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Oil and Gas Development in Illinois in 1947

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PRODUCTION AND DRILLING

IN 1947, Illinois produced 66,459,000 bbl of oil, or 3.6 pct of the total for the United States, and ranked sixth in the nation for the fifth consecutive year. Production decreased about 12 pct from that of 1946, when the total Illinois production was 75,297,000 bbl. Daily average production by months was as follows:

Month	Barrels	Month	Barrels
January	193,000	July	180,000
February	189,000	August	175,000
March	186,000	September	179,000
April	186,000	October	181,000
May	182,000	November	175,000
June	178,000	December	180,000

During the year, 2046 wells were drilled for oil or gas as compared with 2362 in 1946, a decrease of about 13 pct. The number of completions, however, was larger than for any year since 1941 except 1946. Of the 2046 wells drilled, 1071 were oil wells, 9 were gas wells, and 966 were dry holes. Producing wells made up 53 pct of the wells completed, as compared with 58 pct producing wells in 1946. This decrease is entirely due to a decrease in the percentage of successful completions in pools, since that percentage dropped from 74 pct in 1946 to 66 pct in 1947, while the percentage of successful wildcat wells increased from 14 pct in 1946 to 18 pct in 1947.

Data on production and drilling by fields are given in Table 1, on annual production and drilling for Illinois in Table 3, and on drilling in 1947 by counties in Table 5.

DISCOVERIES

Twenty-eight oil fields (Table 2A), 69

extensions to oil fields, and 67 new producing zones in fields (Table 2C) were discovered in 20 counties in Illinois in 1947. Of the 28 new pools, two were abandoned during the year. The new fields having the largest number of producing wells at the end of 1947 were Herald East, Kenner North, and Kenner West with 24 wells, 23 wells, and 21 wells respectively. In all, 147 oil wells and 1 gas well were producing in the 28 new fields at the end of the year as compared with 93 wells producing at the end of 1946 from 31 new fields discovered during that year. Initial production of discovery wells of new pools ranged from 4 to 498 bbl of oil with an average of 115 bbl of oil and 35 bbl of salt water, an increase over the 1946 average of 94 bbl of oil and 11 bbl of salt water.

In fields discovered since 1936 the total number of wells producing at the end of 1947 was 14,870.

EXPLORATORY DRILLING

Of the total number of wells drilled during 1947, wildcats accounted for 536, or 26 pct (Table 4). Of this number, 97, or 18 pct were successful in obtaining production. Although the number of wildcat wells drilled dropped from 633 in 1946 to 536 in 1947, successful completions showed an increase over the 1946 total of 89, or only 14 pct.

Of the 536 wildcat wells, 314 were drilled less than two miles from production; of these 69, or 22 pct were successful. Of the 222 wildcat wells drilled more than two miles from production, 28, or about 12.6 pct, were successful. Corresponding figures for 1946 were 314 wells drilled less than two miles from production with 58, or 18.5 pct successful, and 319 more than two miles

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from production with 31, or about 10 pct, successful.

In existing pools 59 wells were drilled to test deeper pays. Of this number 13 wells, or 22 pct opened up new pays.

One "Trenton" limestone pool was discovered in 1947. Woburn South in Bond County is the first "Trenton" pool discovered since 1942 and the fourth pool in Illinois to produce from only the "Trenton." Six producing wells had been completed at the end of the year.

drilled in 1947 was 1,315,180 ft of which 232,945 ft, or 17.7 pct, were drilled in successful wells.

Geophysical exploration during the year included use of seismograph, gravimeter, and electrical resistivity instruments. The number of geophysical parties operating throughout the year, by months and methods, is given in Table 6.

DEVELOPMENT

Wells were drilled in 42 counties in Illinois in 1947, five less than 1946, but

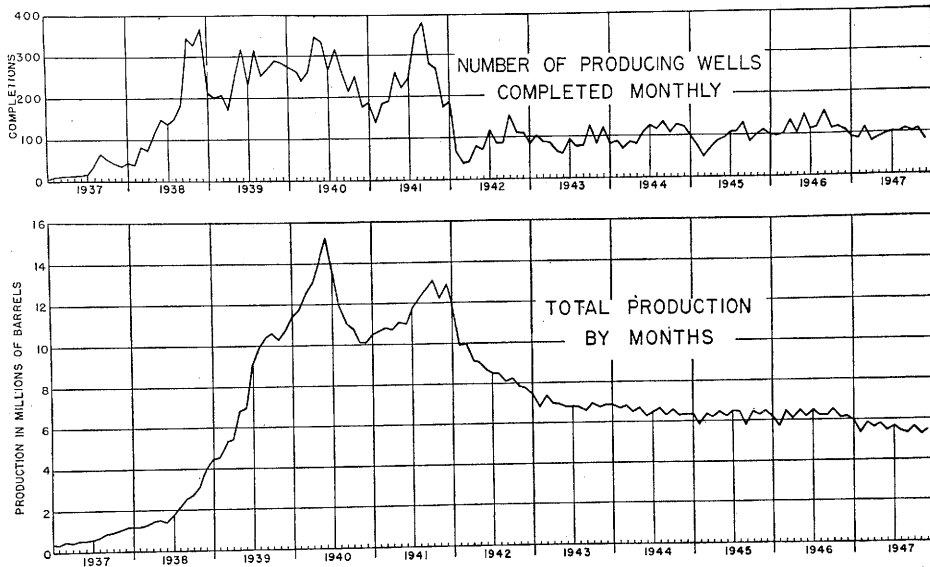


FIG. 1.—NUMBER OF PRODUCING WELLS AND OIL PRODUCTION IN ILLINOIS, 1937 TO 1947

In the Boulder pool in Clinton County an old oil well was deepened unsuccessfully to the "Trenton," and dry Devonian tests were drilled in four Mississippian pools: Bartelso West and Carlyle in Clinton County, Mattoon in Coles County, and Miletus in Marion County.

Deep testing during the year included a wildcat well drilled to the St. Peter sandstone in Hancock County and one drilled to Cambrian strata in Jersey County. At the end of the year a Cambrian test was being drilled in the abandoned Pike County gas pool.

A selected list of dry wildcat wells for 1947 is given in Table 2D.

The total footage of wildcat wells

the same number as in 1945. Eighty-three pct of the wells were concentrated in 15 counties, or in only about one-third of the total number of counties in which there was drilling. Of the 1080 successful wells drilled, 715, or about two-thirds, were concentrated in the following six counties, arranged in order according to the number of producing wells: Wabash, Wayne, White, Clay, Richland, and Hamilton. Coles County, which ranked first in 1946, dropped to fourteenth place in 1947. Clay and White Counties ranked first in number of new pools discovered during the year, with six each. The three pools with the largest number of wells completed at the end of the year were in

the same two counties. The average depth of wells drilled for oil and gas in the state in 1947 was 2570 ft, or about 60 ft deeper than in 1946 and 60 ft shallower than in 1945.

At the beginning of the year drilling was concentrated in Wabash County, with that county averaging 20 to 25 pct of the total number of monthly completions of wells. During the summer two

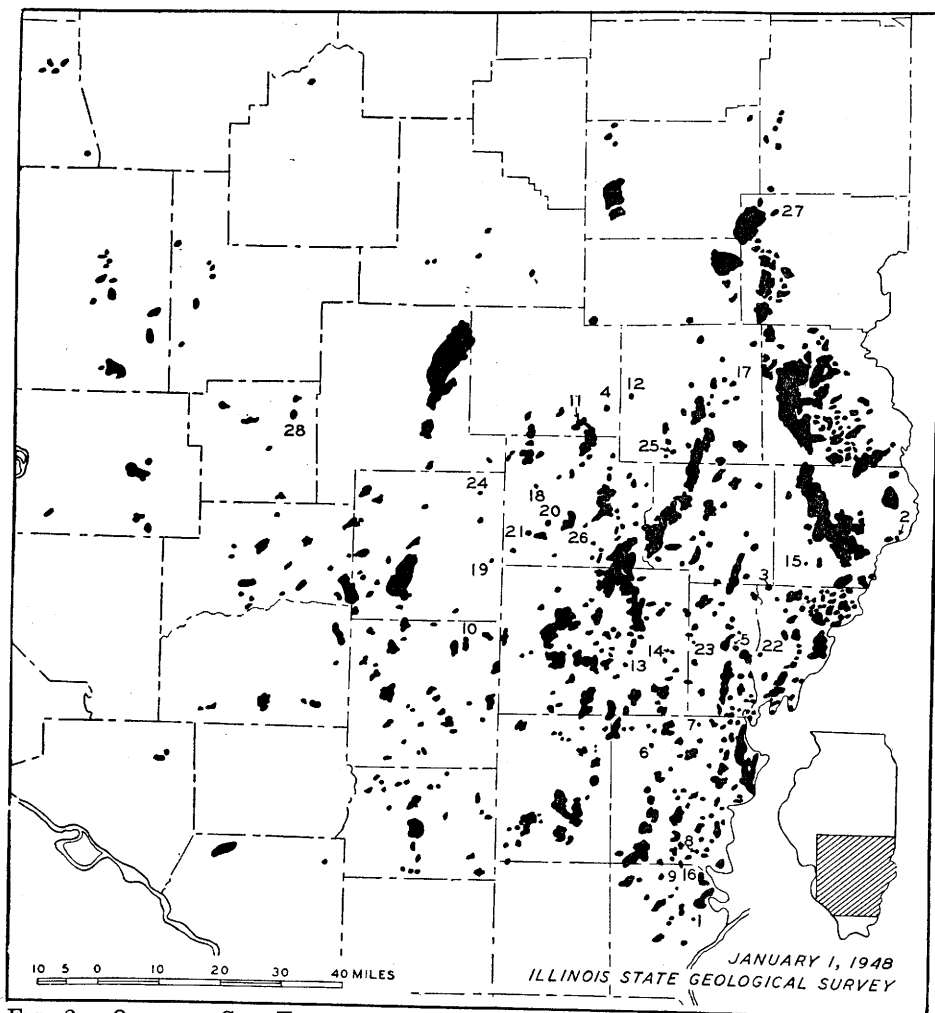


FIG. 2—OIL AND GAS FIELDS OF ILLINOIS. NUMBERS INDICATE 1947 DISCOVERIES

- | | | |
|------------------------|---------------------|---------------------|
| 1. Ab Lake | 10. Divide East | 19. Iuka |
| 2. Beman East | 11. Eberle | 20. Kenner North |
| 3. Berryville | 12. Elliottstown | 21. Kenner West |
| 4. Bible Grove North | 13. Fairfield East | 22. Lexington |
| 5. Bone Gap South | 14. Half Moon | 23. Massilion South |
| 6. Burnt Prairie South | 15. Helena | 24. Miletus |
| 7. Centerville North | 16. Herald East | 25. Newton West |
| 8. Concord Central | 17. Hunt City South | 26. Stanford West |
| 9. Cottonwood | 18. Iola South | 27. Westfield East |
| | | 28. Woburn South |

OIL AND GAS DEVELOPMENT IN ILLINOIS

TABLE 1. — Oil and Gas Production in Illinois

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
1	Warrenton-Borton, <i>Edgar</i> ¹	Unnamed; Pen.	1906	100	30	0	0	0	
2	Westfield, <i>Clark, Coles</i>	Shallow Gas; Pen.	1904	9,075	z	z	z	z	
3		Westfield; MisL		9,025	z	z	z	z	
4		"Trenton"; Ord.		9,000	z	z	z	z	
5				220	z	z	z	z	
6	Siggins, <i>Cumberland, Clark</i>	First Siggins; Pen.	1906	3,685	z	z	0	0	
7		2nd & 3rd Siggins; Pen.		3,190	z	z	0	0	
8		Lower Siggins; Pen.		450	z	z	0	0	
9		York; Pen	1907	960	z	0	0	0	
10	York, <i>Cumberland, Clark</i> ⁴	York; Pen	1906	350	z	z	z	z	
11	Casey, <i>Clark</i>	Upper Gas; Pen.		1,980	z	z	z	z	
12		Lower Gas; Pen.		205	z	z	z	z	
13		Casey; Pen.		400	z	z	z	z	
14			1907	1,540	z	z	z	z	
15	Martinsville, <i>Clark</i>	Shallow; Pen.		865	z	z	z	z	
16		Casey; Pen.		35	z	z	z	z	
17		Martinsville; MisL		310	z	z	z	z	
18		Carper; MisL		710	z	z	z	z	
19		"Niagaran"; Dev.		600	z	z	z	z	
20		"Trenton"; Ord.		640	z	z	z	z	
21				10	z	z	z	z	
22	Johnson North, <i>Clark</i>	Claypool; Pen	1907	1,440	z	z	z	z	
23		Shallow; Pen.		1,115	z	z	z	z	
24		Casey; Pen.		180	z	z	z	z	
25		Upper Partlow; Pen.		825	z	z	z	z	
26		Carper; MisL		215	z	z	z	z	
27				10	z	z	z	0	
28	Johnson South, <i>Clark</i>	Claypool; Pen.	1907	1,800	z	z	z	0	
29		Casey; Pen.		190	z	z	z	0	
30		Upper Partlow; Pen.		295	z	z	z	0	
31		Lower Partlow; Pen.		1,710	z	z	z	0	
32				850	z	z	z	0	
33	Bellair, <i>Crawford, Jasper</i>	"500 ft."; Pen.	1907	1,305	z	z	z	z	
34		"800 ft."; Pen.		z	z	z	z	z	
35		"900 ft."; MisU		z	z	z	z	z	
36				20,500	56,222	795	z	z	
37	Clark County Division ⁵		1906	35,700	z	z	z	0	
38	Main, <i>Crawford</i> ⁶	Shallow; Pen.		340	z	z	z	0	
39		Robinson; Pen.		34,320	z	z	z	0	
40		Oblong; MisL		1,000	z	z	z	0	
41		Salem; MisL		40	z	z	z	0	
42		Dev; Dev		30	z	z	z	0	
43		Robinson; Pen	1909	1,570	z	z	z	0	
44	New Hebron, <i>Crawford</i>	Robinson; Pen	1914	1,560	z	z	z	0	
45	Chapman, <i>Crawford</i>	Robinson; Pen	1907	1,340	z	z	z	0	
46	Parker, <i>Crawford</i>	Robinson; Pen	z	1,100	z	z	z	0	
47	Allison-Weger, <i>Crawford</i>	Robinson; Pen	z	1,925	z	z	z	0	
48	Flatrock, <i>Crawford</i> ⁷	Robinson; Pen	z	4,485	z	z	z	0	
49	Birds, <i>Crawford, Lawrence</i>	Robinson; Pen	z	47,680	155,122	1,278	z	z	
50	Crawford County Division ⁸		1906	26,200	z	z	z	0	
51	Lawrence, <i>Lawrence, Crawford</i>	Pennsylvanian; Pen		85	z	z	z	0	
52		Bridgeport; Pen		5,050	z	z	z	0	
53		Buchanan; Pen		2,250	z	z	z	0	
54		"Gas"; MisU		1,440	z	z	z	0	
55		Jackson; MisU		10	z	z	z	0	
56		Kirkwood; MisU		16,200	z	z	z	0	
57		Tracey; MisU		4,400	z	z	z	0	
58		Aux Vases; MisU		10	z	z	z	0	
59		Rosciare; MisL		220	z	z	z	0	
60									

^aFootnotes to column heads and explanation of symbols are given on page 53.

¹Pressures in Southeastern Illinois oil fields are estimated bottom hole pressures reported in previous Survey publications.

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

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery ^g	Character of Oil ^h		Producing Formation				Deepest Zone Tested ^m to End of 1947			
	Completed to End of 1947	Abandoned	Flowing	Artificial Lift	Gas	Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ^a	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. ^k Net	Structure ^l	Name	Depth of Hole, Ft.
1	22	0	0	0	0	s	s	s	s	S	P	159	s	ML	"Trenton"	2,212	
2	1,632	0	47	0	0	s	s	s	s	S	P	281	40	D	St. Peter	3,009	
3	190	0	0	0	0	s	s	s	s	S	P	334	s	D			
4	1,449	0	0	0	0	s	s	s	s	S	P	2,265	s	DC			
5	13	0	0	0	0	s	s	s	s	L	C	2,265	s	D			
6	1,023	2	56	0	791	0	W	0.18	s	L	C	2,265	s	D	Dev.	2,010	
7	879	0	0	0	0	s	s	s	s	S	P	367	s	D			
8	90	0	0	0	0	s	s	s	s	S	P	478	s	D			
9	195	2	0	0	0	s	s	s	s	S	P	556	40	D			
10	70	0	0	0	0	s	s	s	s	S	P	588	s	D			
11	535	0	23	0	462	0	s	s	s	S	P	263	s	AM	Pen.	960	
12	41	0	0	0	0	s	s	s	s	S	P	309	s	AM	MisL	808	
13	82	0	0	0	0	s	s	s	s	S	P	444	40	AM			
14	322	0	0	0	0	s	s	s	s	S	P	255	s	D	St. Peter	3,411	
15	219	0	1	0	112	0	s	s	s	S	P	500	s	D			
16	7	0	0	0	0	s	s	s	s	S	P	477	s	D			
17	64	0	0	0	0	s	s	s	s	S	P	1,340	s	D			
18	23	0	0	0	0	s	s	s	s	S	P	1,550	s	D			
19	35	0	0	0	0	s	s	s	s	S	P	2,700	s	D			
20	40	0	1	0	0	s	s	s	s	L	C	2,700	s	D			
21	2	0	0	0	0	s	s	s	s	L	C	2,700	s	D			
22	491	4	103	0	334	0	G	s	s	L	C	416	s	AM	MisL	1,584	
23	296	0	0	0	0	0	s	s	s	S	P	314	s	AM			
24	32	0	0	0	0	0	s	s	s	S	P	465	s	AM			
25	180	2	2	0	0	0	G	s	s	S	P	535	s	AM			
26	46	2	2	0	0	0	s	s	s	S	P	1,326	s	AM			
27	1	0	0	0	0	0	s	s	s	S	P	392	s	AM	Dev	2,030	
28	545	1	2	0	425	0	G	s	s	S	P	453	s	AM			
29	38	0	0	0	0	0	s	s	s	S	P	489	s	AM			
30	60	1	0	0	0	0	G	s	s	S	P	598	s	AM			
31	411	0	0	0	0	0	s	s	s	S	P	586	s	AM			
32	170	0	2	0	0	0	s	s	s	S	P	510	s	AM	MisL	1,471	
33	486	0	31	0	322	0	s	s	s	S	P	817	s	AM			
34	310	0	10	0	0	0	s	s	s	S	P	886	s	AM			
35	65	0	19	0	0	0	s	s	s	S	P	510	s	ML	St. Peter	3,411	
36	182	0	2	0	0	0	s	s	s	S	P	900	25	ML	St. Peter	4,654	
37	5,001	8	263	0	2,677	0	G	s	s	S	P	1,335	s	ML			
38	7,332	4	121	0	3,996	0	s	s	s	S	P	1,815	5	ML			
39	70	0	1	0	0	0	s	s	s	S	P	2,795	11	ML			
40	7,146	2	103	0	0	0	G	32.8	s	S	P	940	25	ML	Mis	2,056	
41	108	0	17	0	0	0	s	s	s	SL	P	995	25	ML	Mis	2,279	
42	2	2	0	0	0	0	s	s	s	L	P	1,000	25	ML	Pen	1,227	
43	2	0	0	0	0	0	s	s	s	L	P	910	20	ML	Pen	1,041	
44	299	2	4	0	140	0	G	30.1	s	S	P	935	s	ML	Dev	3,110	
45	193	0	0	0	60	0	G	s	s	S	P	930	28	ML	MisL	1,731	
46	256	0	0	0	199	0	s	s	s	S	P	290	s	A	St. Peter	4,654	
47	149	0	0	0	54	0	s	s	s	S	P	800	40	A	St. Peter	5,190	
48	291	1	2	0	111	0	s	s	s	S	P	1,250	15	A			
49	685	0	2	0	336	0	G	s	s	S	P	1,330	15	A			
50	9,205	7	129	0	4,896	0	s	s	s	S	P	1,360	10	A			
51	4,471	9	106	0	2,481	0	G	s	s	S	P	1,400	30	A			
52	10	1	3	0	0	0	s	s	s	S	P	1,650	20	A			
53	1,233	0	9	0	0	0	G	s	s	S	P	1,810	10	A			
54	482	1	3	0	0	0	s	s	s	S	P	1,850	s	MC			
55	243	0	0	0	0	0	s	s	s	S	P						
56	1	0	0	0	0	0	s	s	s	S	P						
57	3,019	2	23	0	600±	0	s	s	s	S	P						
58	715	4	40	0	650±	0	s	s	s	S	P						
59	1	0	0	0	0	0	s	s	s	S	P						
60	10	0	0	0	0	0	s	s	s	SL	P						

^dDiscrepancies between numbers of original completions and present producing wells in individual pays are due to reworking of wells.

^eAbandoned 1945.

^fTotal of lines 2, 6, 10, 11, 15, 22, 28, 33.

^hIncludes Kibbie, Oblong, Robinson and Hardinsville.

ⁱIncludes Swearingen gas.

^mTotal of lines 38, 44, 45, 46, 47, 48, 49.

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
61		McClosky; MisL		7,040	z	z	z	z	0
62		Bethel; MisU	z	420	z	z	0	0	0
63	St. Francisville, Lawrence			26,620	238,950	1,845	z	z	z
64	Lawrence County Division ¹⁹			2,800	9,092	617	0	0	0
65	Allendale, Wabash, Lawrence		1912				0	0	0
66		Pennsylvanian; Pen		z	z	z	0	0	0
67		Bridgeport; Pen		z	z	z	0	0	0
68		Buchanan; Pen		z	z	z	0	0	0
69		Biehl; Pen		z	z	z	0	0	0
70		Jordan; Pen		z	z	z	0	0	0
71		Waltersburg; MisU		z	z	z	0	0	0
72		Tar Springs; MisU		z	z	z	0	0	0
73		Cypress; MisU		z	z	z	0	0	0
74		Bethel; MisU		z	z	z	0	0	0
75		Rosiclare; MisL		z	z	z	0	0	0
76		McClosky; MisL		z	z	z	0	0	0
77									
78	Total Southeastern Fields ¹¹			97,700	459,416	4,535	z	z	z
79	Ayers (Gas), Bond	Bethel; MisU	1922	0	0	0	325	282.5	15.0
80	Greenville (Gas), Bond ¹²	Lindley (1st, 2nd); MisU	1910	0	0	0	160	990.0	0
81	Bartelso, Clinton		1936	580	1,788	90	0	0	0
82		Carlyle; MisU		350	1,038	30	0	0	0
83		Devonian; Dev		230	750	60	0	0	0
84	Carlyle, Clinton	Carlyle; MisU	1911	915	3,608	32	0	0	0
85	Frogtown, Clinton ¹³	Carlyle; MisU	1918	300	z	0	z	z	z
86	Ava-Campbell Hill, Jackson ¹⁴	Cypress; MisU	1917	440	z	0	z	z	z
87	Colmar-Plymouth, McDonough, Hancock	Hoing; Dev	1914	2,470	3,415	101	0	0	0
88	Carlinville, Macoupin ¹⁵	Unnamed; Pen	1909	80	z	.1	0	0	0
89	Gillespie-Bend (Gas), Macoupin ¹⁶	Unnamed; Pen	1923	0	0	0	80	135.8	0
90	Carlinville, Macoupin	Unnamed; Pen	1915	45	z	1	0	0	0
91	Spanish Needle Creek (Gas), Macoupin ¹⁷	Unnamed; Pen	1915	0	0	0	80	14.4	0
92	Stantun (Gas), Macoupin ¹⁸	Unnamed; Pen	1916	0	0	0	400	1,050.0	0
93	Collinsville, Madison ¹⁹	Dev-Sil	1909	40	1	0	0	0	0
94	Brown, Langewisch-Kuester, Junction City, Marion		1910	175	z	z	0	0	0
95		Dykstra-Wilson; Pen		60	z	z	0	0	0
96		Cypress; MisU		115	z	z	0	0	0
97	Sandoval, Marion		1909	780	5,396	71	0	0	0
98		Bethel; MisU		770	2,705	.5	0	0	0
99		Dev; Dev		390	2,691	71	0	0	0
100	Wamac, Marion, Clinton, Washington	Petro; Pen	1921	250	518	13	0	0	0
101	Litchfield, Montgomery ²⁰	Unnamed; Pen	1879	100	24	0	0	0	0
102	Waterloo, Monroe ²¹	"Trenton"; Ord	1920	230	234	2	0	0	0
103	Jacksonville (Gas), Morgan ²²	Gas; Pen, MisL	1910	1,320	2	0	z	z	z
104	Pittsfield (Gas), Pike ²³	"Niagaran"; Sil	1886	0	0	0	8,960	z	0
105	Sparta, Randolph ²⁴	Cypress; MisU	1888	165	z	0	0	0	0
106	Dupo, St. Clair	"Trenton"; Ord	1928	760	2,240	124	0	0	0
107	Total of fields discovered prior to Jan. 1, 1937 ²⁵			106,350	476,642	4,970	10,005	2,472.7	15.0
108	Ab Lake, Gallatin	Renault; MisU	1947	10	8	8	0	0	0
109	Aden Consolidated, Hamilton, Wayne		1938	2,060	5,362	244	0	0	0
110		Aux Vases; MisU		400	z	z	0	0	0
111		Rosiclare; MisL ²⁶		100	z	z	0	0	0
112		Lower O'Hara; MisL ²⁶		200	z	z	0	0	0
113		McClosky; MisL		2,000	z	z	0	0	0
114									
115	Aden South, Hamilton		1945	60	16	8	0	0	0
116		Aux Vases; MisU		20	z	z	0	0	0
117		Rosiclare; MisL ²⁶		20	z	z	0	0	0
118		McClosky; MisL		40	z	z	0	0	0
119									
120	Akin, Franklin		1942	200	311	24	0	0	0

¹⁹Wells producing from more than one pay. See Table 7.

²⁰Total of lines 51 and 63.

²¹Total of lines 1, 37, 50, 64 and 65.

²²Abandoned 1923.

²³Abandoned 1933.

²⁴Abandoned 1934.

²⁵Abandoned 1925, revived 1942.

²⁶Abandoned 1935.

²⁷Abandoned 1934.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ¹		Secondary Recovery ^f	Character of Oil ^g		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ³		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ^h	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. & Net	Structure ^l	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
61	964	0	28	0	z	z		z	z	L	P	1,860	10	A			
62	3	1	0	0	z	z		z	z	z	z	z	z	z			
63	55	0	0	0	30	0	600	z	z	z	z	z	z	z			
64	4,526	9	106	0	2,511	0	z	32.3	z	G	P	1,845	22	ML	Mis St. Peter	1,900	
65	602	25	35	0	310	0	z	z	z	z	z	z	z	z	MisL	5,190	
66	1	0	0	0	z	0	z	z	z	z	P	400	z	AM		2,367	
67	z	3	0	0	z	0	z	z	z	z	P	1,070	12	AM			
68	z	0	0	0	z	0	z	z	z	z	P	1,290	15	AM			
69	489	9	16	0	z	0	z	z	z	z	P	1,425	20	AM			
70	3	0	4	0	z	0	z	z	z	z	P	1,490	10	AM			
71	15	4	3	0	z	0	z	z	z	z	P	1,540	15	AL			
72	9	3	0	0	z	0	z	z	z	z	P	1,600	20	AM			
73	24	2	4	0	z	0	z	z	z	z	P	1,920	10	AM			
74	40	2	6	0	z	0	z	z	z	z	P	2,010	10	AM			
75	z	0	0	0	z	0	z	z	z	z	SL	2,230	5	AM			
76	z	0	2	0	z	0	900	z	z	L	P	2,280	8	AM			
77	z	2	0	0	z	0	z	z	z	z	z	z	z	z			
78	19,356	49	533	0	10,394	z	z	z	z	z	z	z	z	z			
79	21	0	0	0	0	9	335	z	z	z	P	940	5	A	"Trenton"	3,044	
80	4	0	0	0	0	0	z	z	z	z	P	925	z	A	Dev	3,290	
81	76	3	6	0	49	0	z	z	z	z	D	z	z	D	St. Peter	4,212	
82	51	3	6	0	29	0	z	z	z	z	P	985	24	D			
83	25	0	0	0	20	0	z	z	z	z	C	2,420	12	D			
84	165	0	0	0	26	0	z	z	z	z	P	1,035	20	A	St. Peter	4,120	
85	12	0	0	0	0	0	z	z	z	z	P	950	7	A	MisU	962	
86	35	0	0	0	0	0	z	z	z	z	P	780	18	A	Dev	2,530	
87	490	0	0	0	223	0	z	z	z	z	P	450	21	AL	"Trenton"	805	
88	8	0	0	0	1	0	135	z	z	z	P	380	z	A	Pen	410	
89	4	0	0	0	0	0	155	z	z	z	P	540	z	A	Pen	575	
90	23	0	0	0	1	0	z	z	z	z	P	650	z	T	"Trenton"	2,560	
91	7	0	0	0	0	0	z	z	z	z	P	305	z	D	Pen	495	
92	18	0	0	0	0	0	145	z	z	z	P	460	z	A	"Trenton"	2,371	
93	6	0	0	0	0	0	z	z	z	L	C	1,305	20	ML	St. Peter	2,177	
94	14	0	0	0	7	0	z	z	z	z	z	z	z	z	Dev	3,344	
95	7	0	0	0	z	0	z	z	z	z	P	610	20	D			
96	7	0	0	0	z	0	z	z	z	z	P	1,658	15	D			
97	151	0	6	0	19	0	z	z	z	z	D	z	z	D	St. Peter	5,023	
98	123	0	6	0	0	0	z	z	z	z	D	z	z	D			
99	28	0	0	0	19	0	z	z	z	z	D	z	z	D			
100	106	0	8	0	8	0	z	z	z	z	P	1,540	20	D			
101	18	0	0	0	1	0	z	z	z	z	C	2,924	9	D			
102	41	0	0	0	4	0	z	z	z	z	P	720	20	D	MisL	1,760	
103	53	0	0	0	0	0	z	z	z	z	P	660	z	D	Pen	681	
104	68	0	0	0	0	0	z	z	z	z	C	410	50	A	"Trenton"	845	
105	20	0	0	0	0	0	z	z	z	z	SL	330	5	ML	"Trenton"	1,390	
106	304	3	0	0	91	0	z	z	z	L	P	265	10	A	St. Peter	893	
107	21,000	55	553	0	10,824	9	z	z	z	L	C	850	7	D	MisU	985	
108	1	1	0	0	1	0	z	z	z	L	P	560	50	A	Ord.	1,800	
109	91	0	0	0	81	0	z	z	z	L	P	2,735	8	MF	MisL	2,941	
110	5	0	0	0	30	0	z	z	z	z	z	z	z	z	Dev	5,395	
111	0	0	0	0	0	0	z	z	z	S	P	3,175	12	A			
112	0	0	0	0	0	0	z	z	z	OL	P	3,300	12	AC			
113	75	0	0	0	0	0	z	z	z	OL	P	3,265	6	AC			
114	11	0	0	0	30	0	z	z	z	OL	P	3,350	8	A			
115	3	0	0	0	21	0	z	z	z	z	z	z	z	z			
116	3	1	0	0	3	0	z	z	z	S	P	3,245	7	AC	MisL	3,430	
117	0	0	0	0	1	0	z	z	z	L	P	3,335	12	AC			
118	0	0	0	0	1	0	z	z	z	L	P	3,385	6	MC			
119	2	1	0	0	1	0	z	z	z	z	z	z	z	z			
120	7	0	0	0	6	0	z	z	z	z	z	z	z	z	MisL	3,515	

¹⁸Abandoned 1919.

¹⁹Abandoned 1921.

²⁰Abandoned 1904, revived 1942.

²¹Abandoned 1930, revived 1939.

²²Abandoned 1937.

²³Gas not used until 1905, abandoned 1930.

²⁴Abandoned 1900.

²⁵Total of lines 78 to 106 inclusive. Cumulative oil production total based on U. S. Bureau of Mines Monthly Report.

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
121		Cypress; MisU		120	x	x	0	0	0
122		Aux Vases; MisU		80	x	x	0	0	0
123		McClosky; MisL ⁹		40	x	x	0	0	0
124									
125	Albion Consolidated, <i>Edwards</i>		1940	2,600	6,351	657	0	0	0
126		Mansfield; Pen		40	x	x	0	0	0
127		Bridgeport; Pen		250	x	x	0	0	0
128		Biehl; Pen		500	x	x	0	0	0
129		Degonia; MisU ²⁷		20	x	x	0	0	0
130		Waltersburg; MisU		480	x	x	0	0	0
131		Tar Springs; MisU ²⁷		20	x	x	0	0	0
132		Hardinsburg; MisU		50	x	x	0	0	0
133		Bethel; MisU		160	x	x	0	0	0
134		Aux Vases; MisU		500	x	x	0	0	0
135		Lower O'Hara; MisL		50	x	x	0	0	0
136		Rosiclare; MisL		40	x	x	0	0	0
137		McClosky; MisL		2,000	x	x	0	0	0
138									
139	Albion East, <i>Edwards</i>		1943	360	446	70	0	0	0
140		Cypress; MisU		x	x	x	0	0	0
141		Paint Creek; MisU ²⁷		x	x	x	0	0	0
142		Bethel; MisU		x	x	x	0	0	0
143		Aux Vases; MisU		x	x	x	0	0	0
144		Lower O'Hara; MisL		x	x	x	0	0	0
145		Rosiclare; MisL ²⁷		x	x	x	0	0	0
146		McClosky; MisL ⁹		x	x	x	0	0	0
147									
148	Alma, <i>Marion</i>		1941	60	61	3	0	0	0
149		Bethel; MisU		20	x	x	0	0	0
150		Rosiclare; MisL		50	x	x	0	0	0
151	Amity, <i>Richland</i>	McClosky; MisL	1942	20	10	1	0	0	0
152	Barnhill, <i>Wayne</i>		1939	1,000	2,028	76	0	0	0
153		Aux Vases; MisU		x	x	x	0	0	0
154		Rosiclare; MisL ²⁶		x	x	x	0	0	0
155		McClosky; MisL		x	x	x	0	0	0
156		Salem; MisL ²⁶		x	x	x	0	0	0
157									
158	Bartelso South, <i>Clinton</i>	Devonian; Dev	1942	80	17	2	0	0	0
159	Bartelso West, <i>Clinton</i>	Cypress; MisU	1945	120	3	2	0	0	0
160	Beaver Creek, <i>Bond</i>	Bethel; MisU	1942	140	70	13	0	0	0
161	Beaver Creek South, <i>Clinton</i>	Bethel; MisU	1946	60	2	2	0	0	0
162	Belle Prairie, <i>Hamilton</i>	McClosky; MisL	1940	200	281	37	0	0	0
163	Belle Rive, <i>Jefferson</i>	McClosky; MisL	1943	200	213	25	0	0	0
164	Beman, <i>Lawrence</i>		1942	320	114	74	0	0	0
165		Aux Vases; MisU		x	x	x	0	0	0
166		Ste. Genevieve; MisL ⁹		x	x	x	0	0	0
167									
168	Beman East, <i>Lawrence</i>		1947	100	47	47	0	0	0
169		Aux Vases; MisU		20	x	x	0	0	0
170		Rosiclare; MisL		60	x	x	0	0	0
171		McClosky; MisL ⁹		40	x	x	0	0	0
172									
173	Bend, <i>White</i>	Tar Springs; MisU	1941	10	22	1	0	0	0
174	Bennington, <i>Edwards, Wayne</i>		1943	720	1,096	105	0	0	0
175		Aux Vases; MisU		30	x	x	0	0	0
176		Ste. Genevieve		720	x	x	0	0	0
177	Bennington South, <i>Edwards</i> ²⁸	McClosky; MisL	1944	20	10	0	0	0	0
178	Benton, <i>Franklin</i>		1941	2,400	19,089	760	0	0	0
179		Kinkaid; MisU ²⁶		10	x	x	0	0	0
180		Degonia; MisU		10	x	x	0	0	0

²⁸Originally produced only in workover or multiple pay wells; not producing now.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery/ ^g	Character of Oil ^h		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ^s		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ^b	Porosity Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. & Net	Structure ^l	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
121	3	0	0	0	2	0		33.4	0.14	S	P	2,835	10	ML			
122	3	0	0	0	4	0		37.8	0.12	S	P	3,120	7	AL			
123	0	0	0	0	0	0						3,270	9	ML			
124	1	0	0	0	0	0											
125	214	1	3	0	204	0											
126	3	0	0	0	3	0		29.6		S	P	1,650	5	Dev		5,185	
127	15	0	0	0	15	550	W	34.0		S	P	1,860	15	MF			
128	44	0	0	0	42	600		32.5	0.20	S	P	1,995	17	MF			
129	0	0	0	0	0	600				S	P	2,125	9	MF			
130	25	0	0	0	20	400		34.0		S	P	2,365	16	AL			
131	0	0	0	0	0	700				S	P	2,450	8	AL			
132	3	0	1	0	2					S	P	2,635	10	AL			
133	3	0	0	0	3	900		38.0		S	P	2,960	15	Af			
134	21	0	0	0	21	950		40.2		S	P	3,045	18	Af			
135	2	0	0	0	1					L	P	3,110	5	Af			
136	2	0	0	0	1					L	P	3,130	10	A			
137	69	1	2	0	57	900		40.0	0.18	L	P	3,140	10	AC			
138	27	0	0	0	39												
139	19	5	0	0	19												
140	5	0	0	0	5					S	P	2,800	7	MisL		3,244	
141	0	0	0	0	0					S	P	2,910	6	A			
142	1	1	0	0	1					S	P	2,965	9	A			
143	0	0	0	0	4			39.4	0.14	S	P	3,020	17	A			
144	3	0	0	0	2					L	P	3,100	6	A			
145	0	0	0	0	0					L	P	3,125	7	A			
146	2	0	0	0	4					L	P	3,155	8	A			
147	5	2	0	0	3												
148	4	0	0	0	2					S	P	1,945	8	Dev		3,692	
149	2	0	0	0	1					S	P	2,085	10	A			
150	2	0	0	0	1			36.2	0.26	S	P	2,975	10	MC			
151	71	1	1	0	26					OL	P			MisL		3,090	
152	0	0	0	0	2					S	P	3,225	15	MisL		3,878	
153	0	0	0	0	0					OL	P	3,350	9	AC			
154	0	0	0	0	23			37.6	0.17	OL	P	3,400	10	A			
155	67	0	0	0	0					L	P	3,795	8	AC			
156	0	0	0	0	1												
157	3	0	0	0	2			40.0	0.15	L	C	2,470	10	Dev		2,652	
158	7	0	0	0	4					S	P	930	10	Dev		2,520	
159	9	0	0	0	8			34.2	0.25	S	P	1,120	3	Dev		2,526	
160	5	4	0	0	0					S	P	1,140	5	MisL		1,395	
161	6	0	0	0	5					S	P	3,420	6	MisL		3,580	
162	5	0	1	0	4			37.0	0.12	L	P	3,085	6	AC			
163	1	0	0	0	17			39.4	0.50	L	P			MisL		3,201	
164	21	7	2	0	0					L	P	1,805	20	MisL		1,955	
165	1	0	0	0	0					S	P	1,850	7	AL			
166	18	7	2	0	15					L	P			A			
167	2	0	0	0	2												
168	5	5	2	0	3												
169	1	1	0	0	0					S	P	1,805	12	MisL		1,907	
170	2	2	1	0	1					L	P	1,860	8				
171	1	1	0	0	1					L	P	1,880	4				
172	1	1	1	0	0					L	P						
173	1	0	0	0	1					S	P	2,350	13				
174	38	0	1	0	35					S	P			MisL		3,135	
175	3	0	0	0	1									MisL		3,372	
176	35	0	1	0	34			42.3	0.10	S	P	3,140	22	ML			
177	1	0	0	0	0					L	P	3,240	8	MC			
178	243	0	0	0	235					L	P	3,240	8	MC			
179	0	0	0	0	0					L	P	1,700	9	MisL		3,419	
180	0	0	0	0	1					S	P	1,740	10	A		3,205	

²Producing in multiple pay wells only.

⁸Abandoned 1946.

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production			Gas Production		
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
181	Benton North, Franklin	Tar Springs; MisU	1941	2,400	z	z	0	0	0
182				220	417	43	0	0	0
183		Cypress; MisU		z	z	z	0	0	0
184		Paint Creek; MisU		z	z	z	0	0	0
185		Bethel; MisU		z	z	z	0	0	0
186		Aux Vases; MisU		z	z	z	0	0	0
187		Lower O'Hara; MisL		z	z	z	0	0	0
188		Rosiclare; MisL		z	z	z	0	0	0
189		McClosky; MisL		z	z	z	0	0	0
190									
191	Berryville, Wabash	Ste. Genevieve; MisL	1947	120	89	89	0	0	0
192	Bessie, Franklin	Lower O'Hara; MisL	1943	40	32	5	0	0	0
193	Bible Grove, Clay, Effingham		1942	3,900	6,433	1,055	0	0	0
194		Cypress; MisU		z	z	z	0	0	0
195		Ste. Genevieve; MisL		z	z	z	0	0	0
196									
197	Bible Grove East, Clay		1944	140	93	7	0	0	0
198		Cypress; MisU		100	91	5	0	0	0
199		Aux Vases; MisU		20	2	2	0	0	0
200		McClosky; MisL		20	0	0	0	0	0
201	Bible Grove North, Effingham		1947	120	22	22	0	0	0
202		Cypress; MisU		30	z	z	0	0	0
203		Rosiclare; MisL		40	z	z	0	0	0
204		McClosky; MisL		60	z	z	0	0	0
205									
206	Bible Grove South, Clay		1942	40	50	7	0	0	0
207		Cypress; MisU		20	0	0	0	0	0
208		Aux Vases; MisU		20	50	7	0	0	0
209	Blairsville, Hamilton		1942	660	1,497	105	0	0	0
210		Aux Vases; MisU		z	z	z	0	0	0
211		Lower O'Hara; MisL		z	z	z	0	0	0
212		Rosiclare; MisL		z	z	z	0	0	0
213		McClosky; MisL		z	z	z	0	0	0
214									
215	Bogota, Jasper	McClosky; MisL	1943	200	358	28	0	0	0
216	Bogota South, Jasper	McClosky; MisL	1944	20	13	2	0	0	0
217	Bone Gap, Edwards		1941	660	809	72	0	0	0
218		Rosiclare; MisL ²⁷		100	z	z	0	0	0
219		McClosky; MisL		660	z	z	0	0	0
220									
221	Bone Gap South, Edwards		1947	100	77	77	0	0	0
222		Cypress; MisU		60	65	65	0	0	0
223		Aux Vases; MisU		20	4	4	0	0	0
224		McClosky; MisL		20	8	8	0	0	0
225	Bonpas, Richland	McClosky; MisL	1941	80	114	15	0	0	0
226	Boos North, Jasper		1940	1,620	3,485	322	0	0	0
227		Rosiclare; MisL		z	z	z	0	0	0
228		McClosky; MisL		z	z	z	0	0	0
229									
230	Boulder, Clinton		1941	560	2,955	429	0	0	0
231		Bethel; MisU		z	z	z	0	0	0
232		Dev; Dev		z	z	z	0	0	0
233	Boyd, Jefferson		1944	1,340	4,255	1,276	0	0	0
234		Bethel; MisU		z	z	z	0	0	0
235		Aux Vases; MisU		z	z	z	0	0	0
236		Lower O'Hara; MisL ²⁷		z	z	z	0	0	0
237									
238	Boyleston Consol, Wayne		1938	4,560	8,044	393	0	0	0
239		Aux Vases; MisU		z	z	z	0	0	0
240		Lower O'Hara; MisL		z	z	z	0	0	0

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery ^g	Character of Oil ^h		Producing Formation				Deepest Zone Tested ^m to End of 1947			
	Completed to End of 1947	1947		Oil ³		Initial		Avg./End 1947	Gravity-A.P.I. ²	Sulphur, Per Cent	Character ⁴	Porosity, Per Cent ¹	Depth to Top of Producing Zone, Ft. ⁷	Productive Thickness, Avg. Ft. & Net	Structure ¹	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
181	243	0	0	0	234	0		41.7	0.12	S	P	2,100	34	A			
182	16	0	0	0	11	0											
183	1	0	0	0	0	0				S	P	2,440	18	A	MisL	2,963	
184	5	0	0	0	4	0				S	P	2,595	9	A			
185	1	0	0	0	1	0				S	P	2,600	20	A			
186	2	0	0	0	0	0		38.4	0.15	S	P	2,685	10	AL			
187	2	0	0	0	0	0		39.0	0.15	S	P	2,745	10	AC			
188	2	0	0	0	1	0		37.4	0.70	L	P	2,800	8	AL			
189	0	0	0	0	0	0		38.4	0.15	L	P	2,850	5	AC			
190	3	0	0	0	3	0				L	P						
191	6	6	0	0	6	0				L	P	2,900	5	MC			
192	1	0	0	0	1	0				L	P	2,895	10		MisL	3,013	
193	195	5	2	0	187	0		38.8	0.15	L	P				MisL	3,450	
194	150	5	1	0	146	0									MisL	3,013	
195	44	0	0	0	40	0		38.0	0.13	S	P	2,490	10	A			
196	1	0	0	0	1	0		40.0	0.17	OL	P	2,830	8	A			
197	7	2	0	0	6	0											
198	5	0	0	0	4	0				S	P	2,510	8	A	MisL	2,993	
199	1	1	0	0	1	0				S	P	2,795	15	A			
200	1	1	0	0	1	0				L	P	2,880	10	A			
201	6	6	0	0	6	0				L	P						
202	2	2	0	0	2	0				S	P	2,535	7	N	MisL	2,999	
203	1	1	0	0	1	0				SL	P	2,835	5	N			
204	2	2	0	0	2	0				L	P	2,875	5	N			
205	1	1	0	0	1	0											
206	2	1	0	0	2	0											
207	1	1	0	0	1	0				S	P	2,500	10		MisL	2,929	
208	1	0	0	0	1	0				S	P	2,750	16				
209	30	0	0	0	27	0											
210	20	0	0	0	17	0		38.1		S	P	3,280	20	AL	MisL	3,530	
211	1	0	0	0	1	0				S	P	3,335	8	AC			
212	0	0	0	0	0	0				L	P	3,365	7	AC			
213	6	0	0	0	6	0		38.6	0.13	S	P	3,425	8	AC			
214	3	0	0	0	3	0				L	P						
215	7	0	0	0	7	0				L	P	3,110	7	A	MisL	3,234	
216	1	0	0	0	1	0				L	P	3,055	10	ML	MisL	3,185	
217	19	0	2	0	11	0				L	P				MisL	3,350	
218	0	0	0	0	0	0				L	P	3,230	6	A			
219	19	0	2	0	7	0		40.5	0.33	L	P	3,240	6	A			
220	0	0	0	0	4	0											
221	6	6	0	0	6	0											
222	4	4	0	0	4	0				S	P	2,710	10	A	MisL	3,191	
223	1	1	0	0	1	0				S	P	3,020	9	A			
224	1	1	0	0	1	0				L	P	3,055	6	MC			
225	4	2	0	0	3	0		37.4	0.34	L	P	3,125	6	MC	MisL	3,212	
226	95	4	3	0	57	0									MisL	2,950	
227	11	2	0	0	8	0				S	P	2,765	10	AC			
228	81	1	3	0	44	0	W	38.6		L	P	2,800	8	A			
229	3	1	0	0	5	0											
230	36	0	2	0	30	0											
231	25	0	1	0	23	0		36.0		S	P	1,190	20	A	Dev	2,841	
232	11	0	1	0	7	0		28.2	0.33	L	C	2,630	5	A			
233	114	4	0	0	111	0											
234	72	4	0	0	68	0	P	39.4	0.14	S	P	2,050	15	A	Dev	3,870	
235	5	0	0	0	2	0				S	P	2,130	19	A			
236	0	0	0	0	0	0				L	P	2,230	2	A			
237	37	0	0	0	41	0											
238	187	4	4	0	129	0											
239	2	0	0	0	18	0		40.0		S	P	3,095	7	AL	MisL	3,495	
240	15	2	0	0	12	0		38.0		OL	P	3,180	4	AC			

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production			Gas Production		
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
241		Rosiclare; MisL		x	x	x	0	0	0
242		McClosky; MisL		x	x	x	0	0	0
243									
244	Browns, Edwards, Wabash.....	Tar Springs; MisU ²⁷	1943	720	757	291	0	0	0
245		Cypress; MisU		x	x	x	0	0	0
246		Bethel; MisU		x	x	x	0	0	0
247		Lower O'Hara; MisL		x	x	x	0	0	0
248		Rosiclare; MisL ²⁶		x	x	x	0	0	0
249		McClosky; MisL		x	x	x	0	0	0
250									
251	Browns East, Wabash.....	Cypress; MisU	1946	380	286	278	0	0	0
252		McClosky; MisL		x	x	x	0	0	0
253									
254	Browns South, Edwards.....	Bethel; MisU	1943	40	11	3	0	0	0
255		Aux Vases; MisU ²⁷		40	x	x	0	0	0
256				10	x	x	0	0	0
257									
258	Bungay Consol., Hamilton.....	Aux Vases; MisU	1941	960	2,438	502	0	0	0
259		McClosky; MisL		x	x	x	0	0	0
260									
261									
262									
263	Burnt Prairie South, White.....	Lower O'Hara; MisL	1947	20	1	1	0	0	0
264	Calhoun Consol., Richland, Wayne.....		1944	1,660	1,994	447	0	0	0
265		Lower O'Hara; MisL		x	x	x	0	0	0
266		Rosiclare; MisL		x	x	x	0	0	0
267		McClosky; MisL		x	x	x	0	0	0
268									
269	Calhoun North, Richland.....	Rosiclare; MisL ²⁷	1944	40	24	3	0	0	0
270		McClosky; MisL ²⁷		20	x	x	0	0	0
271				40	x	x	0	0	0
272									
273	Calvin North, White.....	Buchanan; Pen	1943	700	1,131	172	0	0	0
274		Biehl; Pen		x	x	x	0	0	0
275		Palestine; MisU		x	x	x	0	0	0
276		Waltersburg; MisU		x	x	x	0	0	0
277		Tar Springs; MisU		x	x	x	0	0	0
278		Cypress; MisU		x	x	x	0	0	0
279		Bethel; MisU		x	x	x	0	0	0
280		Aux Vases; MisU		x	x	x	0	0	0
281		Lower O'Hara; MisL		x	x	x	0	0	0
282		Rosiclare; MisL		x	x	x	0	0	0
283		McClosky; MisL		x	x	x	0	0	0
284									
285	Carlinville North, Macoupin.....	Pottsville; Pen	1941	80	.8	0	0	0	0
286		McClosky; MisL	1940	30	6	0	0	0	0
287	Carmi, White ²⁹		1942	30	112	13	0	0	0
288									
289	Carmi North, White.....	Cypress; MisU ²⁷		10	x	x	0	0	0
290		Aux Vases; MisU		30	x	x	0	0	0
291									
292	Centerville, White.....	McClosky; MisL	1940	160	289	21	0	0	0
293			1941	700	1,718	108	0	0	0
294	Centerville East, White.....	Tar Springs; MisU		x	x	x	0	0	0
295		Cypress; MisU		x	x	x	0	0	0
296		Bethel; MisU		x	x	x	0	0	0
297		Aux Vases; MisU		x	x	x	0	0	0
298		Lower O'Hara; MisL ²⁷		x	x	x	0	0	0
299		McClosky; MisL		x	x	x	0	0	0
300									

²⁹Abandoned 1947.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery ^f	Character of Oil ^g		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ^h		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ⁴	Porosity, Per Cent ⁵	Depth to Top of Producing Zone, Ft. ⁷	Productive Thickness, Avg. Ft. ⁸ Net	Structure ¹	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
241	2	0	0	0	1	0		40.0	0.14	OL	P	3,215	6	AC			
242	157	1	4	0	90	0		40.0	0.14	OL	P	3,240	7	AC			
243	11	1	0	0	8	0											
244	42	22	1	0	37	0									MisL	3,187	
245	0	0	0	0	0	0					P	2,365	14	AL			
246	8	4	0	0	8	0		36.0	0.18	OL	P	2,640	13	AL			
247	1	0	0	0	1	0					P	2,785	12	A			
248	2	0	0	0	2	0					P	2,965	4	A			
249	0	0	0	0	0	0					P	2,975	3	A			
250	22	14	1	0	16	0					P	3,000	6	A			
251	9	4	0	0	10	0					L						
252	35	30	0	0	34	0					P				MisL	3,050	
253	35	30	0	0	29	0	W				P	2,570	10	ML			
254	0	0	0	0	0	0					L			MC			
255	0	0	0	0	5	0					P						
256	4	1	0	0	2	0					P				MisL	3,150	
257	3	0	0	0	1	0					P	2,850	15	N			
258	0	0	0	0	0	0					P	2,955	5	N			
259	1	1	0	0	1	0					P						
260	78	5	1	0	69	0					P				MisL	3,547	
261	75	5	1	0	69	0		36.8	0.24	S	P	3,290	18	AL			
262	2	0	0	0	0	0		36.8	0.24	L	P	3,430	5	AC			
263	1	0	0	0	0	0					P						
264	1	1	0	0	0	0					L	3,415	6		MisL	3,552	
265	88	8	2	0	85	0					P				MisL	3,323	
266	25	1	0	0	20	0					OL	3,140	9	A			
267	2	2	2	0	2	0					OL	3,160	6	A			
268	46	2	2	0	48	0		39.2	0.15	OL	P	3,180	9	A			
269	15	3	0	0	13	0					P						
270	2	0	0	0	1	0					P				MisL	3,280	
271	0	0	0	0	0	0					S	3,155	10	A			
272	1	0	0	0	1	0					OL	3,170	11	A			
273	1	0	0	0	1	0					P						
274	58	2	0	0	57	0					P				MisL	3,280	
275	5	0	0	0	10	0					P	1,088	26	ALf			
276	28	0	0	0	24	0	W	30.0	0.29	S	P	1,520	10	ALf			
277	0	0	0	0	1	0					P	2,140	18	ALf			
278	1	0	0	0	1	0					P	2,260	10	ALf			
279	9	0	0	0	8	0		34.0	0.30	S	P	2,320	12	ALf			
280	1	0	0	0	1	0					P	2,700	15	ALf			
281	4	0	0	0	3	0		38.4	0.19	S	P	2,815	11	ALf			
282	5	0	0	0	5	0					P	2,880	19	AL			
283	1	1	0	0	1	0					OL	2,920	4	AC			
284	1	1	0	0	1	0					OL	2,970	12	AC			
285	2	0	0	0	2	0					OL	2,995	12	AC			
286	1	0	0	0	2	0					P						
287	5	0	0	0	1	0		20.3	0.35	S	P	440	10		Pen	562	
288	2	0	0	0	0	0					OL	3,150	6	Mcf	MisL	3,282	
289	3	0	0	0	3	0					P				MisL	3,418	
290	0	0	0	0	0	0					P	2,930	15	Af			
291	3	0	0	0	2	0		37.0	0.14	S	P	3,220	14	Af			
292	0	0	0	0	1	0					P						
293	5	0	0	0	5	0		36.8	0.17	OL	P	3,370	6	AC	MisL	3,600	
294	46	0	4	0	39	0					P				MisL	3,368	
295	25	0	3	0	25	0		37.2	0.20	S	P	2,460	30	ALf			
296	3	0	1	0	1	0					P	2,900	10	AL			
297	2	0	0	0	1	0					P	2,990	17	AL			
298	5	0	0	0	4	0					P	3,075	21	AL			
299	0	0	0	0	0	0					OL	3,175	5	AC			
300	10	0	0	0	5	0		40.0		OL	P	3,230	7	AC			

TABLE 1 — *Continued*

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
301		⁹							
302	Centerville North, <i>White</i>	Bethel; MisU	1947	10	0	0	0	0	0
303	Centralia, <i>Clinton, Marion</i>		1937	2,900	31,026	1,524	0	0	0
304		Cypress; MisU		z	z	z	0	0	0
305		Bethel; MisU		z	z	z	0	0	0
306		Devonian; Dev		z	18,911	965	0	0	0
307		"Trenton"; Ord		z	39	6	0	0	0
308		⁹							
309	Centralia West, <i>Clinton</i>	Bethel; MisU	1940	90	311	26	0	0	0
310	Cisne, <i>Wayne</i>		1937	1,160	3,489	200	0	0	0
311		Aux Vases; MisU		z	z	z	0	0	0
312		Rosiclare; MisL		z	z	z	0	0	0
313		McClosky; MisL		z	z	z	0	0	0
314		⁹							
315	Cisne North, <i>Wayne</i>	McClosky; MisL	1942	80	14	1	0	0	0
316	Clarksburg, <i>Shelby</i>	Bethel; MisU	1946	20	4	3	0	0	0
317	Clay City Consol., <i>Clay, Wayne</i> ³⁰		1937	25,700	51,845	4,707	0	0	0
318		Cypress; MisU		z	z	z	0	0	0
319		Aux Vases; MisU		z	z	z	0	0	0
320		Lower O'Hara; MisL		z	z	z	0	0	0
321		Rosiclare; MisL		z	z	z	0	0	0
322		McClosky; MisL		z	z	z	0	0	0
323		⁹							
324	Clay City West, <i>Clay</i>		1941	460	1,130	31	0	0	0
325		Cypress; MisU		10	17	5	0	0	0
326		McClosky; MisL		450	1,113	26	0	0	0
327	Coil, <i>Wayne</i>		1942	500	1,049	69	0	0	0
328		Aux Vases; MisU		480	1,048	69	0	0	0
329		McClosky; MisL		20	1	0	0	0	0
330	Coil West, <i>Jefferson</i>		1942	300	365	48	0	0	0
331		Aux Vases; MisU		140	z	z	0	0	0
332		Lower O'Hara; MisL		80	z	z	0	0	0
333		McClosky; MisL		100	z	z	0	0	0
334		⁹							
335	Concord, <i>White</i>		1942	1,230	2,357	577	0	0	0
336		Tar Springs; MisU		z	z	z	0	0	0
337		Cypress; MisU		z	z	z	0	0	0
338		Aux Vases; MisU		z	z	z	0	0	0
339		Lower O'Hara; MisL		z	z	z	0	0	0
340		McClosky; MisL		z	z	z	0	0	0
341		⁹							
342	Concord Central, <i>White</i>		1947	60	61	61	0	0	0
343		Cypress; MisU		10	z	z	0	0	0
344		Aux Vases; MisU		40	z	z	0	0	0
345		McClosky; MisL		40	z	z	0	0	0
346		⁹							
347	Concord East, <i>White</i>	Lower O'Hara; MisL	1942	40	10	1	0	0	0
348	Concord North, <i>White</i>		1946	40	80	49	0	0	0
349		Aux Vases; MisU		40	z	z	0	0	0
350		McClosky; MisL ³¹		10	z	z	0	0	0
351		⁹							
352	Concord South, <i>White</i>	Tar Springs; MisU	1944	30	16	5	0	0	0
353	Cooks Mills, <i>Coles</i> ³¹	Aux Vases; MisU	1941	20	6	0	0	0	0
354	Cooks Mills North, <i>Coles</i>	Rosiclare; MisL	1946	20	2	0	0	0	0
355	Cordes, <i>Washington</i>	Bethel; MisU	1939	1,440	3,682	241	0	0	0
356	Cottonwood, <i>Gallatin</i>	Tar Springs; MisU	1947	20	1	1	10	0	0
357	Covington East, <i>Wayne</i>		1946	160	45	34	0	0	0
358		Aux Vases; MisU		z	z	z	0	0	0
359		Lower O'Hara; MisL ³¹		z	z	z	0	0	0
360		McClosky; MisL		z	z	z	0	0	0

³¹Abandoned 1947.³⁰Includes Geff.

TABLE 1 — Continued

Line Number	Number of Wells ^d			Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery/	Character of Oil ^g		Producing Formation					Deepest Zone Tested ^h to End of 1947	
	Completed to End of 1947	1947		Oil ^h	Gas	Initial	Avg./End 1947		Gravity A.P.L. ²	Sulphur, Per Cent	Character ^h	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. & Net	Structure ^k	Name	Depth of Hole, Ft.
		Completed	Abandoned														
301	1	0	0	0	3	0											
302	1	0	0	0	1	0											
303	933	16	10	0	492	0											
304	46	5	1	0	38	0											
305	565	0	0	0	174	0			36.4	0.20	S	P	2,990	13	ML	MisL	3,303
306	319	0	0	0	255	0			37.7	0.17	S	P	1,200	12	A	"Trenton"	4,170
307	3	0	0	0	2	0			37.4	0.38	L	C	1,355	20	A		
308	0	0	0	0	2	0			37.4	0.38	L	C	2,870	9	A		
309	9	0	0	0	24	0			43.2	0.28	L	C	4,020	10	A		
310	62	0	0	0	7	0			37.8	0.17	S	P	1,440	9	N	MisU	1,531
311	2	0	0	0	51	0											
312	3	0	0	0	13	0			38.5		S	P	3,002	9	AL	St. Peter	7,205
313	55	0	0	0	3	0		W			SL	P	3,086	9	AC		
314	2	0	0	0	17	0			35.8	0.24	OL	P	3,117	12	A		
315	2	0	0	0	18	0			39.0		OL	P	3,200	10	MC	MisL	3,255
316	2	0	0	0	1	0					S	P	1,770	6	A	MisL	2,012
317	1,309	93	9	0	1,157	0					S	P	2,635	10	A	Dev	4,840
318	43	1	0	0	51	0			37.9		S	P	2,940	15	AL		
319	291	59	1	0	271	0		G	39.2		S	P	3,020	5	AL		
320	24	4	0	0	23	0			38.0		L	P	3,030	8	AL		
321	76	14	0	0	58	0			38.0		OL	P	3,050	10	AL		
322	814	9	3	0	646	0		W	39.8	0.18	OL	P			AL		
323	61	6	4	0	110	0											
324	17	0	0	0	17	0											
325	1	0	0	0	1	0					S	P	2,700	10	A	MisL	3,218
326	16	0	0	0	16	0			39.4	0.17	OL	P	3,065	15	A		
327	17	0	0	0	16	0											
328	16	0	0	0	16	0			33.8	0.13	S	P	2,920	15	A	MisL	3,185
329	1	0	0	0	0	0			35.0	0.17	OL	P	2,970	5	AC		
330	14	0	0	0	11	0											
331	4	0	0	0	5	0					S	P	2,720	15	AL	MisL	3,022
332	1	0	0	0	2	0					L	P	2,790	7	AC		
333	5	0	0	0	1	0					L	P	2,880	8	AC		
334	4	0	0	0	3	0											
335	99	23	0	0	95	0											
336	15	0	0	0	14	0			37.0		S	P	2,270	20	AL	MisL	3,115
337	9	0	0	0	8	0					S	P	2,625	10	AL		
338	17	4	0	0	13	0			39.6	0.15	S	P	2,905	14	AL		
339	1	0	0	0	1	0					OL	P	2,930	8	AC		
340	44	9	0	0	40	0					OL	P	2,990	10	AC		
341	13	10	0	0	19	0											
342	5	0	0	0	5	0											
343	0	0	0	0	0	0					S	P	2,610	13	AL	MisL	3,055
344	3	3	0	0	3	0					S	P	2,900	15	AL		
345	1	1	0	0	1	0					L	P	2,970	7	AC		
346	1	1	0	0	1	0											
347	1	0	0	0	1	0					L	P	2,895	8	MC	MisL	3,030
348	4	0	0	0	4	0											
349	4	0	0	0	3	0					S	P	2,950	10	A	MisL	3,129
350	0	0	0	0	0	0					L	P	3,035	6	A		
351	0	0	0	0	1	0											
352	3	0	1	0	2	0					S	P	2,300	20	A	MisL	3,115
353	2	0	1	0	0	0					S	P	1,820	6	A	Dev	3,220
354	1	0	0	0	0	0			36.4	0.40	S	P	1,780	10	A	MisL	1,843
355	142	0	0	0	124	0					S	P	1,260	14	A	Dev	2,887
356	3	3	0	0	2	0			37.4	0.19	S	P	2,315	6	MF	MisL	3,150
357	10	2	1	0	7	0											
358	7	1	0	0	7	0					S	P	3,150	14	ML	MisL	3,343
359	0	0	0	0	0	0					L	P	3,210	9	MC		
360	1	0	1	0	0	0					L	P	3,220	4	MC		

TABLE 1 — *Continued*

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
361		⁹							
362	Covington South, <i>Wayne</i>	McClosky; MisL	1943	320	130	10	0	0	0
363	Cravat, <i>Jefferson</i>	Bethel; MisU	1939	120	267	12	0	0	0
364	Crossville, <i>White</i>	McClosky; MisL	1946	20	1	.5	0	0	0
365	Dahlgren, <i>Hamilton</i>	McClosky; MisL	1941	600	993	26	0	0	0
366	Dale-Hoodville Consol, <i>Hamilton</i>		1940	5,200	24,099	1,331	0	0	0
367		Tar Springs; MisU		x	x	x	0	0	0
368		Cypress; MisU		x	x	x	0	0	0
369		Paint Creek; MisU		x	x	x	0	0	0
370		Bethel; MisU		x	x	x	0	0	0
371		Aux Vases; MisU		x	x	x	0	0	0
372		Lower O'Hara; MisL		x	x	x	0	0	0
373		Rosiclare; MisL		x	x	x	0	0	0
374		McClosky; MisL		x	x	x	0	0	0
375		⁹							
376	Divide, <i>Jefferson</i>	McClosky; MisL	1943	300	320	23	0	0	0
377	Divide East, <i>Jefferson</i>	Aux Vases; MisU	1947	10	1	1	0	0	0
378	Divide West, <i>Jefferson</i>		1944	960	2,067	234	0	0	0
379		Lower O'Hara; MisL ²⁶		x	x	x	0	0	0
380		Rosiclare; MisL ²⁷		x	x	x	0	0	0
381		McClosky; MisL		x	x	x	0	0	0
382		⁹							
383	Dix, <i>Jefferson, Marion</i>		1938	1,800	5,363	443	0	0	0
384		Bethel; MisU		x	x	x	0	0	0
385		Aux Vases; MisU		x	x	x	0	0	0
386		Rosiclare; MisU		x	x	x	0	0	0
387	Dix South, <i>Jefferson</i> ³²	Bethel; MisU	1941	20	13	0	0	0	0
388	Dubois, <i>Washington</i>		1939	110	158	10	200	0	0
389		Cypress; MisU		0	0	0	200	0	0
390		Bethel; MisU		110	158	10	0	0	0
391	Dubois West, <i>Washington</i>		1942	10	9	1	0	0	0
392		Cypress; MisU ²⁷		10	x	x	0	0	0
393		Bethel; MisU ²⁷		10	x	x	0	0	0
394		⁹							
395	Dundas Consol., <i>Richland, Jasper</i>		1939	6,760	12,968	661	0	0	0
396		Cypress; MisU		x	x	x	0	0	0
397		Aux Vases; MisU		x	x	x	0	0	0
398		Rosiclare; MisL		x	x	x	0	0	0
399		McClosky; MisL		x	x	x	0	0	0
400		⁹							
401	Dundas East, <i>Richland</i>	McClosky; MisL	1942	440	790	56	0	0	0
402	Eberle, <i>Effingham</i>		1947	100	31	31	0	0	0
403		Cypress; MisU		20	x	x	0	0	0
404		McClosky; MisL		80	x	x	0	0	0
405	Eldorado, <i>Saline</i>		1941	40	11	1	0	0	0
406		Tar Springs; MisU ²⁶		20	x	0	0	0	0
407		Aux Vases; MisU		20	10	1	0	0	0
408		McClosky; MisL		20	x	0	0	0	0
409	Elk Prairie, <i>Jefferson</i> ³³	McClosky; MisL	1938	10	.7	0	0	0	0
410	Elkville, <i>Jackson</i>	Bethel; MisU	1941	10	3	0	0	0	0
411	Ellery, <i>Edwards, Wayne</i>		1941	40	55	5	0	0	0
412		Aux Vases; MisU ²⁷		20	x	x	0	0	0
413		McClosky; MisL		40	x	x	0	0	0
414		⁹							
415	Ellery North, <i>Edwards</i> ³⁴	McClosky; MisL	1942	20	3	0	0	0	0
416	Ellery South, <i>Edwards</i>		1943	160	104	51	0	0	0
417		Aux Vases; MisU		160	0	0	0	0	0
418		McClosky; MisL		10	104	51	0	0	0
419	Elliotstown, <i>Effingham</i>	Rosiclare; MisL	1947	20	7	7	0	0	0
420	Epworth, <i>White</i>	Clare; MisU	1941	120	276	21	0	0	0

³²Abandoned 1946.³³Abandoned 1940.³⁴Abandoned 1943.

TABLE 1 — (Continued)

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ¹		Secondary Recovery ^f	Character of Oil ²		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ³		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ⁴	Porosity, Per Cent ⁴	Depth to Top of Producing Zone, Ft. ⁵	Productive Thickness, Avg. Ft. & Net	Structure ⁴	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
361	2	1	0	0	0	0		39.4	0.18	L	P	3,310	5	AC	MisL	3,397	
362	s	0	0	0	7	0		35.4	0.23	L	P	2,070	10	A	MisL	2,356	
363	11	0	0	0	9	0		38.2	0.16	L	P	3,125	10	s	MisL	3,164	
364	1	0	0	0	6	0		39.2	0.16	L	P	3,300	11	s	MisL	3,507	
365	41	0	1	0	6	0									Dev	5,354	
366	444	17	10	0	375	0	G										
367	26	0	0	0	24	0	G	37.6	0.25	L	P	2,430	25	A			
368	42	0	0	0	25	0	G	39.0	0.15	L	P	2,680	20	A			
369	6	2	1	1	20	0	G	38.0	0.13	L	P	2,900	17	A			
370	92	1	1	0	51	0	G	38.0	0.13	L	P	2,950	18	A			
371	203	9	6	0	151	0	G	38.6	0.19	L	P	3,020	19	A			
372	14	0	0	0	2	0		38.6	0.19	L	P	3,050	6	AC			
373	1	1	0	0	1	0		38.6	0.19	L	P	3,060	10	AC			
374	12	3	0	0	5	0		38.6	0.19	L	P	3,075	5	AC			
375	48	1	2	0	96	0											
376	11	0	1	1	9	0				L	P	2,750	6	AC	MisL	2,902	
377	1	1	0	0	1	0				L	P	2,635	7	z	MisU	2,647	
378	45	0	2	0	43	0				L	P	2,680	10	AC	MisL	2,902	
379	0	0	0	0	0	0				L	P	2,700	6	AC			
380	0	0	0	0	0	0				L	P	2,750	6	AC			
381	36	0	0	0	41	0		36.8	0.21	L	P	2,750	6	AC			
382	9	0	2	0	2	0				L	P						
383	99	10	4	0	90	0	P	38.0	0.18	S	P	1,950	15	A	Dev	3,874	
384	94	6	4	0	84	0	P			S	P	2,000	5	A			
385	0	0	0	0	1	0				S	P	2,100	8	A			
386	5	4	0	0	5	0				S	P	1,950	8	A			
387	2	0	0	0	0	0				S	P				MisL	2,283	
388	15	5	0	0	6	0				S	P	1,185	16	A	MisL	1,682	
389	5	5	0	0	0	0		31.5	0.26	S	P	1,370	7	A			
390	10	0	0	0	6	0				S	P	1,180	10	AL			
391	1	0	0	0	1	0				S	P	1,350	10	AL	MisL	1,685	
392	0	0	0	0	0	0				S	P						
393	0	0	0	0	0	0				S	P						
394	1	0	0	0	1	0				S	P						
395	297	7	3	0	245	0				S	P	2,520	12	AL	Dev	4,585	
396	11	3	0	0	7	0		37.0	z	S	P	2,795	9	A			
397	2	0	0	0	10	0		38.0	z	S	P	2,940	7	AL			
398	5	2	0	0	3	0				SL	P	2,975	9	A			
399	273	0	1	0	209	0	W	39.6	0.26	OL	P						
400	6	2	2	0	16	0				OL	P	2,940	7	A	MisL	3,132	
401	16	0	0	0	14	0				S	P	2,475	10	N	MisL	2,866	
402	5	5	0	0	5	0				L	P	2,820	7	N			
403	1	1	0	0	1	0				S	P	2,205	17	A			
404	4	4	0	0	4	0				S	P	2,865	15	A			
405	2	0	0	0	1	0				S	P	2,945	5	A			
406	0	0	0	0	0	0				S	P	2,735	7	z	MisL	2,958	
407	1	0	0	0	1	0				S	P	2,000	10	z	MisL	2,387	
408	1	0	0	0	0	0				S	P	3,240	20	AL	MisL	3,365	
409	1	0	0	0	0	0				S	P	3,345	10	A			
410	1	0	0	0	0	0				L	P	3,420	7	MC	MisL	3,496	
411	2	0	0	0	2	0				L	P	3,210	20	ML	MisL	3,412	
412	0	0	0	0	0	0				L	P	3,300	9	MC			
413	1	0	0	0	1	0				S	P	2,730	8	z	MisL	2,884	
414	1	0	0	0	1	0				S	P	2,100	10	A	MisL	3,195	
415	1	0	0	0	0	0				S	P						
416	5	1	0	0	4	0				S	P						
417	1	1	0	0	0	0				S	P						
418	4	0	0	0	3	0				S	P						
419	1	1	0	0	1	0				S	P						
420	10	0	0	0	7	0				S	P						

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
421	Epworth East, White	Tar Springs; MisU	1946	80	51	43	0	0	
422		Cypress; MisU		60	s	s	0	0	
423		Aux Vases; MisU		20	s	s	0	0	
424		9		10	4	2	0	0	
425	Ewing, Franklin	Aux Vases; MisU	1944	160	215	54	0	0	
426		McClosky; MisL		20	13	13	0	0	
427		McClosky; MisL		140	202	41	0	0	
428		9		80	39	6	0	0	
429	Exchange, Marion	Aux Vases; MisU	1943	40	23	4	0	0	
430	Fairfield, Wayne	Aux Vases; MisU	1942	20	1	1	0	0	
431	Fairfield East, Wayne	Aux Vases; MisU	1947	460	1,236	52	0	0	
432	Fairman, Marion, Clinton	Bethel; MisU	1939	10	8	2	0	0	
433	Fitzgerrell, Jefferson	Bethel; MisU	1944	10	z	z	0	0	
434	Flora, Clay	Aux Vases; MisU	1938	10	z	z	0	0	
435		Bethel; MisU		10	z	z	0	0	
436		Aux Vases; MisU ²⁶		640	827	70	0	0	
437		McClosky; MisL		30	z	z	0	0	
438	Flora South, Clay	Aux Vases; MisU ²⁶	1946	10	z	z	0	0	
439		McClosky; MisL		620	z	z	0	0	
440		9		40	56	17	0	0	
441		McClosky; MisL		160	59	3	0	0	
442	Friendsville, Wabash	Biehl; Pen	1941	z	z	z	0	0	
443		Palestine; MisU		z	z	z	0	0	
444		Bethel; MisU		z	z	z	0	0	
445		Lower O'Hara; MisL		z	z	z	0	0	
446	Friendsville Central, Wabash	McClosky; MisL	1942	z	z	z	0	0	
447		9		z	z	z	0	0	
448		Bethel; MisU		1946	40	11	7	0	0
449		Biehl; Pen		1946	120	24	11	0	0
450	Friendsville North, Wabash	Biehl; Pen	1942	400	648	110	0	0	
451		Biehl; Pen		z	z	z	0	0	
452		Palestine; MisU		z	z	z	0	0	
453		Cypress; MisU		z	z	z	0	0	
454	Friendsville South, Wabash	Paint Creek; MisU	1942	z	z	z	0	0	
455		Lower O'Hara; MisL		z	z	z	0	0	
456		McClosky; MisL		z	z	z	0	0	
457		9		z	z	z	0	0	
458	Gays, Moultrie	Aux Vases; MisU	1946	10	.1	1	0	0	
459		9		120	102	28	0	0	
460		Aux Vases; MisU		1942	100	102	28	0	0
461		Rosiclare; MisL		40	0	0	0	0	
462	Geff West, Wayne	McClosky; MisL ²⁷	1939	20	0	0	0	0	
463		9		z	z	z	0	0	
464		Aux Vases; MisU		1,320	1,675	235	0	0	
465		Lower O'Hara; MisL		z	z	z	0	0	
466	Goldengate Consol., Wayne	Rosiclare; MisL	1939	z	z	z	0	0	
467		McClosky; MisL		z	z	z	0	0	
468		9		z	z	z	0	0	
469		z		z	z	z	0	0	
470	Goldengate North, Wayne	Stc. Genevieve; MisL	1945	40	20	6	0	0	
471		McClosky; MisL		1943	40	.7	0	0	0
472		9		1939	360	660	76	0	0
473		Biehl; Pen		z	z	z	0	0	
474	Gossett, White ²⁸	Palestine; MisU	1939	z	z	z	0	0	
475		Waltersburg; MisU		z	z	z	0	0	
476		Cypress; MisU		z	z	z	0	0	
477		McClosky; MisL		z	z	z	0	0	
478	Grayville, Edwards, White	9	1941	z	z	z	0	0	
479		Biehl; Pen		z	z	z	0	0	
480		Palestine; MisU		z	z	z	0	0	
481		Waltersburg; MisU		z	z	z	0	0	
482	Grayville West, White	Cypress; MisU	1941	z	z	z	0	0	
483		McClosky; MisL		z	z	z	0	0	
484		9		z	z	z	0	0	
485		z		z	z	z	0	0	

²⁸Abandoned 1946.

TABLE 1 — Continued

Line Number	Number of Wells ^a		Wells Producing ^a Dec. 1947		Reservoir Pressure, Psi ^b		Secondary Recovery/ Initial Avg./End 1947	Character of Oil ^c		Producing Formation					Deepest Zone Tested ^m to End of 1947	
	Completed to End of 1947	1947		Oil ³		Gas		Gravity A.P.I. ²	Sulphur, Per Cent	Character ^d	Porosity, Per Cent ^e	Depth to Top of Producing Zone, Ft. ^f	Productive Thickness, Avg. Ft.* Net	Structure ^g	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift											
421	6	4	0	0	6	0								MisL	3,127	
422	3	3	0	0	3	0										
423	1	0	0	0	1	0										
424	1	0	0	0	1	0										
425	1	1	0	0	1	1										
426	8	0	0	0	8	0								MisL	3,094	
427	1	1	0	0	1	1										
428	7	0	0	0	7	0										
429	2	0	0	0	2	0								MC	2,868	
430	2	0	0	0	2	0								AL	3,362	
431	1	1	0	0	1	1								ML	3,327	
432	25	0	5	0	12	0		35.2	0.27					A	4,100	
433	1	0	0	0	1	0								MisL	3,012	
434	1	0	0	0	1	0										
435	0	0	0	0	0	0										
436	29	0	1	0	22	0								MisL	3,100	
437	1	0	0	0	1	0		37.4						A		
438	0	0	0	0	0	0								A		
439	27	0	0	0	19	0	W	37.2	0.24	OL				A		
440	1	0	0	0	1	0										
441	2	0	0	0	2	0										
442	15	0	0	0	15	0								MisL	3,136	
443	7	0	0	0	7	0		31.0	0.22							
444	1	0	0	0	1	0		27.3	0.25							
445	1	0	0	0	1	0								A		
446	4	0	0	0	4	0								AC		
447	1	0	0	0	1	0								AC		
448	1	0	0	0	1	0										
449	3	2	0	0	3	0								MC	2,630	
450	11	0	2	0	3	0	W							MisL	2,592	
451	30	0	0	0	24	0								MisL	2,712	
452	4	0	0	0	4	0		31.0	0.22					A		
453	3	0	0	0	2	0		27.3	0.25					A		
454	11	0	0	0	7	0		35.2	0.17					A		
455	2	0	0	0	0	0		36.7	0.18					A		
456	1	0	0	0	1	0				OL				AC		
457	2	0	0	0	2	0				L				AC		
458	7	0	0	0	9	0										
459	1	0	0	0	1	0								ML		
460	10	7	0	0	7	0								MisL	2,011	
461	8	5	0	0	3	0										
462	1	0	0	0	1	0								AL	3,320	
463	0	0	0	0	0	0								AC		
464	1	0	0	0	1	0								AC		
465	47	1	1	0	38	0								Dev	5,645	
466	6	0	0	0	4	0		39.2	0.14	S				AL		
467	5	0	0	0	3	0				OL				AC		
468	6	1	0	0	3	0				SL				AC		
469	18	0	0	0	13	0		34.4	0.18	OL				AC		
470	12	0	1	0	12	0										
471	2	0	0	0	2	0				L				P	3,310	
472	1	0	0	0	1	0				L				P	3,080	
473	30	5	0	0	21	0								MisL	3,460	
474	10	2	0	0	9	0								MisL	3,090	
475	1	0	0	0	1	0										
476	2	2	0	0	2	0								MF	3,267	
477	6	1	0	0	5	0								AF		
478	0	0	0	0	0	0								AF		
479	2	0	0	0	2	0		35.8	0.31	L				A		
480	4	1	0	0	3	0								MisL	3,317	

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
481		Cypress; MisU		20	29	3	0	0	0
482		McClosky; MisL		20	28	2	0	0	0
483	Half Moon, Wayne		1947	40	1	1	0	0	0
484		Rosiclare; MisL		20	.8	.8	0	0	0
485		McClosky; MisL		20	.4	.4	0	0	0
486	Helena, Lawrence	Waltersburg; MisU	1947	40	3	3	0	0	0
487	Herald, White, Gallatin		1940	1,600	1,710	650	40	3	3
488		Pennsylvanian; Pen		x	x	x	0	0	0
489		Pennsylvanian; Pen		x	x	x	0	0	0
490		Pennsylvanian; Pen		x	x	x	40	3	3
491		Degonia; MisU		x	x	x	0	0	0
492		Waltersburg; MisU		x	x	x	0	0	0
493		Tar Springs; MisU		x	x	x	0	0	0
494		Cypress; MisU		x	x	x	0	0	0
495		Bethel; MisU		x	x	x	0	0	0
496		Aux Vases; MisU		x	x	x	0	0	0
497		Lower O'Hara; MisL		x	x	x	0	0	0
498		Rosiclare; MisL		x	x	x	0	0	0
499		McClosky; MisL		x	x	x	0	0	0
500									
501	Herald East, White		1947	240	149	149	0	0	0
502		Waltersburg; MisU		x	x	x	0	0	0
503		Tar Springs; MisU		x	x	x	0	0	0
504		Aux Vases; MisU		x	x	x	0	0	0
505	Hidalgo, Jasper ³⁶	McClosky; MisL	1940	20	10	0	0	0	0
506	Hidalgo North, Cumberland	Rosiclare; MisL	1946	20	3	2	0	0	0
507	Hill, Effingham	McClosky; MisL	1943	80	38	2	0	0	0
508	Hoffman, Clinton		1939	360	576	27	0	0	0
509		Cypress; MisU		x	x	x	0	0	0
510		Bethel; MisU		x	x	x	0	0	0
511									
512	Hoodville East, Hamilton ³⁷	McClosky; MisL	1944	20	.6	0	0	0	0
513	Hoosier, Clay		1946	200	108	55	0	0	0
514		Cypress; MisU		x	43	23	0	0	0
515		Aux Vases; MisU		x	11	8	0	0	0
516		Rosiclare; MisL		x	54	24	0	0	0
517	Hoosier North, Clay		1946	100	21	21	0	0	0
518		Cypress; MisU		x	x	x	0	0	0
519		Aux Vases; MisU		x	1	1	0	0	0
520		Lower O'Hara; MisL ³⁷		x	x	x	0	0	0
521		McClosky; MisL		x	x	x	0	0	0
522									
523	Huey, Clinton	Bethel; MisU	1945	80	.4	0	0	0	0
524	Hunt City, Jasper	Rosiclare; MisL	1945	20	.4	0	0	0	0
525	Hunt City South, Jasper	McClosky; MisL	1947	40	2	2	0	0	0
526	Ina, Jefferson ³⁸	St. Louis; MisL	1938	20	16	0	0	0	0
527	Inclose, Edgar	Pennsylvanian; Pen	1941	20	.5	.5	0	0	0
528	Ingraham, Clay ³⁹	McClosky; MisL	1942	60	3	0	0	0	0
529	Ingraham West, Clay		1945	560	822	266	0	0	0
530		Cypress; MisU		x	x	x	0	0	0
531		Bethel; MisU		x	x	x	0	0	0
532		Aux Vases; MisU		x	x	x	0	0	0
533		Rosiclare; MisL		x	x	x	0	0	0
534		McClosky; MisL		x	x	x	0	0	0
535									
536	Inman, Gallatin		1940	100	91	9	0	0	0
537		Pennsylvanian; Pen		x	x	x	0	0	0
538		Palestine; MisU		x	x	x	0	0	0
539		Waltersburg; MisU		x	x	x	0	0	0
540		Aux Vases; MisU		x	x	x	0	0	0

³⁶Abandoned 1943.³⁷Abandoned 1944.³⁸Abandoned 1946.³⁹Abandoned 1942, revived 1943, abandoned 1944.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery/	Character of Oil ^g		Producing Formation				Deepest Zone Tested ^m to End of 1947			
	Completed to End of 1947	1947		Oil ^h		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ^a	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. ^k Net	Structure ^l	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
481	2	1	0	0	2	0		37.0	s	s	L	P	2,860	15	MF		
482	2	0	0	0	1	0		s	s	s	L	P	3,195	7	MF		
483	2	2	0	0	2	0		s	s	s	L	P				MisL	3,467
484	1	1	0	0	1	0		s	s	s	L	P	3,340	5	s		
485	1	1	0	0	1	0		s	s	s	L	P	3,355	5	s		
486	4	4	0	0	2	0		s	s	s	L	P	1,780	8	s	MisL	2,496
487	130	29	0	0	0	114		s	s	s	L	P				MisL	3,394
488	7	3	0	0	6	0		s	s	s	L	P	1,060	10	A		
489	1	1	0	0	1	0		s	s	s	L	P	1,500	15	A		
490	3	1	0	0	3	0		28.0	s	s	L	P	1,750	13	A		
491	1	1	0	0	1	0		s	s	s	L	P	1,920	12	A		
492	1	0	0	0	1	0		s	s	s	L	P			A		
493	11	1	0	0	9	0		37.2	0.24	s	L	P	2,260	13	AL		
494	61	9	2	0	59	0		37.2	0.22	s	L	P	2,660	14	AL		
495	5	3	0	0	4	0		s	s	s	L	P	2,790	10	AL		
496	25	5	2	0	19	0		s	s	s	L	P	2,820	11	AL		
497	3	1	0	0	2	0		s	s	s	L	P	2,965	6	AF		
498	2	0	0	0	1	0		s	s	s	L	P	3,005	4	A		
499	7	2	0	0	5	0		s	s	s	L	P	3,010	10	A		
500	3	2	1	0	4	0		s	s	s	L	P					
501	24	24	0	0	24	0		s	s	s	L	P				MisL	3,150
502	5	5	0	0	5	0		s	s	s	L	P	2,290	10	A		
503	2	2	0	0	2	0		s	s	s	L	P	2,390	10	A		
504	17	17	0	0	17	0		s	s	s	L	P	2,430	16	A		
505	2	0	0	0	0	0		36.6	0.20	s	L	P	2,590	10	MC	Dev	4,140
506	2	0	0	0	1	0		s	s	s	L	P	2,650	5	MC	MisL	2,776
507	2	0	0	0	1	0		39.0	s	s	L	P	2,565	5	A	MisL	2,710
508	49	0	6	0	30	0		s	s	s	L	P				Dev	2,914
509	11	0	1	0	6	0		s	s	s	L	P	1,190	11	A		
510	37	0	5	0	24	0		33.2	0.21	s	L	P	1,320	7	A		
511	1	0	0	0	0	0		s	s	s	L	P					
512	1	0	0	0	0	0		s	s	s	L	P	3,365	3	N		
513	10	0	0	0	10	0		s	s	s	L	P				MisL	3,411
514	6	0	0	0	6	0		s	s	s	L	P	2,600	15	A		
515	1	0	0	0	1	0		s	s	s	L	P	2,845	25	A		
516	3	0	0	0	3	0		s	s	s	L	P	2,910	10	A		
517	6	5	0	0	6	0		s	s	s	L	P				MisL	3,020
518	1	1	0	0	1	0		s	s	s	L	P	2,560	5	A		
519	1	1	0	0	1	0		s	s	s	L	P	2,810	7	A		
520	0	0	0	0	0	0		s	s	s	L	P	2,880	6	A		
521	3	3	0	0	3	0		s	s	s	L	P	2,900	4	A		
522	1	1	0	0	1	0		s	s	s	L	P					
523	3	0	0	0	0	0		s	s	s	L	P	1,260	6	AL	Dev	2,720
524	1	0	0	0	0	0		s	s	s	L	P	2,540	13	MC	MisL	2,716
525	1	1	0	0	1	0		s	s	s	L	P	2,435	20	MC	MisL	2,460
526	2	0	0	0	0	0		36.4	0.20	s	L	P	3,000	4	AC	MisL	3,100
527	3	1	1	0	1	0		s	s	s	L	P	340	8	AL	Pen	600
528	3	0	0	0	0	0		36.8	0.21	s	L	P	3,100	7	MC	MisL	3,148
529	46	1	1	0	45	0		s	s	s	L	P				MisL	3,625
530	23	1	0	0	27	0		s	s	s	L	P	2,520	8	A		
531	2	0	1	0	1	0		s	s	s	L	P	2,680	18	A		
532	1	0	0	0	1	0		s	s	s	L	P	2,770	4	A		
533	5	0	0	0	4	0		s	s	s	L	P	2,845	8	A		
534	8	0	0	0	6	0		s	s	s	L	P	2,860	5	A		
535	7	0	0	0	6	0		s	s	s	L	P					
536	8	2	0	0	5	0		s	s	s	L	P				MisL	3,010
537	1	1	0	0	1	0		s	s	s	L	P	925	8	AL		
538	2	0	0	0	2	0		30.6	s	s	L	P	1,750	13	AL		
539	2	1	0	0	1	0		s	s	s	L	P	1,995	5	AL		
540	1	0	0	0	1	0		s	s	s	L	P	2,745	13	AL		

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
541		Rosiclare; MisL		z	z	z	0	0	0
542		Lower O'Hara; MisL		z	z	z	0	0	0
543	Inman East, Gallatin.....		1940	1,080	3,906	341	0	0	0
544		Pennsylvanian; Pen		z	z	z	0	0	0
545		Degonia; MisU ²⁶		z	z	z	0	0	0
546		Clore; MisU		z	z	z	0	0	0
547		Palestine; MisU		z	z	z	0	0	0
548		Waltersburg; MisU		z	z	z	0	0	0
549		Tar Springs; MisU		z	z	z	0	0	0
550		Hardinsburg; MisU		z	z	z	0	0	0
551		Cypress; MisU		z	z	z	0	0	0
552		McClosky; MisL		z	z	z	0	0	0
553				z	z	z	0	0	0
554	Inman North, Gallatin.....		1941	320	86	75	0	0	0
555		Waltersburg; MisU		z	z	z	0	0	0
556		Tar Springs; MisU		z	z	z	0	0	0
557		Hardinsburg; MisU		z	z	z	0	0	0
558		Cypress; MisU		z	z	z	0	0	0
559		Bethel; MisU		z	z	z	0	0	0
560		Aux Vases; MisU		z	z	z	0	0	0
561		McClosky; MisL		z	z	z	0	0	0
562				z	z	z	0	0	0
563	Inman West, Gallatin.....		1942	360	485	49	0	0	0
564		Palestine; MisU ²⁷		z	z	z	0	0	0
565		Tar Springs; MisU		z	z	z	0	0	0
566		Cypress; MisU		z	z	z	0	0	0
567		McClosky; MisL ²⁸		z	z	z	0	0	0
568				z	z	z	0	0	0
569	Iola, Clay ¹⁰		1939	1,600	3,904	497	0	0	0
570		Tar Springs; MisU		z	z	z	0	0	0
571		Cypress; MisU		z	z	z	0	0	0
572		Paint Creek; MisU		z	z	z	0	0	0
573		Bethel; MisU		z	z	z	0	0	0
574		Aux Vases; MisU		z	z	z	0	0	0
575		Rosiclare; MisL ²⁷		z	z	z	0	0	0
576		McClosky; MisL		z	z	z	0	0	0
577				z	z	z	0	0	0
578	Iola South, Clay.....	McClosky; MisL	1947	40	4	4	0	0	0
579	Iola West, Clay ¹¹	McClosky; MisL	1945	20	5	0	0	0	0
580	Iron, White.....		1940	900	3,363	114	0	0	0
581		Waltersburg; MisU ²⁷		z	z	z	0	0	0
582		Tar Springs; MisU		z	z	z	0	0	0
583		Hardinsburg; MisU		z	z	z	0	0	0
584		Cypress; MisU		z	z	z	0	0	0
585		Bethel; MisU		z	z	z	0	0	0
586		McClosky; MisL		z	z	z	0	0	0
587				z	z	z	0	0	0
588	Irvington, Washington.....		1940	960	4,234	271	0	0	0
589		Cypress; MisU		z	z	z	0	0	0
590		Bethel; MisU		z	z	z	0	0	0
591		Devonian; Dev		z	z	57	0	0	0
592				z	z	z	0	0	0
593	Iuka, Marion.....	McClosky; MisL	1947	40	20	20	0	0	0
594	Johnsonville, Consol, Wayne.....		1941	5,800	19,274	919	0	0	0
595		Bethel; MisU		z	z	z	0	0	0
596		Aux Vases; MisU		z	z	z	0	0	0
597		Lower O'Hara; MisL		z	z	z	0	0	0
598		Rosiclare; MisL		z	z	z	0	0	0
599		McClosky; MisL		z	z	z	0	0	0
600				z	z	z	0	0	0

¹⁰Abandoned 1940, revived 1941.

¹¹Abandoned 1945.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ¹		Secondary Recovery/	Character of Oil ²		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ⁸		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ⁴	Porosity, Per Cent ⁵	Depth to Top of Producing Zone, Ft. ⁷	Productive Thickness, Avg. Ft. ⁶ Net	Structure ¹	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
541	1	0	0	0	0	0		38.0	0.20	L	P	2,805	8	AC			
542	1	0	0	0	0	0		s	s	L	P	2,735	10	AC			
543	101	0	0	0	92	0		s	s	s	s	s	s	MisL		3,020	
544	1	0	0	0	0	0		s	s	s	P	780	10	Af			
545	0	0	0	0	0	0		s	s	s	P	1,690	10	Af			
546	0	0	0	0	0	0		s	s	s	P	1,725	10	Af			
547	0	0	0	0	0	0		s	s	s	P	1,840	13	Af			
548	17	0	0	0	15	0		s	s	s	P	1,980	18	Alf			
549	46	0	0	0	31	0	W	34.6	0.24	s	P	2,080	15	AF			
550	0	0	0	0	0	0		s	s	s	P	2,135	10	Alf			
551	18	0	0	0	15	0		35.2	0.23	s	P	2,390	12	Alf			
552	3	0	0	0	0	0		s	s	L	P	2,800	10	ACf			
553	11	0	0	0	25	0		s	s	s	s	s	s				
554	28	23	0	0	23	0		s	s	s	s	s	s	MisL		3,060	
555	0	0	0	0	0	0		s	s	s	P	s	s	ML			
556	8	0	0	0	1	0		s	s	s	P	2,180	15	ML			
557	3	3	0	0	3	0		s	s	s	P	2,340	12	ML			
558	11	11	0	0	9	0		s	s	s	P	2,505	10	ML			
559	0	0	0	0	0	0		s	s	s	P	s	s	ML			
560	1	0	0	0	1	0		s	s	s	P	2,815	25	ML			
561	3	0	0	0	0	0		36.6	0.19	L	P	2,870	11	MC			
562	2	2	0	0	1	0		s	s	s	s	s	s				
563	26	5	0	0	24	0		s	s	s	P	1,915	25	AL	MisL	2,990	
564	0	0	0	0	0	0		s	s	s	P	2,185	15	AL			
565	2	1	0	0	2	0		38.0	s	s	P	2,500	10	AL			
566	15	1	0	0	14	0		s	s	L	P	2,880	8	A			
567	0	0	0	0	0	0		s	s	s	s	s	s				
568	9	3	0	0	8	0		s	s	s	P	2,880	8	A			
569	125	8	1	0	114	0		s	s	s	s	s	s	MisL		2,590	
570	0	0	0	0	1	0		s	s	s	P	1,890	9	D			
571	26	6	0	0	23	0		s	s	s	P	2,125	15	D			
572	0	0	0	0	2	0		s	s	s	P	2,255	9	D			
573	5	0	1	0	2	0		36.0	0.14	s	P	2,290	12	D			
574	58	0	0	0	50	0		35.4	0.25	s	P	2,325	10	D			
575	0	0	0	0	0	0		s	s	SL	P	2,400	7	D			
576	9	0	0	0	4	0		s	s	OL	P	2,425	10	D			
577	27	0	0	0	32	0		s	s	s	P	2,495	11	AC	MisL	2,703	
578	1	1	0	0	1	0		s	s	L	P	2,580	2	MC	MisL	2,613	
579	1	0	0	0	0	0		s	s	L	P	2,495	11	MC	MisL	3,246	
580	72	0	4	0	53	0		s	s	s	P	2,270	8	AL			
581	0	0	0	0	0	0		s	s	s	P	2,385	14	Alf			
582	6	0	0	0	4	0		36.4	s	s	P	2,500	18	AF			
583	38	0	0	0	33	0		37.2	0.30	s	P	2,720	15	AL			
584	3	0	0	0	2	0		38.0	s	s	P	2,850	10	AL			
585	1	0	0	0	0	0		s	s	L	P	3,060	10	ACf			
586	21	0	4	0	11	0		39.0	0.20	L	P	3,060	10	ACf			
587	3	0	0	0	3	0		s	s	s	s	s	s				
588	89	1	1	0	80	0		s	s	s	P	1,380	10	A	Dev	3,362	
589	2	0	0	0	2	0		37.6	s	s	P	1,535	10	A			
590	79	1	1	0	64	0		37.6	0.16	s	P	3,090	5	A			
591	7	0	0	0	8	0		39.0	0.27	L	C	s	s				
592	1	0	0	0	6	0		s	s	s	s	s	s				
593	1	1	0	0	0	0		s	s	L	P	2,870	8	MC	MisL	2,911	
594	306	2	2	0	269	0		s	s	s	P	2,950	12	AL	Dev	5,198	
595	0	0	0	0	0	0		s	s	s	P	3,020	20	AL			
596	61	1	0	0	54	0		39.4	0.14	s	P	3,120	10	AC			
597	5	0	0	0	4	0		s	s	OL	P	3,150	8	AC			
598	3	0	0	0	3	0		s	s	OL	P	3,170	15	AC			
599	219	1	2	0	169	0		38.0	0.17	OL	P	3,170	15	AC			
600	18	0	0	0	37	0		s	s	s	s	s	s				

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production			Gas Production		
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
601	Johnsonville North, Wayne.....	Lower O'Hara; MisL	1943	40	33	3	0	0	0
602		McClosky; MisL		40	x	x	0	0	0
603				40	x	x	0	0	0
604	Johnsonville South, Wayne.....	Aux Vases; MisU	1942	260	89	70	0	0	0
605		McClosky; MisL		x	x	x	0	0	0
606				x	x	x	0	0	0
607				x	x	x	0	0	0
608	Johnsonville West, Wayne ^{d2}	Aux Vases; MisU	1942	200	23	11	0	0	0
609		McClosky; MisL		x	8	1	0	0	0
610				x	15	10	0	0	0
611	Junction, Gallatin.....	Pennsylvanian; Pen	1939	150	255	14	0	0	0
612		Waltersburg; MisU		10	x	x	0	0	0
613				140	x	x	0	0	0
614	Junction North, Gallatin.....	Pennsylvanian; Pen	1946	20	2	2	0	0	0
615		Aux Vases; MisU		10	2	2	0	0	0
616				10	0	0	0	0	0
617	Keensburg Consol., Wabash.....	Biehl; Pen	1939	2,350	7,309	350	0	0	0
618		Clore; MisU		x	x	x	0	0	0
619		Palestine; MisU		x	x	x	0	0	0
620		Tar Springs; MisU		x	x	x	0	0	0
621		Cypress; MisU		x	x	x	0	0	0
622		Paint Creek; MisU		x	x	x	0	0	0
623		Bethel; MisU		x	x	x	0	0	0
624		McClosky; MisL		x	x	x	0	0	0
625				x	x	x	0	0	0
626				x	x	x	0	0	0
627	Keensburg East, Wabash ^{d3}	Lower O'Hara; MisL	1939	60	9	.5	0	0	0
628		McClosky; MisL		20	x	x	0	0	0
629				40	x	x	0	0	0
630	Keensburg South, Wabash.....	Pennsylvanian; Pen	1944	60	67	13	0	0	0
631		Lower O'Hara; MisL		x	24	4	0	0	0
632				x	43	9	0	0	0
633	Keenville, Wayne.....	Aux Vases; MisU	1945	360	513	165	0	0	0
634		Lower O'Hara; MisL		x	x	x	0	0	0
635		McClosky; MisL		x	x	x	0	0	0
636				x	x	x	0	0	0
637				x	x	x	0	0	0
638	Kell, Jefferson ^{d4}	McClosky; MisL	1942	40	3	0	0	0	0
639	Kenner, Clay.....	Tar Springs; MisU	1942	560	504	95	0	0	0
640		Bethel; MisU		x	x	x	0	0	0
641		Aux Vases; MisU ^{d7}		x	x	x	0	0	0
642		Rosiclare; MisL		x	1	1	0	0	0
643		McClosky; MisL		x	x	x	0	0	0
644				x	x	x	0	0	0
645	Kenner North, Clay.....	Bethel; MisU	1947	200	222	222	0	0	0
646		Aux Vases; MisU		x	x	x	0	0	0
647		McClosky; MisL		x	x	x	0	0	0
648				x	x	x	0	0	0
649	Kenner West, Clay.....	Cypress; MisU	1947	220	225	225	0	0	0
650		Bethel; MisU		x	x	x	0	0	0
651		McClosky; MisL ^{d7}		x	x	x	0	0	0
652				x	x	x	0	0	0
653				x	x	x	0	0	0
654				x	x	x	0	0	0
655	King, Jefferson.....	Aux Vases; MisU	1942	680	996	113	0	0	0
656		Lower O'Hara; MisL ^{d7}		x	x	x	0	0	0
657		Rosiclare; MisL		x	x	x	0	0	0
658		McClosky; MisL		x	x	x	0	0	0
659				x	x	x	0	0	0
660				x	x	x	0	0	0

^{d2}Abandoned 1942, revived 1943.^{d3}Abandoned 1943, revived 1945.^{d4}Abandoned 1946.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Pst ^f		Secondary Recovery ^g	Character of Oil ^h		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ^e		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ⁴	Porosity, Per Cent ⁵	Depth to Top of Producing Zone, Ft. ⁶	Productive Thickness, Avg. Ft. & Net	Structure ⁷	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
601	1	0	0	0	1	0									MisL	3,324	
602	0	0	0	0	0	0		37.6	0.18	OL	P	3,190	3	AC			
603	0	0	0	0	0	0		37.6	0.18	OL	P	3,250	3	AC			
604	1	0	0	0	0	0											
605	18	12	2	0	13	0									MisL	3,266	
606	14	10	2	0	11	0		39.0		L	P	3,060	15	A			
607	4	2	0	0	2	0				L	P	3,200	5	AC			
608	9	5	0	0	8	0				L	P	2,960	12	ML		3,251	
609	5	4	0	0	5	0				L	P	3,100	6	MC			
610	4	1	0	0	3	0				L	P	1,430	19			2,710	
611	15	1	1	0	14	0					P	1,770	25				
612	1	1	1	0	0	0		37.2	0.22	S	P	1,770	25	z	AF		
613	14	0	0	0	14	0					P	1,565	16	z		2,929	
614	2	1	0	0	2	0					P	2,725	10	z			
615	1	1	0	0	0	0					P	1,720	10	AL		3,065	
616	1	0	0	0	0	0					P	1,800	10	AL			
617	272	15	4	0	171	0		38.0		S	P	1,900	13	AL			
618	21	4	0	0	15	0					P	2,100	15	AL			
619	1	0	0	0	1	0					P	2,250	15	A			
620	4	0	0	0	2	0					P	2,550	12	AL			
621	2	0	0	0	2	0		38.6	0.29	S	P	2,575	13	AL			
622	212	1	0	0	115	0					P	2,800	7	AC			
623	2	0	0	0	2	0		36.6		L	P	2,705	10	MC		2,785	
624	4	3	0	0	2	0		37.7	0.38	L	P	2,710	6	MC			
625	7	0	0	0	7	0					P	2,715	10	AL		2,879	
626	19	5	0	0	25	0					P	2,715	10	AC			
627	3	0	0	0	3	0					P	2,980	6	AL		3,287	
628	0	0	0	0	0	0					P	3,050	8	A			
629	2	0	0	0	2	0					P	3,100	7	A			
630	3	0	0	0	3	0					P	2,625	6	A		2,720	
631	2	0	0	0	2	0		36.6	0.26	L	P	2,200	7	AL		3,035	
632	1	0	0	0	1	0					P	2,690	10	A			
633	32	5	0	0	30	0					P	2,835	9	AC			
634	8	2	0	0	6	0					P	2,875	5	AC			
635	2	0	0	0	2	0					P	2,930	7	AC			
636	20	3	0	0	19	0					P						
637	2	0	0	0	2	0					P						
638	1	0	0	0	1	0		36.6	0.26	L	P	2,625	6	A		2,720	
639	44	3	0	0	43	0					P	2,200	7	AL		3,035	
640	1	0	0	0	1	0					P	2,690	10	A			
641	40	2	0	0	40	0		38.8	0.22	S	P	2,835	9	AC			
642	0	0	0	0	0	0					P	2,875	5	AC			
643	1	1	0	0	1	0					P	2,930	7	AC			
644	1	0	0	0	1	0					P						
645	1	0	0	0	1	0					P						
646	24	24	1	0	23	0					P				MisL	3,076	
647	18	18	0	0	18	0					P	2,755	8	A			
648	1	1	1	0	0	0					P	2,790	10	AL			
649	5	5	0	0	4	0					P	2,970	10	AC			
650	0	0	0	0	0	0					P						
651	21	21	0	0	21	0					P				MisL	3,058	
652	8	8	0	0	8	0					P	2,570	16	A			
653	2	2	0	0	2	0					P	2,705	10	A			
654	0	0	0	0	0	0					P	2,870	4	AC			
655	11	11	0	0	11	0					P						
656	32	0	0	0	27	0					P				Dev	4,760	
657	23	0	0	0	16	0		38.6	0.17	S	P	2,725	15	AL			
658	0	0	0	0	0	0					P	2,765	10	AC			
659	2	0	0	0	1	0		39.6	0.16	SL	P	2,815	10	AC			
660	0	0	0	0	0	0					P	2,840	5	AC			

TABLE 1—Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
661		⁹							
662	La Clede, Fayette.....	Bethel; MisU	1943	50	6	2	0	0	0
663	Lakewood, Shelby.....		1941	100	72	20	0	0	0
664		Bethel; MisU		80	43	16	0	0	0
665		Aux Vases; MisU		20	29	4	0	0	0
666	Lancaster, Wabash, Lawrence.....		1940	1,100	2,036	197	0	0	0
667		Bethel; MisU		x	x	x	0	0	0
668		Lower O'Hara; MisL		x	x	x	0	0	0
669		McClosky; MisL		x	x	x	0	0	0
670		⁹							
671	Lancaster Central, Wabash.....	Ste. Genevieve; MisL	1946	200	249	197	0	0	0
672	Lancaster East, Wabash.....		1944	20	12	11	0	0	0
673		Biehl; Pen		10	2	1	0	0	0
674		Rosiclare; MisL		10	10	10	0	0	0
675	Lancaster South, Wabash.....	McClosky; MisL	1946	20	14	5	0	0	0
676	Lancaster West, Edwards, Wabash.....	Ste. Genevieve; MisL	1943	80	127	10	0	0	0
677	Leech Consol., Wayne, White ⁴⁸		1938	1,120	1,605	146	0	0	0
678		Aux Vases; MisU		x	x	x	0	0	0
679		Lower O'Hara; MisL		x	x	x	0	0	0
680		Rosiclare; MisL		x	x	x	0	0	0
681		McClosky; MisL		x	x	x	0	0	0
682		⁹							
683	Lexington, Wabash.....	McClosky; MisL	1947	120	205	205	0	0	0
684	Lillyville, Cumberland, Effingham.....	McClosky; MisL	1946	120	103	94	0	0	0
685	Louden, Fayette, Effingham.....		1937	20,700	137,605	7,413	160	x	x
686		Bartschi; Pen		0	0	0	160	x	x
687		Cypress; MisU		x	x	x	0	0	0
688		Paint Creek; MisU		x	x	x	0	0	0
689		Bethel; MisU		x	x	x	0	0	0
690		Aux Vases; MisU		x	x	x	0	0	0
691		Devonian; Dev		x	10,609	1,070	0	0	0
692		⁹							
693	McKinley, Washington.....		1940	100	197	4	0	0	0
694		Bethel; MisU		80	192	4	0	0	0
695		Devonian; Dev		20	5	0	0	0	0
696	Maple Grove, Edwards.....	McClosky; MisL	1943	800	1,162	194	0	0	0
697	Maple Grove East, Edwards ⁴⁶	McClosky; MisL	1944	120	18	0	0	0	0
698	Maple Grove South, Edwards.....	Lower O'Hara; MisL	1945	20	8	1	0	0	0
699	Marcoe, Jefferson ⁴⁷	McClosky; MisL	1938	20	13	0	0	0	0
700	Marine, Madison ⁴⁷	Silurian; Sil	1943	2,640	3,602	1,074	0	0	0
701	Markham City, Jefferson.....	Ste. Genevieve; MisL	1942	660	987	55	0	0	0
702	Markham City North, Jefferson, Wayne..		1943	480	701	57	0	0	0
703		Aux Vases; MisU		x	x	x	0	0	0
704		McClosky; MisL		x	x	x	0	0	0
705	Markham City West, Jefferson.....		1945	460	774	450	0	0	0
706		Aux Vases; MisU		x	x	x	0	0	0
707		McClosky; MisL		x	x	x	0	0	0
708		⁹							
709	Mason, Effingham.....	McClosky; MisL	1940	60	190	3	0	0	0
710	Mason South, Effingham, Clay.....		1941	720	1,328	182	0	0	0
711		Bethel; MisU		x	x	x	0	0	0
712		Aux Vases; MisU		x	x	x	0	0	0
713		Rosiclare; MisL		x	x	x	0	0	0
714		McClosky; MisL		x	x	x	0	0	0
715		⁹							
716	Massilon, Wayne, Edwards.....	Ste. Genevieve; MisL	1946	60	58	53	0	0	0
717	Massilon South, Edwards ⁴⁹	Lower O'Hara; MisL	1947	10	3	3	0	0	0
718	Mattoon, Coles ⁵⁰		1939	4,200	6,835	2,058	0	0	0
719		Cypress; MisU		x	x	x	0	0	0
720		Aux Vases; MisU		x	x	x	0	0	0

⁴⁶Includes Burnt Prairie.⁴⁶Abandoned 1947.⁴⁷Abandoned 1941.⁴⁸Reef structure.⁴⁹Abandoned 1947.⁵⁰Abandoned 1939, revived 1943.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Character of Oil ^g		Producing Formation				Deepest Zone Tested ^m to End of 1947			
	Completed to End of 1947	1947		Oil ^h		Initial	Avg./End 1947	Gravity A.P.I. ^z	Sulphur, Per Cent	Character ⁴	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. * Net	Structure ^l	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift											
661	7	0	0	10	0											
662	3	0	0	2	0			35.6	0.18	S	P	2,335	15	T	MisL	2,608
663	8	0	0	8	0										MisL	1,794
664	6	0	0	6	0											
665	2	0	0	2	0			31.7	0.23	S	P	1,690	4	AL		
666	96	0	0	72	0										MisL	2,908
667	65	0	0	59	0			39.0		S	P	2,530	12	AL		
668	1	0	0	1	0					L	P	2,672	10	AC		
669	29	0	0	11	0			39.8	0.28	L	P	2,690	7	AC		
670	1	0	0	0	0											
671	13	9	0	13	0					OL	P	2,800	6	MC	MisL	2,888
672	2	1	0	2	0										MisL	2,750
673	1	0	0	1	0					S	P	1,750	10	ML		
674	1	0	0	1	0					L	P	2,660	6	ML		
675	1	0	0	1	0					L	P	2,720	12	MC	MisL	2,809
676	4	0	0	4	0			40.9	0.20	L	P	2,850	10	MC	MisL	3,125
677	60	6	1	45	0										MisL	3,522
678	11	1	0	10	0					S	P	3,245	20	AL		
679	1	0	0	1	0					L	P	3,320	10	AC		
680	2	0	0	2	0					L	P	3,360	10	AC		
681	44	4	1	28	0			39.0	0.19	L	P	3,400	8	AC		
682	0	0	0	0	0											
683	10	10	0	10	0					L	P	2,970	6	MC	MisL	3,031
684	8	5	0	3	0					L	P	2,425	8	A	Dev	4,000
685	1,998	8	8	43	0										St. Peter	4,680
686	4	0	0	0	0											
687	956	4	1	37	0			36.0	0.25	S	P	1,000	10	AL		
688	323	0	0	698	0			37.8	0.24	S	P	1,495	20	A		
689	420	0	0	170	0			37.8	0.24	S	P	1,540	15	A		
690	0	0	0	221	0			38.5	0.20	S	P	1,550	15	A		
691	84	0	0	2	0			38.5	0.20	S	P	1,630	9	A		
692	211	0	0	63	0			28.2	0.48	L	C	3,000	15	A		
693	8	0	0	631	0											
694	7	0	0	4	0										Dev	2,272
695	1	0	0	0	0			44.1	0.18	S	P	1,000	5	A		
696	38	5	2	0	0			41.7		L	C	2,250	5	A		
697	3	0	3	33	0					L	P	3,275	6	A	MisL	3,377
698	1	0	0	1	0					L	P	3,215	4	ML	MisL	3,315
699	2	0	0	0	0					L	P	3,250	10	ML	MisL	3,358
700	134	24	0	131	0			28.2	0.54	L	P	2,745	15	ML	MisL	3,066
701	19	0	0	14	0			35.2	0.28	L	P	1,740	5	R ⁴⁸	Ord	2,590
702	15	0	0	12	0			38.2	0.08	L	P	3,070	10	A	MisL	3,215
703	2	0	0	2	0										MisL	3,169
704	13	0	0	10	0			37.8	0.24	L	P	2,950	8	AL		
705	29	4	1	28	0							3,075	10	AC		
706	13	3	1	12	0							2,905	15	AL	MisL	3,182
707	13	0	0	8	0					S	P	3,035	7	AC		
708	3	1	0	8	0											
709	9	0	2	1	0			38.4	0.21	L	P	2,500	6	AC	MisL	2,584
710	64	2	3	55	0										MisL	2,553
711	21	0	3	13	0			38.0		S	P	2,290	20	A		
712	11	0	0	10	0					S	P	2,360	14	A		
713	7	2	0	5	0					L	P	2,430	8	A		
714	4	0	0	2	0			38.4	0.21	L	P	2,450	7	A		
715	21	0	0	22	0											
716	3	1	0	3	0					L	P	3,260	7	MC	MisL	3,472
717	1	1	1	0	0					L	P	3,315	9	MC	MisL	3,391
718	392	21	2	379	0										St. Peter	4,915
719	88	3	0	84	0			44.1	0.16	S	P	1,835	15	A		
720	2	1	0	2	0					S	P	1,900	15	A		

1745
48
1823

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
721		Rosiclare; MisL		z	z	z	0	0	0
722				z	z	z	0	0	0
723	Maud, Wabash.....		1940	250	438	25	0	0	0
724		Waltersburg; MisU		z	z	z	0	0	0
725		Cypress; MisU		z	z	z	0	0	0
726		Bethel; MisU		z	z	z	0	0	0
727		Aux Vases; MisU ²⁶		z	z	z	0	0	0
728		McClosky; MisL		z	z	z	0	0	0
729				z	z	z	0	0	0
730	Maud North, Wabash.....		1946	180	59	52	0	0	0
731		Bethel; MisU		z	z	z	0	0	0
732		Rosiclare; MisL		z	z	z	0	0	0
733	Maunie, White.....		1941	30	47	2	0	0	0
734		Bridgeport; Pen		z	z	z	0	0	0
735		Palestine; MisU		z	z	z	0	0	0
736	Maunie North, White.....		1941	320	253	40	0	0	0
737		Cypress; MisU		z	z	z	0	0	0
738		Bethel; MisU		z	z	z	0	0	0
739		Aux Vases; MisU		z	z	z	0	0	0
740		Ste. Genevieve; MisL		z	z	z	0	0	0
741				z	z	z	0	0	0
742	Maunie South, White.....		1941	860	2,244	137	0	0	0
743		Bridgeport; Pen		z	z	z	0	0	0
744		Degoma; MisU		z	z	z	0	0	0
745		Palestine; MisU		z	z	z	0	0	0
746		Waltersburg; MisU		z	z	z	0	0	0
747		Tar Springs; MisU		z	z	z	0	0	0
748		Cypress; MisU		z	z	z	0	0	0
749		Bethel; MisU ²⁷		z	z	z	0	0	0
750		Aux Vases; MisU		z	z	z	0	0	0
751		Ste. Genevieve; MisL ²⁶		z	z	z	0	0	0
752				z	z	z	0	0	0
753	Maunie West, White ⁵¹	McClosky; MisL	1945	20	5	0	0	0	0
754	Mayberry, Wayne.....	McClosky; MisL	1941	260	267	20	0	0	0
755	Miletus, Marion.....		1947	140	36	36	0	0	0
756		Bethel; MisU		z	z	z	0	0	0
757		Aux Vases; MisU		z	z	z	0	0	0
758		McClosky; MisL		z	z	z	0	0	0
759				z	z	z	0	0	0
760	Mill Shoals, White, Hamilton, Wayne.....		1939	1,960	4,524	423	0	0	0
761		Aux Vases; MisU		z	z	z	0	0	0
762		Lower O'Hara; MisL		z	z	z	0	0	0
763		Rosiclare; MisL		z	z	z	0	0	0
764		McClosky; MisL		z	z	z	0	0	0
765				z	z	z	0	0	0
766	Mt. Auburn, Christian.....	Silurian; Sil	1943	160	25	6	0	0	0
767	Mt. Carmel, Wabash ⁵²		1940	3,900	7,380	647	0	0	0
768		Bridgeport; Pen		z	z	z	0	0	0
769		Biehl; Pen		z	z	z	0	0	0
770		Jordan; Pen		z	z	z	0	0	0
771		Palestine; MisU		z	z	z	0	0	0
772		Waltersburg; MisU ²⁷		z	z	z	0	0	0
773		Tar Springs; MisU		z	z	z	0	0	0
774		Jackson; MisU ²⁷		z	z	z	0	0	0
775		Cypress; MisU		z	z	z	0	0	0
776		Bethel; MisU		z	z	z	0	0	0
777		Lower O'Hara; MisL		z	z	z	0	0	0
778		Rosiclare; MisL		z	z	z	0	0	0
779		McClosky; MisL		z	z	z	0	0	0
780				z	z	z	0	0	0

⁵¹Abandoned 1946.⁵²Illinois portion only.

TABLE 1 — *Continued*

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production			Gas Production		
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
781	Mt. Carmel West, <i>Wabash</i>		1939	40	20	2	0	0	0
782		Waltersburg; MisU		20	18	2	0	0	0
783		Tar Springs; MisU		20	2	2	0	0	0
784	Mt. Erie North, <i>Wayne</i>		1944	100	66	19	0	0	0
785		Aux Vases; MisU		z	z	z	0	0	0
786		McClosky; MisL		z	z	z	0	0	0
787	Mt. Erie South, <i>Wayne</i> ⁵³		1939	460	301	80	0	0	0
788		Aux Vases; MisU		z	z	z	0	0	0
789		Lower O'Hara; MisL		z	z	z	0	0	0
790		Rosiclare; MisL		z	z	z	0	0	0
791		McClosky; MisL		z	z	z	0	0	0
792									
793	Mt. Olive, <i>Montgomery</i>	Pottsville; Pen	1942	30	1	2	0	0	0
794	Mt. Vernon, <i>Jefferson</i>		1943	160	156	26	0	0	0
795		Aux Vases; MisU		z	23	3	0	0	0
796		Lower O'Hara; MisL ⁵⁶		z	z	z	0	0	0
797		McClosky; MisL		z	z	z	0	0	0
798									
799	Nason, <i>Jefferson</i>	Rosiclare; MisL	1943	20	10	1	0	0	0
800	New Bellair, <i>Crawford</i>	Pennsylvanian; Pen	1942	20	10,000	0	0	0	0
801	New Harmony-Griffin Consol., <i>White, Wabash, Edwards</i> ^{52, 54}		1939	9,200	42,519	3,490	0	0	0
802		Jamestown; Pen		z	z	z	0	0	0
803		Biehl; Pen		z	z	z	0	0	0
804		Degonia; MisU		z	z	z	0	0	0
805		Clare; MisU		z	z	z	0	0	0
806		Palestine; MisU		z	z	z	0	0	0
807		Waltersburg; MisU		z	z	z	0	0	0
808		Tar Springs; MisU		z	z	z	0	0	0
809		Cypress; MisU		z	z	z	0	0	0
810		Paint Creek; MisU		z	z	z	0	0	0
811		Bethel; MisU		z	z	z	0	0	0
812		Aux Vases; MisU		z	z	z	0	0	0
813		Lower O'Hara; MisL		z	z	z	0	0	0
814		Rosiclare; MisL		z	z	z	0	0	0
815		McClosky; MisL		z	z	z	0	0	0
816									
817	New Harmony South, <i>White</i>		1941	50	55	4	0	0	0
818		Waltersburg; MisU		z	z	z	0	0	0
819		Tar Springs; MisU		z	z	z	0	0	0
820		Bethel; MisU		z	z	z	0	0	0
821		McClosky; MisL		z	z	z	0	0	0
822									
823	New Harmony South (Indiana), <i>White</i> ⁵²		1946	60	162	100	0	0	0
824		Degonia; MisU		z	z	z	0	0	0
825		Palestine; MisU		z	z	z	0	0	0
826		Waltersburg; MisU		z	z	z	0	0	0
827									
828	New Haven, <i>White</i>		1941	3,000	593	42	0	0	0
829		Tar Springs; MisU		z	z	z	0	0	0
830		Hardinsburg; MisU		z	z	z	0	0	0
831		Cypress; MisU		z	z	z	0	0	0
832		Aux Vases; MisU		z	z	z	0	0	0
833		McClosky; MisL		z	z	z	0	0	0
834									
835	New Haven North, <i>White</i>	Tar Springs; MisU	1944	20	12	3	0	0	0
836	New Haven West, <i>Gallatin</i>		1944	200	422	97	0	0	0
837		Tar Springs; MisU		180	z	z	0	0	0
838		Lower O'Hara; MisL		20	z	z	0	0	0
839	Newton, <i>Jasper</i>	Sta. Genevieve; MisL	1944	80	43	32	0	0	0
840	Newton North, <i>Jasper</i>	McClosky; MisL	1945	20	7	2	0	0	0

⁵³Abandoned 1941, revived 1942.⁵⁴Includes Cowling.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery ^g	Character of Oil ^e		Producing Formation					Deepest Zone Tested ^h to End of 1947		
	Completed to End of 1947	1947		Oil ^h		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ⁴	Porosity, Per Cent ⁵	Depth to Top of Producing Zone, Ft. ⁷	Productive Thickness, Avg. Ft. ⁸ Net	Structure ¹	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
781	4	0	0	0	2	0									MisL	2,629	
782	2	0	0	0	1	1		30.0	0.25	S	P	1,880	8	S			
783	2	0	0	0	1	0		S	S	S	P	1,945	10	S			
784	5	1	1	0	4	0				S	P	3,110	8	ML	MisL	3,354	
785	2	1	0	0	2	0				S	P	3,240	5	MC			
786	3	0	0	0	2	0				L	P						
787	21	12	2	0	16	0				L	P				MisL	3,330	
788	4	1	0	0	4	0		37.2	0.14	S	P	3,070	20	AL			
789	12	10	1	0	10	0				OL	P	3,130	6	AC			
790	1	0	0	0	0	0				OL	P	3,160	5	AC			
791	2	0	0	0	0	0		31.7		OL	P	3,200	10	AC			
792	2	1	1	0	2	0											
793	6	1	0	0	1	0		33.2	0.16	S	P	600	6	A	Pen	905	
794	7	0	0	0	3	0									MisL	3,008	
795	3	0	0	0	0	0				S	P	2,665	5	AL			
796	3	0	0	0	0	0				L	P	2,750	8	AC			
797	3	0	0	0	2	0		39.2	0.18	L	P	2,800	7	AC			
798	1	0	0	0	0	0											
799	1	0	0	0	0	0				S	P	2,790	14	MC	MisL	2,805	
800	2	0	0	0	2	0		29.3	0.30	S	P	1,165	10	ML	Dev	2,760	
801																	
802	944	57	20	0	875	0									MisL	3,220	
803	2	0	0	0	2	0	P					717	13	AL			
804	14	2	3	0	10	0						1,850	20	AL			
805	2	1	0	0	2	0						1,925	20	AL			
806	1	0	0	0	0	0						1,980	10	AL			
807	24	1	0	0	23	0	P					2,000	10	AL			
808	41	1	0	0	39	0	P	37.6	0.40	S	P	2,155	20	AL			
809	138	4	4	0	129	0	P	36.0	0.19	S	P	2,215	20	AL			
810	13	1	0	0	11	0	P					2,570	30	AL			
811	167	32	0	0	153	0	P	36.0	0.24	S	P	2,660	20	AL			
812	210	2	5	0	167	0	P	36.4	0.19	S	P	2,700	25	AL			
813	3	3	0	0	3	0						2,825	15	AL			
814	3	1	0	0	3	0				OL	P	2,900	5	AC			
815	112	1	1	0	81	0	P			SL	P	2,910	10	AC			
816	213	7	5	0	251	0		39.2	0.33	OL	P	2,925	8	AC			
817	5	0	0	0	1	0											
818	1	0	0	0								2,250	18	MF	MisL	3,207	
819	1	0	0	0								2,350	16	MF			
820	1	0	0	0								2,815	10	MF			
821	1	0	0	0						OL	P	3,010	5	MF			
822	1	0	0	0	0	0											
823	6	0	0	0	6	0									MisL	3,068	
824	0	0	0	0	0	0						1,850	8	MF			
825	1	0	0	0	1	0						1,955	10	MF			
826	3	0	0	0	3	0						2,120	25	MF			
827	2	0	0	0	2	0											
828	23	0	0	0	22	0									MisL	2,980	
829	4	0	0	0	4	0		36.4	0.27	S	P	2,105	10	ALf			
830	1	0	0	0	1	0						2,245	9	ALf			
831	7	0	0	0	7	0						2,445	12	ALf			
832	4	0	0	0	3	0						2,720	12	ALf			
833	1	0	0	0	1	0				OL	P	2,840	7	MC			
834	6	0	0	0	6	0											
835	2	0	0	0	2	0				S	P	2,175	4	ML	MisL	2,990	
836	19	3	0	0	18	0									MisL	2,950	
837	18	2	0	0	17	0				S	P	2,115	10	Af			
838	1	1	0	0	1	0				L	P	2,795	5	Af			
839	4	1	0	0	3	0				L	P	2,950	6	MC	MisL	3,040	
840	1	0	0	0	1	0				L	P	2,855	5	MC	MisL	2,889	

TABLE 1 — *Continued*

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production			Gas Production		
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
841	Newton West, Jasper ⁵⁵	McClosky; MisL	1947	20	3	3	0	0	0
842	Noble, Richland, Clay		1937	5,600	23,089	1,457	0	0	0
843		Cypress; MisU					0	0	0
844		Aux Vases; MisU					0	0	0
845		Lower O'Hara; MisL ²⁷					0	0	0
846		Rosiclare; MisL					0	0	0
847		McClosky; MisL					0	0	0
848							0	0	0
849	Noble North, Richland		1938	2,000	4,156	362	40	5	5
850		Cypress; MisU					40	5	5
851		Rosiclare; MisL					0	0	0
852		McClosky; MisL					0	0	0
853							0	0	0
854	Noble South, Richland	McClosky; MisL	1937	220	600	24	0	0	0
855	Odin, Marion	Cypress; MisU	1945	210	292	73	0	0	0
856	Olney, Richland	Ste. Genevieve; MisL	1937	940	1,851	180	0	0	0
857	Olney East, Richland	Ste. Genevieve; MisL	1944	540	645	92	0	0	0
858	Olney South, Richland ⁵⁶	McClosky; MisL	1938	40	10	0	0	0	0
859	Omaha, Gallatin		1940	350	1,362	136	40	5	5
860		Palestine; MisU					0	0	0
861		Tar Springs; MisU					40	5	5
862							0	0	0
863	Omaha East, Gallatin	Lower O'Hara; MisL	1946	20	5	2	0	0	0
864	Omega, Marion	McClosky; MisL	1946	40	3	3	0	0	0
865	Panama (Gas), Bond	Pennsylvanian; Pen	1940	0	0	0	160	5	5
866	Parkersburg Consol., Richland, Edwards		1941	2,780	5,041	823	0	0	0
867		Cypress; MisU					0	0	0
868		Paint Creek; MisU					0	0	0
869		Bethel; MisU					0	0	0
870		Lower O'Hara; MisL					0	0	0
871		Rosiclare; MisL					0	0	0
872		McClosky; MisL					0	0	0
873							0	0	0
874	Parkersburg North, Richland	McClosky; MisL	1945	20	7	1	0	0	0
875	Parkersburg West, Richland, Edwards		1943	110	70	7	0	0	0
876		Lower O'Hara; MisL					0	0	0
877		McClosky; MisL					0	0	0
878	Passport, Clay	Ste. Genevieve; MisL	1945	120	159	78	0	0	0
879	Patoka, Marion		1937	920	8,022	1,301	0	0	0
880		Bethel; MisU					0	0	0
881		Rosiclare; MisL					0	0	0
882		Devonian; Dev					0	0	0
883	Patoka East, Marion		1941	500	2,894	198	0	0	0
884		Cypress; MisU					0	0	0
885		Bethel; MisU					0	0	0
886	Patton, Wabash		1940	110	32	6	0	0	0
887		Biehl; Pen					0	0	0
888		Tar Springs; MisU					0	0	0
889		Rosiclare; MisL ²⁷					0	0	0
890		McClosky; MisL					0	0	0
891							0	0	0
892	Patton West, Wabash		1943	600	537	192	0	0	0
893		Biehl; Pen					0	0	0
894		Cypress; MisU					0	0	0
895		Bethel; MisU ²⁷					0	0	0
896		Aux Vases; MisU					0	0	0
897		Lower O'Hara; MisL ²⁷					0	0	0
898		Rosiclare; MisL					0	0	0
899		McClosky; MisL					0	0	0
900							0	0	0

⁵⁵Abandoned 1947.⁵⁶Abandoned 1940.

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production		Gas Production			
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
901	Phillipstown Consol., White.....	Pennsylvanian; Pen	1939	2,500	5,564	837	0	0	0
902							0	0	0
903							0	0	0
904			Pennsylvanian; Pen				0	0	0
905			Degonia; MisU				0	0	0
906			Clore; MisU				0	0	0
907			Palestine; MisU				0	0	0
908			Waltersburg; MisU ²⁷				0	0	0
909			Tar Springs; MisU				0	0	0
910			Cypress; MisU ²⁷				0	0	0
911			Paint Creek; MisU				0	0	0
912			Bethel; MisU				0	0	0
913			Aux Vases; MisU				0	0	0
914			Lower O'Hara; MisL				0	0	0
915			Rosiclare; MisL				0	0	0
916			McClosky; MisL				0	0	0
917									
918	Plainview, Macoupin.....	Pennsylvanian; Pen	1942	10	8	0	0	0	
919	Posey, Clinton.....	Cypress; MisU	1941	20	6	.2	0	0	
920	Raymond, Montgomery.....	Pottsville; Pen	1940	60	7	0	0	0	
921	Richview, Washington.....	Cypress; MisU	1946	10	2	2	0	0	
922	Ridgway, Gallatin ⁵⁷	McClosky; MisL	1946	10	.1	0	0	0	
923	Rinard, Wayne ⁵⁸	McClosky; MisL	1937	20	7	0	0	0	
924	Roaches, Jefferson.....	Ste. Genevieve; MisL	1938	200	508	17	0	0	
925	Roaches North, Jefferson.....		1944	400	874	133	0	0	
926		Bethel; MisU					0	0	
927		Rosiclare; MisL					0	0	
928									
929	Roland, White, Gallatin.....		1940	2,560	7,290	657	0	0	
930		Pennsylvanian; Pen ²⁷					0	0	
931		Clore; MisU ²⁷					0	0	
932		Waltersburg; MisU					0	0	
933		Tar Springs; MisU					0	0	
934		Cypress; MisU					0	0	
935		Paint Creek; MisU ²⁷					0	0	
936		Bethel; MisU					0	0	
937		Aux Vases; MisU					0	0	
938		Lower O'Hara; MisL ²⁷					0	0	
939		McClosky; MisL					0	0	
940									
941	Ruark, Lawrence.....		1941	30		1	0	0	
942		Buchanan; Pen					0	0	
943		Bethel; MisU					0	0	
944	Rural Hill, Hamilton.....		1941	3,310	10,034	806	0	0	
945		Cypress; MisU ²⁷					0	0	
946		Paint Creek; MisU ²⁷					0	0	
947		Aux Vases; MisU					0	0	
948		Lower O'Hara; MisL					0	0	
949		Rosiclare; MisL					0	0	
950		McClosky; MisL					0	0	
951									
952	Rural Hill West, Hamilton.....	Aux Vases; MisU	1945	10	6	3	0	0	
953	Russellville (Gas), Lawrence.....		1937	10	1	1	1,800	7,020	
954		Bridgeport; Pen		0	0	0			
955		Buchanan; Pen		0	0	0			
956		McClosky; MisL		10	1	1	0	0	
957	St. Francisville East, Lawrence.....	Bethel; MisU	1941	130	157	15	0	0	
958	St. Jacob, Madison.....	"Trenton"; Ord	1942	1,120	1,904	198	0	0	
959	St. James, Fayette.....	Cypress; MisU	1938	1,900	9,825	626	0	0	
960	St. Paul, Fayette.....	Bethel; MisU	1941	190	367	36	0	0	

⁵⁷Abandoned 1946.⁵⁸Abandoned 1941.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery ^f	Character of Oil ^g		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ^h		Initial		Avg./End 1947	Gravity A.P.L. ²	Sulphur, Per Cent	Character ^a	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. ^k Net	Structure ^l	Name	Depth of Hole Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
901	181	7	0	0	163	0									Dev	5,350	
902	3	0	0	0	0	0											
903	9	0	0	0	0	0											
904	9	0	0	0	0	0											
905	23	1	0	0	28	0	G	36.2	0.22	z		795	10	MF			
906	2	0	0	0	0	0		36.0		z		1,340	10	MF			
907	0	0	0	0	0	0		36.0		z		1,450	15	MF			
908	0	0	0	0	0	0		36.0		z		1,975	10	MF			
909	46	3	0	0	38	0		35.0	0.31	z		2,010	10	MF			
910	0	0	0	0	0	0		36.0		z		2,050	10	MF			
911	3	0	0	0	0	0				z		2,280	10	MF			
912	15	0	0	0	0	0				z		2,295	15	ALf			
913	12	1	0	0	13	0				z		2,720	12	AF			
914	1	0	0	0	10	0		39.4		z		2,780	9	AF			
915	3	0	0	0	1	0				z		2,810	12	AF			
916	20	0	0	0	17	0				z		2,880	15	AF			
917	33	1	0	0	25	0		38.2	0.21	SL		3,010	10	AC			
918	1	0	0	0	0	0				L		2,960	10	AC			
919	2	0	0	0	1	0				P		3,000	6	AC			
920	6	0	0	0	0	0		35.0	0.17	z		410	5	z	Pen	421	
921	1	0	0	0	0	0		34.0	0.22	z		1,105	5	M	MisU	1,274	
922	1	0	0	0	0	0				z		590	10	ML	MisL	1,001	
923	1	0	0	0	0	0				z		1,520	7	AL	MisL	1,932	
924	13	0	0	0	6	0		38.0		z		2,840	6	MF	MisL	2,938	
925	34	0	0	0	33	0		37.0	0.22	L		3,145	5	AC	MisL	3,280	
926	32	0	0	0	31	0				L		2,170	7	AC	Dev	2,840	
927	1	0	0	0	0	0				P		1,925	7	A	MisL	2,283	
928	1	0	0	0	2	0				L		2,115	8	AC			
929	176	5	1	1	162	0				z					Dev	5,225	
930	0	0	0	0	0	0				z							
931	0	0	0	0	0	0				z							
932	80	5	0	0	76	0		31.7	0.25	z							
933	3	0	0	0	3	0				z		2,170	15	z			
934	21	0	0	0	19	0		32.0		z		2,240	12	AL			
935	0	0	0	0	0	0				z		2,560	15	AL			
936	17	0	0	0	15	0		39.0		z		2,750	12	AL			
937	17	0	0	0	15	0				z		2,760	17	AL			
938	0	0	0	0	0	0				z		2,880	12	AL			
939	2	0	0	0	1	0				OL		2,950	8	AC			
940	36	0	1	0	33	0				OL		2,970	5	AC			
941	3	0	0	0	2	0											
942	2	0	0	0	1	0				z		1,510	14	AL	MisL	2,320	
943	1	0	0	0	1	0				z		2,065	11	AL			
944	231	26	4	0	209	0				z					Dev	5,481	
945	0	0	0	0	0	0				z		2,705	22	A			
946	0	0	0	0	0	0				z		3,040	20	A			
947	122	23	2	0	103	0	G	38.0	0.15	z		3,130	25	A			
948	21	0	0	0	20	0		38.4	0.22	z		3,175	15	AC			
949	2	0	0	0	2	0				SL		3,200	5	AC			
950	23	2	0	0	20	0		38.4	0.22	L		3,230	10	AC			
951	63	1	2	0	64	0				L							
952	1	0	0	0	1	0				S		3,230	16	ML	MisL	3,483	
953	61	1	0	0	1	25				S					Dev	3,133	
954	18	0	0	0	0	4				S		760	15	A			
955	42	0	0	0	0	21				S		1,100	12	A			
956	1	1	0	0	1	0				S		1,560	11	A			
957	11	0	0	0	10	0		39.8	0.21	SL		1,750	10	A	MisL	1,960	
958	53	0	2	0	46	0		40.0	0.23	L		2,260	17	A	Ord	2,549	
959	187	0	5	0	158	0		34.4	0.31	L		1,580	16	A	Dev	3,457	
960	14	0	0	0	11	0		34.0	0.23	S		1,900	9	A	Dev	3,570	

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production			Gas Production		
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
961	Ste. Marie, Jasper.....	McClosky; MisL	1941	620	560	22	0	0	
962	Sailor Springs Consol., Clay.....		1941	2,300	3,300	711	0	0	
963		Tar Springs; MisU		x	x	x	0	0	
964		Glen Dean; MisU ²⁶		x	x	x	0	0	
965		Cypress; MisU		x	x	x	0	0	
966		Bethel; MisU		x	x	x	0	0	
967		Aux Vases; MisU ²⁷		x	x	x	0	0	
968		Lower O'Hara; MisL		x	x	x	0	0	
969		McClosky; MisL		x	x	x	0	0	
970									
971	Sailor Springs East, Clay.....	Cypress; MisU	1944	100	45	8	0	0	
972	Salem, Marion.....		1938	9,600	203,316	5,263	0	0	
973		Bethel; MisU		x	x	x	0	0	
974		Aux Vases; MisU		x	x	x	0	0	
975		Rosiclare; MisL		x	x	x	0	0	
976		McClosky; MisL		x	x	x	0	0	
977		St. Louis; MisL		x	x	x	0	0	
978		Salem; MisL		x	x	x	0	0	
979		Devonian; Dev		x	35,286	311	0	0	
980		"Trenton"; Ord		x	2,986	128	0	0	
981									
982	Samsville, Edwards ²⁸	Waltersburg; MisU	1942	20	1	0	0	0	
983	Samsville North, Edwards.....	Bethel; MisU	1945	220	95	42	0	0	
984	Sandoval West, Clinton.....	Cypress; MisU	1946	10	9	5	0	0	
985	Santa Fe, Clinton.....	Cypress; MisU	1944	10	2	2	0	0	
986	Schnell, Richland.....	McClosky; MisL	1938	80	208	3	0	0	
987	Seminary, Richland.....	McClosky; MisL	1945	40	59	12	0	0	
988	Sesser, Franklin.....		1942	220	134	55	0	0	
989		Aux Vases; MisU		x	133	55	0	0	
990		Rosiclare; MisL ²⁶		x	x	0	0	0	
991		McClosky; MisL ²⁶		x	x	0	0	0	
992									
993	Shattuc, Clinton.....		1945	70	13	7	0	0	
994		Cypress; MisU		60	x	x	0	0	
995		Paint Creek; MisU		10	x	x	0	0	
996	Shawneetown, Gallatin.....	Aux Vases; MisU	1945	10	1	0	0	0	
997	Shelbyville, Shelby.....	Aux Vases; MisU	1946	40	2	2	0	0	
998	Sims, Wayne.....		1941	2,240	3,881	201	0	0	
999		Aux Vases; MisU		x	x	x	0	0	
1000		Ste. Genevieve; MisL		x	x	x	0	0	
1001									
1002	Sorento, Bond.....	Devonian; Dev	1938	140	10	6	0	0	
1003	Stanford, Clay.....		1945	240	573	71	0	0	
1004		Rosiclare; MisL		x	x	x	0	0	
1005		McClosky; MisL		x	x	x	0	0	
1006									
1007	Stanford South, Clay.....		1946	200	173	107	0	0	
1008		Aux Vases; MisU		x	x	x	0	0	
1009		McClosky; MisL		x	x	x	0	0	
1010									
1011	Stanford West, Clay.....		1947	60	30	30	0	0	
1012		Rosiclare; MisL ²⁷		x	x	x	0	0	
1013		McClosky; MisL		x	x	x	0	0	
1014									
1015	Stewardson, Shelby.....	Aux Vases; MisU	1939	80	80	10	0	0	
1016	Stokes-Brownsville, White.....		1939	2,420	5,155	1,119	0	0	
1017		Palestine; MisU		x	x	x	0	0	
1018		Tar Springs; MisU		x	x	x	0	0	
1019		Hardinsburg; MisU		x	x	x	0	0	
1020		Cypress; MisU		x	x	x	0	0	

²⁶Abandoned 1942.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery ^f	Character of Oil ^g		Producing Formation					Deepest Zone Tested ^m to End of 1947			
	Completed to End of 1947	1947		Oil ^h		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ^a	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. & Net	Structure ^k	Name	Depth of Hole, Ft.	
		Completed	Abandoned	Flowing	Artificial Lift													Gas
961	20	0	1	0	16	0	s	s	40.2	0.14	L	P	2,840	8	A	MisL	3,053	
962	162	41	1	0	150	0	s	s	37.0	0.17	s	P	2,340	15	A	MisL	3,460	
963	44	5	0	0	34	0	s	s	38.5	0.28	L	P	2,300	12	A			
964	0	0	0	0	0	0	s	s	s	s	s	P	2,590	12	A			
965	73	2	1	0	72	0	s	s	s	s	s	P	2,785	24	A			
966	1	0	0	0	1	0	s	s	s	s	s	P	2,845	11	A			
967	0	0	0	0	0	0	s	s	s	s	s	P	2,945	6	A			
968	1	0	0	0	1	0	s	s	s	s	s	P	3,000	5	A			
969	38	32	0	0	36	0	s	s	36.4	s	s	OL	P					
970	5	1	0	0	6	0	s	s	s	s	s	P						
971	9	0	1	0	5	0	s	s	s	s	s	P	2,695	5	D	MisL	3,168	
972	2,457	2	65	7	2,100	0	G	G	s	s	s	P				St. Peter	5,655	
973	487	2	1	0	326	0	s	s	38.2	0.19	s	P	1,780	40	A			
974	152	0	0	0	56	0	s	s	38.6	0.21	s	P	1,825	40	A			
975	9	0	0	0	10	0	s	s	s	s	s	P	1,950	5	AL			
976	552	0	5	0	435	0	s	s	s	s	s	OL	P	1,990	17	A		
977	0	0	0	0	2	0	s	s	s	s	s	L	P	2,100	2	A		
978	8	0	0	0	1	0	s	s	s	s	s	L	P	2,160	17	A		
979	541	0	13	3	267	0	s	s	42.1	0.28	L	CC	3,440	40	A			
980	2	0	0	4	26	0	s	s	s	s	s	C	4,500	50	A			
981	706	0	46	0	977	0	s	s	s	s	s	C						
982	2	0	0	0	0	0	s	s	s	s	s	P	2,430	10	A	MisL	3,303	
983	14	0	1	0	12	0	s	s	s	s	s	P	2,900	5	A	MisL	3,242	
984	1	0	0	0	1	0	s	s	s	s	s	P	1,420	4	A	MisL	3,203	
985	1	0	0	0	1	0	s	s	s	s	s	P	955	10	A	Dev	2,512	
986	4	0	1	0	2	0	s	s	37.0	0.19	OL	P	3,000	4	AC	MisL	3,123	
987	2	0	0	0	2	0	s	s	s	s	s	L	3,195	5	AC	MisL	3,333	
988	14	9	0	0	12	0	s	s	s	s	s	P				Dev	4,688	
989	13	9	0	0	12	0	s	s	39.2	0.17	s	P	2,690	7	A			
990	0	0	0	0	0	0	s	s	s	s	s	L	2,835	16	A			
991	0	0	0	0	0	0	s	s	s	s	s	L	2,860	5	A			
992	1	0	0	0	0	0	s	s	s	s	s	P						
993	7	5	0	0	7	0	s	s	s	s	s	P	1,280	7	AL	MisL	1,750	
994	6	4	0	0	6	0	s	s	s	s	s	P	1,420	13	AL			
995	1	1	0	0	1	0	s	s	s	s	s	P	2,650	14	MF	MisL	2,837	
996	1	0	0	0	0	0	s	s	s	s	s	P	1,860	15	A	MisL	2,119	
997	3	2	1	0	1	0	s	s	s	s	s	P				MisL	3,487	
998	64	1	0	0	62	0	s	s	s	s	s	P	3,015	15	AL	MisL		
999	12	0	0	0	17	0	s	s	40.4	0.20	S	P	3,140	7	AL	MisL		
1000	38	1	0	0	40	0	s	s	s	s	s	OL			AC			
1001	14	0	0	0	5	0	s	s	s	s	s	P	1,850	3	A	Dev	1,946	
1002	6	3	1	0	3	0	s	s	35.4	s	L	C	3,000	6	MC	MisL	3,150	
1003	14	0	0	0	14	0	s	s	s	s	s	P	3,025	5	MC			
1004	7	0	0	0	8	0	s	s	s	s	s	L						
1005	4	0	0	0	5	0	s	s	s	s	s	P						
1006	3	0	0	0	1	0	s	s	s	s	s	P						
1007	16	1	0	0	16	0	s	s	s	s	s	P						
1008	13	1	0	0	12	0	s	s	s	s	s	P	2,970	12	AL	MisL	3,205	
1009	3	0	0	0	3	0	s	s	s	s	s	L	3,090	10	AC			
1010	0	0	0	0	1	0	s	s	s	s	s	P						
1011	3	3	0	0	3	0	s	s	s	s	s	P				MisL	3,106	
1012	0	0	0	0	0	0	s	s	s	s	s	L	2,980	2	ML			
1013	2	2	0	0	2	0	s	s	s	s	s	L	3,030	8	ML			
1014	1	1	0	0	1	0	s	s	s	s	s	P						
1015	6	0	0	0	6	0	s	s	37.8	0.18	S	L	1,945	9	A	MisL	2,138	
1016	182	8	8	0	164	0	s	s	s	s	s	P	2,085	2	MF	MisL	3,312	
1017	2	0	0	0	2	0	s	s	s	s	s	P	2,295	16	MF			
1018	2	0	0	0	2	0	s	s	s	s	s	P	2,630	20	A			
1019	90	5	2	0	79	0	s	s	35.6	0.22	s	P						
1020	9	0	0	0	7	0	s	s	s	s	s	P	2,660	12	MF			

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production			Gas Production		
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
1021		Paint Creek; MisU		x	x	0	0	0	
1022		Bethel; MisU		x	x	0	0	0	
1023		Aux Vases; MisU		x	x	0	0	0	
1024		Lower O'Hara; MisL		x	x	0	0	0	
1025		Rosiclare; MisL		x	x	0	0	0	
1026		McClosky; MisL		x	x	0	0	0	
1027		9							
1028	Storms, White		1939	1,620	5,474	355	300	x	
1029		Waltersburg; MisU		x	x	x	0	0	
1030		Tar Springs; MisU		x	x	x	0	0	
1031		Cypress; MisU		x	x	x	0	0	
1032		Aux Vases; MisU		x	x	x	0	0	
1033		Bethel; MisU		x	x	x	0	0	
1034		McClosky; MisL		x	x	x	0	0	
1035		9							
1036	Stringtown, Richland		1941	210	247	20	0	0	
1037	Sumner, Lawrence		1944	20	9	2	0	0	
1038	Sumpter, White		1945	20	7	2	0	0	
1039	Tamaroa, Perry		1942	50	10	0	0	0	
1040	Thackeray, Hamilton		1944	520	1,580	379	0	0	
1041		Aux Vases; MisU		x	x	x	0	0	
1042		Lower O'Hara; MisL		x	x	x	0	0	
1043		McClosky; MisL		x	x	x	0	0	
1044		9							
1045	Thompsonville, Franklin ⁶⁰		1940	220	285	0	0	0	
1046	Thompsonville North, Franklin		1944	50	113	27	0	0	
1047	Toliver, Clay ⁶¹		1942	40	6	0	0	0	
1048	Toliver East, Clay		1943	60	149	12	0	0	
1049	Tonti, Marion		1939	640	8,209	430	0	0	
1050		Bethel; MisU		x	x	x	0	0	
1051		Aux Vases; MisU		x	x	x	0	0	
1052		McClosky; MisL		x	x	x	0	0	
1053		Devonian; Dev		x	1,620	40	0	0	
1054		9							
1055	Trumbull, White		1944	220	236	99	0	0	
1056		Cypress; MisU		x	x	x	0	0	
1057		Aux Vases; MisU		x	x	x	0	0	
1058		Rosiclare; MisL		x	x	x	0	0	
1059		McClosky; MisL		x	x	x	0	0	
1060		9							
1061	Valier, Franklin		1942	20	2	0	0	0	
1062	Waggoner, Montgomery		1940	40	9	1	0	0	
1063	Wakefield, Jasper ⁶²		1946	20	1	0	0	0	
1064	Walpole, Hamilton		1941	1,300	3,846	322	0	0	
1065		Tar Springs; MisU		x	x	x	0	0	
1066		Aux Vases; MisU		x	x	x	0	0	
1067	Waltonville, Jefferson		1943	40	61	11	0	0	
1068	Waverly (Gas), Morgan		1946	0	0	0	80	0	
1069		Pennsylvanian; Pen		0	0	0	40	0	
1070		Devonian-Silurian		0	0	0	40	0	
1071	West End, Hamilton, Saline		1944	120	279	89	0	0	
1072	Westfield East, Clark		1947	50	2	2	0	0	
1073	West Frankfort, Franklin		1941	200	734	135	0	0	
1074		Tar Springs; MisU		200	730	134	0	0	
1075		Aux Vases; MisU		20	4	1	0	0	
1076	West Frankfort South, Franklin		1943	260	419	104	0	0	
1077		Tar Springs; MisU		x	x	x	0	0	
1078		Aux Vases; MisU		x	x	x	0	0	
1079		Lower O'Hara; MisL		x	x	x	0	0	
1080		McClosky; MisL		x	10	10	0	0	

⁶⁰Abandoned 1947.⁶¹Abandoned 1944.⁶²Abandoned 1946.⁶³Includes Willow Hill North and Boos East.⁶⁴Total from U. S. Bureau of Mines monthly report.

TABLE 1 — Continued

Line Number	Number of Wells ^d		Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ^f		Secondary Recovery ^f	Character of Oil ^g		Producing Formation					Deepest Zone Tested ^m to End of 1947		
	Completed to End of 1947	1947		Oil ^h		Initial		Avg./End 1947	Gravity A.P.I. ²	Sulphur, Per Cent	Character ^h	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. * Net	Structure ^k	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift												
1021	11	0	0	0	14	0											
1022	11	0	0	0	6	0											
1023	7	0	0	0	5	0											
1024	6	1	0	0	4	0											
1025	11	1	2	0	7	0											
1026	18	1	2	0	11	0		35.8	0.26	OL	P	3,070	5	AC			
1027	15	0	0	0	27	0				OL	P	3,120	10	AC			
1028	173	5	7	0	142	1											
1029	163	2	7	0	130	0	G	32.1	0.28	S	P	2,230	30	AL	MisL	3,174	
1030	4	1	0	0	4	0				S	P	2,340	10	AL			
1031	1	0	0	0	1	0				S	P	2,655	10	AL			
1032	0	0	0	0	2	0				S	P	3,015	5	AL			
1033	1	1	0	0	1	0				S	P	2,805	14	AL			
1034	1	1	0	0	1	0				L	P	3,055	6	AC			
1035	3	1	0	0	3	0											
1036	7	0	0	0	7	0		39.8	0.24	OL	P	3,040	8	AC	MisL	3,080	
1037	1	0	0	0	1	0				L	S	2,260	4	MC	MisL	2,365	
1038	2	0	1	0	1	0				S	P	2,575	10	MF	MisL	3,379	
1039	3	0	0	0	0	0		36.0	0.12	S	P	1,130	6	AL	MisL	1,630	
1040	48	5	1	0	41	0				S	P	3,360	15	AL	MisL	3,620	
1041	47	4	0	0	41	0				L	P	3,440	7	AC			
1042	0	0	1	0	0	0				L	P	3,505	10	AC			
1043	0	0	0	0	0	0				L	P						
1044	1	1	0	0	0	0											
1045	19	0	2	0	0	0		37.8	0.16	L	P	3,120	10	A	MisL	3,445	
1046	5	1	0	0	5	0				S	P	3,125	10	AL	MisL	3,365	
1047	1	0	0	0	0	0		37.1		OL	P	2,790	5	MC	MisL	2,887	
1048	3	0	0	0	3	0				OL	P	2,840	8	MC	MisL	2,946	
1049	64	2	0	0	52	0											
1050	5	0	0	0	4	0		39.0		S	P	1,930	20	D	Ord	4,900	
1051	15	0	0	0	13	0		39.0		S	P	2,005	30	D			
1052	36	2	0	0	29	0		39.4	0.21	OL	P	2,130	15	D			
1053	6	0	0	0	3	0				L	C	3,500	7	D			
1054	2	0	0	0	3	0											
1055	19	4	0	0	19	0											
1056	10	0	0	0	10	0				S	P	2,845	9	A	MisL	3,382	
1057	5	1	0	0	5	0				S	P	3,170	9	A			
1058	1	0	0	0	1	0				L	P	3,270	6	A			
1059	2	2	0	0	2	0				L	P	3,290	4	A			
1060	1	1	0	0	1	0											
1061	1	0	0	0	0	0				L	P	2,715	12	ML	MisL	2,726	
1062	4	0	0	0	1	0		28.0	0.21	S	P	610	10	Dev		1,893	
1063	1	0	0	0	0	0				L	P	3,120	5	A	MisL	3,184	
1064	69	0	0	0	66	0											
1065	2	0	0	0	2	0	G	36.1		S	P	2,465	15	AL	MisL	3,331	
1066	67	0	0	0	64	0		38.4	0.13	S	P	3,070	20	A			
1067	4	0	0	0	3	0		37.8	0.14	S	P	2,460	8	A	MisL	2,905	
1068	2	0	0	0	0	0											
1069	1	0	0	0	0	0				S	P	250	13	A	Ord	1,543	
1070	1	0	0	0	0	0				L	P	980	9	A			
1071	9	1	0	0	9	0				S	P	3,140	15	ML	MisL	3,419	
1072	5	5	0	0	5	0				S	P	400	10	ML	Pen	678	
1073	19	4	0	0	19	0											
1074	18	4	0	0	18	0		38.4	0.13	S	P	2,060	15	A	MisL	2,995	
1075	1	0	0	0	1	0				S	P	2,710	10	A			
1076	22	14	0	0	21	0											
1077	13	8	0	0	12	0		40.4	0.12	S	P	2,060	15	A	MisL	3,156	
1078	1	1	0	0	1	0				S	P	2,705	24	A			
1079	7	4	0	0	7	0		37.2	0.32	S	P	2,760	8	AC			
1080	1	1	0	0	1	0				L	P	2,825	15	AC			

TABLE 1 — Continued

Line Number	Field, County ^a	Producing Formation Name and Age ^b	Year of Discovery	Oil Production				Gas Production	
				Area Proved, Acres	Thousands of Bbl.		Area Proved, Acres	Million Cu. Ft. ^c	
					To End of 1947	During 1947		To End of 1947	During 1947
1081	Whittington, Franklin.....		1939	100	77	10	0	0	0
1082		Cypress; MisU		z	40	7	0	0	0
1083		McClosky; MisL		z	z	z	0	0	0
1084		St. Louis; MisL		z	z	z	0	0	0
1085		⁹							
1086	Whittington West, Franklin.....		1943	80	35	15	0	0	0
1087		Aux Vases; MisU		z	z	z	0	0	0
1088		Rosiclare; MisL ⁹		z	z	z	0	0	0
1089		McClosky; MisL		z	z	z	0	0	0
1090		⁹							
1091	Willow Hill Consol., Jasper ⁶³	Ste. Genevieve; MisL	1944	1,000	909	509	0	0	0
1092	Willow Hill East, Jasper.....	McClosky; MisL	1946	100	64	35	0	0	0
1093	Woburn, Bond.....	Bethel; MisU	1940	220	540	24	0	0	0
1094	Woburn South, Bond.....	"Trenton"; Ord	1947	240	26	26	0	0	0
1095	Woodlawn, Jefferson.....		1940	1,660	10,337	679	0	0	0
1096		Cypress; MisU		z	z	z	0	0	0
1097		Bethel; MisU		z	z	z	0	0	0
1098		Aux Vases; MisU		z	z	z	0	0	0
1099		Rosiclare; MisL		z	z	z	0	0	0
1100		Devonian; Dev		z	4	2	0	0	0
1101		⁹							
1102	Xenia, Clay.....	Aux Vases; MisU	1941	20	21	2	0	0	0
1103	Total for fields discovered after January 1, 1937 ⁶⁴			217,240	844,052	61,489	2,830	7,051.5	128
1104	Total for Illinois ⁶⁴			323,590	1,320,694	66,459	12,835	9,524.2	143

new producing areas were opened up in Clay County: (1) on the south edge of the Sailor Springs Consolidated pool, and (2) between the north end of Clay City Consolidated and the southwest end of Noble pool. In December 16 pct of the successful wells completed during the month were located in these two areas. Many of these wells had initial production of more than 400 bbl of oil.

PRODUCTIVE ACREAGE

The area of proved production in the new pools (discovered since 1936) increased from 201,890 acres at the end of 1946 to 220,070 acres at the end of 1947 (Table 1), an increase of 18,180 acres. Of this increase in area, 710 acres were added by gas wells and 17,470 acres by oil wells. Of the added oil acreage, 2150 acres are in pools discovered during 1947 and 15,320 acres are in developments and extensions of pools discovered earlier.

RESERVES

It is estimated that 48,000,000 bbl of oil reserves were found by wells drilled

in Illinois in 1947. Of this amount, approximately 7,000,000 bbl were produced during the year, leaving nearly 41,000,000 bbl of new reserves added as of Jan. 1, 1948.

In addition, the extension of methods of secondary recovery made available approximately 2,000,000 bbl not considered recoverable by primary methods, and there was a net upward revision of reserves developed by older drilling amounting to nearly 19,000,000 bbl.

Total proved reserves as of Jan. 1, 1948, recoverable from existing wells by production methods now in use in each area, are estimated by the Illinois State Geological Survey at 505,500,000 bbl, compared to 501,800,000 bbl estimated a year ago. The decrease in reserves due to the excess of oil produced over new oil discovered is more than compensated by the revisions of earlier estimates and the extension of secondary recovery. Estimated reserves in the old fields discovered before 1937 total 86,500,000 bbl,

TABLE 1 — Continued

Line Number	Number of Wells ^d				Wells Producing ^e Dec. 1947		Reservoir Pressure, Psi ¹		Secondary Recovery ^f	Character of Oil ^g		Producing Formation					Deepest Zone Tested ^m to End of 1947	
	Completed to End of 1947	1947		Oil ³		Gas	Initial	Ave./End 1947		Gravity A.P.I. ²	Sulphur, Per Cent	Character ^h	Porosity, Per Cent ⁱ	Depth to Top of Producing Zone, Ft. ^j	Productive Thickness, Avg. Ft. & Net	Structure ^k	Name	Depth of Hole, Ft.
		Completed	Abandoned	Flowing	Artificial Lift													
1081	3	0	0	0	2	0												
1082	1	0	0	0	1	0				38.6	0.12	S	P	2,535	10	A	MisL	3,130
1083	1	0	0	0	0	0				37.6	0.24	L	P	2,870	9	AC		
1084	1	0	0	0	0	0				37.6	0.24	L	P	3,080	6	AC		
1085	0	0	0	0	1	0												
1086	4	1	0	0	4	0												
1087	2	0	0	0	3	0						S	P	2,680	15	AL	MisL	2,942
1088	0	0	0	0	0	0						L	P	2,780	4	AC		
1089	1	0	0	0	1	0						L	P	2,900	6	AC		
1090	1	1	0	0	0	0												
1091	51	39	1	0	49	0						L	P	2,665	6	AM	MisL	2,821
1092	6	2	0	0	6	0						L	P	2,645	6	A	MisL	3,281
1093	28	0	0	0	26	0				36.4	0.20	S	P	1,020	6	A	Dev	2,454
1094	6	6	0	0	6	0				38.7	0.27	L	P	3,170	12	A	Ord	3,257
1095	162	9	3	0	134	0											Dev	3,746
1096	2	0	0	0	2	0						S	P	1,800	10	AL		
1097	159	8	3	0	111	0				38.4	0.16	S	P	1,960	25	A		
1098	0	0	0	0	15	0						S	P	1,975	10	A		
1099	1	1	0	0	1	0						S	P	2,205	15	A		
1100	0	0	0	0	1	0						L	C	3,700	1	A		
1101	0	0	0	0	4	0												
1102	1	0	0	0	1	0												
1103										35.2	0.19	S	P	2,785	13	A	Dev	4,698
1104	17,591	1,047	321	55	14,786	29												
	38,591	11,102	874	55	25,610	38												

those in the new fields about 419,000,000 bbl. Reserves in the fields discovered during 1947 totaled 6,400,000 bbl at the year's end (not including 1,250,000 bbl produced in these fields during 1947); this is the largest reserve in new pools in Illinois at the end of the year of discovery since 1942.

ECONOMIC DATA

The price of crude oil at the beginning of 1947 was \$1.82 per barrel. There were three increases in price during the year: a 25 cent per bbl increase on March 10; a 20 cent increase on October 15; and a 50 cent increase in the first week in December. At the end of the year the posted price was \$2.77 per bbl. The value (at the wells) of the crude oil produced in Illinois in 1947 was approximately \$139,-785,500.

The crude oil produced during 1947 in Illinois, amounting to 66,459,000 bbl is 20.4 pct 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 on December 31, 1947, were 11,-372,000 bbl as compared with 15,958,000 bbl on December 31, 1946. Stocks of refined products in the Central Refining district on December 31, 1947, according to the U. S. Bureau of Mines, were as follows:

Product	Dec. 31, 1947 Barrels	Dec. 31, 1946 Barrels
Gasoline.....	17,046,000	17,832,000
Kerosene.....	2,861,000	2,006,000
Gas, oil and distillate fuel.....	7,297,000	6,114,000
Residual fuel oil.....	5,072,000	4,200,000

PIPE LINES

The major pipe line developments in Illinois during 1947 included the construction by the Magnolia Petroleum Company of a 20-inch crude oil pipe line from Corsicana, Texas, to Patoka, Illinois (this pipe line enters Illinois near Chester and approximately 72 miles of

TABLE 2. — A. Discovery Wells of New Pools
A. DISCOVERY WELLS OF NEW POOLS

Pool	County	Company and Farm	Location	Total Depth, Feet	Producing Formation	Depth to Top, Feet	Initial Production (Barrels)- ^a	Date of Completion	No. of Wells Producing in Pool, Dec. 31 1947
1 Ab Lake	Callatin	Sohio, J. Lynch 1	32-SS-10E	2,790	Renault	2,655	149	8-12	1
2 Berman East	Lawrence	S. Zwick, H. W. Mehrenholz 1	16-3N-10W	1,904	McClosky	1,882	190; 175	3-11	4
3 Berrville	Webster	British American, A. Higgins 1	36-2N-14W	2,903	McClosky	2,901	223	6-17	6
4 Bible Grove North	Effingham	Gilman & Asplund, E. Adams 1	10-6N-7E	2,878	McClosky	2,868	102; 30	4-1	3
5 Bone Gap South	Edwards	British Producers, G. Harms 1	19-1S-14W	3,126	Cyrus O'Hara	2,712	498; 80	6-10	3
6 Burnt Prairie South	Edwards	British American, D. Kerketh 1	7-4S-9E	3,552	McClosky	3,417	72	9-23	1
7 Centerville North	White	F. Heldt, C. & M. Endruff 1	28-3S-10E	3,233	Beithel	2,901	38; 50	6-17	1
8 Concord Central	White	W. O. Allen, A. Adams 1	4-7S-10E	2,913	Avx Vases	2,900	735	2-4	5
9 Cottonwood	Callatin	Natl. Assoc. Pet., J. Moye 1, A	32-7S-9E	2,328	Tax Springs	2,314	6	10-28	1
10 Divide East	Jefferson	Natl. Assoc. Pet., D. McElroy 1	17-1S-4E	2,647	Avx Vases	2,637	109; 17	12-29	5
11 Elliottstown	Effingham	Natl. Assoc. Pet., A. Jacobs 1	24-6N-6E	2,866	McClosky	2,823	118; 200	2-4	5
12 Fairfield East	Effingham	Gulf (Shelco), J. A. Schuller 1	22-7N-7E	2,884	McClosky	2,730	62; 20	4-22	1
13 Fairfield West	Wayne	Tulsey & Carter, M. Martun 1	4-2S-8E	3,200	McClosky	3,178	16	9-23	1
14 Half Moon	Wayne	Collins Bros., M. Walters 1	27-1S-9E	3,403	McClosky	3,353	60; 40	9-16	2
15 Helena	Lawrence	Fox & Fox, H. Brass 1	11-2N-13 W	2,300	Waltersburg	1,776	196	6-3	24
16 Herald East	White	J. Reznik, H. Brass 1	18-7N-11E	2,460	McClosky	2,436	10; 6	10-28	1
17 Hunt City South	Jasper	Robinson & Puckett, G. Dillman 1	11-4N-5E	2,703	McClosky	2,431	80; 40	7-29	1
18 Lola South	Clay	Robinson & Puckett, B. Coldreure 1	13-7S-9E	2,886	McClosky	2,702	232; 100	6-24	1
19 Lula	Clay	J. M. Gillman, H. Elbe 1	14-2N-4E	2,772	St. Genevieve	2,702	57; 70	1-14	23
20 Kenner North	Clay	Natl. Assoc. Pet., O. Golden 1	17-3N-6E	3,038	Beithel	2,585	95; 70	2-18	21
21 Kenner West	Clay	Phillips Pet., E. Spitzer 1	26-3N-5E	3,319	Cyrus O'Hara	2,966	250	1-14	9
22 Lexington	Webster	F. J. Fleming et al., W. Berberich 1	18-1S-14W	3,016	McClosky	3,313	4; 1	6-3	0
23 Massion South	Edwards	Marolia, W. Wilson 1	21-4N-4E	2,212	Avx Vases	2,199	38; 32	2-18	12
24 Milston	Marion	Natl. Assoc. Pet., G. Boye et al 1	10-6N-9E	3,017	McClosky	2,901	8; 18	1-28	3
25 Norton West	Jasper	McCullough Dr., O. Whitrow 1	32-3N-7E	3,047	McClosky	3,031	305	1-28	0
26 Stanford West	Clay	Natl. Assoc. Pet., O. Hilde 1	2-11N-14W	423	Pennsylvanian	418	50	8-5	5
27 Westfield East	Clark	Van Tassel, Marble Bros. 3	21-6N-2W	3,167	"Trenton"	3,151	70	7-1	6
28 Woburn South	Bond	L. Horvath, W. Kokoruda 1							

^a. Oil and Water

TABLE 2. — B. Discovery Wells of Extensions to Pools

Pool	County	Company and Farm	Location	Total Depth, Feet	Producing Formation	Top of Pay	Initial Production (Barrels)—a	Date of Completion of Discovery Well
1 Albion Consol.	Edwards	N. Redwine, McKinley-Walker Comm. 1	31-1S-14W	3,198	McClosky	3,150	25; 1	11-4
2 Albion East.	Edwards	Wm. Bell, F. Fieber 1	31-2S-14W	3,231	Residuals	3,129	42; 30	7-1
3 Beaver Creek South.	Clinton	A. M. Fowley & A. Jackson, Burkett 1	5-3N-2W	1,150	McClosky	1,109	5; 5	8-12
4 Beman East.	Lawrence	S. Zanetis, Lindsay 1	20-3N-10W	1,907	Bethel	1,847	2; 20	6-17
5 Bible Grove East.	Clay	Calvert & Willis, L. Shields 1	23-5N-7E	2,953	Residuals	1,800		
6 Bible Grove East.	Clay	N. V. Duncan, A. A. Harmon Heirs 1	27-5N-7E	2,978	McClosky	2,763	10; 20	11-4
7 Bone Gap South.	Edwards	E. Witt (D. Miller), F. S. Raester 1	18-1S-14W	3,191	Aux Vases	2,768	115; 50	11-25
8 Bonpas.	Richland	Gilliam et al., J. Provines 1	34-3N-14W	3,135	McClosky	3,088	76; 15	7-1
9 Boyleson Consol.	Wayne	B. J. Taylor et al., A. R. Burkett 1	18-1S-7E	3,345	Aux Vases	3,152	30; 180	6-17
10 Boyleson Consol.	Wayne	Robinson & Puckett, Henson Cons. 1	30-1S-8E	3,453	Residuals	3,259	40; 150	11-10
11 Brown.	Wabash	Cherry & Kidd, Gray-Tanquary 1	27-1S-14W	2,963	McClosky	2,958	30; 60	8-26
12 Brown South.	Edwards	Lynn, Calvert & Willis, A. J. Messman 1	9-2S-14W	3,075	Bethel	2,928	41; 15	2-18
13 Calhoun Consol.	Richland	O. Weston, E. O. Kirk 1	29-3N-10E	3,168	Aux Vases	2,970	140	12-16
14 Calvin North.	Wayne	D. Miller Drfg., Johnson 1	6-4S-11E	3,204	McClosky	3,134	42; 40	8-26
15 Cane.	Wayne	N. Redwine, W. Lusk 1	3-1S-7E	3,310	Lower O'Hara	3,151	17; 33	2-18
16 Clay City Consol.	Wayne	Robinson & Puckett, M. Shackleford 1	2-1N-8E	3,091	Residuals	3,079	200	7-15
17 Clay City Consol.	Wayne	D. Slape et al., F. Pettijohn 1	27-2N-7E	2,986	Aux Vases	2,972	95	10-21
18 Clay City Consol.	Wayne	D. Slape, S. O. Hosselton 1	29-2N-8E	3,010	Residuals	2,908	95; trace	10-28
19 Clay City Consol.	Wayne	Tuley & Carter, J. O. Sandlin 1	35-2N-8E	3,087	McClosky	3,078	72	8-12
20 Clay City Consol.	Clay	W. Bell, C. T. Smith 1	35-3N-8E	3,074	Aux Vases	2,882	73	10-14
21 Clay City Consol.	Wayne	Robinson & Puckett, D. Perardi 1	7-1S-8E	3,135	Aux Vases	2,882	110	10-14
22 Cowanwood.	Gallatin	Mealy & Wolfe, L. M. Mills 1	28-7S-9E	2,331	Tar Springs	2,289	13	7-1
23 Dabos.	Edwards	G. Wickham, Mason-Schroeder 1	22-2S-14W	3,009	Bethel	2,731	32	10-14
24 Dubs.	Washington	W. O. Allen, J. L. Kasban 1	18-3S-1W	1,336	McClosky	1,285	5,200,000 cu. ft.	10-14
25 Ewing.	Franklin	Sohio, Bosserman 1	5-5S-8E	2,841	Cypress	2,785	5,200,000 cu. ft.	9-30
26 Gaff.	Wayne	Tuley & Carter, J. C. Stanley 1	18-1S-8E	3,107	Aux Vases	2,830	117	1-14
27 Gaff West.	Wayne	A. J. Slagter, J. T. Haynes 1	4-1S-7E	3,173	Aux Vases	3,083	80	4-1
28 Gaff West.	Wayne	Nation Oil, W. G. Cisne 1	10-1S-7E	3,170	Aux Vases	3,105	42; 3	8-5
29 Greenville West.	White	B. Lambert, Robinson Heirs 1	27-3S-10E	2,871	Cypress	2,698	35; 25	7-29
30 Half Moon.	Wayne	George & Wrather, W. C. Turner 1	23-1S-9E	3,375	Residuals	2,851	63	12-9
31 Herald.	White	Central Pipe Line, T. Poole 1	25-6S-9E	3,140	Lower O'Hara	3,340	60; 40	9-30
32 Herald.	White	B. M. Heath, M. E. Austin 1	32-6S-9E	2,506	Degrass	2,662	121; 40	7-8
33 Herald East.	White	Oil Mfg., Eutbanks 1	18-7S-10E	2,930	Aux Vases	2,918	89	12-16
34 Hossier North.	Clay	Evans & Barrow, L. Stanley 1	35-5N-7E	2,960	McClosky	2,853	71; 15	5-27
35 Johnsonville Consol.	Wayne	Nat'l. Assoc. Pet., Z. H. Grinesstaff 1	25-1N-6E	3,213	McClosky	3,206	9-9	9-9
36 Johnsonville West.	Wayne	Puritan Drfg., B. Spicer 1	24-1N-5E	2,973	Aux Vases	2,954	200; 65	8-5
37 Johnsonville West.	Gallatin	Taylor, B. Watkins 1	26-1N-5E	3,087	McClosky	3,064	120	11-10
38 Junction.	Gallatin	C. E. Skiles, Stinson 1	9-9S-9E	2,012	Pennsylvanian	1,429	17	7-22
39 Junction North.	Gallatin	Delta Drfg., Ingleton 1	34-8S-9E	1,587	Pennsylvanian	1,564	40	1-14

TABLE 2. — B. Continued

Pool	County	Company and Farm	Location	Total Depth, Feet	Producing Formation	Top of Pay	Initial Production (Barrels)- ^a	Date of Completion of Discovery Well
40	Keensburg Consol.	Ill.-Mid-Continent, Kurtz 1	25-2S-14W	2,874	Tar Springs	2,096	15; 15	3-4
41	Kemper North.	A. J. Slaeter, C. Taekitt 1	36-3N-5E	2,987	Rosiclare	2,875	65; 2	6-10
42	Kemper North.	Nat'l. Assoc. Pet., E. Spolker 1	12-3N-5E	2,803	Aux Vases	2,779	20; 20	6-17
43	Lancaster East.	Arvin Drilg., E. Alka 1	35-2N-13W	2,750	Rosiclare	2,662	150	3-18
44	Lancaster East.	Nation Oil, C. E. Haefely 1	20-3N-9E	3,478	McClosky	3,377	43; 20	12-9
45	Lilyville	Nat'l. Assoc. Pet., J. J. Schneiderjan 1	6-8N-7E	2,416	McClosky	2,403	90	7-22
46	Maud North.	Calvert & Willis, A. Garwood 1	16-1S-13W	2,608	Bethel	2,586	34	8-26
47	Maud North.	Hayes & Wolfe, L. Peter A-1	20-1S-13W	2,939	Rosiclare	2,859	32; 1	8-12
48	Maud North.	J. H. Gilliam, W. Hines 1	36-5S-10E	3,167	Paint Creek	2,812	97	9-16
49	Maud North.	Nat'l. Assoc. Pet., E. Tidball 1	23-1S-8E	3,188	Lower O'Hara	3,097	113	1-7
50	Maud North.	Magnoia, F. E. Henning 1	19-5S-14W	3,127	Rosiclare	3,014	15; 6	11-10
51	Maud North.	Calvert & Willis, Yunker et al 1	14-3N-8E	3,090	Rosiclare	3,002	84; 14	8-12
52	Maud North.	P. Fulk, T. Dresser 1	36-4N-9E	2,981	Cypress	3,068	18; 2	9-16
53	Maud North.	George & Wether, M. Leaf 1	13-4N-10E	3,082	McClosky	2,554	23; 50	10-21
54	Maud North.	T. B. Dirckson, Kuensler 1	2-4N-8E	3,025	McClosky	3,019	720 (BOF)	11-18
55	Maud North.	C. E. Brehm, J. W. Oliver et al 1	29-7S-8E	2,115	Waltersburg	2,084	30	8-5
56	Roanoke Hill.	B. Taylor, Wilson 1	30-6S-6E	3,192	Aux Vases	3,180	52; 71	2-4
57	Rural Springs Consol.	Nat'l. Assoc. Pet., S. Lee 1	15-3N-7E	2,990	McClosky	2,949	84	7-29
58	Rural Springs Consol.	E. A. Obering, Armstrong 1	20-3N-7E	2,992	McClosky	2,978	105; 11	9-23
59	Rural Springs Consol.	Schladly & Sivka, R. N. Davis 1	21-1N-2E	1,928	Bethel	1,918	5; 75	9-2
60	Staten.	B. Taylor et al, H. J. Sebastian 1	21-1N-2E	1,935	Bethel	1,920	11; 30	9-2
61	Staten.	F. E. Turner, F. Maun 1	28-2N-1W	1,295	Cypress	1,288	44	12-2
62	Staten.	P. Doran, B. Manning 1	14-11N-4E	2,084	Aux Vases	1,866	69; 43	9-2
63	Staten.	Ashland & Buchman, A. Orman 1	18-6S-10E	3,062	McClosky	3,027	50	9-23
64	Trumbull.	Pure, M. E. Husk 1	20-5S-9E	3,352	Aux Vases	3,194	6; 31	2-18
65	Trumbull.	W. E. Witt, J. W. Williams 1	6-5S-9E	3,382	Rosiclare	3,288	48; 18	11-25
66	Wesford East.	F. Hessler, B. Buckler 1	36-12N-14W	460	McClosky	3,288	3	9-9
67	Willow Hill Consol.	Robinson & Puckett, C. J. McCord 1	23-7N-10E	2,597	Pennsylvanian	453	87	11-4
68	Woburn South.	L. Horton, L. F. Stoecklin 1	16-6N-2W	3,179	Rosiclare	2,549	3,153	8-12
69	Woodlawn.	C. E. Townsend, O. Watkins et al 1	25-3S-1E	2,036	"Trenton" Bethel	3,153	45	7-8

^a/Oil and water.

TABLE 2. — C. Discovery Wells of Additional Producing Zones in Pools

Pool	County	Company and Farm	Location	Total Depth, Feet	Producing Formation	Depth to Top Feet	Production (Barrels) ^a	Date of Completion of Discovery Well
1 Albon East.....	Edwards	W. Bell, f. Fieber 1	31-2S-14W	3,231	Rosiclare ^b	3,126	42: 30	7-1
2 Beman East.....	Lawrence	S. Zanets, Lindsay 1	20-3N-10W	1,907	Aux Vases ^c ; Rosiclare ^b	1,809; 1,860	2: 20	6-17
3 Berryville.....	Wabash	Phillips Pet., Fite 1	35-2N-14W	3,013	Rosiclare ^b	2,911	150: 2	8-12
4 Bible Grove East.....	Clay	Calvert & Willis, L. Shields 1	27-5N-7E	2,958	McClosky	2,878	10: 20	11-4
5 Bible Grove East.....	Clay	N. V. Duncan, A. A. Harmon Hairs 1	27-5N-7E	2,978	Aux Vases	2,783	115: 50	11-25
6 Bible Grove North.....	Edfingham	Superior, C. Klueme 1	10-6N-7E	2,887	Cypress ^b	2,533	54: 14	6-3
7 Bible Grove North.....	Edfingham	Superior, C. Klueme 1	10-6N-7E	2,944	Rosiclare ^b	2,835	7: 23	5-20
8 Bible Grove South.....	Clay	W. Duncan, Harden-Webster Comm. 1	20-5N-7E	2,758	Cypress	2,500	26	11-11
9 Bone Gap.....	Edwards	Cities Service, L. Thread "A" 1	18-1S-11E	3,216	Rosiclare ^b	3,198	99	4-29
10 Bone Gap South.....	Edwards	Calvert & Willis, Briggs 1	18-1S-11E	3,090	Aux Vases	3,015	125	7-29
11 Bone Gap South.....	Edwards	E. Witt (D. Miller), F. S. Raester 1	19-1S-14W	3,191	McClosky	3,058	76: 15	7-21
12 Browns.....	Edwards	Potter, Reeves, Lobell, Beidel 1	34-1S-14W	3,010	Rosiclare ^b	2,973	225: 10	5-6
13 Browns.....	Wabash	Cherry & Kidd, Gray-Newman 5	4-2S-14W	3,031	Tar Springs ^b	2,364	90: 40	2-9
14 Browns South.....	Edwards	Lynn, Calvert & Willis; A. J. Messman 1	9-2S-14W	3,075	Aux Vases ^b	2,950	11	9-9
15 Calvin North.....	White	D. Miller Drig., Johnson 1	6-4S-11E	3,204	Lower O'Hara	3,048	42: 40	8-26
16 Concord Central.....	White	Great Lakes Carbon, Calvert 1	4-7S-10E	3,053	Cypress ^c ; McClosky ^b	2,607; 2,970	9: 9	3-18
17 Concord North.....	White	C. E. Brckham, A. William 1	10-6S-10E	3,071	Lower O'Hara ^b	3,093	80	4-22
18 Cowling.....	Edwards	G. Wickham, G. Broster 1	34-2S-14W	2,016	Palestine	2,001	248	1-28
19 Dubois.....	Washington	W. O. Allen, J. L. Kasban 1	18-3S-1W	1,336	Cypress	1,185	5,200,000 cu.ft.	9-30
20 Eberle.....	Edfingham	Nat'l. Assoc. Pet., A. Jacobs 2	24-6N-6E	2,483	Cypress	2,473	32: 10	11-25
21 Ellery South.....	Edwards	Henman & Gher, H. E. Perkins 1	33-2S-10E	3,345	Aux Vases	3,209	20: 5	12-29
22 Epworth East.....	White	W. O. Allen, Brimble-Combe 1	28-5S-10E	3,127	Tar Springs	2,359	500	5-13
23 Ewing.....	Franklin	Sohio, Bosserman 1	5-5S-8E	2,541	Aux Vases	2,830	117	1-14
24 Geff West.....	Wayne	A. J. Slagter, Jr., Barnard 1	4-1S-7E	3,214	McClosky ^b	3,199	77: 80	10-21
25 Geff West.....	Wayne	A. J. Slagter, Evans 1	4-1S-7E	3,205	Rosiclare ^b	3,202	25: 30	1-7
26 Grayville.....	White	S. C. Yungling, Sanders 1	20-3S-14W	3,375	Waltersburg	3,340	153	1-7
27 Half Moon.....	Wayne	George & Wreather, W. C. Turner 1	23-1S-9E	2,772	Rosiclare ^b	2,302	153	9-30
28 Herald.....	White	B. M. Heath, M. E. Austin 1	13-7S-9E	2,506	Degonia	1,920	66: 20	12-16
29 Herald East.....	White	C. E. Skiles, Williams 1	13-7S-9E	2,414	Tar Springs	2,397	20: 20	10-14
30 Hoosier North.....	Gallatin	J. Reznik, C. Glover 1	24-7S-9E	3,093	Aux Vases	2,924	194	7-22
31 Hoosier North.....	Clay	J. W. Rudy, P. W. Bateman 1	26-5N-7E	2,565	Cypress	2,560	28	10-28
32 Hoosier North.....	Clay	Evans & Barrow, I. Brooks Comm. 1	35-5N-7E	2,905	Lower O'Hara ^b	2,881	20	7-29
33 Hoosier North.....	Clay	Nat'l. Assoc. Pet., C. Wattles 1	35-5N-7E	2,908	McClosky ^b	2,891	24	2-25
34 Inman.....	Gallatin	C. C. Clark, Daily 2	19-8S-10E	932	Pennsylvanian	924	25	8-19
35 Inman North.....	Gallatin	Coy & Ashland, Foster 1	11-8S-9E	2,360	Hardinsburg	2,330	24: 2	2-11
36 Inman North.....	Gallatin	Coy & Ashland, Foster 2	11-8S-9E	2,524	Cypress	2,510	50	4-7
37 Inman North.....	Gallatin	Coy & Ashland, Foster 3	11-8S-9E	2,545	Tar Springs ^b	2,177	52: 35	5-27
38 Inman West.....	Gallatin	Kingwood, Schiff 1	21-8S-9E	2,957	Palestine ^b	1,915	32: 17	11-25
39 Junction North.....	Gallatin	C. E. Skiles, Stinson 1	9-9S-9E	2,012	Pennsylvanian	1,429	17	7-22
40 Junction North.....	Gallatin	Delta Drig., Ingleton 1	34-8S-9E	1,587	Pennsylvanian	1,564	40	1-14
41 Kenner.....	Clay	A. J. Slagter, C. Taokitt 1	36-3N-5E	2,987	Rosiclare ^b	2,875	65: 2	6-10
42 Kenner North.....	Clay	Nat'l. Assoc. Pet., E. Spiker 1	12-3N-5E	2,803	Aux Vases	2,779	20: 20	6-17
43 Kenner North.....	Clay	Nat'l. Assoc. Pet., Theobald 4-A	17-3N-6E	3,041	McClosky	2,964	308	4-15
44 Kenner West.....	Clay	Phillips Pet., Coldasare 4	23-3N-5E	3,047	McClosky	2,869	38: 71	10-14
45 Kenner West.....	Clay	Phillips Pet., Randall 1	23-3N-5E	3,006	Bethel ^b	2,703	241: 50	4-15
46 Lancaster Central.....	Wabash	Nu-Enamel, A. H. Barnes 1	7-1N-13W	2,854	Lower O'Hara	2,739	168	1-21
47 Lancaster Central.....	Wabash	Nu-Enamel, C. F. Higgins 1	7-1N-13W	2,815	McClosky ^b	2,808	56: 6	3-11

TABLE 2. — C. Continued

Pool	County	Company and Farm	Location	Total Depth, Feet	Producing Formation	Top of Pay	Initial Production (Barrels) ^a	Date Completion of Disc.
48 Lancaster East.....	Wabash	Arvin Drlg., E. Alka 1	35-2N-13W	2,750	Rosiclare	2,662	150	3-18
49 Main.....	Crawford	W. H. Wright, Walters 1	19-7N-13W	1,823	Salem	1,817	20; 2	4-7
50 Maud.....	Wabash	Ill. Mid-Continent, T. Grundon 1	35-1S-13W	2,308	Cypress	2,287	200	11-4
51 Maud North.....	Wabash	Hayes & Wolfe, L. Peter "A" - 1	20-1S-13W	2,039	Rosiclare	2,859	32; 1	8-12
52 Mamie North.....	White	J. H. Gilliam, Stenaker 1	36-5S-10E	3,125	Rosiclare	3,033	101; 10	12-29
53 Milletus.....	Marion	Sun, H. Kaiser 2	16-4N-4E	2,160	Bethel	2,152	16	5-6
54 Milletus.....	Marion	Nat'l. Assoc. Pet. W. Adams 1	21-4N-4E	2,418	McClosky ^b	2,347	42; 47	7-29
55 New Haven West.....	Gallatin	Sohio, J. W. Tedford 2	23-7S-10E	2,036	Lower O'Hara	2,789	7	10-7
56 Roland.....	White	Sindair Wyoming, C. D. Reddy 2	2-7S-3E	2,947	Clare ^c	1,994	28; 2	6-24
57 Russellville (gas).....	Lawrence	Sindair Wyoming, C. H. Benson 2	18-4N-10W	1,570	McClosky	1,551	25; 100	7-1
58 Sailor Springs Consol.....	Clay	P. Fulk, Stanford 2	9-3N-7E	2,989	Lower O'Hara	2,943	200	12-9
59 Shattuc.....	Clinton	T. M. Conroy, E. Kestler 2	27-2N-1W	1,438	Paint Creek	1,406	44	7-1
60 Stamford West.....	Clay	Nat'l. Assoc. Pet., J. N. Klein 2	33-3N-7E	3,083	Rosiclare ^b	2,978	40; 13	3-25
61 Trumbull.....	White	E. With, J. W. Williams 1	6-5S-9E	3,382	McClosky ^b	3,288	48; 13	11-25
62 West Frankfort South.....	Franklin	H. Aincs et al, Thompson 1 - A	30-7S-3E	2,731	Aix Vases	2,703	15	7-1
63 West Frankfort South.....	Franklin	R. Barmes et al, West Frankfort Packing Co. 1 - A	30-7S-3E	2,912	McClosky	2,927	248 + trace	11-11
64 Whittington West.....	Franklin	M. H. Richardson, Franklin Co. Coal 1	14-5S-2E	2,786	Rosiclare	2,779	11; 1	5-27
65 Woodlawn.....	Jefferson	N. Restvine, Laney et al 1	24-3S-1E	2,217	Rosiclare	2,195	7 + trace	10-7

^a/Oil and water.^b/Dual completion.^c/Triple completion.

it are in Illinois) and the completion of two refined products lines in the northern part of the state. The Wood River Oil and Refining Company's 8-inch line delivers products from a barge terminal on the Illinois River at Peru to the Rockford area 60 miles north. The Standard Oil Company's (Ind.) 10-inch line from Whiting, Indiana, delivers refined products to northwestern Illinois and the Minneapolis-St. Paul region. Approximately 185 miles of this line is in Illinois. Other minor projects connect the new pools to pre-existing crude oil systems or increase the capacity of trunk crude oil or products lines by further looping or by modification of pumping equipment.

The Mississippi River Fuel Corporation increased its gas deliveries from northern Louisiana to the St. Louis area by adding a 22-inch line looping and in some areas paralleling its existing system at a distance of several miles. Approximately 30 miles of the new line is in Illinois between Modoc and East St. Louis. The Natural Gas Pipe Line Company of America has practically completed looping its 22- to 24-inch line to the Chicago district. As a result there have been several changes from manufactured to natural gas among public utility companies serving the northeastern part of the state.

REFINERIES

No new refineries were constructed in Illinois in 1947, but there were considerable increases in capacity of four refineries: the Shell and Standard (Ind.) refineries at Wood River, the Texas Company refinery at Lockport, and the Arrow refinery at Centralia. The total daily capacity of refineries operating in Illinois on January 1, 1948, was approximately 325,000 bbl.

NATURAL GAS, NATURAL GASOLINE AND LIQUEFIED PETROLEUM GAS

Approximately 18,230,000,000 cu ft of gas from oil wells in the Loudon, Salem, New Harmony, Benton, Dale-Hoodville, and Southeastern Illinois fields was processed in natural gasoline plants, where according to preliminary data of the U. S. Bureau of Mines it yielded 47,455,-

TABLE 2.—D. Selected List of Dry Tests

Pool	County	Company and Farm	Location	Total Depth, Feet	Deepest Formation	Depth to Top Feet	Date of Completion
1	Bond	H. Hoffman, G. Wilson "A" 3	24-4N-3W	2,460	Devonian	2,445	3-4
2	Christian	Sun Oil, A. Bittinger 1	8-13N-1W	2,910	"Trenton"	2,788	12-29
3	Clark	J. W. Menhall, Eibeck 2	11-9N-11W	2,580	Devonian	2,402	9-9
4	Clark	J. W. Menhall, E. P. Daly 1	27-9N-11W	2,659	Devonian	2,478	11-18
5	Bartleso West	P. Mosebach et al, C. Meyer 2	18-1N-3W	2,820	Devonian	2,446	4-24
6	Boulder	Texas, Defand-Gray Comm. 1	35-3N-2W	3,813	"Trenton"	3,711	8-28
7	Carlyle	Murphy Oil, Hemmen 1	10-2N-3W	2,614	Devonian	2,518	12-29
8	Mattoon	Blalock & Walkers, Coles County Looker Co. 1	11-12N-7E	3,211	Devonian	3,172	2-4
9	Mattoon	B. A. Baker, H. Hagen 1	1-12N-7E	3,181	Devonian	3,139	7-1
10	Coles	H. Sanders et al, R. M. Childress 1 - B	30-13N-11E	2,325	"Trenton"	2,134	8-5
11	Coles	E. Zink, Bales 1	8-12N-9E	2,185	Devonian	2,114	12-2
12	Douglas	Burkett & Fernham, A. Brock 1	7-15N-14W	859	Devonian	799	7-15
13	Fayette	Natl. Assoc. Pet.-Asaland, J. M. Dugan 1	23-6N-1W	3,900	"Trenton"	3,737	12-2
14	Hancock	D. E. Lambert, W. Griffith 1	26-7N-8W	1,102	St. Peter	977	5-13
15	Jersey	T. R. Kerwin et al, Legate 1	2-6N-13W	2,680	Lemotte	2,670	12-2
16	Macoupin	Sun Oil, C. C. Alford	3-9N-6W	2,552	Glenwood	2,533	3-25
17	Madison	Texas, A. H. Hosto 1	18-5N-5W	2,755	Platina	2,744	7-29
18	Marion	Natl. Assoc. Pet., Lacey 5	21-4N-4E	3,950	Devonian	3,787	10-28
19	Millettus	J. Reznik, Monke 1	4-7N-5W	2,600	"Trenton"	2,490	6-3
20	Washington	L. V. Horton, B. Huok 1	16-1S-2W	2,965	Devonian	2,875	1-14

000 gal of gasoline and about 115,468,000 gal of liquefied petroleum gases (butane and propane)*.

This is by far the most important economic use of natural gas in Illinois. Approximately 5½ billion cu ft of the residue gas from the natural gasoline plants was injected into the producing formation, 306,000,000 cu ft was marketed, less than 100,000,000 cu ft of it was flared, and the remaining 7 or 8 billion cu ft was used as plant or lease fuel.

Gas was marketed from two gas pools, from gas wells in one oil pool and oil wells in another, and from two gasoline plants as noted in Table 8. A third gas pool, Panama, was connected to the system of the Bond County Gas Co. briefly in November 1947, but the pressure dropped so rapidly that the wells were soon disconnected and the amount produced was insignificant.

TABLE 3—Completions and Production in Illinois 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	4,542	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: Jan.	146	87	5,550	435	5,985
Feb.....	130	81(1)	4,936	366	5,302
Mar.....	184	112(3)	5,368	408	5,776
Apr.....	121	71(1)	5,152	436	5,588
May.....	147	81(2)	5,223	434	5,657
June.....	160	91(3)	4,936	410	5,346
July.....	188	98(1)	5,135	443	5,578
Aug.....	206	97(2)	5,010	411	5,421
Sept.....	204	105(2)	4,958	418	5,376
Oct.....	190	97(2)	5,158	444	5,602
Nov.....	212	105(5)	4,873	374	5,247
Dec.....	160	77	5,156	425	5,581
Total.....	2,046	1,102(22)	61,455	5,004	66,459

^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 Bartleso.
^d From the U. S. Bureau of Mines.
^e Figures in parentheses refer to number of producing wells included in total which had previously been completed as dry holes.

*Personal communication, F. S. Lott, March 19, 1948.

TABLE 4 — Wildcat Wells Drilled in Illinois in 1947, Classified by Method of Location

Method of Location	Wildcat Near ^a		Wildcat Far ^b		Total Wildcats	Total Producers	Percentage Successful
	Total	Producers	Total	Producers			
Geology.....	296	69	169	22	465	91	19.5
Geophysics.....	1	0	2	0	3	0	0.0
Geology and Geophysics.....	12	0	26	6	38	6	15.8
	309	69	197	28	506	97	19.2
Nonscientific.....	3	0	23	0	26	0	0
Unknown.....	2	0	2	0	4	0	0
Total.....	314	69	222	28	536	97	18.1

^a One half to two miles from production.^b More than two miles from production.TABLE 5 — Summary of Drilling and Initial Production in Illinois for 1947^a

County	Number of Wells Drilled in 1947			Total Initial Production		Footage Drilled in 1947	
	Total Completions	Total Producing		Oil In Bbls.	Gas in Millions of Cubic Feet	Total	Producing Wells
		Oil	Gas				
Bond.....	19	9	0	606		41,958	24,665
Brown.....	1	0	0	0		835	0
Christian.....	3	1	0	4		6,452	1,920
Clark.....	46	10	0	121		29,046	4,638
Clay.....	196	125	0	20,055		564,579	348,491
Clinton.....	46	21	0	527		62,898	27,192
Coles.....	38	21	0	1,544		70,561	41,627
Crawford.....	19	8	0	195		24,709	10,306
Cumberland.....	19	4	0	573		34,303	6,132
Douglas.....	1	0	0	0		859	0
Edgar.....	12	1	0	1		5,667	351
Edwards.....	77	33	0	3,405		235,772	96,947
Effingham.....	39	19	0	1,056		101,889	49,102
Payette.....	22	3	2	102	1.050	41,672	7,539
Franklin.....	49	30	0	2,848		126,552	74,871
Gallatin.....	88	45	1	2,880	10.500	228,224	110,674
Hamilton.....	100	65	0	6,993		328,369	207,597
Hancock.....	4	0	0	0		3,660	0
Jackson.....	1	0	0	0		2,616	0
Jasper.....	97	46	0	5,642		266,355	123,704
Jefferson.....	51	19	0	1,148		129,127	43,241
Jersey.....	1	0	0	0		2,680	0
Lawrence.....	67	25	0	951		125,647	43,303
Livingston.....	1	0	0	0		155	0
McDonough.....	1	0	0	0		490	0
Macon.....	1	0	0	0		2,344	0
Macoupin.....	3	0	0	0		3,984	0
Madison.....	42	24	0	2,143		73,640	42,040
Marion.....	56	29	0	1,427		128,073	62,722
Montgomery.....	8	1	0	34		8,772	620
Morgan.....	1	0	0	0		308	0
Moultrie.....	1	0	0	0		2,060	0
Perry.....	5	0	0	0		8,468	0
Richland.....	109	68	0	9,380		331,204	204,403
St. Clair.....	3	3	0	45		1,986	1,986
Saline.....	6	1	0	91		18,502	3,148
Sangamon.....	1	0	0	0		823	0
Shelby.....	19	3	0	85		37,481	5,608
Wabash.....	301	175	0	18,160		739,326	426,892
Washington.....	16	1	5	14	21.680	24,120	7,649
Wayne.....	253	147	0	11,245		796,365	452,644
White.....	223	134	1	10,622	3.000	645,393	369,234
	2,046	1,071	9	101,897	36.230	5,257,874	2,799,246

^aDoes not include input wells, salt water disposal wells, or old wells worked over.

Of nine gas wells completed during the year, only two in Louden pool were used. Five wells proving over 200 acres of Cypress sand for gas production in Dubois pool, Washington County, appear the most promising gas developments of the year, but they had no outlet at the year's end.

From spot checks of a few typical wells, the Illinois Geological Survey estimates that between 35 and 45 billion cu ft of unmetered gas was produced with oil in pools without gasoline plants. Somewhat less than half of this gas was

TABLE 6—Geophysical Operations in Number of Crew Weeks Worked

Month	Method		
	Seismograph	Gravimeter	Resistivity
Jan.....	32	4	4
Feb.....	32	4	4
Mar.....	32	4	4
Apr.....	28	6	4
May.....	32	8	4
June.....	30	8	4
July.....	28	8	4
Aug.....	28	8	4
Sept.....	28	8	4
Oct.....	26	6	4
Nov.....	24	4	4
Dec.....	24	4	4
Total.....	344	72	48

TABLE 7—Fields With Wells Producing From More Than One Formation

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations*
Aden Consolidated.....	Wayne, Hamilton	21	21AM
Aden South.....	Hamilton	1	1AM
Albion Consolidated.....	Edwards	39	1MaH, 3BrBi, 1BrBiB, 1BrDA, 1BrHLM, 2BrA, 1BrLM, 7BW, 1BrWTM, 2BWA, 1BB, 2WA, 2WBA, 1WL, 1WAM, 1WM, 1CAM, 5BA, 1BAM, 1BM, 3AM
Albion East.....	Edwards	3	1PB, 1RM, 1CAM
Barnhill.....	Wayne	1	1AM
Beman.....	Lawrence	2	2AR
Benton North.....	Franklin	3	1PA, 1AL, 1LM
Bible Grove.....	Clay, Effingham	1	1CM
Bible Grove North.....	Effingham	1	1CM
Blairsville.....	Hamilton	3	3AM
Bone Gap.....	Edwards	4	4RM
Boos North.....	Jasper	5	5RM
Boyd.....	Jefferson	41	39BA, 2BAL
Boyleston Consolidated.....	Wayne	8	6LM, 2AM, 1AR
Browns.....	Edwards, Wabash	10	1TM, 7CM, 1CB, 1CBM
Browns East.....	Wabash	5	5CM
Browns South.....	Edwards	1	1BA
Calhoun Consolidated.....	Richland, Wayne	15	8LM, 7RM
Calhoun North.....	Richland	1	1RM
Calvin North.....	White	2	2BiT
Carmi North.....	White	1	1CA
Centerville East.....	White	3	1TC, 1TCM, 1TL
Centralia.....	Clinton, Marion	24	24CB
Cisne.....	Wayne	18	1AR, 5AM, 8ARM, 4RM
Clay City Consolidated.....	Clay, Wayne	110	2CA, 1CAM, 1CR, 3ALM, 4AR, 4ALRM, 9ARM, 1AL, 44AM, 4LM, 3LR, 34RM
Coil West.....	Jefferson	3	1AL, 1ALM, 1LM
Concord.....	White	19	1TM, 1CAM, 17AM
Concord Central.....	White	1	1CAM
Concord North.....	White	1	1AM
Dale-Hoodville Consolidated.....	Hamilton	96	4TC, 4TA, 1TCA, 2TCBA, 5CBA, 1CA, 2PA, 3BAM, 72BA, 2RM
Divide West.....	Jefferson	2	2RM
Dubois West.....	Washington	1	1CB
Dundas Consolidated.....	Richland, Jasper	16	1CM, 5AM, 10RM
Ellery.....	Edwards, Wayne	1	1AM
Epworth East.....	White	1	1TC
Flora.....	Clay	2	2BM
Friendsville South.....	Wabash	9	1BiPaC, 4BiC, 1PaC, 3CP
Goldengate Consolidated.....	Wayne	12	1AR, 3AM, 8LM
Grayville.....	Edwards, White	2	1BiC, 1PaC
Herald.....	White, Gallatin	4	1PaPA, 1AC, 1AM, 1LM
Hoosier North.....	Clay	1	1LM
Ingraham West.....	Clay	6	1CR, 1CBM, 4CM
Inman East.....	Gallatin	25	1PaCWT, 5PaT, 4CiT, 5WT, 3WC, 5TC, 2HC
Inman North.....	Gallatin	1	1TC
Inman West.....	Gallatin	8	1PaT, 7TC
Iola.....	Clay	32	1CPBA, 17CBA, 13BA, 1RM
Iron.....	White	3	1WT, 1TH, 1CB
Irvington.....	Washington	6	6CB

TABLE 7 — Continued

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations ^a
Johnsonville Consolidated	Wayne	37	2BM, 33AM, 2LM
Keensburg Consolidated	Wabash	25	1BiC, 1BiB, 1CP, 22CB
Keensville	Wayne	3	3LM
Kenner	Clay	1	1BA
Kenner North	Clay	1	1LM
Kenner West	Clay	11	10CB, 1BM
King	Jefferson	10	8AL, 1AR, 1AM
Lancaster	Wabash	1	1LM
Lech Consolidated	Wayne, White	4	4AM
Louden	Fayette, Effingham	631	225CP, 165CPB, 142CB, 10CBA, 2CPA, 10CPBA, 2CA, 4TC, 13PPA, 48PB, 8BA, 2PA
Markham City West	Jefferson	8	8AM
Mason South	Effingham, Clay	22	13BA, 1BAR, 1BAM, 1BRM, 1BARM, 1AM, 1ARM, 3RM
Mattoon	Coles	102	3CA, 4AR, 95CR
Maud	Wabash	2	2WM
Maunie North	White	5	1CB, 1PB, 1PR, 2BA
Maunie South	White	1	1CB
Miletus	Marion	3	2BA, 1AM
Mill Shoals	White, Hamilton, Wayne	11	1AR, 10AL
Mt. Carmel	Wabash	53	1PeT, 2PeC, 1BrC, 1BiW, 9BiC, 25BiB, 3BiCM, 1BM, 2JC, 5TC, 1TB, 1JaC, 1CB, 16CM, 1LR, 2LRM, 2LM, 2RM
Mt. Erie South	Wayne	2	1LM, 1RM
New Harmony-Griffin Consolidated	White, Wabash, Edwards	251	1PeBA, 1BiC, 1BiCA, 3WT, 2WTC, 2WTCB, 1WTCCA, 1WTCM, 14WC, 15WCB, 13WCBA, 2WCM, 2WCAM, 3WCBAM, 1WB, 1WAM, 1WM, 3TC, 1TCP, 2TCA, 3TCBA, 1TCAM, 1TCM, 1TP, 1TA, 55CB, 46BCA, 2CBAM, 2CBM, 19CA, 1CL, 7CM, 1PB, 12BA, 1BAM, 2BRM, 1BM, 12PA, 1PAR, 3CAM, 1AL, 7AM, 1RM
New Harmony South (Ind)	White	2	2PaD
New Haven	White	6	2TC, 2CA, 2CAM
Noble	Richland, Clay	6	4CM, 1ARM, 1LM
Noble North	Richland	3	1CM, 1CR, 1RM
Omaha	Gallatin	3	3PaT
Parkersburg Consolidated	Richland, Edwards	9	5CM, 3RM, 1LM
Patton	Wabash	1	1RM
Patton West	Wabash	4	1CB, 1CL, 1CM, 1RM
Phillipstown Consolidated	White	25	1PeD, 1PeT, 3PeB, 1DCL, 3DT, 1DA, 3CIT, 1PM, 7BA, 1BM, 2BAM, 1BRM
Roaches North	Jefferson	2	2BR
Roland	White	33	1PeW, 1CiWP, 1WC, 1WCBA, 4WB, 1WCBA, 12WA, 5CB, 4CA, 1CAB, 1BM, 1ALM
Rural Hill	Hamilton	64	2CAL, 1CL, 1PA, 4PAL, 20AL, 13ALM, 1AR, 22AM
Sailor Springs Consolidated	Clay	6	5TC, 1BA
Salem	Marion	977	554BA, 2BM, 1BSt, 2BAMSt, 2BAMS, 11BAMSSt, 1AM, 1RM, 240MS, 1MSt, 67MSSt, 28St, 4MDe, 1SDe, 88DeTr
Sims	Wayne	5	5AM
Stanford	Clay	1	1RM
Stanford South	Clay	1	1AM
Stanford West	Clay	1	1RM
Stokes-Brownsville	White	27	1TP, 3CB, 2CP, 2CA, 11HA, 1HR, 2PA, 1PLR, 4LR
Storms	White	3	2WT, 1WA
Tonti	Marion	3	3BA
Trumbull	White	1	1AR
Whittington	Franklin	1	1MSt
Woodlawn	Jefferson	4	2CB, 2BA
		2,907	

^a Names of sands are indicated as follows:

Pe, Pennsylvanian
Ma, Mansfield
Br, Bridgeport
Bi, Biehl
J, Jordan

Pa, Palestine
D, Degonia
Cl, Clore
W, Waltersburg
T, Tar Springs

G, Glen Dean
H, Hardinsburg
Ja, Jackson
C, Cypress
P, Paint Creek

B, Bethel
Re, Renault
A, Aux Vases
L, Lower O'Hara
R, Rosiclare

M, McClosky
St, St. Louis
S, Salem
De, Devonian
Tr, Trenton

used for lease fuel, less than one pct was injected into producing sands for pressure maintenance, and about two-tenths of one pct was marketed (Table 8). The remainder, some 20 billion cu ft or more, was flared. The greatest portion of this waste gas comes from recently completed wells with rather large initial productions, and particularly from wells completed in the McClosky limestone and Aux Vases sandstone. In general, oil wells several years old, or new wells with small production have little or no gas left beyond the requirements of their pumps.

TABLE 8 — *Natural Gas Produced in Illinois and Marketed in 1947*

Field, County	Where Marketed	Amount Marketed, Mcf.
Ayers (gas), Bond } Panama (gas), Bond } Louden (gas wells), Fayette	Greenville, Ill.	15,000
Louden (plant residue), Fayette	Vandalia, St. Elmo, Brownstown, Ill.	288,000
Russellville (gas), Lawrence	Vandalia, St. Elmo, Brownstown, Ill.	303,000
Salem (plant residue), Marion	Indiana	128,000
Storms (casinghead), White	Salem, Ill.	3,000
	Carmi, Ill	46,000

SECONDARY RECOVERY IN ILLINOIS DURING 1947

Interest in secondary recovery methods in Illinois during 1947 was definitely on the increase. In addition to further development in those areas already in operation (Siggins, Patoka, and Clay City Consolidated), there were six new water-flood projects started during the year. They were: (1) the Biehl sand in the Friendsville North pool, Wabash County; (2) the Biehl sand in the Calvin North pool, White County; (3) the Tar Springs sand in the Maunie South pool, White County; (4) the McCloskey lime in the Flora pool, Clay County; (5) the Cypress sand in the Browns East pool, Wabash County; and (6) the McCloskey lime in the Olney pool, Richland County. Though the projects are not large in

areal extent, the interest shown in these operations and the possibilities in other areas indicate that future developments will be rapid, especially if these early projects prove successful.

It is estimated that 8,300,000 bbl of additional oil have been recovered in Illinois by water-flooding since the first major project started in the fall of 1943. Comparable figures for the recovery by gas or air injection are not available. The present high price of oil should do much to encourage the further development of new areas by means of gas or water injection methods and thereby greatly increase the amount of oil produced in the State.

OUTLOOK FOR 1948

The present high price for crude oil of \$2.77 per bbl in the Illinois basin and the continued high level of demand will probably sustain the rate of drilling during 1948 at nearly the same level as in 1947. Although no new oil reservoirs in coral reefs like that productive in the Marine pool in Madison County have been discovered, interest continues in further exploration for this type of reservoir in a large area in Illinois. There is also continued interest in possibilities of production from lower Ordovician and Cambrian strata in spite of the fact that two recent tests drilled to the Cambrian or pre-Cambrian on large structures near the western border of Illinois were dry holes. Regardless of possible new discoveries in older systems, the Mississippian system will doubtless remain the principal source of oil in Illinois for a long time.

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Review of Development in the Southeastern Illinois Field, 1937-1947, inclusive

Prior to 1937 the Southeastern Illinois field had produced approximately 416,150,000 bbl of oil of the state's total of 425,495,000 bbl or about 98 pct. Accordingly, the oil history of the state up to that time is largely the history of this one field. The great development of new fields in the Illinois basin in 1937 and later has greatly overshadowed the continued developments of old fields. A brief review of developments in the old Southeastern Illinois field during the 11-year period, 1937-1947 inclusive, seems desirable at this time.

Total production from the Southeastern Illinois field during the 11-year period 1937-1947 was 43,266,000 bbl (see table below), or an average yearly pro-

duction of 3,933,000 bbl. This makes a total production for the field in 43 years, 1905-1947, of approximately 459,416,000 bbl.

The main period of drilling development in the Southeastern Illinois field was from 1905 to about 1916, by which time the productive areas for the various oil sands were largely defined. However, even after 1937 some small extensions have been drilled, especially in Lawrence County, and some small pools have been discovered along the flanks of the La Salle anticlinal belt, the major structure on which the Southeastern Illinois field is located. These include Westfield East and Beman on the east side and Sumner and Ruark on the west side.

Drilling and Production in Southeastern Illinois Field, 1937-1947

Year	Producers	No. of Wells Completed*		Production Bbl
		Dry	Total	
1937	34	15	49	4,139,000
1938	34	30	64	3,926,000
1939	10	22	32	2,738,000
1940	19	33	52	3,195,000
1941	64	45	109	3,875,000
1942	44	37	81	3,878,000
1943	43	47	90	4,203,000
1944	68	42	110	4,081,000
1945	16	26	42	4,091,000
1946	38	36	74	4,605,000
1947	51	77	128	4,535,000
	<hr/> 421	<hr/> 410	<hr/> 831	<hr/> 43,266,000

*Does not include wells drilled in secondary recovery operations.

FOOTNOTES TO COLUMN HEADINGS

TABLE 1

^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; MisL, Lower Mississippian; MisU, Upper Mississippian; Pen, Pennsylvanian; Per, Permian; Tri, Triassic; Jur, Jurassic; CreL, Lower Cretaceous; CreU, 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 Include all original completions, but exclude workovers or wells 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.

^e 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.

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

^g Show weighted average gravity A.P.I. as oil is delivered 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 26^o, etc.

^h 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; T, tillite.

ⁱ 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.

^j 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.

^k 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.

^l A, anticlinal; AF, anticlinal with faulting as important factor; Af, anticlinal with faulting as minor factor; AM, accumulation due to both anticlinal and monocline 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; ML, 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.

^m 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.

ⁿ Correct entry not determinable.