0	
853				Palestine; Mis U	70	x	x	0	0	0	
854				Waltersburg; Mis U	480	x	x	0	0	0	
855				Tar Springs; Mis U	20	x	x	0	0	0	
856				Cypress; Mis U	430	x	x	0	0	0	
857				Bethel; Mis U	240	x	x	0	0	0	
858				³²	10	x	x	0	0	0	
859				Aux Vases; Mis U	100	x	x	0	0	0	
860				Rosiclare; Mis L	20	x	x	0	0	0	
861				McCosky; Mis L	40	x	x	0	0	0	
862											
863	Maunie West, White	⁷⁶	1945	Bethel; Mis U	40	5,000	2,000	0	0	0	
864				³²	10	x	x	0	0	0	
865				Aux Vases; Mis U	20	x	x	0	0	0	
866				McCosky; Mis L	4	500	0	0	0	0	
867											
868	Mayberry, Wayne		1941	McCosky; Mis L	240	295,000	5,000	0	0	0	
869	Mayberry North, Wayne	⁷⁷	1948	McCosky; Mis L	20	1,000	0	0	0	0	
870	Merriam, Wayne		1949	McCosky; Mis L	20	7,000	2,000	0	0	0	
871	Miletus, Marion		1947		200	157,000	23,000	0	0	0	
872				Bethel; Mis U	80	x	x	0	0	0	
873				Aux Vases; Mis U	100	x	x	0	0	0	
874				McCosky; Mis L	60	x	x	0	0	0	
875											
876	Mill Shoals, White - Hamilton		1939	Lower Ohara; Mis L	2,400	6,198,000	286,000	0	0	0	
877				Aux Vases; Mis U	2,200	x	x	0	0	0	
878				Lower Ohara; Mis L		x	x	0	0	0	
879				Rosiclare; Mis L	800	x	x	0	0	0	
880				McCosky; Mis L	4	x	x	0	0	0	
881											
882	Mills Prairie, Edwards		1948	Lower Ohara; Mis L	20	2,000	0	0	0	0	
883	Mitchell, Edwards - Wayne		1949		160	88,000	59,000	0	0	0	
884						x	x	0	0	0	
885											
886				Rosiclare; Mis L	160	32,000	32,000	0	0	0	
887				McCosky; Mis L	4	x	x	0	0	0	
888	Mt. Auburn, Christian		1943	Silurian; Sil	160	36,000	3,000	0	0	0	
889	Mt. Carmel, Wabash	⁷⁸	1940		4,200	8,857,000	308,000	0	0	0	

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

29

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING/ DEC. 1951			RESERVOIR ^f PRESSURE ^g psi	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁱ TO END OF 1951								
	COMPLETED TO END 1951		1951	OIL ³	ARTIFICIAL LIFT	GAS			INITIAL AVG./END 1951	SECONDARY RECOVERY ^j	GRAVITY ² A.P.I.	SULPHUR PER CENT	POROSITY PER CENT	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT. ^l NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.		
	COMPLETED	ABANDONED	FLOWING																	
820	34	2	1	0	32	0			x	x		38.0	P	2,905	15	A	Mis L	3,182		
821	16	0	1	0	14	0			x	x		38.0	P	3,035	7	AL				
822	15	2	0	0	7	0			x	x			S			AC				
823	3	0	0	0	11	0			x	x			L							
824	11	2	0	0	3	0			x	x			S			A	Mis L	2,584		
825	1	1	0	0	1	0			x	x			L			AL				
826	10	1	0	0	2	0			x	x			P			AC				
827	9	9	0	0	7	0			x	x			P			x	Mis L	2,553		
828	6	6	0	0	5	0			x	x			S			x				
829	0	0	0	0	0	0			x	x			S			x				
830	2	2	0	0	2	0			x	x			L			x				
831	1	1	0	0	0	0			x	x			P							
832	3	0	1	0	2	0			x	x			P				MC	3,472		
833	1	0	0	0	0	0			x	x			P				MC	3,391		
834	420	1	11	0	375	0											St.-Peter	4,915		
835	94	0	0	0	82	0			x	x			S							
836	13	1	0	0	6	0			x	x			S							
837	210	0	8	0	193	0			x	x			S							
838	1	0	0	0	1	0			x	x			L							
839	102	0	3	0	93	0			x	x			P							
840	1	1	0	0	1	0			x	x			P				Mis L	3,032		
841	52	6	3	0	44	0			x	x			P				Mis L	3,260		
842	1	0	0	0	0	0			x	x			S				AL			
843	5	0	0	0	5	0			x	x			S				AL			
844	2	0	0	0	2	0			x	x			S				AL			
845	19	0	0	0	19	0			x	x			S				AL			
846	4	1	0	0	4	0			x	x			S				AL			
847	1	1	0	0	6	0			x	x			L				AC			
848	5	3	0	0	4	0			x	x			P				AC			
849	9	0	3	0	2	0			x	x			P				AC			
850	6	1	0	0	2	0			x	x			L							
851	124	6	2	0	102	0											Mis L	3,091		
852	6	0	0	0	4	0			x	x			S				AL			
853	6	1	0	0	3	0			x	x			S				AL			
854	37	1	0	0	30	0			x	x			S				AL			
855	2	0	0	0	1	0			x	x			S				AL			
856	36	3	0	0	29	0			x	x			S				AL			
857	20	1	0	0	18	0			x	x			S				AL			
858	0	0	0	0	0	0			x	x			S				AL			
859	8	0	0	0	7	0			x	x			S				AL			
860	0	0	0	0	0	0			x	x			L				AC			
861	1	0	0	0	2	0			x	x			L				AC			
862	8	0	2	0	8	0			x	x			L							
863	3	1	1	0	1	0			x	x							M	3,152		
864	0	0	0	0	0	0			x	x			S				ML			
865	1	1	0	0	0	1			x	x			S				ML			
866	1	0	0	0	0	0			x	x			L				MC			
867	1	0	1	0	0	0			x	x										
868	7	0	0	0	3	0			x	x			S				Dev	5,377		
869	1	0	0	0	0	0			x	x			L				Mis L	3,463		
870	1	0	0	0	1	0			x	x			L				Mis L	3,410		
871	14	0	0	0	12	0			x	x			P				Dev	3,950		
872	5	0	0	0	4	0			x	x			S				A			
873	5	0	0	0	3	0			x	x			S				A			
874	1	0	0	0	1	0			x	x			L				A			
875	3	0	0	0	4	0			x	x			P							
876	183	0	3	0	143	0			x	x			L				Mis L	4,311		
877	144	0	2	0	110	0			x	x			S				A			
878	2	0	0	0	2	0			x	x			OL				AC			
879	5	0	0	0	4	0			x	x			LS				AC			
880	25	0	1	0	21	0			x	x			OL				AC			
881	7	0	0	0	6	0			x	x										
882	1	0	0	0	0	0			x	x			L				MC			
883	7	5	0	0	7	0			x	x			P				H			
884	0	0	0	0	1	0			x	x			P				Mis L			
885	1	1	0	0	1	0			x	x			L				HC			
886	5	3	0	0	4	0			x	x			P				HC			
887	1	1	0	0	1	0			x	x			L				HC			
888	4	0	0	0	2	0			x	x			P				MU	2,000		
889	408	1	9	0	294	0			x	x			W				A	4,237		

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION NAME AND AGE ^b	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c			
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951		
890		Bridgeport; Pen		100	x	x	0	0	0		
891		Biehl; Pen		600	x	x	0	0	0		
892		Jordan; Pen		40	x	x	0	0	0		
893		Palestine; Mis U		30	x	x	0	0	0		
894		Waltersburg; Mis U ³¹		10	x	x	0	0	0		
895		Tar Springs; Mis U		220	x	x	0	0	0		
896		Jackson; Mis U ³²		10	x	x	0	0	0		
897		Cypress; Mis U		3,300	x	x	0	0	0		
898		Bethel; Mis U		80	x	x	0	0	0		
899		Lower Ohara; Mis L			x	x	0	0	0		
900		Rosiclare; Mis L		1,400	x	x	0	0	0		
901		McClosky; Mis L ⁴			x	x	0	0	0		
902											
903	Mt. Erie North, Wayne		1944	120	211,000	50,000	0	0	0		
904		Aux Vases; Mis U		20	x	x	0	0	0		
905		Lower Ohara; Mis L		20	x	x	0	0	0		
906		McClosky; Mis L		80	x	x	0	0	0		
907	Mt. Olive, Montgomery	Pottsville; Pen	1942	80	x	x	0	0	0		
908	Mt. Vernon, Jefferson		1943	190	241,000	19,000	0	0	0		
909		Aux Vases; Mis U		30	x	2,000	0	0	0		
910		Lower Ohara; Mis L ³²		20	x	0	0	0	0		
911		McClosky; Mis L ⁴		160	x	17,000	0	0	0		
912											
913	Nason, Jefferson	Rosiclare; Mis L	1943	20	14,000	1,000	0	0	0		
914	New Bellair, Crawford ⁷⁹	Pennsylvanian; Pen	1942	20	10,000	0	0	0	0		
915	New Harmony Consolidated, White ^{78,80}		1939	21,000	66,673,000	3,533,000	0	0	0		
916	Wabash - Edwards	Jamestown; Pen			x	x	0	0	0		
917		Mansfield; Pen ³²			x	x	0	0	0		
918		Bridgeport; Pen		800	x	x	0	0	0		
919		Biehl; Pen			x	x	0	0	0		
920		Jordan; Pen ³¹			x	x	0	0	0		
921		Degonia; Mis U			x	x	0	0	0		
922		Clore; Mis U		150	x	x	0	0	0		
923		Palestine; Mis U		220	x	x	0	0	0		
924		Waltersburg; Mis U		680	x	x	0	0	0		
925		Tar Springs; Mis U		800	x	x	0	0	0		
926		Cypress; Mis U		7,100	x	x	0	0	0		
927		Paint Creek; Mis U			x	x	0	0	0		
928		Bethel; Mis U		7,400	x	x	0	0	0		
929		Aux Vases; Mis U		5,200	x	x	0	0	0		
930		Lower Ohara; Mis L			x	x	0	0	0		
931		Rosiclare; Mis L		5,000	x	x	0	0	0		
932		McClosky; Mis L ⁴			x	x	0	0	0		
933											
934	New Harmony South, White		1941	90	67,000	3,000	0	0	0		
935		Waltersburg; Mis U		10	x	3,000	0	0	0		
936		Tar Springs; Mis U		10	x	0	0	0	0		
937		Cypress; Mis U		10	0	0	0	0	0		
938		Bethel; Mis U		10	x	0	0	0	0		
939		Aux Vases; Mis U		10	2,000	0	0	0	0		
940		McClosky; Mis L ⁴		40	x	0	0	0	0		
941											
942	New Harmony South (Indiana), White ⁷⁸		1946	60	338,000	32,000	0	0	0		
943		Degonia; Mis U ³¹		20	x	x	0	0	0		
944		Palestine; Mis U		30	x	x	0	0	0		
945		Waltersburg; Mis U ⁴		30	x	x	0	0	0		
946											
947	New Haven Consolidated, White ⁷⁸		1941	380	735,000	35,000	0	0	0		
948		Tar Springs; Mis U		130	x	x	0	0	0		
949		Hardinsburg; Mis U		10	x	x	0	0	0		
950		Cypress; Mis U		200	x	x	0	0	0		
951		Aux Vases; Mis U		70	x	x	0	0	0		
952		McClosky; Mis L ⁴		100	x	x	0	0	0		
953											
954	Newton, Jasper	Ste. Genevieve; Mis L	1944	80	66,000	2,000	0	0	0		
955	Newton North, Jasper ⁸¹	McClosky; Mis L	1945	20	7,000	0	0	0	0		
956	Newton West, Jasper ⁸²	McClosky; Mis L	1947	20	300	0	0	0	0		
957	Noble West, Clay	Rosiclare; Mis L	1951	20	1,000	1,000	0	0	0		

TABLE I - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING DEC. 1951			RESERVOIR PRESSURE psi	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED TO END OF 1951		NAME		
	COMPLETED TO END 1951		1951	OIL ³		ARTIFICIAL LIFT			SECONDARY RECOVERY ^g	GRAVITY 2 A.P.I.	SULPHUR PER CENT	CHARACTER ⁱ	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT. ^l NET	STRUCTURE ^m	
	COMPLETED	ABANDONED		FLOWING	GAS											
890	4	0	0	0	0	3	0	x x		34.0	x	S P	1,370	20	AL	
891	45	0	1	0	33	0	x x			36.6	0.28	S P	1,470	20	AL	
892	2	0	0	0	0	1	0	x x		x x		S P	1,520	15	AL	
893	3	0	0	0	0	2	0	x x		x x		S P	1,580	10	AL	
894	0	0	0	0	0	0	0	x x		x x		S P	1,690	10	AL	
895	10	0	0	0	0	7	0	x x		x x		S P	1,790	13	AL	
896	0	0	0	0	0	0	0	x x		x x		S P	2,020	25	AL	
897	245	1	5	0	172	0	550	x		36.1	0.17	S P	2,025	15	AL	
898	3	0	0	0	0	2	0	x x		x x		S P	2,110	16	AL	
899	7	0	0	0	0	7	0	x x		x x		OL P	2,320	5	AC	
900	5	0	0	0	0	2	0	x x		x x		S P	2,350	5	AC	
901	43	0	2	0	25	0		x x		x x		OL P	2,360	6	AC	
902	41	0	1	0	40	0		x x		x x						
903	7	0	0	0	0	3	0			x x		S L	3,110	8	M	Mis L
904	2	0	0	0	1	0		x x		x x		P P	3,170	6	ML	
905	1	0	0	0	0	1	0	x x		x x		P P	3,240	5	MC	
906	4	0	0	0	0	1	0	x x		x x			605	6	MC	
907	7	0	0	0	0	0	0	x x		x x		S P		6	A	Pen
908	7	0	0	0	0	3	0			x x		P P	2,665	8	AL	Mis L
909	3	0	0	0	0	1	0	x x		x x		P P	2,750	6	AC	
910	0	0	0	0	0	0	0	x x		x x		P P	2,800	7	AC	
911	3	0	0	0	0	2	0			x x						
912	1	0	0	0	0	0	0	x x		x x						
913	1	0	0	0	0	1	0	x x		x x						
914	2	0	0	0	0	0	0	x x		x x						
915	1,798	65	31	0	1,415	0										
916	2	0	0	0	1	0		x x		x x		G	31.9	13	AL	
917	0	0	0	0	0	0		x x		x x		S S	x		AL	
918	2	0	0	0	1	0		x x		x x		S S	1,340	7	AL	
919	65	8	1	0	46	0		x x		x x		S S	1,850	20	AL	
920	0	0	0	0	0	0		x x		x x		S S	1,760	x	AL	
921	4	0	0	0	2	0		x x		x x		S S	1,925	10	AL	
922	3	0	0	0	1	0		x x		x x		S S	1,980	10	AL	
923	16	0	0	0	9	0		x x		x x		S S	2,000	10	AL	
924	30	2	0	0	27	0		x x		x x		G, W	34.0	20	AL	
925	58	3	5	0	45	0		x x		x x		G, W	34.5	16	AL	
926	470	11	8	0	264	0		x x		x x		G, W	34.8	20	AL	
927	18	0	0	0	12	0		x x		x x		G, W	34.0	20	AL	
928	416	21	5	0	378	0	550	x		x x		G, W	34.0	27	AL	
929	251	15	5	0	197	0		x x		x x		G, W	34.2	15	AL	
930	21	0	0	0	12	0		x x		x x		OL P	2,825	15	AL	
931	13	0	0	0	8	0		x x		x x		OL P	2,900	6	AC	
932	152	3	3	0	61	0		x x		x x		LS P	2,910	10	AC	
933	277	2	4	0	351	0		x x		x x		W	35.0	8	AC	
934	7	1	0	0	1	0		x x		x x					MF	Mis L
935	1	0	0	0	1	0		x x		x x			2,250	18	MF	
936	1	0	0	0	0	0		x x		x x			2,350	16	MF	
937	1	1	0	0	0	0		x x		x x			2,670	8	MF	
938	1	0	0	0	0	0		x x		x x			2,815	10	MF	
939	1	0	0	0	0	0		x x		x x			3,005	7	MF	
940	1	0	0	0	0	0		x x		x x			3,010	5	MF	
941	1	0	0	0	0	0		x x		x x					MF	Mis L
942	6	0	0	0	6	0		x x		x x					MF	
943	0	0	0	0	0	0		x x		x x					MF	Mis L
944	1	0	0	0	1	0		x x		x x					MF	
945	3	0	0	0	3	0		x x		x x					MF	
946	2	0	0	0	2	0		x x		x x					MF	
947	29	2	0	0	27	0									A	Mis L
948	8	2	0	0	10	0		x x		x x			1,850	8	MF	
949	1	0	0	0	1	0		x x		x x			1,955	10	MF	
950	10	0	0	0	9	0		x x		x x			2,120	30	MF	
951	4	0	0	0	1	0		x x		x x					Af	
952	1	0	0	0	4	0		x x		x x					Af	
953	5	0	0	0	2	0		x x		x x					Af	
954	4	0	0	0	2	0		x x		x x					MC	Mis L
955	1	0	0	0	0	0		x x		x x					MC	Mis L
956	1	0	0	0	0	0		x x		x x					MC	Mis L
957	1	1	0	0	1	0		x x		x x					MC	Mis L

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	NAME AND AGE ^b	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl	
					AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c	
						TO END OF 1951	DURING 1951		TO END OF 1951	
958	Odin, Marion	Cypress; Mis U	1945	290	764,000	308,000	0	0	0	
959	Okawville, Washington	Silurian; Sil	1951	60	9,000	9,000	0	0	0	
960	Olney Consolidated Richland		1938	2,200	3,190,000	103,000	0	0	0	
961		Lower Ohara; Mis L	1938	120	x	x	0	0	0	
962		McClosky; Mis L		2,100	x	x	0	0	0	
963	Olney South, Richland ⁸³	Ste. Genevieve; Mis L	1938	180	84,000	41,000	0	0	0	
964	Omaha, Gallatin	Pennsylvanian; Pen	1940	730	1,959,000	159,000	120	0	0	
965		Biehl; Pen			21,000	7,000	0	0	0	
966		Palestine; Mis U		260	x	x	0	0	0	
967		Tar Springs; Mis U		400	x	x	0	0	0	
968				70	x	x	120	0	0	
969				4						
970	Omaha East, Gallatin	Lower Ohara; Mis L	1946	20	8,000	1,000	0	0	0	
971	Omaha South, Gallatin	Rosiclare; Mis L	1951	20	1,000	1,000	0	0	0	
972	Omaha West, Saline		1950	20	22,000	19,000	0	0	0	
973		Cypress; Mis U		20	x	x	0	0	0	
974		Aux Vases; Mis U ³¹		10	x	x	0	0	0	
975				4						
976	Omega, Marion ⁸⁴	McClosky; Mis L	1946	40	5,000	0	0	0	0	
977	Orchardville, Wayne		1950	40	16,000	12,000	0	0	0	
978		Aux Vases; Mis U		20	2,000	2,000	0	0	0	
979		McClosky; Mis L		20	14,000	10,000	0	0	0	
980	Oskaloosa, Clay	Bethel; Mis U	1950	360	382,000	190,000	0	0	0	
981	Oskaloosa East, Clay		1951	40	20,000	20,000	0	0	0	
982		Aux Vases; Mis U		20	x	x	0	0	0	
983		McClosky; Mis L		40	x	x	0	0	0	
984	Oskaloosa South, Clay	McClosky; Mis L	1951	20	0	0	0	0	0	
985	Pana, Christian	Bethel; Mis U	1951	30	4,000	4,000	0	0	0	
986	Panama, Bond - Montgomery		1940	40	4,000	1,000	280	x	2.0	
987		Pennsylvanian; Pen		0	0	0	160	x	0	
988		Golconda; Mis U		30	1,000	500	0	0	0	
989		Bethel; Mis U		10	3,000	500	120	x	2.0	
990	Parkersburg Consolidated, Richland - Edwards ⁸⁵		1941	5,800	7,318,000	588,000	0	0	0	
991		Cypress; Mis U		120	x	x	0	0	0	
992		Paint Creek; Mis U		30	x	x	0	0	0	
993		Bethel; Mis U		30	x	x	0	0	0	
994		Lower Ohara; Mis L		5,800	x	x	0	0	0	
995		Rosiclare; Mis L			x	x	0	0	0	
996		McClosky; Mis L		4	x	x	0	0	0	
997										
998	Parkersburg South, Edwards		1948	60	20,000	8,000	0	0	0	
999		Pennsylvanian; Pen		40	12,000	6,000	0	0	0	
1000		Bethel; Mis U		20	8,000	2,000	0	0	0	
1001	Parkersburg West, Richland - Edwards		1943	240	119,000	16,000	0	0	0	
1002		Lower Ohara; Mis L		40	x	0	0	0	0	
1003		McClosky; Mis L		200	x	16,000	0	0	0	
1004	Passport, Clay		1945	960	1,705,000	107,000	0	0	0	
1005		Rosiclare; Mis L		40	x	x	0	0	0	
1006		McClosky; Mis L		940	x	x	0	0	0	
1007				4						
1008	Passport South, Richland		1948	60	25,000	3,000	0	0	0	
1009		Cypress; Mis U		20	x	x	0	0	0	
1010		McClosky; Mis L		40	x	x	0	0	0	
1011	Patoka, Marion		1937	960	10,517,000	456,000	0	0	0	
1012		Cypress; Mis U		40	x	x	0	0	0	
1013		Bethel; Mis U		920	x	x	0	0	0	
1014		Rosiclare; Mis L		200	x	x	0	0	0	
1015		Devonian; Dev		20	220,000	43,000	0	0	0	
1016	Patoka East, Marion		1941	500	3,470,000	117,000	0	0	0	
1017		Cypress; Mis U		500	x	x	0	0	0	
1018		Bethel; Mis U		60	x	x	0	0	0	
1019	Patoka West, Fayette	Bethel; Mis U	1950	180	66,000	62,000	0	0	0	
1020	Phillipstown Consolidated, White - Edwards		1939	4,400	11,149,000	1,096,000	0	0	0	
1021		Pennsylvanian; Pen			x	x	0	0	0	
1022		Clark - Bridgeport; Pen			x	x	0	0	0	
1023		Pennsylvanian; Pen			x	x	0	0	0	
1024		Buchanan; Pen			x	x	0	0	0	
1025		Biehl; Pen			x	x	0	0	0	

TABLE I - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e		WELLS PRODUCING/ DEC. 1951		RESERVOIR ^f PRESSURE psi		CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁱ TO END OF 1951					
	COMPLETED TO END 1951		OIL ³		ARTIFICIAL LIFT			SECONDARY RECOVERY ^g	GRAVITY ² A.P.I.	SULPHUR PER CENT	POROSITY PER CENT ^j	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT. ^l /NET STRUCTURE ^m	NAME		
	COMPLETED	ABANDONED	FLOWING	GAS	INITIAL	AVG./END 1951										
958	29	0	0	0	28	0	x	w	x	s	p	1,750	13	AL	Dev	3,597
959	3	3	0	0	3	0	x	w	x	l	p	2,325	3	R	Sil	2,468
960	88	1	5	0	53	0	x	w	x	p	p	3,040	8	A	Mis L	3,289
961	8	0	0	0	5	0	x	w	0.19	l	p	3,085	6	A		
962	80	1	5	0	48	0	x	w	0.19	l	p	3,085	8	A		
963	9	0	0	0	6	0	x	w	x	l	p	3,085	4	MC	Mis L	3,297
964	46	4	0	0	39	0	x	w	x	s	p	3,085	10	D	Mis	2,941
965	13	2	0	0	11	0	x	w	x	s	p	3,085	20	D		
966	4	1	0	0	4	0	x	w	x	s	p	3,085	10	D		
967	24	1	0	0	18	0	700	w	x	p	p	3,085	15	D		
968	5	0	0	0	3	0	x	w	x	s	p	3,085	15	D		
969	0	0	0	0	3	0	x	w	x	s	p	3,085	15	D		
970	1	0	0	0	1	0	x	w	x	l	p	3,085	8	MCF	Mis L	3,000
971	1	1	0	0	1	0	x	w	x	l	p	3,085	1	x	Mis L	3,035
972	2	1	0	0	2	0	x	w	x	l	p	3,085	1	A	Mis L	2,996
973	1	1	0	0	1	0	x	w	x	s	p	3,085	14	AL		
974	0	0	0	0	0	0	x	w	x	s	p	3,085	30	AL		
975	1	0	0	0	1	0	x	w	x	l	p	3,085	10	D	Mis L	2,584
976	2	0	0	0	0	0	x	w	x	l	p	3,085	5	M	Mis L	3,000
977	3	2	0	0	3	0	x	w	x	s	p	3,085	4	x		
978	1	1	0	0	1	0	x	w	x	l	p	3,085	5	MC		
979	2	1	0	0	2	0	x	w	x	s	p	3,085	10	x		
980	36	0	0	0	36	0	x	w	x	s	p	3,085	15	A	Mis L	2,961
981	3	2	0	0	2	0	x	w	x	s	p	3,085	10	x	Mis L	3,009
982	2	1	0	0	0	0	x	w	x	s	p	3,085	5	x		
983	1	1	0	0	2	0	x	w	x	l	p	3,085	4	x		
984	1	1	0	0	1	0	x	w	x	l	p	3,085	5	x		
985	3	3	0	0	3	0	x	w	x	s	p	3,085	10	Dev		2,847
986	11	1	2	0	3	1	x	w	x	s	p	3,085	10	Dev		2,016
987	4	0	1	0	0	0	x	w	x	s	p	575	30	A		
988	3	1	1	0	2	0	x	w	x	l	p	705	12	A		
989	4	0	0	0	1	1	x	w	x	s	p	865	12	A	Mis L	
990	195	25	5	0	168	0	x	w	x	s	p	2,830	12	A		3,333
991	5	0	0	0	5	0	x	w	x	s	p	2,955	17	A		
992	0	0	0	0	3	0	x	w	x	s	p	2,930	12	A		
993	1	0	0	0	3	0	x	w	x	s	p	3,070	10	A		
994	1	0	0	0	0	0	x	w	x	s	p	3,070	10	A		
995	33	14	1	0	32	0	x	w	x	l	p	3,110	10	A		
996	147	10	4	0	115	0	x	w	x	OL	p	3,135	10	A		
997	8	1	0	0	10	0	x	w	x					x	Mis L	3,187
998	6	0	1	0	4	0	x	w	x							
999	4	0	0	0	3	0	x	w	x					x		
1000	2	0	1	0	1	0	x	w	x					x		
1001	8	0	0	0	6	0	x	w	x					A	Mis L	3,331
1002	1	0	0	0	0	0	x	w	x					AC		
1003	7	0	0	0	6	0	x	w	x					AC		
1004	49	0	4	0	42	0	x	w	x					A	Mis L	3,625
1005	1	0	0	0	0	0	x	w	x					A		
1006	47	0	4	0	41	0	x	w	x					A		
1007	1	0	0	0	1	0	x	w	x					A		
1008	2	0	0	0	2	0	x	w	x					A		3,155
1009	1	0	0	0	0	0	x	w	x					A		
1010	1	0	0	0	2	0	x	w	x					A		
1011	170	0	2	0	98	0	x	w	x					D	Dev	3,142
1012	0	0	0	0	4	0	525	w	x	38.0	x			D		
1013	162	0	2	0	83	0	550	w	x	39.0	0.16	s	p	D		
1014	7	0	0	0	10	0	580	w	x	39.0	0.31	s	p	D		
1015	1	0	0	0	1	0	1,200	w	x	40.0	0.28	L	p	D		
1016	59	0	0	0	51	0	x	w	x	36.0	0.18	s	p	A	Mis L	1,740
1017	54	0	0	0	46	0	x	w	x	36.0	0.23	s	p	A		
1018	5	0	0	0	5	0	x	w	x	36.0	0.28	s	p	A		
1019	16	11	0	0	16	0	x	w	x	x	x	1,340	16	A	Mis L	1,735
1020	340	37	8	0	277	0	x	w	x	36.0	x	1,465	10	MF	Dev	5,350
1021	1	0	0	0	0	0	x	w	x	36.0	x	1,380	6	A		
1022	12	0	0	0	8	0	x	w	x	36.0	x	1,350	10	MF		
1023	9	0	0	0	5	0	x	w	x	36.0	x	1,450	10	MF		
1024	22	3	0	0	15	0	x	w	x	36.0	x	1,550	15	MF		
1025	40	5	0	0	30	0	500	w	x	36.2	0.22	s	p	MF		

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
				NAME AND AGE ^b	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c			
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951		
1026		Deagonia; Mis U		x	x	x	0	0	0		
1027		Clore; Mis U		480	x	x	0	0	0		
1028		Palestine; Mis U		50	x	x	0	0	0		
1029		Waltersburg; Mis U		50	x	x	0	0	0		
1030		Tar Springs; Mis U		800	x	x	0	0	0		
1031		Cypress; Mis U		350	x	x	0	0	0		
1032		Paint Creek; Mis U			x	x	0	0	0		
1033		Bethel; Mis U			x	x	0	0	0		
1034		Aux Vases; Mis U		500	x	x	0	0	0		
1035		Lower Ohara; Mis L			x	x	0	0	0		
1036		Rosiclare; Mis L			x	x	0	0	0		
1037		McClosky; Mis L			x	x	0	0	0		
1038		4									
1039	Phillipstown South, <i>White</i>	Aux Vases; Mis U	1951	10	x	x	0	0	0		
1040	Pinkstaff, <i>Lawrence</i> ⁸⁶	McClosky; Mis L	1951	20	0	0	0	0	0		
1041	Plainview, <i>Macoupin</i>	Pennsylvanian; Pen	1942	10	2,000	x	0	0	0		
1042	Posey, <i>Clinton</i>	Cypress; Mis U	1941	20	7,000	1,000	0	0	0		
1043	Raccoon Lake, <i>Marion</i>		1949	320	713,000	223,000	0	0	0		
1044		Cypress; Mis U		190	x	x	0	0	0		
1045		Lower Ohara; Mis L ³¹			x	x	0	0	0		
1046		Rosiclare; Mis L		160	x	x	0	0	0		
1047		McClosky; Mis L			x	x	0	0	0		
1048		Devonian; Dev		20	4,000	4,000	0	0	0		
1049		4									
1050	Raymond, <i>Montgomery</i>	Pottsville; Pen	1940	100	14,000	1,000	0	0	0		
1051	Raymond East, <i>Montgomery</i>	Pennsylvanian; Pen	1951	10	0	0	0	0	0		
1052	Reservoir, <i>Jefferson</i>	McClosky; Mis L	1950	80	31,000	29,000	0	0	0		
1053	Richview, <i>Washington</i>	Cypress; Mis U	1946	10	5,000	1,000	0	0	0		
1054	Ridgway, <i>Gallatin</i> ⁸⁷	McClosky; Mis L	1946	20	100	0	0	0	0		
1055	Riffle, <i>Clay</i>	Rosiclare; Mis L	1948	100	55,000	6,000	0	0	0		
1056	Rinard, <i>Wayne</i> ⁸⁸	McClosky; Mis L	1937	20	7,000	0	0	0	0		
1057	Ritter, <i>Richland</i>	Ste. Genevieve; Mis L	1950	60	75,000	17,000	0	0	0		
1058	Ritter North, <i>Richland</i>	McClosky; Mis L	1951	20	1,000	1,000	0	0	0		
1059	Roaches, <i>Jefferson</i>		1938	200	550,000	7,000	0	0	0		
1060		Bethel; Mis U		30	x	x	0	0	0		
1061		Lower Ohara; Mis L		60	x	x	0	0	0		
1062		Rosiclare; Mis L		160	x	x	0	0	0		
1063		McClosky; Mis L		120	x	x	0	0	0		
1064		4									
1065	Roaches North, <i>Jefferson</i>		1944	350	1,151,000	49,000	0	0	0		
1066		Bethel; Mis U		350	x	x	0	0	0		
1067		Rosiclare; Mis L		60	x	x	0	0	0		
1068		4									
1069	Roby, <i>Sangamon</i> ⁸⁹	Silurian; Sil	1949	20	200	0	0	0	0		
1070	Rochester, <i>Wabash</i> ⁷⁸		1948	250	377,000	84,000	0	0	0		
1071		Pennsylvanian; Pen		120	x	x	0	0	0		
1072		Waltersburg; Mis U		160	x	x	0	0	0		
1073		4									
1074	Roland, <i>White - Gallatin</i>		1940	3,300	10,686,000	592,000	160	0	0		
1075		Pennsylvanian; Pen ³¹		10	x	x	0	0	0		
1076		Waltersburg; Mis U		2,000	x	x	160	0	0		
1077		Tar Springs; Mis U		40	x	x	0	0	0		
1078		Hardinsburg; Mis U ³¹		30	x	x	0	0	0		
1079		Cypress; Mis U		500	x	x	0	0	0		
1080		Paint Creek; Mis U ³¹		40	x	x	0	0	0		
1081		Bethel; Mis U		600	x	x	0	0	0		
1082		Aux Vases; Mis U		600	x	x	0	0	0		
1083		Lower Ohara; Mis L		100	x	x	0	0	0		
1084		Rosiclare; Mis L		100	x	x	0	0	0		
1085		McClosky; Mis L		160	x	x	0	0	0		
1086		St. Louis; Mis L ³¹		20	x	x	0	0	0		
1087		4									
1088	Roland West, <i>Saline</i>	Aux Vases; Mis U	1950	10	16,000	10,000	0	0	0		
1089	Ruark, <i>Lawrence</i>		1941	230	1,234,000	467,000	0	0	0		
1090		Pennsylvanian; Pen		220	x	x	0	0	0		
1091		Bethel; Mis U		10	x	x	0	0	0		
1092	Rural Hill North, <i>Hamilton</i> ⁹⁰	Rosiclare; Mis L	1949	20	1,000	0	0	0	0		
1093	Rural Hill West, <i>Hamilton</i>	Aux Vases; Mis U	1945	10	18,000	3,000	0	0	0		
1094	Russellville (Gas), <i>Lawrence</i> ⁹¹		1937	40	8,000	1,000	1,800	7,081.6	0		

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e		WELLS PRODUCING DEC. 1951			RESERVOIR ¹ PRESSURE ² PSI		CHARACTER OF OIL ⁴	PRODUCING FORMATION			DEEPEST ZONE TESTED ^d TO END OF 1951			NAME	DEPTH OF HOLE, FT.		
	COMPLETED TO END 1951	COMPLETED 1951	ABANDONED	FLOWING	ARTIFICIAL LIFT				SECONDARY RECOVERY ^b	GRAVITY ² A.P.I.	SULPHUR PER CENT	CHARACTER ⁱ	POROSITY PER CENT	DEPTH TO TOP OF PRODUCING ZONE FT ^c	PROD. THICKNESS AVG. FT. NET	STRUCTURE ^m		
1026	26	1	0	0	0	17	0	x	x	35.0	x	S	P	1,975	15	MF		
1027	4	0	0	0	0	4	0	x	x	34.4	x	S	P	2,010	12	MF		
1028	0	0	0	0	0	4	0	x	x	x	x	S	P	2,050	11	MF		
1029	4	0	0	0	0	4	0	x	x	x	x	S	P	2,280	11	MF		
1030	56	0	1	0	41	0	x	x		35.0	x	S	P	2,295	15	MF		
1031	17	9	0	0	20	0	x	x		36.0	x	S	P	2,720	12	MF		
1032	3	0	0	0	5	0	x	x		x	x	S	P	2,780	9	MF		
1033	28	3	0	0	23	0	x	x		37.0	x	S	P	2,810	15	MF		
1034	22	1	0	0	18	0	x	x		37.0	x	S	P	2,880	15	MF		
1035	7	3	0	0	4	0	x	x		x	x	L	P	3,010	10	MC		
1036	7	2	0	0	3	0	x	x		38.0	x	LS	P	2,960	10	MC		
1037	40	7	5	0	35	0	1,200	x		36.0	0.21	L	P	3,000	6	MC		
1038	42	3	2	0	41	0				x	x	S	P					
1039	1	1	0	0	1	0	x	x		x	x	L	P	2,980	10	x	Mis L	3,161
1040	1	1	1	0	0	0	x	x		x	x	S	P	1,735	4	x	Mis L	1,797
1041	1	0	0	0	1	0	x	x		x	x	S	P	410	5	x	Pen	421
1042	'2	0	0	0	1	0	x	x		35.7	0.18	S	P	1,105	5	M	Sil	2,729
1043	33	1	0	0	33	0				x	x	S	P	1,625	10	D	Dev	3,385
1044	18	0	0	0	18	0	x	x		x	x	L	P	1,885	5	DC		
1045	0	0	0	0	0	0	x	x		x	x	S	P	1,930	12	DC		
1046	2	0	0	0	1	0	x	x		x	x	S	P	1,950	10	DC		
1047	4	0	0	0	2	0	x	x		x	x	L	P	3,260	x	D		
1048	1	1	0	0	1	0	x	x		x	x	L	P					
1049	8	0	0	0	11	0				34.8	0.22	S	P	590	10	ML	Dev	1,891
1050	10	0	3	0	3	0	x	x		x	x	S	P	600	10	x	Pen	612
1051	1	1	0	0	1	0	x	x		x	x	S	P					
1052	4	3	0	0	3	0	x	x		x	x	L	P	2,600	4	MC	Mis L	2,700
1053	1	0	0	0	1	0	x	x		x	x	S	P	1,520	7	AL	Mis L	1,932
1054	1	0	0	0	0	0	x	x		x	x	L	P	2,840	6	MC	Mis L	2,938
1055	5	0	1	0	4	0	x	x		x	x	L	P	2,735	7	MC	Mis L	2,848
1056	1	0	0	0	0	0	x	x		38.5	x	L	P	3,145	5	AC	Mis L	3,280
1057	3	0	0	0	2	0	x	x		x	x	L	P	3,210	12	MC	Mis L	3,925
1058	1	1	0	0	1	0	x	x		x	x	L	P	3,200	5	x	Mis L	3,288
1059	13	0	0	0	7	0				x	x	A						
1060	0	0	0	0	3	0	x	x		x	x	S	P	2,000	x	AL		
1061	2	0	0	0	0	0	x	x		37.2	0.22	L	P	2,170	5	AC		
1062	5	0	0	0	1	0	x	x		37.2	0.22	L	P	2,190	12	AC		
1063	6	0	0	0	0	0	x	x		37.2	0.22	L	P	2,250	4	AC		
1064	0	0	0	0	3	0				x	x	S	P					
1065	34	0	1	0	33	0				x	x	L	P					
1066	32	0	1	0	31	0	x	x		x	x	S	P	1,925	7	A	Mis L	2,283
1067	1	0	0	0	0	0	x	x		x	x	L	P	2,115	8	AC		
1068	1	0	0	0	2	0	x	x		x	x	S	P					
1069	1	0	1	0	0	0	x	x		x	x	L	P	1,775	5	x	Sil	1,780
1070	34	0	0	0	26	0	x	x		x	x	L	P	1,775	5	M	Mis L	2,810
1071	11	0	0	0	11	0	x	x		x	x	S	P	1,300	16	MCf		
1072	21	0	0	0	13	0	x	x		x	x	S	P	1,940	26	ML		
1073	2	0	0	0	2	0	x	x		x	x	OL	P					
1074	230	8	3	1	197	0				36.0	x	S	P			A	Dev	5,225
1075	0	0	0	0	0	0	x	x		38.2	0.25	S	P	2,150	19	AL		
1076	112	0	2	0	86	0	1,200	x		x	x	S	P	2,240	10	AL		
1077	3	0	0	0	2	0	x	x		x	x	S	P					
1078	0	0	0	0	0	0	x	x		x	x	S	P					
1079	25	2	1	0	22	0	x	x		32.0	0.12	S	P	2,560	15	AL		
1080	0	0	0	0	0	0	x	x		x	x	S	P	2,750	12	AL		
1081	22	0	0	0	18	0	x	x		32.0	0.20	S	P	2,760	15	AL		
1082	19	1	0	0	13	0	x	x		32.0	0.12	S	P	2,880	12	AL		
1083	1	0	0	0	0	0	x	x		x	x	OL	P	3,000	8	AC		
1084	1	0	0	0	0	0	x	x		38.4	x	L	P	3,020	4	AC		
1085	3	0	0	0	2	0	x	x		38.0	x	L	P	3,050	4	AC		
1086	0	0	0	0	0	0	x	x		x	x	L	P	x	x	AC		
1087	44	5	0	1	54	0				x	x	S	P	2,935	15	ML	Mis L	3,161
1088	1	0	0	0	1	0	x	x		x	x	S	P			A	Mis L	2,442
1089	23	1	2	0	16	0	x	x		33.0	x	S	P	1,600	10	AL		
1090	22	1	2	0	16	0	x	x		x	x	S	P	2,065	11	AL		
1091	1	0	0	0	0	0	x	x		x	x	L	P	3,325	8	MC	Mis L	3,468
1092	1	0	0	0	0	0	x	x		x	x	S	P	3,230	16	ML	Mis L	3,483
1093	1	0	0	0	1	0	x	x		x	x	S	P			A	Dev	3,133

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c			
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951		
1095		Bridgeport; Pen		0	0	0	x	x	0		
1096		Buchanan; Pen		0	0	0	x	x	0		
1097		McClosky; Mis L		40	8,000	1,000	0	0	0		
1098	St. Francisville East, <i>Lawrence</i>		1941	200	217,000	19,000	0	0	0		
1099		Hardinsburg; Mis U		30	x	x	0	0	0		
1100		Cypress; Mis U		10	x	x	0	0	0		
1101		Bethel; Mis U		200	x	x	0	0	0		
1102	St. Jacob, <i>Madison</i>	Trenton; Ord	1942	1,120	2,425,000	103,000	0	0	0		
1103	St. James, <i>Fayette</i>		1938	1,860	11,750,000	427,000	0	0	0		
1104		Golconda; Mis U ³²		10	x	x	0	0	0		
1105		Cypress; Mis U		1,860	x	x	0	0	0		
1106		4									
1107	St. Paul, <i>Fayette</i>	Bethel; Mis U	1941	240	473,000	23,000	0	0	0		
1108	Ste. Marie, <i>Jasper</i>	McClosky; Mis L	1941	720	711,000	27,000	0	0	0		
1109	Ste. Marie East, <i>Jasper</i> ⁹²	Ste. Genevieve; Mis L	1949	80	1,000	0	0	0	0		
1110	Ste. Marie West, <i>Jasper</i>		1949	80	29,000	10,000	0	0	0		
1111		Aux Vases; Mis U ³²		10	x	0	0	0	0		
1112		McClosky; Mis L		80	x	10,000	0	0	0		
1113	Sailor Springs Central, <i>Clay</i>	Rosiclare; Mis L	1948	20	1,000	500	0	0	0		
1114	Sailor Springs Consolidated, <i>Clay - Effingham</i>		1941	9,960	19,150,000	1,435,000	0	0	0		
1115		Tar Springs; Mis U		700	x	x	0	0	0		
1116		Glen Dean; Mis U		10	x	x	0	0	0		
1117		Cypress; Mis U		7,000	x	x	0	0	0		
1118		Bethel; Mis U		140	x	x	0	0	0		
1119		Aux Vases; Mis U		200	x	x	0	0	0		
1120		Lower Ohara; Mis L			x	x	0	0	0		
1121		Rosiclare; Mis L		4,000	x	x	0	0	0		
1122		McClosky; Mis L			x	x	0	0	0		
1123		4									
1124	Sailor Springs East, <i>Clay</i>	Cypress; Mis U	1944	90	62,000	2,000	0	0	0		
1125	Sailor Springs North, <i>Clay</i> ⁹³		1948	40	1,000	500	0	0	0		
1126		Rosiclare; Mis L		20	500	0	0	0	0		
1127		McClosky; Mis L		20	500	500	0	0	0		
1128	Salem, <i>Marion</i>		1938	9,600	219,314,000	3,375,000	0	0	0		
1129		Bethel; Mis U			x	x	0	0	0		
1130		Renault; Mis U ³¹			x	x	0	0	0		
1131		Aux Vases; Mis U			x	x	0	0	0		
1132		Rosiclare; Mis L		9,600	x	x	0	0	0		
1133		McClosky; Mis L			x	x	0	0	0		
1134		St. Louis; Mis L			x	x	0	0	0		
1135		Salem; Mis L			x	x	0	0	0		
1136		Devonian; Dev		5,680	35,764,000	212,000	0	0	0		
1137		Trenton; Ord		2,160	3,712,000	67,000	0	0	0		
1138		4									
1139	Samsville, <i>Edwards</i> ⁹⁴	Waltersburg; Mis U	1942	30	x	x	0	0	0		
1140	Samsville North, <i>Edwards</i>	Paint Creek-Bethel; Mis U	1945	160	164,000	11,000	0	0	0		
1141	Samsville West, <i>Edwards</i>	Lower Ohara; Mis L	1951	40	5,000	5,000	0	0	0		
1142	Sandoval West, <i>Clinton</i>	Cypress; Mis U	1946	10	19,000	2,000	0	0	0		
1143	Santa Fe, <i>Clinton</i> ⁹⁵	Cypress; Mis U	1944	10	2,000	0	0	0	0		
1144	Schnell, <i>Richland</i>	McClosky; Mis L	1938	80	221,000	4,000	0	0	0		
1145	Schnell, <i>South, Clay</i>	Rosiclare; Mis L	1951	40	4,000	4,000	0	0	0		
1146	Seminary, <i>Richland</i>	McClosky; Mis L	1945	160	161,000	9,000	0	0	0		
1147	Sesser, <i>Franklin</i>		1942	340	605,000	102,000	0	0	0		
1148		Renault; Mis U			x	x	0	0	0		
1149		Aux Vases; Mis U		300	x	x	0	0	0		
1150		Rosiclare; Mis L ³²		20	x	x	0	0	0		
1151		McClosky; Mis L		80	x	x	0	0	0		
1152		Devonian; Dev		20	x	x	0	0	0		
1153		4									
1154	Shattuc, <i>Clinton</i>		1945	320	325,000	62,000	0	0	0		
1155		Cypress; Mis U		160	x	x	0	0	0		
1156		Bethel; Mis U		10	x	x	0	0	0		
1157		Trenton; Ord		220	200,000	31,000	0	0	0		
1158	Shawneetown, <i>Gallatin</i> ⁹⁶	Aux Vases; Mis U	1945	10	500	0	0	0	0		
1159	Shawneetown North, <i>Gallatin</i>	McClosky; Mis L	1948	20	6,000	1,000	0	0	0		
1160	Shelbyville, <i>Shelby</i>	Aux Vases; Mis U	1946	60	17,000	3,000	0	0	0		
1161	Sorento, <i>Bond</i>	Devonian; Dev	1938	140	34,000	0	0	0	0		
1162	Sparta South, <i>Randolph</i> ⁹⁷	Cypress; Mis U	1949	10	0	0	0	0	0		
1163	Stanford, <i>Clay</i>		1945	380	770,000	61,000	0	0	0		

TABLE I - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e		WELLS PRODUCING ^f DEC. 1951			RESERVOIR ¹ PRESSURE ^g psi	CHARACTER OF OIL ^h	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁿ TO END OF 1951							
	COMPLETED TO END 1951	COMPLETED	1951	FLOWING	OIL ³			Avg./END 1951	SECONDARY RECOVERY ⁶	GRAVITY ² A.P.I.	SULPHUR PER CENT	CHARACTER ⁱ	DEPTH TO TOP OF PRODUCING ZONE FT ^k	PROD. THICKNESS AVG. FT ^l /NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.	
1095	18	0	1	0	0	0	x	x				P	760	15	A			
1096	42	0	0	0	0	0	x	x				P	1,100	12	A			
1097	0	0	0	0	1	0	x	x				P	1,560	7	A			
1098	15	1	0	0	0	15	0	x		x	x	L			A	Mis L	1,960	
1099	3	1	0	0	0	0	x	x		x	x	S						
1100	1	0	0	0	0	0	x	x		x	x	P	1,460	6	A			
1101	11	0	0	0	0	15	0	x	x	37.0	0.21	S	1,605	15	A			
1102	53	0	1	0	44	0	x	x		40.0	0.23	L	1,750	20	A			
1103	191	0	2	0	147	0	x	x		x	x	S	2,260	17	A	Ord Dev	2,549	
1104	0	0	0	0	0	0	x	x		34.4	0.31	S	1,555	45	A		3,457	
1105	190	0	2	0	147	0	x	x				P	1,580	16	A			
1106	1	0	0	0	0	0	x	x										
1107	17	3	0	0	13	0	x	x	W	34.0	0.23	S	1,900	9	A	Dev	3,570	
1108	22	0	0	0	16	0	x	x		38.2	0.14	L	2,840	8	AC	Mis L	2,953	
1109	4	0	1	0	0	0	x	x		x	x	L	2,685	10	MC	Mis L	3,018	
1110	4	2	0	0	4	0	x	x				P			M	Mis L	2,968	
1111	0	0	0	0	0	0	x	x		38.0	x	S	2,720	25	ML			
1112	4	2	0	0	4	9	x	x		38.0	x	L	2,815	6	MC			
1113	1	0	0	0	1	0	x	x		x	x	P	3,015	4	MC	Mis L	3,109	
1114	611	11	11	0	531	0			C									
1115	46	0	1	0	37	0	x	x		37.0	0.17	S	2,340	12	A	Mis L	3,460	
1116	0	0	0	0	1	0	x	x		x	x	L	2,390	8	A			
1117	350	6	5	0	321	0	x	x	C	38.5	0.28	S	2,550	12	A			
1118	10	0	0	0	3	0	x	x		35.5	x	S	2,740	20	A			
1119	17	0	0	0	10	0	x	x		39.0	x	S	2,825	13	A			
1120	4	0	0	0	2	0	x	x		x	x	OL	2,900	6	A			
1121	30	4	0	0	25	0	x	x		38.0	x	LS	2,900	8	A			
1122	122	1	4	0	108	0	x	x		38.0	x	OL	2,925	8	A			
1123	32	0	1	0	24	0												
1124	9	0	3	0	0	0	x	x		x	x	S	2,695	8	D	Mis L	3,168	
1125	2	0	1	0	0	0	x	x		x	x	L	2,985	5	M	Mis L	3,126	
1126	1	0	0	0	0	0	x	x		x	x	P	3,030	2	MC			
1127	1	0	1	0	0	0	x	x		x	x	L			St. Peter		5,655	
1128	2,471	1	1	0	1,988	0			W									
1129	491	1	1	0	286	0	x	x	W	38.2	x	S	1,780	40	A			
1130	0	0	0	0	0	0	x	x	W	37.0	x	S	1,825	40	A			
1131	152	0	0	0	0	0	x	x	W	38.6	0.21	S	1,950	5	A			
1132	9	0	0	0	6	0	x	x	W	37.0	x	LS	1,990	17	A			
1133	562	0	0	0	298	0	x	x	W	37.0	x	L	2,100	x	A			
1134	0	0	0	0	4	0	x	x		37.0	x	L	2,160	17	A			
1135	8	0	0	0	3	0	x	x		37.0	x	L	3,440	40	A			
1136	541	0	0	0	216	0	x	x	W	42.1	0.28	L	4,500	50	A			
1137	2	0	0	0	47	0	x	x		x	x	L						
1138	706	0	0	0	1,128	0												
1139	3	1	0	0	1	0	x	x		x	x	S	2,420	7	A	Mis L	3,803	
1140	14	0	0	0	10	0	x	x		x	x	S	2,900	6	A	Mis L	3,220	
1141	2	2	0	0	2	0	x	x		x	x	L	3,275	8	x	Mis L	3,379	
1142	1	0	0	0	1	0	x	x		x	x	S	1,420	4	A	Mis U	1,560	
1143	1	0	0	0	0	0	x	x		x	x	S	955	10	A	Dev	2,512	
1144	4	0	0	0	2	0	x	x		37.0	0.19	OL	3,000	5	AC	Mis L	3,130	
1145	2	2	0	0	2	0	x	x		x	x	L	3,005	4	x	Mis L	3,077	
1146	8	0	0	0	6	0	x	x		x	x	L	3,195	8	MC	Mis L	3,333	
1147	24	2	0	0	17	0									A	Dev	4,688	
1148	10	0	0	0	8	0	x	x		39.2	0.17	L	2,690	10	AC			
1149	9	2	0	0	6	0	x	x		39.2	0.17	S	2,700	10	AL			
1150	0	0	0	0	0	0	x	x		x	x	L	2,835	16	A			
1151	1	0	0	0	0	0	x	x		x	x	L	2,860	5	A			
1152	1	0	0	0	0	0	x	x		x	x	L	4,360	x	A			
1153	3	0	0	0	3	0												
1154	27	0	0	0	24	0												
1155	12	0	0	0	10	0	x	x		x	x	S	1,280	7	AL		4,078	
1156	1	0	0	0	0	0	x	x		x	x	S	1,420	13	AL			
1157	14	0	0	0	14	0	x	x		40.0	x	L	4,020	13	A			
1158	1	0	0	0	0	0	x	x		x	x	S	2,650	10	MF	Mis L	2,837	
1159	1	0	0	0	1	0	x	x		x	x	L	3,045	6	MF	Mis L	3,091	
1160	5	0	0	0	1	0	x	x		x	x	S	1,860	15	A	Mis L	2,119	
1161	7	0	0	0	1	0	x	x		35.4	x	C	1,850	4	A	Dev	1,946	
1162	1	0	0	0	0	0	x	x		x	x	P	880	8	A	Mis U	900	
1163	18	1	1	0	15	0									M	Mis L	3,152	

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	NAME AND AGE ^b	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl
					AREA PROVED ACRES	BARRELS	AREA PROVED ACRES	MILLION CU FT ^c	
						TO END OF 1951	DURING 1951	TO END OF 1951	GAS/OIL RATIO ^d MCF/BBL
1164		Cypress; Mis U		20	10,000	0	0	0	
1165		Bethel; Mis U		10	x	x	0	0	
1166		Rosiclare; Mis L			x	x	0	0	
1167		McClosky; Mis L		340	x	x	0	0	
1168		4							
1169	Stanford South, Clay	Aux Vases; Mis U		1946	210	289,000	15,000	0	
1170		McClosky; Mis L			140	x	x	0	
1171		100			x	x	0	0	
1172	Stanford West, Clay	Rosiclare; Mis L ³²		1947	60	60,000	5,000	0	
1173		McClosky; Mis L			20	x	0	0	
1174		60			x	5,000	0	0	
1175		4							
1176	Stewardson, Shelby	Aux Vases; Mis U		1939	120	116,000	9,000	0	
1177	Stokes - Brownsville, White	Palestine; Mis U		1939	2,800	6,951,000	346,000	0	
1178		Tar Springs; Mis U			20	x	x	0	
1179		Hardinsburg; Mis U			100	x	x	0	
1180		Cypress; Mis U			1,100	x	x	0	
1181		Paint Creek; Mis U			220	x	x	0	
1182		Bethel; Mis U				x	x	0	
1183		Aux Vases; Mis U			500	x	x	0	
1184		Lower Ohara; Mis L			180	x	x	0	
1185		Rosiclare; Mis L				x	x	0	
1186		McClosky; Mis L			900	x	x	0	
1187		4				x	x	0	
1188									
1189	Storms, White	Waltersburg; Mis U		1939	2,200	6,621,000	409,000	460	x
1190		Tar Springs; Mis U			2,100	x	x	460	x
1191		Cypress; Mis U			70	x	x	0	20.5
1192		Bethel; Mis U			20	x	x	0	
1193		Aux Vases; Mis U ³¹			10	x	x	0	
1194		Ste. Genevieve; Mis L			10	x	x	0	
1195		4			60	x	x	0	
1196									
1197	Stringtown, Richland	Ste. Genevieve; Mis L		1941	800	1,123,000	60,000	0	
1198	Stringtown East, Richland ⁹⁸	McClosky; Mis L		1948	20	2,000	0	0	
1199	Summer, Lawrence	McClosky; Mis L		1944	40	15,000	1,000	0	
1200	Sumpter, White			1945	90	45,000	25,000	0	
1201		Tar Springs; Mis U			60	39,000	23,500	0	
1202		Hardinsburg; Mis U			10	500	500	0	
1203		Cypress; Mis U			20	5,500	1,000	0	
1204	Sumpter East, White	Lower Ohara; Mis L		1951	20	8,000	8,000	0	
1205	Sumpter South, White	Tar Springs; Mis U		1948	110	67,000	26,000	0	
1206	Tamaroa, Perry	Cypress; Mis U		1942	60	17,000	2,000	0	
1207	Taylor Hill, Franklin ⁹⁹	Lower Ohara; Mis L		1949	20	14,000	2,000	0	
1208	Thackeray, Hamilton			1944	560	2,181,000	90,000	0	
1209		Aux Vases; Mis U			560	x	x	0	
1210		McClosky; Mis L			160	x	x	0	
1211		4							
1212	Thompsonville, Franklin ¹⁰⁰	McClosky; Mis L		1940	240	285,000	0	0	
1213	Thompsonville East, Franklin	Aux Vases; Mis U		1949	60	148,000	32,000	0	
1214	Thompsonville North, Franklin			1944	530	1,373,000	86,000	0	
1215		Cypress; Mis U			10	4,000	0	0	
1216		Aux Vases; Mis U			520	1,369,000	86,000	0	
1217	Toliver, Clay ¹⁰¹	McClosky; Mis L		1942	20	6,000	0	0	
1218	Toliver East, Clay			1943	80	184,000	6,000	0	
1219		Rosiclare; Mis L			20	6,000	1,000	0	
1220		McClosky; Mis L			60	178,000	5,000	0	
1221	Tonti, Marion			1939	650	9,724,000	264,000	0	
1222		Bethel; Mis U				x	x	0	
1223		Aux Vases; Mis U				x	x	0	
1224		Rosiclare; Mis L			650	x	x	0	
1225		McClosky; Mis L				x	x	0	
1226		Devonian; Dev			80	x	x	0	
1227		4							
1228	Trumbull, White			1944	250	476,000	45,000	0	
1229		Cypress; Mis U			110	x	x	0	
1230		Aux Vases; Mis U			80	x	x	0	
1231		Rosiclare; Mis L			20	x	x	0	
1232		McClosky; Mis L			60	x	x	0	
1233		4							
1234	Valier, Franklin	McClosky; Mis L		1942	20	2,000	0	0	
1235	Waggoner, Montgomery	Pottsville; Pen		1940	40	11,000	0	0	

TABLE I - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e		WELLS PRODUCING DEC 1951			RESERVOIR PRESSURE psi	CHARACTER OF OIL ^b	PRODUCING FORMATION			DEEPEST ZONE TESTED ⁿ TO END OF 1951					
	COMPLETED TO END 1951		1951		OIL			INITIAL	Avg., END 1951	SECONDARY RECOVERY ^g	CHARACTER ⁱ	DEPTH TO TOP OF PRODUCING ZONE FT ^f	PROD. THICKNESS AVG. FT./NET	STRUCTURE ^m	NAME	DEPTH OF HOLE, FT.
	COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT	GAS	INITIAL	Avg., END 1951	SECONDARY RECOVERY ^g	GRAVITY A.P.I.	SULPHUR PER CENT	CHARACTER ⁱ	DEPTH TO TOP OF PRODUCING ZONE FT ^f	PROD. THICKNESS AVG. FT./NET	STRUCTURE ^m		
1164	2	0	1	0	0	0	x	x	x	x	S	2,700	8	ML		
1165	0	0	0	0	0	1	x	x	x	x	S	2,885	5	ML		
1166	8	0	0	0	5	0	x	x	x	x	OL	3,000	6	MC		
1167	5	1	0	0	8	0	x	x	x	x	P	3,025	6	MC		
1168	3	0	0	0	1	0	x	x	x	x	S					
1169	17	0	1	0	12	0	x	x	x	x	S			A	Mis L	3,205
1170	13	0	0	0	12	0	x	x	x	x	L	2,970	12	AL		
1171	4	0	1	0	0	0	x	x	x	x	P	3,090	3	AC		
1172	3	0	0	0	1	0	x	x	x	x	S	2,980	2	M	Mis L	3,106
1173	0	0	0	0	0	0	x	x	x	x	P	3,030	6	MC		
1174	2	0	0	0	1	0	x	x	x	x	L			MC		
1175	1	0	0	0	0	0	x	x	x	x	P					
1176	6	0	0	0	6	0	x	x	x	x	S	1,945	9	A	Mis L	2,138
1177	189	0	0	0	151	0	x	x	x	x	P			A	Mis L	3,394
1178	2	0	0	0	0	0	x	x	x	x	S	2,085	2	MF		
1179	2	0	0	0	3	0	x	x	x	x	S	2,295	15	MF		
1180	92	0	0	0	83	0	x	x	x	x	S	2,630	18	A		
1181	9	0	0	0	7	0	x	x	x	x	S	2,660	12	MF		
1182	11	0	0	0	13	0	x	x	x	x	S	2,800	22	AF		
1183	12	0	0	0	8	0	x	x	x	x	S	2,815	8	AF		
1184	8	0	0	0	7	0	x	x	x	x	S	2,890	13	AF		
1185	7	0	0	0	1	0	x	x	x	x	OL	3,035	5	AC		
1186	11	0	0	0	4	0	x	x	x	x	LS	3,070	8	AC		
1187	18	0	0	0	4	0	x	x	x	x	P	3,100	8	AC		
1188	17	0	0	0	21	0	x	x	x	x	OL					
1189	211	26	1	0	159	1	x	x	x	x	S	2,230	15	A	Mis L	3,267
1190	198	24	1	0	149	1	x	x	x	x	P	2,340	10	AL		
1191	4	0	0	0	3	0	x	x	x	x	S	2,700	10	Mf		
1192	2	0	0	0	2	0	x	x	x	x	S	2,810	x	MF		
1193	1	0	0	0	0	0	x	x	x	x	S	3,015	9	Mf		
1194	0	0	0	0	0	0	x	x	x	x	S	3,055	5	MC		
1195	3	2	0	0	2	0	x	x	x	x	L					
1196	3	0	0	0	3	0	x	x	x	x	P					
1197	32	0	1	0	30	0	x	x	x	x	OL	3,025	8	AC	Mis L	3,108
1198	1	0	0	0	0	0	x	x	x	x	L	3,010	4	x	Mis L	3,144
1199	2	0	0	0	1	0	x	x	x	x	P	2,260	4	MC	Mis L	2,365
1200	8	3	0	0	7	0	x	x	x	x	S			M	Mis L	3,379
1201	5	2	0	0	4	0	x	x	x	x	S	2,575	18	MF		
1202	1	1	0	0	1	0	x	x	x	x	S	2,655	14	MF		
1203	2	0	0	0	2	0	x	x	x	x	S	2,860	15	MF		
1204	1	1	0	0	1	0	x	x	x	x	L	3,120	7	x	Mis L	3,265
1205	9	0	0	0	9	0	x	x	x	x	S	2,580	8	ML	Mis L	3,430
1206	4	0	1	0	1	0	x	x	x	x	S	1,130	7	AL	Mis L	1,630
1207	1	0	1	0	0	0	x	x	x	x	L	3,055	6	x	Mis L	3,223
1208	50	0	0	0	45	0	x	x	x	x	P			A	Mis L	3,660
1209	49	0	0	0	38	0	x	x	x	x	S	3,360	15	AL		
1210	0	0	0	0	3	0	x	x	x	x	P	3,500	10	AC		
1211	1	0	0	0	4	0	x	x	x	x	S					
1212	19	0	0	0	0	0	x	x	x	x	L	3,120	10	A	Mis L	3,455
1213	6	0	0	0	6	0	x	x	x	x	S	3,150	8	ML	Mis L	3,310
1214	70	0	11	0	50	0	x	x	x	x	P			A	Mis L	3,365
1215	1	0	0	0	0	0	x	x	x	x	S	2,750	10	AL		
1216	69	0	11	0	50	0	x	x	x	x	S	3,100	20	AL		
1217	1	0	0	0	0	0	x	x	x	x	OL	2,790	5	MC	Mis L	2,887
1218	4	0	0	0	4	0	x	x	x	x	P			M	Mis L	2,946
1219	1	0	0	0	1	0	x	x	x	x	S	2,815	6	MC		
1220	3	0	0	0	3	0	x	x	x	x	OL	2,840	8	MC		
1221	94	1	0	0	79	0	x	x	x	x	P			R	Ord	4,900
1222	9	1	0	0	7	0	x	x	x	x	S	1,930	20	D		
1223	16	0	0	0	23	0	x	x	x	x	S	2,005	30	D		
1224	1	0	0	0	0	0	x	x	x	x	LS	2,125	12	D		
1225	55	0	0	0	36	0	x	x	x	x	OL	2,130	15	D		
1226	7	0	0	0	4	0	x	x	x	x	L	3,500	7	D		
1227	6	0	0	0	9	0	x	x	x	x	P					
1228	21	1	1	0	15	0	x	x	x	x	S	2,845	10	A	Mis L	3,382
1229	11	1	1	0	7	0	x	x	x	x	P			A		
1230	6	0	0	0	6	0	x	x	x	x	S	3,170	9	A		
1231	1	0	0	0	0	0	x	x	x	x	L	3,270	6	A		
1232	2	0	0	0	1	0	x	x	x	x	L	3,290	5	A		
1233	1	0	0	0	1	0	x	x	x	x	P					
1234	1	0	0	0	0	0	x	x	x	x	S	2,715	12	ML	Mis L	2,725
1235	4	0	0	0	0	0	x	x	x	x	P	610	10	x	Dev	1,893

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION		CONDENSATE PRODUCTION Thousands of Bbl	
				AREA PROVED ACRES	BARRELS	AREA PROVED ACRES	MILLION CU FT ^c	GAS/OIL RATIO ^d MCF/BBL	TO END OF 1951
					TO END OF 1951	DURING 1951			DURING 1951
1236	Wakefield, Jasper ¹⁰²	Rosiclar; Mis L	1946	20	1,000	0	0	0	0
1237	Walpole, Hamilton		1941	1,700	4,904,000	378,000	0	0	0
1238		Tar Springs; Mis U		80	x	x	0	0	0
1239		Aux Vases; Mis U		1,620	x	x	0	0	0
1240	Walpole South, Hamilton	Aux Vases; Mis U	1951	20	21,000	21,000	0	0	0
1241	Waltonville, Jefferson	Bethel; Mis U	1943	40	88,000	5,000	0	0	0
1242	Waverly (Gas), Morgan		1946	20	0	0	700	0	0
1243		Pennsylvanian; Pen		0	0	0	160	0	0
1244		Devonian; Dev		20	0	0	700	0	0
1245	Weaver, Clark	Devonian; Dev	1949	640	492,000	266,000	0	0	0
1246	West End, Hamilton - Saline		1944	140	405,000	18,000	0	0	0
1247		Aux Vases; Mis U		120	405,000	18,000	0	0	0
1248		McClosky; Mis L		20	300	0	0	0	0
1249	West Frankfort, Franklin		1941	980	2,277,000	151,000	0	0	0
1250		Tar Springs; Mis U		450	x	x	0	0	0
1251		Aux Vases; Mis U		40	x	x	0	0	0
1252		Lower Ohara; Mis L			x	x	0	0	0
1253		Rosiclar; Mis L ³¹		520	x	x	0	0	0
1254		McClosky; Mis L			x	x	0	0	0
1255				4					
1256	Westfield East, Clark	Pennsylvanian; Pen	1947	100	17,000	3,000	80	0	0
1257	Westfield North, Coles		1949	20	400	0	0	0	0
1258		Pennsylvanian; Pen		10	400	0	0	0	0
1259		Pennsylvanian; Pen		10	0	0	0	0	0
1260	Whittington, Franklin		1939	250	299,000	73,000	0	0	0
1261		Hardinsburg; Mis U		80	x	x	0	0	0
1262		Cypress; Mis U		60	x	x	0	0	0
1263		Aux Vases; Mis U		10	x	x	0	0	0
1264		Rosiclar; Mis L		20	x	x	0	0	0
1265		McClosky; Mis L		80	x	x	0	0	0
1266		St. Louis; Mis L		20	x	x	0	0	0
1267				4					
1268	Whittington South, Franklin	Cypress; Mis U	1950	100	113,000	70,000	0	0	0
1269	Whittington West, Franklin		1943	240	158,000	15,000	0	0	0
1270		Bethel; Mis U		20	x	x	0	0	0
1271		Aux Vases; Mis U		140	x	x	0	0	0
1272		Lower Ohara; Mis L		100	x	x	0	0	0
1273		Rosiclar; Mis L ³²		20	x	x	0	0	0
1274		McClosky; Mis L		40	x	x	0	0	0
1275				4					
1276	Williams, Jefferson		1948	160	122,000	39,000	0	0	0
1277		Bethel; Mis U		110	x	x	0	0	0
1278		Aux Vases; Mis U		120	x	x	0	0	0
1279				4					
1280	Willow Hill East, Jasper	McClosky; Mis L	1946	300	200,000	9,000	0	0	0
1281	Woburn Consolidated, Bond		1940	670	892,000	95,000	0	0	0
1282		Cypress; Mis U		220	x	x	0	0	0
1283		Bethel; Mis U		260	x	x	0	0	0
1284		Devonian; Dev		160	x	x	0	0	0
1285		Trenton; Ord		320	x	x	0	0	0
1286	Woodlawn, Jefferson		1940	1,960	12,384,000	370,000	0	0	0
1287		Tar Springs; Mis U ³²		20	x	x	0	0	0
1288		Cypress; Mis U		60	x	x	0	0	0
1289		Bethel; Mis U		1,900	x	x	0	0	0
1290		Aux Vases; Mis U		240	x	x	0	0	0
1291		Rosiclar; Mis L		40	x	x	0	0	0
1292		McClosky; Mis L ³²		40	x	0	0	0	0
1293		Devonian; Dev		20	8,000	1,000	0	0	0
1294				4					
1295	Xenia, Clay	Aux Vases; Mis U	1941	10	27,000	1,000	0	0	0
1296	Xenia East, Clay		1951	80	26,000	26,000	0	0	0
1297		Cypress; Mis U		70	x	x	0	0	0
1298		Bethel; Mis U		10	x	x	0	0	0
1299	Zenith, Wayne	McClosky; Mis L	1948	40	19,000	2,000	0	0	0
1300	Zenith North, Wayne		1951	80	8,000	8,000	0	0	0
1301		Rosiclar; Mis L		60	x	x	0	0	0
1302		McClosky; Mis L		40	x	x	0	0	0
1303				4					
1304	Zenith South, Wayne		1949	280	643,000	56,000	0	0	0
1305		Lower Ohara; Mis L ³¹		20	x	x	0	0	0
1306		McClosky; Mis L		280	x	x	0	0	0
1307				4					

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS ^e			WELLS PRODUCING DEC 1951			RESERVOIR PRESSURE psi		SECONDARY RECOVERY ^g	CHARACTER OF OIL ^h	PRODUCING FORMATION				DEEPEST ZONE TESTED ⁱ TO END OF 1951		
	COMPLETED TO END 1951		1951	OIL ³	ARTIFICIAL LIFT	GAS	INITIAL	Avg./END 1951			P	3,120	5	x	A	DEPTH OF HOLE, FT.	
	COMPLETED	ABANDONED		FLOWING					S	2,465	15	AL	AL	Mis L	3,184		
1236	1	0	0	0	0	0	x	x	G	x	x	S	P	2,465	15	AL	3,390
1237	94	9	1	0	0	92	0	x	G	36.1	x	S	P	3,070	20	A	Mis L
1238	6	0	0	0	0	6	0	x		38.4	0.13	S	P	3,120	6	x	Mis L
1239	88	9	1	0	0	86	0	x		x	x	S	P	2,460	9	A	Ord
1240	2	2	0	0	0	2	0	x		x	x	S	P	250	13	A	Mis L
1241	4	0	0	0	0	3	0	x		37.8	0.14	S	P	1,000	10	A	Mis L
1242	8	0	0	0	0	0	x	x		x	x	L	P	2,020	10	R	Dev
1243	1	0	0	0	0	0	x	x		37.0	x	L	P	2,810	8	M	Mis L
1244	7	0	0	0	0	0	360	x		x	x	S	P	2,760	8	AC	AC
1245	33	6	0	0	0	31	0	x		x	x	S	P	2,810	8	AC	AC
1246	11	0	0	0	0	8	0	x		36.0	x	S	P	2,825	14	AC	AC
1247	10	0	0	0	0	8	0	x		x	x	L	P	3,140	15	ML	ML
1248	1	0	0	0	0	0	x	x		x	x	L	P	3,275	5	MC	MC
1249	65	1	1	0	0	59	0	x		39.0	0.13	S	P	2,060	20	A	Mis L
1250	36	1	0	0	0	31	0	x		37.0	x	S	P	2,710	20	A	3,156
1251	2	0	0	0	0	3	0	x		38.6	x	L	P	2,810	8	AC	AC
1252	12	0	0	0	0	8	0	x		x	x	S	P	2,825	14	AC	AC
1253	0	0	0	0	0	0	x	x		38.0	x	L	P	3,140	15	ML	ML
1254	4	0	0	0	0	7	0	x		x	x	S	P	3,275	5	MC	MC
1255	11	0	1	0	0	10	0	1,100		x	x	S	P	400	11	ML	Pen
1256	10	0	1	0	0	6	0	x		x	x	S	P	490	10	x	Pen
1257	2	0	0	0	0	0	x	x		x	x	S	P	275	5	x	Pen
1258	1	0	0	0	0	0	x	x		x	x	S	P	490	10	x	Pen
1259	1	0	0	0	0	0	x	x		x	x	S	P	2,535	10	A	Mis L
1260	18	1	0	0	0	17	0	x		x	x	S	P	2,735	15	A	3,130
1261	6	0	0	0	0	5	0	x		38.6	0.12	S	P	2,810	8	AC	AC
1262	5	1	0	0	0	6	0	x		x	x	S	P	2,880	10	AC	AC
1263	1	0	0	0	0	2	0	x		x	x	S	P	2,870	9	AC	AC
1264	1	0	0	0	0	2	0	x		x	x	S	P	3,080	6	AC	AC
1265	2	0	0	0	0	0	x	x		37.6	0.24	L	P	3,080	6	AC	AC
1266	1	0	0	0	0	0	x	x		x	x	L	P	3,140	15	ML	ML
1267	2	0	0	0	0	2	0	x		x	x	S	P	3,275	5	MC	MC
1268	10	0	0	0	0	10	0	x		x	x	S	P	2,580	10	A	Mis L
1269	13	0	0	0	0	9	0	x		x	x	S	P	2,615	10	A	Mis L
1270	1	0	0	0	0	1	0	x		x	x	S	P	2,680	15	AL	AL
1271	4	0	0	0	0	2	0	x		x	x	S	P	2,800	5	AC	AC
1272	1	0	0	0	0	0	x	x		x	x	S	P	2,780	4	AC	AC
1273	0	0	0	0	0	1	0	x		x	x	L	P	2,900	6	AC	AC
1274	1	0	0	0	0	0	x	x		x	x	L	P	3,140	15	ML	ML
1275	6	0	0	0	0	5	0	x		x	x	S	P	3,275	5	MC	MC
1276	15	0	0	0	0	14	0	x		x	x	S	P	2,515	8	A	Dev
1277	4	0	0	0	0	2	0	x		x	x	S	P	2,585	7	A	Dev
1278	9	0	0	0	0	3	0	x		x	x	S	P	2,645	6	A	Dev
1279	2	0	0	0	0	9	0	x		x	x	S	P	2,735	15	AL	AL
1280	17	0	5	0	0	7	0	x		x	x	S	P	2,810	8	AC	AC
1281	68	1	5	0	0	61	0	x		x	x	S	P	2,880	10	A	Mis L
1282	20	1	0	0	0	20	0	x		x	x	S	P	2,900	10	A	3,281
1283	30	0	1	0	0	28	0	x		36.4	0.20	S	P	865	8	AL	3,257
1284	3	0	1	0	0	2	0	x		x	x	S	P	1,020	6	AL	AL
1285	15	0	3	0	0	11	0	x		38.7	0.27	L	P	2,275	5	AC	AC
1286	175	0	3	0	0	129	0	x		x	x	S	P	3,170	12	AC	AC
1287	0	0	0	0	0	0	x	x		x	x	S	P	3,140	15	ML	ML
1288	3	0	0	0	0	1	0	x		x	x	S	P	1,800	10	AL	AL
1289	171	0	1	0	0	101	0	x		38.4	0.16	S	P	1,960	25	A	AL
1290	0	0	0	0	0	8	0	x		x	x	S	P	1,975	10	A	AL
1291	1	0	0	0	0	0	x	x		x	x	LS	P	2,205	15	A	AL
1292	0	0	0	0	0	0	x	x		x	x	L	P	2,200	3	A	AL
1293	0	0	0	0	0	1	0	x		38.5	x	L	P	3,700	10	A	AL
1294	0	0	2	0	0	18	0	x		x	x	S	P	2,785	13	A	Dev
1295	1	0	0	0	0	1	0	x		35.0	0.19	S	P	2,785	13	A	Dev
1296	8	8	0	0	0	8	0	x		x	x	S	P	2,500	6	A	Dev
1297	7	7	0	0	0	7	0	x		x	x	S	P	2,710	6	A	Mis L
1298	1	1	0	0	0	1	0	x		x	x	S	P	2,970	7	MC	MC
1299	2	0	1	0	0	1	0	x		x	x	L	P	3,085	5	N	Mis L
1300	4	4	0	1	0	3	0	x		x	x	S	P	3,140	4	NC	NC
1301	2	2	0	1	0	1	0	x		x	x	L	P	3,140	4	NC	NC
1302	1	1	0	0	0	1	0	x		x	x	L	P	2,920	6	M	Mis L
1303	1	1	0	0	0	1	0	x		x	x	L	P	2,985	7	MC	MC
1304	14	0	4	0	0	8	0	x		x	x	L	P	3,116			
1305	0	0	0	0	0	0	x	x		x	x	L	P				
1306	12	0	4	0	0	7	0	x		x	x	L	P				
1307	2	0	0	0	0	1	0	x		x	x	L	P				

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) ^a	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION		GAS PRODUCTION			CONDENSATE PRODUCTION Thousands of Bbl	TO END OF 1951	DURING 1951
				AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT ^c			
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951		
1308	Total of fields discovered after January 1, 1937			298,305	1,068,386,000	54,147,000	6,640	7,521.5	349.6		
1309	Total for Illinois			412,050	1,569,409,000	60,244,000	17,965	10,028.0	349.6		

¹ Pressures in Southeastern Illinois oil fields are estimated bottom-hole pressures reported in previous Survey publications; in new pools are pressures as reported by companies.

² Gravities for pools prior to 1936 (except those in parentheses) are from data for the year 1925 furnished by the Ohio Pipe Line Company (formerly called the Illinois Pipe Line Company). Gravities in parentheses are for particular samples.

³ Discrepancies between numbers of original completions and present producing wells in various pays are due in part to reworking of wells.

⁴ Wells producing from more than one pay. See Table 7.

⁵ Abandoned 1945; revived 1950.

⁶ Total of lines 2, 7, 11, 12, 17, 24, 30, and 35.

⁷ Includes Kibbie, Oblong, Robinson, and Hardinsville.

⁸ Includes Swearingen gas (abandoned).

⁹ Total of lines 40, 47, 48, 49, 50, 51, and 52.

¹⁰ Anticline with accumulation controlled by change in character of rock.

¹¹ Total of lines 54 and 70.

¹² Includes Patton

¹³ Total of lines 1, 39, 53, 71, and 72.

¹⁴ Abandoned 1950.

¹⁵ Abandoned 1923.

¹⁶ Reef

¹⁷ Anticlinal with accumulation in sand lens.

¹⁸ Abandoned 1933; revived 1949.

¹⁹ Abandoned 1934.

²⁰ Abandoned 1925; revived 1942.

²¹ Abandoned 1935.

²² Abandoned 1934.

²³ Abandoned 1919.

²⁴ Abandoned 1921.

²⁵ Abandoned 1904; revived 1942.

²⁶ Abandoned 1930; revived 1939; abandoned 1951.

²⁷ Abandoned 1937.

²⁸ Gas not used until 1905; abandoned 1930.

²⁹ Abandoned 1900.

³⁰ Total of lines 88 to 116, inclusive.

³¹ Producing in combination only.

³² Produced in workover or combination wells only. Not producing now.

³³ Abandoned 1946.

³⁴ Abandoned 1950.

³⁵ Includes Blairsville.

³⁶ Abandoned 1949.

³⁷ Abandoned 1949.

³⁸ Abandoned 1951.

³⁹ Includes New Haven North

⁴⁰ Abandoned 1947.

⁴¹ Abandoned 1950.

⁴² Abandoned 1951.

⁴³ Includes Rural Hill.

⁴⁴ Abandoned 1946.

⁴⁵ Abandoned 1951.

⁴⁶ Abandoned 1940.

⁴⁷ Abandoned 1943; revived and abandoned 1948; revived and abandoned 1951.

⁴⁸ Abandoned 1951.

⁴⁹ Abandoned 1951.

⁵⁰ Includes Epworth East.

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

TABLE II A - DISCOVERY WELLS OF NEW FIELDS

LINE NUMBER	POOL	COUNTY	COMPANY AND FARM	LOCATION	TOTAL DEPTH FEET	PRODUCING FORMATION	DEPTH TO TOP FEET	INITIAL PRODUCTION (BBL.) A/	DATE OF COMPLETION	NO. WELLS PRODUCING IN POOL DEC. 31, 1951
1	Assumption South	Christian	Texas #1 Kemmerer Orphanage	14-12N-1E	2740	Devonian	2632	26; 1	12-31-51	1
2	Beaucoup	Washington	Collins Bros. & Obering #1 Meinert	10-2S-2W	3080	Devonian-Silurian	3047	50	8-7-51	1
3	Beaucoup South	Washington	D. Hopkins #1 T. Kruski	33-2S-2W	1445	Bethel	1430	103; 4	10-30-51	6
4	Bellmont	Wabash	G. Ellison #1 H. Epler	36-1S- 14W	2847	McClosky	2336	240	5-22-51	3
5	Blairstown West	Hamilton	G. C. Schoonmaker #1 R. Thompson	18-4S- 7E	3422	McClosky	3416	490	5-1-51	9
6	Bone Gap East	Edwards	B. Kidd #1 A. H. Cowling	4-1S-14W	3115	Lower Ohara	2980	70	2-13-51	1
7	Broughton	Hamilton	Carter #1 J. Van Winkle	27-6S-7E	3330	McClosky	3277	92; 96	8-28-51	1
8	Broughton South	Saline	Skiles #1 M. Pemberton	20-7S-7E	3227	McClosky	3213	28; 30	10-2-51	1
9	Cantrell North	Hamilton	R. Halbert #1 Auten Hrs.	32-6S-5E	3250	Aux Vases	3236	253	9-4-51	6
10	Carlyle South	Clinton	P. Schoedienst #1 D. R. Branch	11-1N-3W	1079	Cypress	1076	9; 12	12-11-51	1
11	Christopher	Franklin	La Grange Pet #1 B. Harrison-Old Ben Coal	24-6S-1E	2822; PB 2685	Lower Ohara	2675	23; 10	2-27-51	0
12	Cottonwood North	Gallatin	Griffith & Berkman #1 Hale	21-7S-9E	2624	Cypress	2607	39	9-25-51	7
13	Exchange North	Marion	Atlas Drlg. #1 E. Sawyer	11-1N-3E	2631; PB 2735	McClosky	2715	152; 50	7-24-51	1
14	Frogtown North	Clinton	Gulf #1 F. Warnecke	6-2N-3W	2340; PB 1234	St. Louis	1195	165	4-17-51	22
15	Gardens Point	Wabash	Gilliam Drlg. #1 E. Miller	25-1N-14W	2844	Lower Ohara	2838	312	9-25-51	1
16	Goldengate East	Wayne	C. E. Brehm #1 P. J. Seifert	2-3S-9E	3420; PB 3310	Lower Ohara	3291	29; 35	11-13-51	1
17	Hord South	Clay	Webster & Shirk #1 Roberts	26-5N-6E	2790	McClosky	2781	350	9-11-51	4
18	Irvington East	Jefferson	Ervin & Bassett #2 Hartley	19-1S-1E	1084	Pennsylvanian	1030	24	10-23-51	1
19	Keenville East	Wayne	Bolin & Appleby #1 Clevenger	36-1S-5E	3172	McClosky	3127	67	8-7-51	2
20	Lexington North	Wabash	P. Rossi #1 E. Leitch	23-1S-14W	3004	Lower Ohara	2931	46	6-19-51	1
21	Livingston East	Madison	J. S. Lehwald #1 T. Voyles	26-6N-6W	555	Pennsylvanian	543	4,500,000 cu. ft.	11-27-51	1
22	Locust Grove	Wayne	J. M. Zanetis #1 W. F. Daubs	31-1N-9E	3306	Lower Ohara; McClosky	3234	218 B/	2-20-51	6
23	Lynchburg	Jefferson	Peak Drlg. #1 Brown	8-3S-4E	3065	McClosky	3278			
24	Mason North	Effingham	Texas #1 R. Sinnickson	10-6N-5E	2521	Rosiclare	3050	175	10-23-51	1
25	Maunie East	White	National Assoc. Pet. #1 Truscott Hrs. "B"	6-6S-11E	2878	Aux Vases	2363	53; 8	9-11-51	9
26	Noble West	Clay	J. H. Gilliam #1 C. Jones	3-3N-8E	3143	Rosiclare	2868	20; 20	12-31-51	1
27	Okawville	Washington	E. A. Oberling #1 Baldwin	15-1S-4W	2336	Silurian	3036	42	10-9-51	1
28	Omaha South	Gallatin	Inland Producers #1 Allen	8-8S-8E	3017; PB 2868	Rosiclare	2323	56	5-22-51	3
29	Oskaloosa East	Clay	National Assoc. Pet. #1 Spicker-Sefton "A"	7-3N-6E	2897	McClosky	2866	34; 30	10-9-51	1
30	Oskaloosa South	Clay	E. A. Oberling #1 Hale	9-3N-5E	2883	McClosky	2894	297	7-31-51	2
31	Pana	Christian	Collins Bros. #1 R. T. Jones	3-11N-1E	2847; PB 1483	Bethel	2770	9	12-18-51	1
32	Philipstown South	White	Aubrey-Tennant #1 J. L. Brown	11-5S-10E	2994	Aux Vases	1472	20; 20	5-15-51	2
33	Pinkstaff	Lawrence	Cherry & Beebe #1 W. E. Conrad	9-4N-11W	1797	McClosky	2981	30; 5	10-30-51	1
34	Raymond East	Montgomery	L. Marsch #1 M. A. Poggenpohl	22-10N-4W	612	Pennsylvanian	1734	15; 65	5-22-51	0
35	Ritter North	Richland	Sanders & Fye #1 Phillips	18-3N-11E	3288	McClosky	602	50	12-11-51	1
36	Samsville West	Edwards	Peak Drlg. #1 E. King	27-1N-10E	3312	Lower Ohara	3200	52; 10	11-13-51	1
37	Schnell South	Clay	Calvert Drlg. #1 E. Gallagher	13-2N-8E	3071	Rosiclare	3266	200	12-4-51	2
38	Sumpter East	White	George & Wrather #1 R. Winter	32-4S-10E	3265	Lower Ohara	3003	85	9-11-51	2
39	Wapole South	Hamilton	Dee Miller #1 H. E. Howard	8-7S-6E	3133	Aux Vases	3118	300	12-11-51	1
40	Xenia East	Clay	W. W. Dayton #1 G. G. Campbell	11-2N-5E	2535	Cypress	3125	350	6-26-51	2
41	Zenith North	Wayne	George & Wrather #1 D. McGrew	21-2N-6E	3204	Rosiclare; McClosky	3136	45; 24	7-17-51	4

A/ Oil and Water

B/ Producing from 2 pays

TABLE II B - ALFRED H. BELL AND VIRGINIA KLINE

LINE NUMBER	POOL	COUNTY	COMPANY AND FARM	LOCATION	TOTAL DEPTH FEET	PRODUCING FORMATION	DEPTH TO TOP FEET	INITIAL PRODUCTION (BBL.) A/	CUMULATIVE OIL PLENTY LTD.
1	Bend	White Edwards	B. M. Heath & Inland Prod. #1 J. L. Brown Gallagher #1 L. G. Smith	16-5S-14W 18-1S-14W 9-1S-14W	2276 3193; PB 2315 3141	Tar Springs Watersburg McClosky	2256 2310 3054	250	8-7-51 8-21-51 2-20-51
2	Bone Gap	Calhoun Central	G. Wickham #1 Morgan George & Wrath #1 M. Beach	10-2N-10E	3291	Rosciare McClosky	3247	54	5-29-51
3	Bone Gap East	Calhoun Consol.	J. B. Murvin #1 E. Arterberry	8-2N-10E	3245	Cypress	3196	8; 50	6-12-51
4	Bone Gap East	Carmi North	E. F. Moran #1 J. Zimmerman	10-5S-9E	2966	McClosky	2948	20; 2	11-18-51
5	Bone Gap East	Clay City Consol.	Calvert Drig. #1 B. Victor	28-5N-10E	2966	McClosky	2883	87; 3	12-18-51
6	Bone Gap East	Clay City Consol.	Mark Twain #1 L. Kaskie	28-3N-9E	3025	Rosciare	3007	85	3-13-51
7	Bone Gap East	Clay City Consol.	Joe Bander et al #2 N. Diesser	1-3N-9E	3029	Rosciare	2976	52	3-13-51
8	Bone Gap East	Clay City Consol.	W. H. Bears #1 L. G. Bradham	1-1N-8E	3174	Lower Ohara	3116	11; 6	6-26-51
9	Bone Gap East	Clay City Consol.	Mammoth Prod. #1 A. Davis	2-1S-7E	3268	Lower Ohara	3177	62; 8	6-19-51
10	Bone Gap East	Clay City Consol.	Nation #1 C. Mark	26-1S-8E	3107	Aux Vases	3082	30	1-30-51
11	Bone Gap East	Clay City Consol.	Aurora #1 Bunting "A"	35-1S-7E	3276	Lower Ohara; McClosky	3197	234 B/	1-16-51
12	Bone Gap East	Clay City Consol.	W. W. Tolter #1 Manker	17-3N-8E	2924	Aux Vases	2911	40	5-22-51
13	Bone Gap East	Clay City Consol.	Perrine & Perrine #1 L. C. Ellis	30-1S-4E	2677	Aux Vases	2671	27; 10	11-20-51
14	Clay City Consol.	Clay	Robinson-Puckett #1 Becker	29-6N-6E	2686	Rosciare	2680	28	5-22-51
15	Clay City Consol.	Jefferson	McGregor #1 R. Fisher	34-2S-9E	3400	McClosky	3364	55; 55	5-8-51
16	Clay City Consol.	Effingham	Skiles #1 E. A. Strophlet	29-5S-10E	3002	Aux Vases	2993	46	9-4-51
17	Clay City Consol.	Efferville	Stewart Oil #1 J. Tate	28-6S-5E	3312	Aux Vases	3294	75; 27	12-11-51
18	Clay City Consol.	Ellery West	E. J. Goldschmid #1 Jaske Comm.	1-2N-4W	2280	Silurian	2264	440; 50	4-17-51
19	Clay City Consol.	Epworth	N. V. Duncan #1 Locke	17-2S-9E	3459; PB 3330	Aux Vases;	3244	30 B/	8-21-51
20	Clay City Consol.	Flamigan	Trulley & Carter #1 Evans	8-2S-9E	3252	Aux Vases	3235	12; 3	8-7-51
21	Clay City Consol.	Frogtown North	Goodman Oil #1 R. O. Baker	20-2S-9E	3432; PB 3320	Aux Vases	3280	8; 9	12-4-51
22	Goldengate West	Hidalgo North	H. Atha #1 M. Delap	8-7S-8E	3644	Cypress	2625	35	6-12-51
23	Goldengate West	Hord South	Kull Oil #1 Clark	25-9N-9E	2704	Rosciare	2660	6	10-2-51
24	Goldengate West	Ingraham	H. Graham #1 W. McGee	27-5N-6E	2781	McClosky	2775	460; 5	10-23-51
25	Goldengate West	Imran East Consol.	Sun Drig. #A-1 Hinterscher	9-4N-8E	3036	Rosciare	3010	275	1-16-51
26	Goldengate West	Imran West Consol.	Coy Oil #1 H. C. Ford	28-7S-10E	2112	Waltersburg	2097	20	7-3-51
27	Goldengate West	Imran West Consol.	Farell & Ripley #1 A. Malonev	30-8S-10E	2837	McClosky	2832	5; 5	6-5-51
28	Goldengate West	Imran West Consol.	H. E. Howard #1 M. Mills	26-8S-9E	2788	Cypress;	2472	135; 45 B/	5-15-51
29	Iola Consol.	Effingham	D. H. Bolin #1 Heitzel	33-6N-5E	2498	Aux Vases	2766	20; 40	10-9-51
30	Iola Consol.	Washington	Hockman #1 Rechman	25-1S-1W	1540	McClosky	2488	41 B/	8-28-51
31	Keensburg South	Wayne	White & Vickery #1 G. Garst "B"	34-2S-13W	2408	Cypress	2391	28; 2	7-3-51
32	Keensburg South	Wayne	N. V. & W. Duncan #1 Blackburn	29-1S-5E	2959	Aux Vases	2946	231	7-17-51
33	Keensburg South	Wayne	Burr Lambert & Rock Island #1 A. L. Seibert	27-1N-13W	2712	Lower Ohara	2670	40; 150	6-12-51
34	Keenville	Wayne	Miracle & Steber #2 J. M. Luther	13-1N-10E	2466	Waltersburg	2448	150; 100	1-16-51
35	Lancaster South	Wayne	H. Luttrell #2 C. J. Moritz	23-6N-5E	2304	Bethel	2296	60	8-21-51
36	Maple Grove East	Wayne	Farrell & Ripley #1 Westergard Hrs.	30-6S-11E	2999; PB 1924	Deponia	1904	24	5-29-51
37	Mason	Wayne	Pappas & Ashland #1 Allison Hrs.	36-2S-9E	3388	McClosky	3322	75; 30	8-21-51
38	Maine South	Wayne	Indiana Farm Bureau #1 G. H. Zimmerman	10-1S-12W	1993	Cypress	1970	40	8-21-51
39	Mitchell	Wayne	W. C. McBride #1 Truscott	36-5S-14W	3123; PB 2676	Tar Springs	2668	14; 90	12-11-51
40	Mt. Carmel	Wayne	Tulley & Carter #1 W. L. Wasem	24-7S-10E	2157	McClosky	2137	125; 50	8-7-51
41	New Harmony South	White	D. Baines #1 G. Stangle	25-4N-10E	3162	McClosky	3151	15; 7	6-12-51
42	New Haven Consol.	White							
43	Oliney Consol.	Richland							

TABLE II B - OIL AND GAS DEVELOPMENTS IN ILLINOIS

TABLE II B - DISCOVERY WELLS OF EXTENSIONS TO POOLS CONTINUED

LINE NUMBER	POOL	COUNTY	COMPANY AND FARM	LOCATION	TOTAL DEPTH FEET	PRODUCING FORMATION	DEPTH TO TOP FEET	INITIAL PRODUCTION (BBL.) A/	DATE OF COMPLETION
44	Parkersburg Consol.	Richland	D. Slape et al #1 Ivey	15-2N-14W	3079	McClosky	3072	47	9-11-51
45	Parkersburg Consol.	Richland	Caupert Drig. #1 W. O. Freeman	21-2N-14W	3101	McClosky	3066	256	7-24-51
46	Parkersburg Consol.	Richland	Caupert Drig. #1 J. McVaigh	16-2N-14W	3133	Rosiclar	3079	192; 15	7-17-51
47	Phillipstown Consol.	White	Ashland & Herndon #1 H. Hanks	14-4S-10E	2841	Bethel	2836	25	9-4-51
48	Reservoir	Jefferson	National Assoc. Pet. #1 Pfeiffer "A"	29-1S-3E	2585	McClosky	2574	136	11-27-51
49	Riark	Lawrence	Sanders-Fye #1 Starkman	7-2N-12W	1860	Waltersburg	1603	4; 20	7-24-51
50	Ste. Marie West	Jasper	Bell Bros. #1 C. Rudd	25N-10E	2870	McClosky	2847	228	11-27-51
51	Stanford	Clay	Ashland & Becker #1 O. Lee	26-3N-7E	3081	McClosky	3033	60	8-21-51
52	Storms	White	Ashland & N. V. Duncan #1 W. B. Hall	36-5S-9E	3269; PB 3167	Rosiclar	3142	35; 20	9-4-51
53	Whittington	Franklin	J. H. Gilliam #1 Fitzgerald Hs.	29-5S-3E	2980; PB 2540	Cypress	2529	38	6-12-51

A/ Oil and water

B/ Producing from 2 pays

TABLE II C - DISCOVERY WELLS OF ADDITIONAL PRODUCING ZONES IN POOLS

LINE NUMBER	POOL	COUNTY	COMPANY and FARM	LOCATION	TOTAL DEPTH (FEET)	PRODUCING FORMATION	DEPTH TO TOP (FEET)	INITIAL PRODUCTION (BBL) A/	DATE OF COMPLETION
1	Bellmont	Wabash	G. Ellison #1 Fisher Hrs.	36-1S-14W	2925; PB 2661	Bethel	2650	24; 7	7-3-51
2	Bone Gap	Edwards	Gallagher #1 L. G. Smith	18-1S-14W	3193; PB 2315	Waltersburg	2310	50	8-21-51
3	Cottonwood North	Gallatin	S. B. Griffith #1 Hale	21-7S-9E	3056	McClosky	2984	33	12-31-51
4	Ellery West	Wayne	Skiles #1 E. O'Daniel	26-2S-9E	3238	Aux Vases	3230	50 B/	4-24-51
5	Ellery West	Wayne	III. Mid-Continent #1 Jones-Kendall	23-2S-9E	3395; PB 3118	Bethel	3109	108; 8	1-30-51
6	Epworth	White	George & Wrather #1 Hanna	32-5S-10E	3067; PB 1866	Pennsylvanian	1847	49; 4	6-26-51
7	Frogtown North	Clinton	E. J. Goldschmidt #1 Jaske Comm.	1-2N-4W	2280	Silurian	2264	440; 50	4-17-51
8	Gosset	White	H. Atha #1 Rabe Shaw	17-7S-8E	2973	Aux Vases	2955	20	6-12-51
9	Gosset	White	H. Atha #1 M. Delap	8-7S-8E	2644	Cypress	2625	35	6-12-51
10	Half Moon	Wayne	Collins Bros. #2 Mabee "B"	28-1S-9E	3310; PB 3212	Aux Vases	3190	9; 24	11-20-51
11	Herald	White	A. J. Slagter #1 S. Bayley	2-7S-9E	700	Pennsylvanian	694	1,600,000 cu. ft.	10-30-51
12	Irvington	Washington	Hockman #1 Riechman	25-1S-1W	1540	Barlow	1525	41 B/	8-28-51
13	Keensburg South	Wabash	White & Vickery #1 Garst	27-2S-13W	2416	Cypress	2404	360	4-24-51
14	Langewisch-Kuester	Marion	W. C. Wellman #1 Langewisch	4-1N-1E	924	Pennsylvanian	798	2; 6	11-6-51
15	Locus Grove	Wayne	J. W. Rudy #1 Denny-Bunting	32-1N-9E	3229	Aux Vases	3218	54	4-3-51
16	Long Branch	Saline	Cullum & Lawhead #1 J. J. Ellis	20-7S-6E	2766	Cypress	2749	80	9-4-51
17	Louden	Fayette	Carter #1-G J. Drees	22-8N-3E	1107	Tar Springs	1103	200,000 cu. ft.	10-30-51
18	Mason	Effingham	H. Luttrell #2 C. J. Moritz	23-6N-5E	2304	Bethel	2296	60	8-21-51
19	Mason North	Effingham	Texas #4 E. Tonn	9-6N-5E	2551; PB 2361	Aux Vases	2357	50; 75 B/	12-11-51
20	Mason North	Effingham	Texas #2 R. Sinnickson	10-6N-5E	2504; PB 2269	Bethel	2247	100; 30	10-2-51
21	New Harmony South	White	W. C. McBride #1 Truscott	28-5S-14W	3123; PB 2676	Cypress	2688	14; 90	12-11-51
22	Orchardville	Wayne	Collins Bros. #1 Rutherford Hrs.	29-1N-5E	2808	Aux Vases	2794	29; 20	3-27-51
23	Raccoon Lake	Marion	Texas #10 C. Langenfeld	3-1N-1E	3385	Silurian	3223	109; 101	10-23-51
24	Sumpter	White	Kingwood #1 R. J. Winter	25-4S-9E	3325; PB 2669	Hardinsburg	2655	7; 20	9-18-51

A/ Oil and Water

B/ Producing from 2 pays

TABLE II D - SELECTED LIST OF DRY TESTS

LINE NUMBER	POOL	COUNTY	COMPANY and FARM	LOCATION	TOTAL DEPTH (FEET)	DEEPEST FORMATION	DEPTH TO TOP (FEET)	DATE OF COMPLETION
1		Adams	W. L. King #1 King	6-2N-6W	1030	St. Peter	1026	6-19-51
2		Bond	J. W. Everhart #1 Thomason	18-4N-2W	2558	Silurian	2509	9-18-51
3		Bond	B. Kidd #1 Nash	15-6N-4W	2768	Trenton	2712	5-8-51
4	Iola Consol.	Clay	H. L. Cooper et al #1 C. Pilcher	16-5N-5E	4227	Devonian	3972	4-24-51
5	Carlyle North	Clinton	H. L. Browning #1 P. P. Hughes "D"	23-3N-3W	2558	Devonian	2482	9-18-51
6	Posey	Clinton	J. W. Everhart & Ashland #1 Twenhoevel	17-1N-2W	2729	Silurian	2697	7-10-51
7	Frogtown	Clinton	D. Hopkins #1 Niemeyer	12-2N-4W	3290	Trenton	3205	11-13-51
8		Clinton	Columbus Exploration #1 J. C. Twiss	23-2N-5W	3029	Trenton	2938	6-12-51
9		Clinton	E. J. Goldschmidt #1 Rakers	18-2N-4W	3120	Trenton	3014	6-19-51
10	Siggins	Cumberland	L. Fikes #5 Cochonour	25-10N-10E	2092	Devonian	2044	10-23-51
11		DeWitt	Watkins Drilling #1 H. E. Lippert	1-19N-1E	2400	Trenton	2292	6-12-51
12		Effingham	P. N. Wiggins #1 H. Macklin	8-6N-6E	5000	Silurian	4533	6-5-51
13		Effingham	P. N. Wiggins #1 H. Genaut	18-7N-6E	5000	Maquoketa	4668	4-3-51
14		Fayette	C. J. Simpson & Pure #1 C. Wade	4-4N-1W	2956	Devonian	2769	8-28-51
15		Fayette	F. Strickland #1 W. Hall	28-5N-1E	3097	Devonian	3020	7-24-51
16		Greene	R. V. Henderson #1 M. C. Kirback	17-10N-10W	1264	Trenton	1173	10-30-51
17		Logan	Rocky Ford Limestone Co. #1 Fee	8-19N-3W	1956	Trenton	1746	4-3-51
18		Logan	James McCue #1 R. A. Christison	1-18N-1W	2334	Trenton	2199	6-12-51
19		Madison	H. F. Robison #1 W. Beste	11-3N-7W	2297	Trenton	2247	12-11-51
20		Madison	G. L. Reason #1 F. Hess	27-4N-6W	2575	Trenton	2481	2-27-51
21		Madison	Dale Hopkins #1 R. M. Winet	29-4N-5W	2764	Trenton	2680	12-4-51
22	Fairman	Marion	Nat'l. Assoc. Pet. #1 F. Lutz "A"	18-3N-1E	2947	Devonian	2873	2-27-51
23		Monroe	A. R. Venuto #1 T. Krestner	20-2S-9W	1750	St. Peter	1500	7-31-51
24		Montgomery	Calvert Drlg. #1 Hopkins	24-9N-5W	2610	Trenton	2501	4-10-51
25		Montgomery	Phillips #1 Brohammer "A"	20-7N-2W	3800	St. Peter	3760	10-30-51
26	Panama	Montgomery	Columbus Exploration #1 Hampton	19-7N-3W	2184	Silurian	2174	10-9-51
27	Raymond	Montgomery	Calvert Drlg. #1 C. Kurfiss	18-10N-4W	2049	Devonian	1891	5-22-51
28		Pulaski	Cache Oil #1 G. Moses	17-16S-1W	2956	Gunter	2950	11-20-51
29		Schuylerville	John E. Carson #1 Hedgecock	5-3N-4W	975	St. Peter	958	2-27-51
30	Mt. Carmel	Wabash	Indiana Farm Bureau #2-A Zimmerman	10-1S-12W	4237	Devonian	3907	11-6-51
31	Beaucoup South	Washington	E. A. Obering #1 McWilliams	33-2S-2W	3122	Devonian	2995	12-31-51
32	Dubois	Washington	T. S. Doran #1 F. Kasban	13-3S-2W	3030	Devonian	2955	5-8-51
33		Washington	T. S. Doran #1 Schnitker	15-2S-1W	3336	Devonian	3227	10-16-51
34		Whiteside	E. L. Wirth #1 Guild	27-19N-4E	1178	St. Peter	1063	12-31-51

TABLE III - ILLINOIS COMPLETIONS AND PRODUCTION SINCE JANUARY 1, 1936

PERIOD OF TIME	NUMBER OF COMPLETIONS A/	NUMBER OF PRODUCING WELLS	PRODUCTION (M BBL)		
			NEW FIELDS B/	OLD FIELDS B,C/	TOTAL D/
1936	93	52			4,445
1937	449	292	2,884	4,452	7,426
1938	2,536	2,010	19,771	4,304	24,075
1939	3,617	2,970	90,908	4,004	94,912
1940	3,755	3,080	142,969	4,678	147,647
1941	3,807	2,925	128,993	5,145	134,138
1942	2,017	1,179	101,837	4,753	106,590
1943	1,791	1,090(20)E/	77,581	4,675	82,256
1944	1,991	1,229(12)	72,946	4,467	77,413
1945	1,763	1,094(15)	70,839	4,371	75,210
1946	2,362	1,387(17)	70,174	5,123	75,297
1947	2,046	1,102(22)	61,455	5,004	66,459
1948	2,489	1,316(21)	59,623	5,185	64,808
1949	2,741	1,447(32)	58,571	5,930	64,501
1950	2,894	1,328(23)	55,794	6,234	62,028
1951					
January	172	86	4,706	520	5,226
February	132	75(2)	3,989	439	4,428
March	96	35(1)	4,624	521	5,145
April	137	59(1)	4,495	501	4,996
May	222	75(1)	4,716	541	5,257
June	232	79(6)	4,382	511	4,893
July	281	102(5)	4,613	527	5,140
August	250	101(1)	4,628	539	5,167
September	242	93(4)	4,347	492	4,839
October	229	99(1)	4,721	542	5,263
November	188	66	4,478	493	4,971
December	202	77(1)	4,448	471	4,919
	2,383	947(23)	54,147	6,097	60,244

A/ Includes only oil and gas producers and dry holes.

B/ Production figures based on information furnished by oil companies and pipe line companies.

C/ Includes Devonian production at Sandoval and Bartelso.

D/ From the U. S. Bureau of Mines, except for 1951, which is from Illinois Basin Scout Association monthly reports.

E/ Figures in parentheses refer to number of producing wells included in total which had previously been completed as dry holes.

TABLE IV A - WILDCAT WELLS DRILLED IN ILLINOIS IN 1951

WILDCAT NEAR A/			WILDCAT FAR B/			TOTAL WILDCATS	TOTAL PRODUCERS	PERCENTAGE SUCCESSFUL
TOTAL	PRODUCERS	PERCENTAGE SUCCESSFUL	TOTAL	PRODUCERS	PERCENTAGE SUCCESSFUL			
509	78	15.3	330	16	4.8	839	94	11.2

A/ From $\frac{1}{2}$ to two miles from production.

B/ More than two miles from production.

TABLE IV B - WILDCAT FAR WELLS CLASSIFIED BY METHOD OF LOCATION

49

Method of Location	Total	Producers		Percentage Successful
Geology	264	14		5.3
Geophysics	18	2		11.1
Geology and Geophysics	13	0		0
Non-scientific	35	0		0
Total	330	16		4.8

TABLE V - SUMMARY OF DRILLING AND INITIAL PRODUCTION ^{1/}

County	Total Completions	Number of Wells Drilled in 1951					Oil in Bbl.	Total Initial Production Gas in Millions of Cu Ft	Footage Drilled in 1951 Producing Wells			
		Total Producing		In Pools	Total Dry Holes	Wildcat Near 2/						
		Oil	Gas									
Adams	2	0	0	0	0	2	0	0	1,712 0			
Bond	39	4	0	7	11	17	50	0	57,121 4,304			
Bureau	1	0	0	0	0	1	0	0	1,257 0			
Christian	27	10	0	1	3	13	706	0	64,801 21,933			
Clark	57	26	0	16	7	8	516	0	65,326 27,787			
Clay	150	61	0	43	39	7	7,598	0	443,056 174,666			
Clinton	120	41	0	23	38	18	5,126	0	227,356 75,367			
Coles	19	4	0	3	1	11	35	0	18,486 2,969			
Crawford	56	30	0	20	3	3	128	0	59,423 28,558			
Cumberland	16	3	0	9	1	3	12	0	15,636 1,608			
DeWitt	2	0	0	0	0	2	0	0	3,983 0			
Douglas	4	0	0	0	0	4	0	0	2,676 0			
Edgar	34	4	2	4	6	18	38	1,470	27,014 3,035			
Edwards	103	39	0	36	25	3	3,189	0	308,759 110,977			
Effingham	48	20	0	16	7	5	1,107	0	119,334 42,822			
Fayette	80	24	3	19	10	24	1,017	0.786	138,718 40,282			
Franklin	32	7	0	9	13	3	421	0	97,623 18,658			
Gallatin	78	31	1	19	20	7	1,606	5,600	201,689 76,060			
Greene	1	0	0	0	0	1	0	0	1,264 0			
Hamilton	240	112	0	80	33	15	16,910	0	789,772 358,830			
Iroquois	1	0	0	0	0	1	0	0	534 0			
Jasper	32	9	0	12	8	3	876	0	89,319 24,871			
Jefferson	52	11	0	16	13	12	681	0	139,619 28,317			
Lawrence	75	26	0	33	11	5	428	0	138,137 38,295			
Logan	3	0	0	0	0	3	0	0	5,800 0			
McDonough	3	0	0	1	0	2	0	0	1,675 0			
Macon	6	0	0	0	0	6	0	0	13,708 0			
Macoupin	11	0	0	1	1	9	0	0	7,376 0			
Madison	75	17	1	25	16	16	212	4,500	63,599 13,448			
Marion	37	5	0	10	10	12	274	0	85,479 10,743			
Monroe	1	0	0	0	0	1	0	0	1,750 0			
Montgomery	20	2	0	3	4	11	55	0	28,081 1,327			
Morgan	1	0	0	1	0	0	0	0	300 0			
Moultrie	3	0	0	0	0	3	0	0	8,305 0			
Perry	9	0	0	1	3	5	0	0	18,312 0			
Piatt	1	0	0	0	0	1	0	0	1,352 0			
Pope	1	0	0	0	0	1	0	0	1,690 0			
Pulaski	1	0	0	0	0	1	0	0	2,956 0			
Randolph	1	0	0	0	0	1	0	0	739 0			
Richland	162	59	0	57	40	6	7,576	0	496,431 171,014			
St. Clair	3	1	0	0	0	2	25	0	2,292 668			
Saline	18	3	0	6	5	4	88	0	51,132 8,655			
Sangamon	4	0	0	0	1	3	0	0	6,957 0			
Schuyler	2	0	0	0	0	2	0	0	1,415 0			
Shelby	12	0	0	0	1	11	0	0	26,479 0			
Vermilion	2	0	0	0	0	2	0	0	2,927 0			
Wabash	133	59	0	63	11	0	3,431	0	321,958 139,145			
Washington	47	18	0	12	3	14	687	0	95,143 30,265			
Wayne	236	114	0	71	46	5	8,447	0	769,156 361,340			
White	320	176	1	97	41	5	11,984	1,600	910,980 470,628			
Whiteside	1	0	0	0	0	1	0	0	1,178 0			
Williamson	1	0	0	0	0	1	0	0	1,738 0			
	2,383	916	8	714	431	314	73,223	13,956	5,941,523 2,286,572			

^{1/} Does not include input wells, salt-water disposal wells, or old wells worked over.^{2/} Wells drilled between one-half mile and two miles from production.^{3/} Wells drilled more than two miles from production.

TABLE VII - FIELDS WITH WELLS PRODUCING FROM MORE THAN ONE FORMATION

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations ^a
Ab Lake	Gallatin	1	1 ReA
Aden Consolidated	Wayne, Hamilton	33	2 AL, 3 ALM, 27 AM, 1 MS
Aden South	Hamilton	8	2 AR, 1 AM, 1 LM, 4 RM
Akin West	Franklin	1	1 LR
Albion Consolidated	Edwards, White	47	3 MaBr, 2 BrBi, 1 BrBiB, 1 BrDA, 1 BrA, 9 BiW, 1 BiWRe, 1 BiWReA, 1 BiWTM, 1 WCReA, 1 WCB, 1 WReA, 1 WReAM, 1 WBRe, 1 WM, 2 TC, 1 CA, 1 CAM, 1BReA, 13 BA, 1 BM, 1 ALM, 1 LM
Albion East	Edwards	2	1 LM, 1 RM
Barnhill	Wayne	2	1 LM, 1 AM
Belle Prairie	Hamilton	1	1 AM
Bennington	Edwards, Wayne	1	1 AM
Benton North	Franklin	4	1 PA, 2 LM, 1 RM
Bible Grove North	Effingham	1	1 CM
Bone Gap South	Edwards	2	1 LM, 1 RM
Boyd	Jefferson	38	36 BA, 2 BAL
Browns	Edwards, Wabash	11	1 CBM, 7 CM, 2 CB, 1 TM
Browns South	Edwards	1	1 BA
Bungay Consolidated	Hamilton	13	7 ReA, 1 ReM, 4 AM, 1 ALM
Calhoun Consolidated	Richland, Wayne	10	8 RM, 2 LM
Calhoun North	Richland	1	1 RM
Cantrell South	Hamilton	1	1 AL
Carmi North	White	1	1 CA
Centerville East	White	14	9 TC, 1 TCM, 1 TLM, 1 TB, 1 CB, 1 BA
Centralia	Clinton, Marion	9	9 CB
Clay City Consolidated	Clay, Wayne, Richland, Jasper	221	1 CA, 1 CAM, 1 CLM, 1 CR, 14 CM, 1 BM, 9 AL, 2 ALR, 4 ALRM, 3 ALM, 6 AR, 18 ARM, 74 AM, 6 LR, 6 LRM, 27 LM, 47 RM
Clay City North	Clay	1	1 RM
Clay City West	Clay	1	1 AM
Coil West	Jefferson	4	1 AL, 2 ALM, 1 LRM
Concord	White	20	1 TCA, 1 TA, 1 TM, 1 CAM, 1 ReALM, 1 ReLM, 2 ALM, 1 LM, 11 AM
Concord Central	White	1	1 CAM
Concord North	White	1	1 AM
Dale Consolidated	Hamilton	211	1 THA, 6 TC, 2 TCBA, 3 TCA, 3 TA, 2 HC, 1 HCB, 3 HCBA, 2 HBA, 1 CP, 2 CPAL, 1 CPL, 1 CB, 7 CBA, 3 CA, 1 CAL, 3 CL, 2 CBAM, 1 CAM, 1 CM, 8 PA, 3 PAL, 1 PLRM, 78 BA, 20 AL, 1 ALR, 18 ALM, 1 LR, 10 LM, 22 AM, 1 AR, 2 RM
Divide	Jefferson	1	1 LM
Divide West	Jefferson	10	5 LM, 1 LRM, 4 RM
Dubois West	Jefferson	1	1 CB
Dundas East	Richland, Jasper	1	1 RM
Ellery	Edwards, Wayne	1	1 AM
Ellery West	Wayne	4	4 AL
Exchange	Marion	1	1 LM
Fairfield	Wayne	6	4 TC, 2 CA
Flora	Clay	4	4 BM
Goldengate Consolidated	Wayne, White	34	1 AR, 3 ARM, 8 AM, 3 LR, 5 LRM, 4 LM, 10 RM
Goldengate North	Wayne	2	2 LR
Goldengate West	Wayne	1	1 AL
Herald	White, Gallatin	5	1 PePA, 1 WT, 2 AM, 1 LM
Inman East Consolidated	Gallatin	31	1 DCI, 1 DWC, 2 C1T, 1 C1PaWT, 1 PaT, 1 PaWC, 2 WT, 3 WC, 2 WTC, 6 TC, 10 HC, 1 AM
Inman West Consolidated	Gallatin	25	1 PaT, 2 TH, 11 TC, 1 THC, 1 TReA, 1 TL, 4 HC, 2 CA, 1 CM, 1 LM
Iola Consolidated	Clay, Effingham	50	1 CB, 14 CBA, 1 CPBA, 1 BReA, 25 BA, 2 BAR, 1 BAM, 2 AM, 3 RM
Iron	White	2	1 AM, 1 LR
Irvington	White	7	7 CB

TABLE VII - FIELDS WITH WELLS PRODUCING FROM MORE THAN ONE FORMATION

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations ^{a/}
Johnsonville Consolidated	Wayne	68	1 AL, 9 ALM, 44 AM, 14 LM
Johnsonville North	Wayne	1	1 LM
Keenville	Wayne	1	1 LM
Kenner West	Clay	14	12 CB, 1 CM, 1 BM
King	Jefferson	8	6 AL, 1 AR, 1 ALRM
Lancaster	Wabash, Lawrence	1	1 PB
Lancaster Central	Wabash	1	1 LR
Locust Grove	Wayne	1	1 LM
Louden	Fayette, Effingham	652	220 CP, 188 CPB, 15 CPA, 11 CPBA, 49 PB, 2 PA, 147 CB, 10 CBA, 2 CA, 8 BA 11 AM
Markham City West	Jefferson	11	84 CR, 4 CA, 5 AR
Mattoon	Coles	93	1 LM, 1 RM
Maurie North	White	2	6 PaT, 1 TC, 1 CA
Maurie South	White	8	2 BA, 2 AM
Miletus	Marion	4	1 AR, 3 AM, 1 LR, 1 LM
Mill Shoals	White, Hamilton, Wayne	6	1 LM
Mitchell	Edwards, Wayne	1	3 PeC, 1 BiW, 2 BiTC, 6 BiC, 3 BiCM, 2 BiB, 1 BiL, 3 JC, 5 TC, 1 TB, 1 TM, 6 CM, 1 LR, 1 LRM, 2 LM, 2 RM
Mt. Carmel	Wabash	40	1 JmBA, 2 BiPa, 2 BiPaC, 1 BiPaCM, 1 BiCl, 4 BiC, 1 BiB, 4 DA, 2 CiCB, 3 WT, 4 WTC, 1 WTCB, 1 WTCBA, 14 WC, 11 WCB, 11 WCB, 1 WCBAL, 2 WCA, 1 WCAL, 1 WCAL, 1 WCM, 2 WBA, 1 WA, 1 WAM, 1 WM, 7 TC, 1 TCP, 1 TCPB, 1 TCB, 4 TCBA, 1 TCAL, 1 TCAM, 6 TCA, 3 TCM, 1 TB, 2 TA, 2 TM, 4 CP, 6 CBP, 5 CPA, 1 CPAL, 85 CB, 71 CBA, 1 CBAL, 2 CBAM, 1 CBL, 3 CBM, 18 CA, 1 CAM, 2 CL, 2 CM, 7 PB, 6 PA, 1 PAR, 18 BA, 2 BAM, 1 BRM, 1 BM, 1 AL, 1 ALM, 6 AM, 1 LM 2 DPA
New Harmony Consolidated	White, Wabash, Edwards	351	1 CA, 1 TCM 3 PaT 1 CA 1 CB, 5 CM, 1 LM, 3 RM 1 RM 1 PeCl, 2 PePa, 4 PeB, 1 BiC, 2 DC1, 1 DC1T, 5 DT, 1 DM, 1 DA, 4 CIT, 1 PaC, 1 TB, 2 TA, 1 CB, 2 PA, 1 PAM, 5 BA, 1 BAM, 1 BL, 1 AM, 2 LM, 1 RM 2 CM, 1 LRM, 8 RM 2 RM, 1 LR 2 BR 2 PeW 1 PeB, 3 WHA, 3 WC, 1 WCPA, 1 WCBA, 2 WP, 1 WPA, 4 WB, 9 WA, 13 CB, 1 CBA, 4 CA, 1 CS, 4 BA, 1 BM, 2 AL, 1 AR, 3 LRM 2 TC, 7 CBM, 1 CR, 1 CRM, 11 CM, 1 BM, 1 AC 650 BReA, 1 BAM, 10 BM, 1 BS, 1 BDe, 46 ReA, 1 AM, 13 AS, 3 RM, 288 MS, 12 MSt, 1 StS, 3 SDe, 98 DeTr 3 AM 1 RM 2 TC, 1 TP, 1 TB, 1 HR, 3 CP, 1 CLR, 3 CB, 3 CA, 2 PA, 1 PL, 1 PLR, 2 LR 2 WT, 1 WA 4 AM 5 BA, 1 BM, 1 AM, 2 RM 1 AR 1 AL, 1 LR, 7 LM, 1 LRM 1 HC, 1 MSt
New Harmony South (Ind.)	White	2	
New Haven Consolidated	White	2	
Omaha	Gallatin	3	
Omaha West	Saline	1	
Parkersburg Consolidated	Richland, Edwards	10	
Passport	Clay	1	
Phillipstown Consolidated	White, Edwards	41	
Raccoon Lake	Marion	11	
Roaches	Jefferson	3	
Roaches North	Jefferson	2	
Rochester	Wabash	2	
Roland	White, Gallatin	55	
Sailor Springs Consolidated	Clay, Effingham	24	
Salem	Marion	1128	
Sesser	Franklin	3	
Stanford	Clay	1	
Stokes-Brownsville	White	21	
Storms	White	3	
Thackeray	Hamilton	4	
Tonti	Marion	9	
Trumbull	White	1	
West Frankfort	Franklin	10	
Whittington	Franklin	2	

TABLE VII - FIELDS WITH WELLS PRODUCING FROM MORE THAN ONE FORMATION

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations a/
Whittington West	Franklin	5	4 AL, 1 AM
Williams	Jefferson	9	9 BA
Woodlawn	Jefferson	18	5 CB, 1 CBA, 12 BA
Zenith North	Wayne	1	1 RM
Zenith South	Wayne	1	1 LM
		<hr/>	
		3,484	

a/ Names of sands are indicated as follows:

Pe, Pennsylvanian	D, Degonia	C, Cypress	R, Rosiclare
Ma, Mansfield	Cl, Clore	P, Paint Creek	M, McClosky
Jm, Jamestown	W, Waltersburg	B, Bethel	St, St. Louis
Br, Bridgeport	T, Tar Springs	Re, Renault	S, Salem
Bi, Biehl	G, Glen Dean	A, Aux Vases	De, Devonian
J, Jordan	H, Hardinsburg	L, Lower Ohara	Tr, Trenton
Pa, Palestine	Ja, Jackson		

TABLE VI - NUMBER OF GEOPHYSICAL CREWS ACTIVE IN ILLINOIS
DURING 1951 BY MONTHS

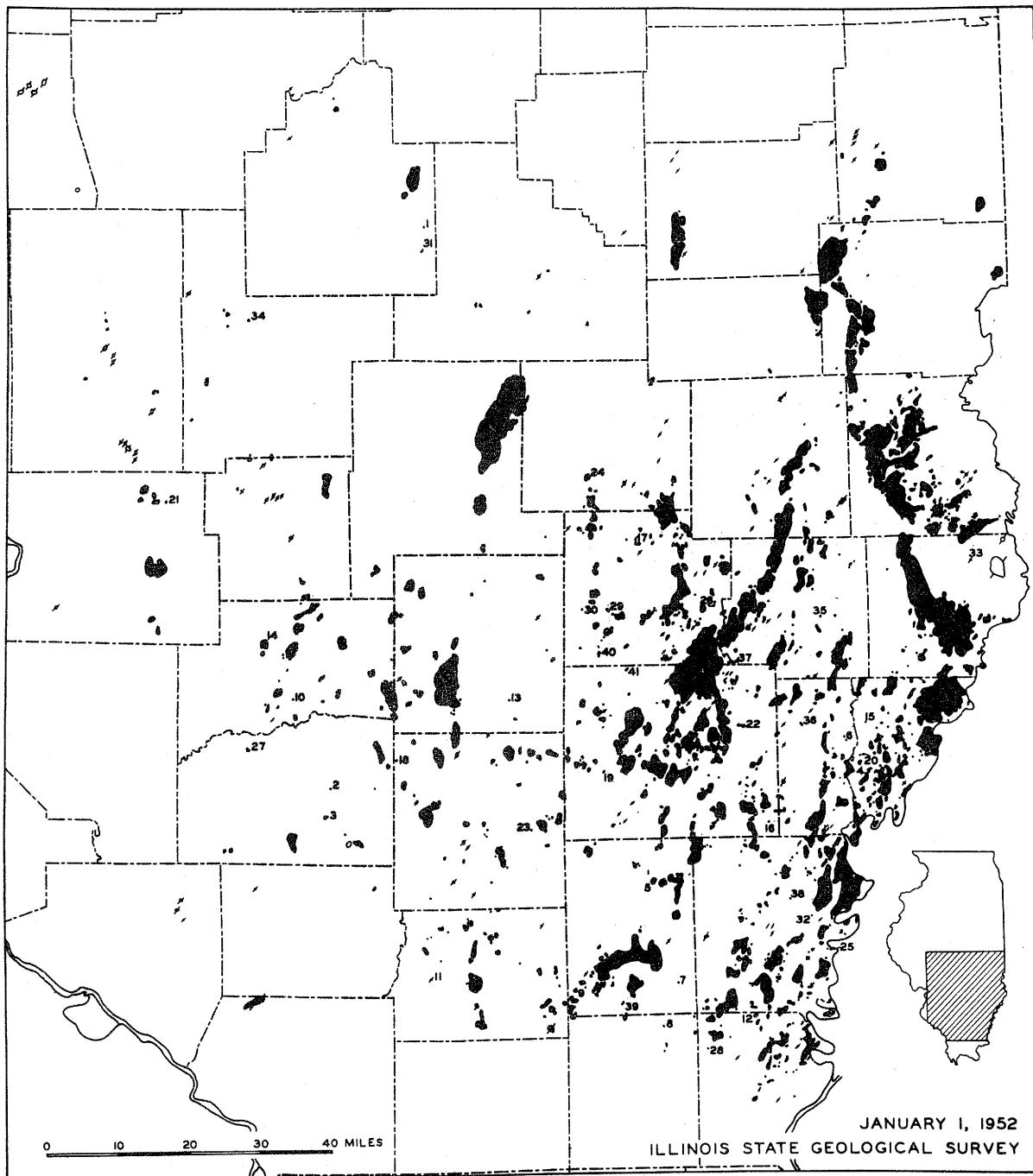


FIG. 1 - OIL AND GAS FIELDS OF ILLINOIS. NUMBERS INDICATE 1951 DISCOVERIES.

1. Assumption South
2. Beau coup
3. Beau coup South
4. Bellmont
5. Blairsville West
6. Bone Gap East
7. Broughton
8. Broughton South
9. Cantrell North
10. Carlyle South
11. Christopher
12. Cottonwood North
13. Exchange North
14. Frogtown North
15. Gards Point
16. Goldengate East
17. Hord South
18. Irvington East
19. Keenville East
20. Lexington North
21. Livingston East
22. Locust Grove
23. Lynchburg
24. Mason North
25. Maunie East
26. Noble West
27. Okawville
28. Omaha South
29. Oskaloosa East
30. Oskaloosa South
31. Pana
32. Phillipstown South
33. Pinkstaff
34. Raymond East
35. Ritter North
36. Samsville West
37. Schnell South
38. Sumpter East
39. Walpole South
40. Xenia East
41. Zenith North

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

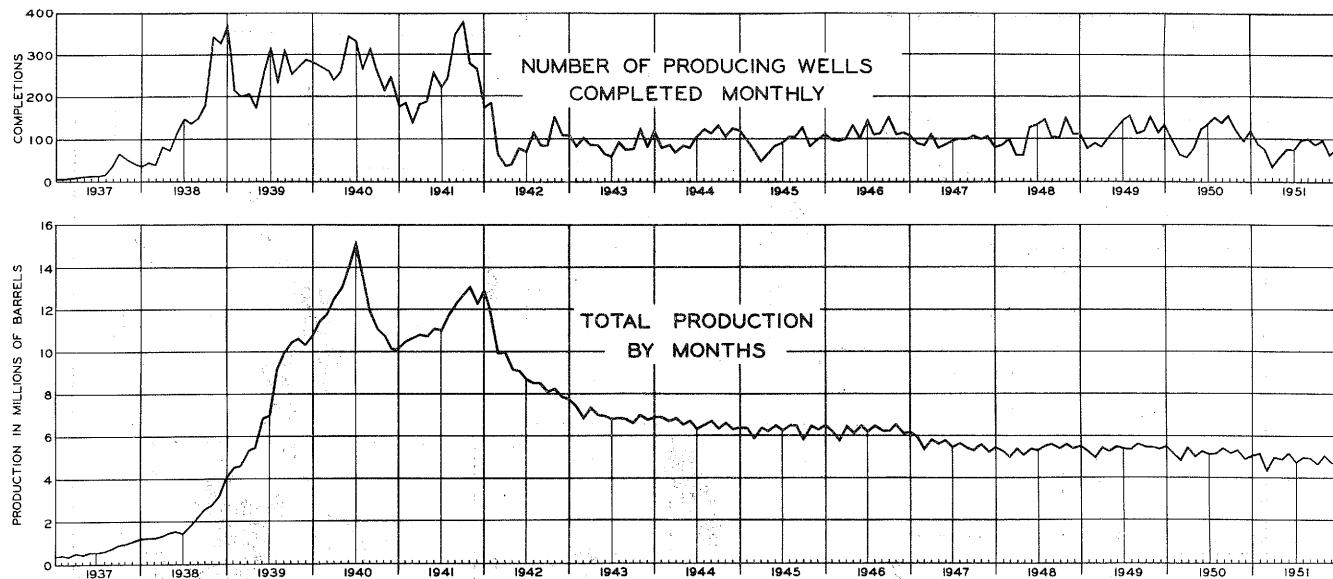


FIG. 2 - NUMBER OF PRODUCING WELLS AND OIL PRODUCTION IN ILLINOIS, 1937 TO 1951

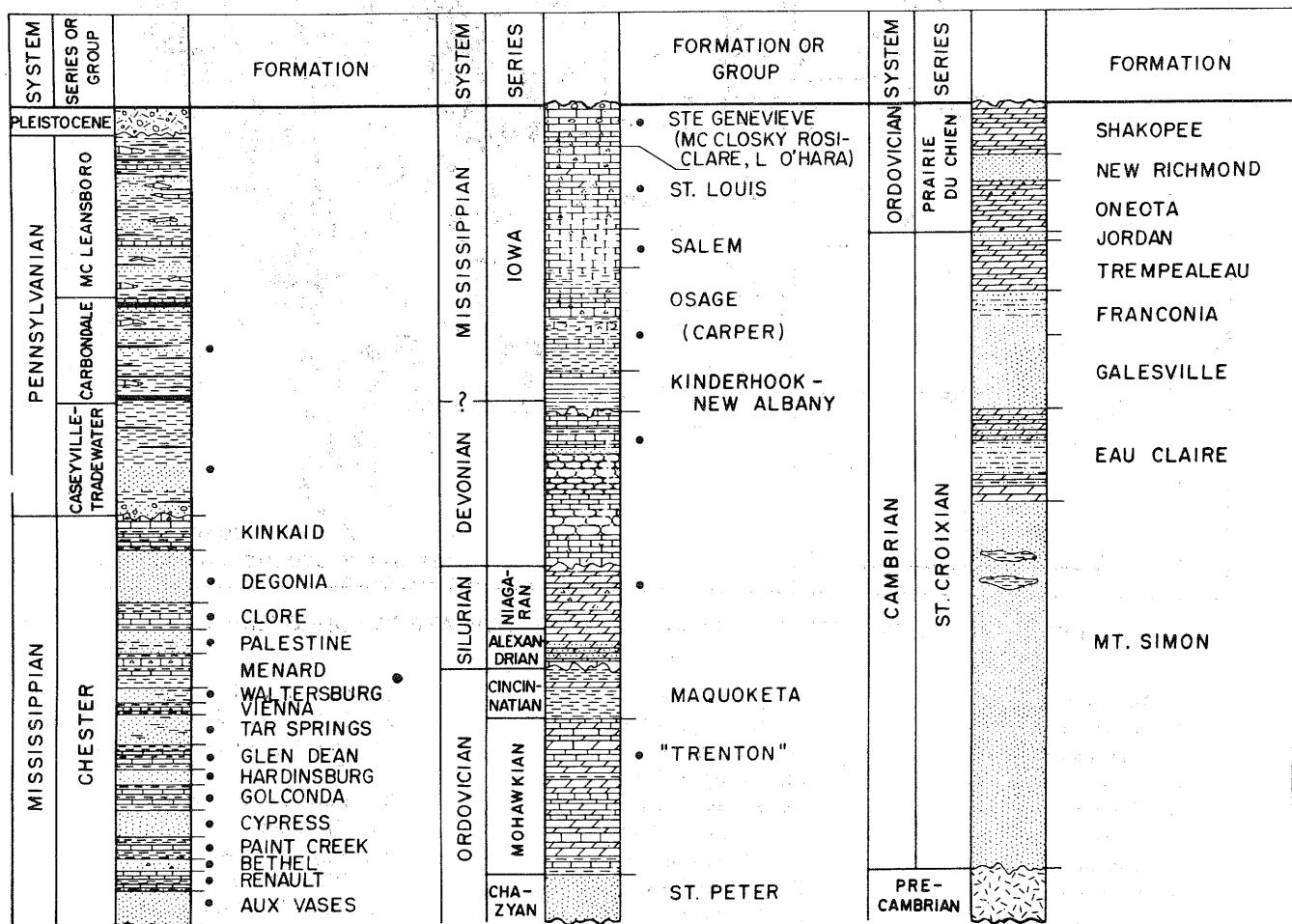


FIG. 3 - GEOLOGIC COLUMN FOR SOUTHERN ILLINOIS SHOWING OIL PRODUCING STRATA (*)