Press Bulletin Series For the Oil and Gas Industry

STATE OF ILLINOIS
DWIGHT H. GREEN, *Governor*
DEPARTMENT OF REGISTRATION AND EDUCATION
FRANK G. THOMPSON, *Director*
DIVISON OF THE
STATE GEOLOGICAL SURVEY
M. M. LEIGHTON, *Chief*
URBANA

S
14.GS:
IP 56
c. 2

No. 56 ILLINOIS PETROLEUM Oct. 11, 1947
Printed by Authority of the State of Illinois

Oil and Gas Development in Illinois in 1946

By Alfred H. Bell* and Virginia Kline*

In 1946, Illinois produced 75,297,000 bbl of oil, or 4.3 pct of the total for the United States, and ranked sixth in the nation in oil production for the fourth consecutive year. Production showed a slight increase over 1945, when the total Illinois production was 75,094,000 bbl. This is the first year since peak production was reached in 1940 in which production has not shown a decrease from the previous year. Daily averages by months were as follows:

Month	Barrels	Month	Barrels
Jan.	206,000	July	208,000
Feb.	210,000	Aug.	201,000
Mar.	208,000	Sept.	207,000
Apr.	208,000	Oct.	211,000
May	212,000	Nov.	200,000
June	207,000	Dec.	197,000

During the year, 2362 wells were drilled for oil or gas as compared with 1763 in 1945, an increase of about 34 pct. Of the 2362 wells drilled, 1364 were oil wells, 6 were gas wells, and 1002 were dry holes. Producing wells made up 58 pct of the wells completed, a slight decrease from 61 pct producing wells in 1944 and 1945. This decrease may be accounted for, in part, by an increase in wildcat drilling during 1946.

Although some of the increase in drilling in 1946 may be attributed to the dropping of wartime restrictions and to increased supplies of drilling materials, probably the most important factors were the expiration of many 10-year leases and the development of the Mattoon pool, in which about 350 wells were drilled during the year.

Manuscript received at the office of the Institute April 24, 1947.

* Geologist and Associate Geologist, respectively, Oil and Gas Division, Illinois State Geological Survey, Urbana, Illinois.

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 1946 by counties in Table 5.

Discoveries

Thirty oil fields and 1 gas field (Table 2A), 58 extensions to fields (Table 2B), and 33 new producing zones in fields (Table 2C) were discovered in 22 counties in Illinois in 1946. Of the 31 new fields, one was abandoned during the year. The new fields with the largest number of producing wells at the end of 1946 were Stanford South with 15 wells, Friendsville North and Hoosier with 10 wells each, and Covington East with 8. Browns East, discovered late in 1946, was being most actively developed at the end of the year. In all, 93 wells were producing in the new fields at the end of 1946, as compared with 97 wells producing at the end of 1945 from the 26 new fields discovered during that year.

The average initial production of the discovery wells of new fields decreased from 110 bbl of oil and 25 bbl of salt water for 1945 to 94 bbl of oil and 11 bbl of salt water for 1946. Largest initial production of a discovery well for the year was 900 bbl in the Lancaster Central pool.

In fields discovered since 1936, the total number of wells producing at the end of 1946 was 14,317.

Exploratory Drilling

Of the total number of wells drilled during 1946, wildcats accounted for 633, or 27 pct (Table 4). Of this number 89, or

Preprint, Statistics of Oil and Gas Development and Production in 1946. American Institute of Mining and Metallurgical Engineers, 1947.

14 pct, were successful in obtaining production, a slight increase in number from the 1945 total of 73, but a decrease in percentage of successful completions from 1945 (16 pct).

Tonti pool in Marion County was deepened to the Trenton and plugged back to Devonian production after failing to find oil in the Trenton.

A selected list of dry wildcat wells for

FIG 1—NUMBER OF PRODUCING WELLS AND OIL PRODUCTION IN ILLINOIS, 1937 TO 1946.

Of the 633 wildcat wells, 314 were drilled less than two miles from production; of these 58, or 18.5 pct, were successful. Of the 319 wildcat wells drilled more than two miles from production, 31, or about 10 pct were successful. Corresponding figures for 1945 were 228 wells drilled less than two miles from production with 47, or 21 pct successful, and 232 more than two miles from production with 26, or 11 pct successful.

In existing pools, 50 wells were drilled to test deeper pays. Of this number, 10 wells, or 20 pct opened new pays.

No pre-Mississippian oil pool was discovered in 1946. The second well completed in the Waverly pool in Morgan County is a Devonian gas producer which tested dry in the Trenton and was plugged back. The discovery well is a Pennsylvanian gas well. Dry Devonian tests were drilled in four Mississippian pools: Mattoon in Coles County, Lillyville in Cumberland County, Rural Hill in Hamilton County, and Boyd in Jefferson County. A Devonian well in the

1946, which includes Devonian and Trenton tests in shallower pools, is given in Table 2D.

The total footage of wildcat wells drilled in 1946 was 1,536,462 ft, of which 199,051 ft, or 17 pct. were drilled in successful wells.

Geophysical exploration during the year included use of seismograph, gravimeter, magnetometer, and electrical resistivity instruments, in contrast to 1945 when only seismograph work was reported. The number of geophysical parties operating throughout the year, by months and methods, is in Table 6.

DEVELOPMENT

Wells were drilled in 47 counties in Illinois in 1946, or in five more than in 1945. Ninety-two pct of the wells were concentrated in only 17 counties, or in only about 36 pct of the total number of counties in which there was drilling. Of the 1370 successful wells drilled, 1024, or nearly 75 pct, were concentrated in the

following six counties, arranged in order according to number of producing wells: Coles, White, Wayne, Wabash, Clay, and Richland. All but one of the producing wells completed in Coles County were in the Mattoon pool. Wabash ranked first in number of new pools, with six discovered during the year. New fields with

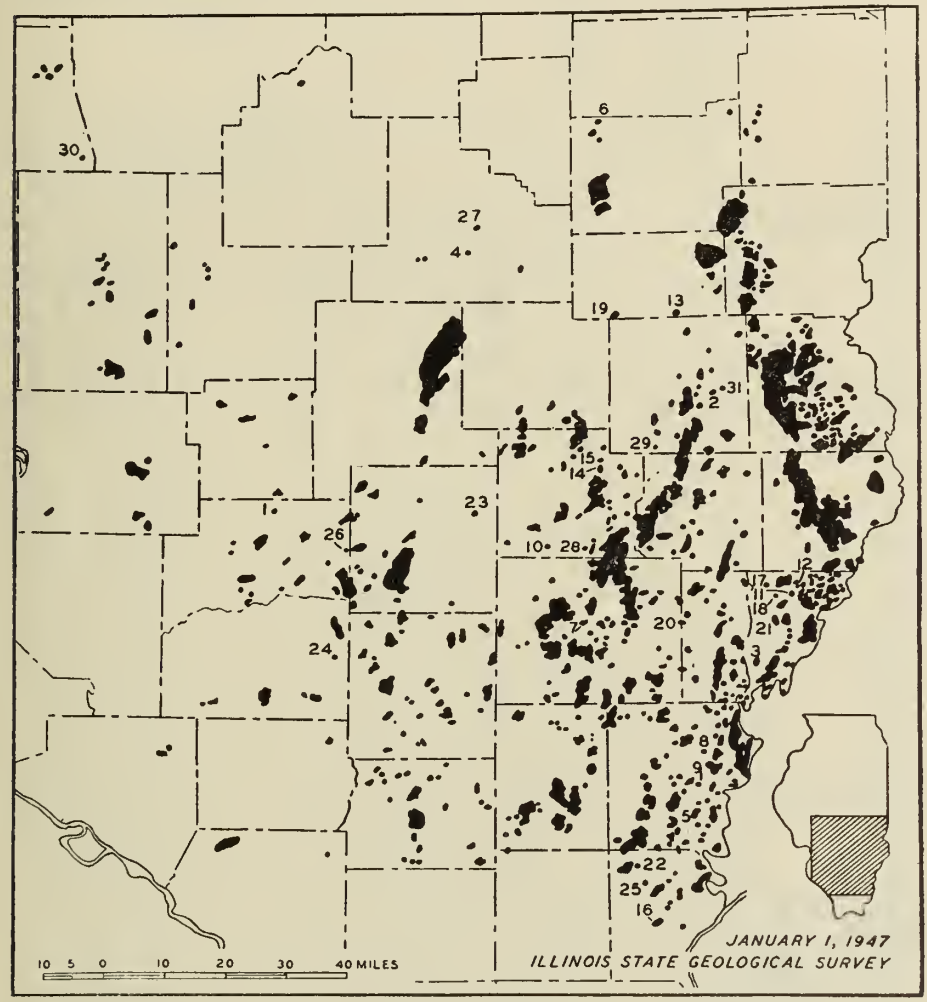

FIG 2—OIL AND GAS FIELDS OF ILLINOIS. NUMBERS INDICATE 1946 DISCOVERIES.

1. Beaver Creek South.
2. Boos East.
3. Browns East.
4. Clarksburg.
5. Concord North.
6. Cooks Mills North.
7. Covington East.
8. Crossville.
9. Epworth East.
10. Flora South.
11. Friendsville Central.
12. Friendsville North.
13. Hidalgo North.
14. Hoosier.
15. Hoosier North.
16. Junction North.
17. Lancaster Central.
18. Lancaster South.
19. Lillyville.
20. Massilon.
21. Maud North.
22. Omaha East.
23. Omega.
24. Richview.
25. Ridgway.
26. Sandoval West.
27. Shelbyville.
28. Stanford South.
29. Wakefield.
30. Waverly.
31. Willow Hill East.

TABLE 1—*Oil and Gas Production in Illinois*

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]		1946		
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
1	Warrenton-Borton, *Edgar*	1906	100	30,000	0		0	0	22	0	0
2	Westfield, *Clark, Coles*	1904	9,075	x	x		x	0	1,631	0	13
3			9,025	x	x		x	x	189	0	0
4			9,000	x	x		x	0	1,449	0	13
5			220	x	x		x	0	13	0	0
6	Siggins; *Cumberland, Clark*	1906	3,685	x	317,000		x	0	1,021	22	4
7			3,190	x	x		x	0	879	22	0
8			450	x	x		x	0	90	0	1
9			960	x	x		x	0	193	0	3
10	York; *Cumberland, Clark*	1907[1]	350	x	0		x	0	70	0	0
11	Casey, *Clark*	1906	1,980	x	x		x	0	535	0	0
12			205	x	x		x	0	41	0	0
13			400	x	x		x	0	82	0	0
14			1,540	x	x		x	0	322	0	0
15	Martinsville, *Clark*	1907	865	x	x		x	0	219	0	0
16			35	x	x		x	0	7	0	0
17			310	x	x		x	0	64	0	0
18			710	x	x		x	0	23	0	0
19			600	x	x		x	0	35	0	0
20			640	x	x		x	0	40	0	0
21			10	x	x		x	0	2	0	0
22	Johnson North, *Clark*	1907	1,440	x	x		x	0	487	2	1
23			1,115	x	x		x	0	296	0	0
24			160	x	x		x	0	32	0	0
25			825	x	x		x	0	178	1	1
26			215	x	x		x	0	44	0	0
27			10	x	x		x	x	1	1	0
28	Johnson South, *Clark*	1907	1,800	x	x		x	0	544	0	7
29			190	x	x		x	0	38	0	0
30			295	x	x		x	x	59	0	0
31			1,710	x	x		x	x	411	0	0
32			850	x	x		x	x	170	0	7
33	Bellair, *Crawford, Jasper*	1907	1,305	x	x		x	x	486	0	8
34			1,165	x	x		x	x	310	0	2
35			315	x	x		x	x	65	0	5
36			910	x	x		x	x	182	0	1
37	Clark County Division[4]		20,500	55,427,000	734,000		x	x	4,993	24	33
38	Main,[5] *Crawford*	1906	35,650	x	x		x	x	7,328	3	129
39			340	x	x		x	x	70	1	0
40			34,305	x	x		x	x	7,144	1	124
41			1,000	x	x		x	x	108	0	5
42			30	x	x		x	x	2	1	0
43	New Hebron, *Crawford*	1909	1,560	x	x		x	x	297	0	0
44	Chapman, *Crawford*	1914	1,560	x	x		x	x	193	0	0
45	Parker, *Crawford*	1907	1,340	x	x		x	x	256	0	0
46	Allison-Weger, *Crawford*	x	1,100	x	x		x	x	149	0	0
47	Flat Rock,[6] *Crawford*	x	1,920	x	x		x	x	290	0	0
48	Birds, *Crawford, Lawrence*	x	4,485	x	x		x	x	685	0	0
49	Crawford County Division[7]		47,615	153,844,000	1,327,000		x	x	9,198	3	129
50	Lawrence, *Lawrence, Crawford*	1906	26,100	x	x		x	x	4,462	22	210
51			80	x	x		x	x	9	2	5
52			5,050	x	x		x	x	1,233	0	20
53			2,240	x	x		x	x	481	0	21
54			1,440	x	x		x	x	243	0	0
55			10	x	x		x	x	1	1	0
56			16,180	x	x		x	x	3,017	0	41

[a] Footnotes to column heads and explanation of symbols are given on page 49.

[1] Abandoned 1945.

[4] Total of lines 2, 6, 10, 11, 15, 22, 28, 33.

[5] Includes Kibbie, Oblong, Robinson and Hardinsville.

[6] Includes Swearingen gas.

[7] Total of lines 38, 43, 44, 45, 46, 47, 48.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]		Gas													
	Flowing	Artificial Lift		Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
1	0	0	0	x	x	W	x	x	Unnamed; Pen	S	P	159	x	ML	"Trenton"	2,212
2	0	277	0											D	"St. Peter"	3,009
3	0	x	0	x	x		30.0	x	Shallow Gas; Pen	S	P	281	40	D		
4	0	x	0	x	x		33.5	x	Westfield; MisL	L	Cav	334	x	DC		
5	0	x	0	x	x		38.2	0.18	"Trenton"; Ord	L	Cav	2,265	x	D		
6	0	845	0	x	x	W								D	Dev	2,010
7	0	x	0	x	x	W	34.0	x	First Siggins; Pen	S	P	367	x	D		
8	0	x	0	x	x		(33.6)	x	2nd and 3rd Siggins; Pen	S	P	478	x	D		
9	0	x	0	x	x		(25.7)	x	Lower Siggins; Pen	S	P	556	40	D		
10	0	0	0	x	x		(30.3)	x	York; Pen	S	P	588	x	AM	Pen	960
11	0	485	0											AM	MisL	808
12	0	x	0	x	x		(31.9)	x	Upper Gas; Pen	S	P	263	x	AM		
13	0	x	0	x	x		(30.1)	x	Lower Gas; Pen	S	P	309	x	AM		
14	0	x	0	x	x		(33.6)	x	Casey; Pen	S	P	444	40	AM		
15	0	113	0											D	St. Peter	3,411
16	0	x	0	x	x		x	x	Shallow; Pen	S	P	255	x	D		
17	0	x	0	x	x		x	x	Casey; Pen	S	P	500	x	D		
18	0	x	0	x	x		x	x	Martinsville; MisL	L	P	477	x	D		
19	0	x	0	x	x		(38.9)	x	Carper; MisL	S	P	1,340	x	D		
20	0	x	0	x	x		x	x	"Niagaran"; Dev	L	Cav	1,550	x	D		
21	0	x	0	x	x		(39.6)	x	"Trenton"; Ord	L	Cav	2,700	x	D		
22	0	433	0			G								AM	MisL	1,584
23	0	x	0	x	x		x	x	Claypool; Pen	S	P	416	x	AM		
24	0	x	0	x	x		x	x	Shallow; Pen	S	P	314	x	AM		
25	0	x	0	x	x	G	x	x	Casey; Pen	S	P	465	x	AM		
26	0	x	0	x	x		x	x	Upper Partlow; Pen	S	P	535	x	AM		
27	0	x	0	x	x		x	x	Carper; MisL	S	P	1,326	x	AM		
28	0	426	0			G								AM	Dev	2,030
29	0	x	0	x	x		x	x	Claypool; Pen	S	P	392	x	AM		
30	0	x	0	x	x	G	x	x	Casey; Pen	S	P	453	x	AM		
31	0	x	0	x	x		x	x	Upper Partlow; Pen	S	P	489	x	AM		
32	0	x	0	x	x		28.5	x	Lower Partlow; Pen	S	P	598	x	AM		
33	0	353	0											AM	MisL	1,471
34	0	x	0	x	x		(32.4)	x	"500 ft"; Pen	S	P	561	x	AM		
35	0	x	0	x	x		x	x	"800 ft"; Pen	S	P	817	x	AM		
36	0	x	0	x	x		(37.0)	x	"900 ft"; MisU	S	P	886	x	AM		
37	0	2,932	0												St. Peter	3,411
38	0	4,113	x			G								ML	St. Peter	4,654
39	0	x	x	x	x		x	x	Shallow; Pen	S	P	508	x	ML		
40	0	x	x	x	x	G	32.8	x	Robinson; Pen	S	P	900	25	ML		
41	0	x	x	x	x		x	x	Oblong; MisL	SL	P	1,337	x	A, ML		
42	0	x	0	x	x		x	x	Devonian; Dev	L	P	2,794	11	ML		
43	0	142	0	x	x	G	30.1	x	Robinson; Pen	S	P	940	25	ML	Mis	2,056
44	0	60	0	x	x	G	x	x	Robinson; Pen	S	P	995	25	ML	Mis	2,279
45	0	199	0	x	x		29.5	x	Robinson; Pen	S	P	1,000	25	ML	Pen	1,227
46	0	54	0	x	x		22.5	x	Robinson; Pen	S	P	912	20	ML	Pen	1,041
47	0	112	x	x	x		31.8	x	Robinson; Pen	S	P	935	x	ML	Dev	3,110
48	0	338	0	x	x	G	31.8	x	Robinson; Pen	S	P	930	28	ML	MisL	1,731
49	0	5,018	x												St. Peter	4,654
50	0	2,578	x			G								A	St. Peter	5,190
51	0	x	0	x	x		x	x	Pennsylvanian; Pen	S	P	290	x	A		
52	0	x	0	x	x	G	x	x	Bridgeport; Pen	S	P	800	40	A		
53	0	x	0	x	x		x	x	Buchanan; Pen	S	P	1,250	15	A		
54	0	x	0	x	x		x	x	"Gas"; MisU	S	P	1,330	15	A		
55	0	x	0	x	x		x	x	Jackson; MisU	S	P	1,360	10	A		
56	0	x	0	600±	x		x	x	Kirkwood; MisU	S	P	1,400	30	A		

[2] Pressures in Southeastern Illinois oil fields are estimated bottom-hole pressures reported in previous Survey publications.

[3] Gravities 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 (see Illinois State Geological Survey Bulletin 54, Table 3). The values have been converted from Baumé to API gravities.

[26] Discrepancies between numbers of original completions and present producing wells in various pays are due to reworking of wells.

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
				Total Production, Bbl[c]			Millions Cu Ft[e]			1946	
			Area Proved, Acres[b]	To End of 1946	During 1946	Area Proved, Acres[d]	To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
57			4,350	x	x		x	x	711	4	116
58			10	x	x		0	0	1	1	0
59			200	x	x		0	0	10	9	0
60			7,020	x	x		x	x	964	3	7
61									2	2	0
62	St. Francisville, *Lawrence*	x	420	x	x		x	x	55	0	0
63	Lawrence County Division[9]		26,520	237,105,000	1,865,000		x	x	4,517	22	210
64	Allendale, *Wabash, Lawrence*	1912	2,700	8,475,000	679,000		x	x	577	20	15
65			x	x	x		x	x	1	1	0
66			x	x	x		x	x	x	x	0
67			x	x	x		x	x	x	x	0
68			x	x	x		x	x	480	4	7
69			x	x	x		x	x	3	3	0
70			x	x	x		x	x	11	5	4
71			x	x	x		x	x	6	0	0
72			x	x	x		x	x	22	5	2
73			x	x	x		x	x	38	1	1
74			x	x	x		x	x	x	0	0
75			x	x	x		x	x	x	x	1
76									x	1	0
77	Total Southeastern Fields[10]		97,435	454,881,000	4,605,000		x	x	19,307	69	387
78	Ayers Gas, *Bond*	1922	0	0	0	325	267.5	16.0	21	0	0
79	Greenville Gas, *Bond*	1910[11]	0	0	0	160	990.0	0	4	0	0
80	Bartelso, *Clinton*	1936	580	1,698,000	102,000		0	0	73	0	2
81			350	1,008,000	42,000		0	0	48	0	1
82			230	690,000	60,000		0	0	25	0	1
83	Carlyle, *Clinton*	1911	915	3,576,000	34,000		0	0	165	0	0
84	Frogtown, *Clinton*	1918[12]	300	x	0		0	0	12	0	0
85	Ava-Campbell Hill, *Jackson*	1917[13]	440	x	0		x	0	35	0	0
86	Colmar-Plymouth, *McDonough, Hancock*	1914	2,470	3,314,000	108,000		0	0	490	0	0
87	Carlinville, *Macoupin*	1909[14]	80	x	1,000		0	0	8	0	0
88	Gillespie-Benld Gas, *Macoupin*	1923[15]		0	0	80	135.8	0	4	0	0
89	Gillespie-Wyen, *Macoupin*	1915	45	x	1,500		0	0	23	0	0
90	Spanish Needle Creek Gas, *Macoupin*	1915[16]		0	0	80	14.4	0	7	0	0
91	Staunton, Gas, *Macoupin*	1916[17]		0	0	400	1,050.0	0	18	0	0
92	Collinsville, *Madison*	1909[18]	40	850	0		0	0	6	0	0
93	Brown, Langewisch-Kuester, Junction City, *Marion*	1910	175	x	x		0	0	14	0	0
94			60	x	x		0	0	7	0	0
95			115	x	x		0	0	7	0	0
96	Sandoval, *Marion*	1909	780	5,325,000	89,000		0	0	151	0	2
97			770	2,705,000	2,000		0	0	123	0	2
98			390	2,620,000	87,000		0	0	28	0	0
99	Wamac, *Marion, Clinton, Washington*	1921	250	505,000	13,000		0	0	106	0	0
100	Litchfield, *Montgomery*	1879[19]	100	23,500	500		0	0	18	0	0
101	Waterloo, *Monroe*	1920[20]	230	232,000	4,000		0	0	41	0	0
102	Jacksonville Gas, *Morgan*	1910[21]	1,320	2,000	0		x	0	53	0	0
103	Pittsfield Gas, *Pike*	1886[22]		0	0	8,960	x	0	68	0	0
104	Sparta, *Randolph*	1888[23]	165	x	0		x	0	20	0	0

[9] Total of lines 50 and 62.
[10] Total of lines 1, 37, 49, 63, 64.
[11] Abandoned 1923.
[12] Abandoned 1933.
[13] Abandoned 1934.
[14] Abandoned 1925, revived 1942.
[15] Abandoned 1935.
[16] Abandoned 1934.
[17] Abandoned 1919.
[18] Abandoned 1921.
[19] Abandoned 1904, revived 1942.
[20] Abandoned 1930, revived 1939.
[21] Abandoned 1937.
[22] Gas not used until 1905, abandoned 1930.
[23] Abandoned 1900.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[1]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Lift	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
57	0	x	0	650±	x		x	x	Tracey; MisU	S	P	1,650	20	A		
58	0	x	0	x	x		x	x	Aux Vases; MisU	S	P	1,810	10	M		
59	0	x	0	x	x		x	x	Rosiclare; MisL	SL	P	1,850	x	MC		
60	0	x	0	x	x	G	x	x	McClosky; MisL	L	P	1,860	10	A		
61	0	x	0						[8]							
62	0	30	0	600	x		32.3	x	Bethel; MisU	S	P	1,843	22	ML	Mis	1,900
63	0	2,608	0												St. Peter	5,190
64	0	320	0			P									MisL	2,367
65	0	x	0	x	x		x	x	Pennsylvanian; Pen	S	P	400	x	AM		
66	0	x	0	x	x		x	x	Bridgeport; Pen	S	P	1,069	12	AM		
67	0	x	0	x	x		x	x	Buchanan; Pen	S	P	1,290	15	AM		
68	0	155	0	x	x	P	35 1	x	Biehl; Pen	S	P	1,425	20	AM		
69	0	3	0	x	x		x	x	Jordan; Pen	S	P	1,490	10	AM		
70	0	4	0	x	x		x	x	Waltersburg; MisU	S	P	1,540	15	AL		
71	0	6	0	x	x		x	x	Tar Springs; MisU	S	P	1,600	20	AM		
72	0	19	0	x	x		x	x	Cypress; MisU	S	P	1,920	10	AM		
73	0	33	0	x	x		x	x	Bethel; MisU	S	P	2,010	10	AM		
74	0	x	0	x	x		x	x	Rosiclare; MisL	SL	P	2,230	5	AM		
75	0	x	0	900	x		x	x	McClosky; MisL	L	P	2,280	8	AM		
76	0	x	0						[8]							
77	0	10,878	x													
78	0	0	9	335	x				Bethel; MisU	S	P	940	5	A	"Trenton"	3,044
79	0	0	0	x	x				Lindley (1st, 2nd); MisU	S	P	927	x	A	Dev	3,290
80	0	55	0											D	St. Peter	4,212
81	0	35	0	x	x		36.2	0.20	Carlyle; MisU	S	P	984	24	D		
82	0	20	0	x	x		41.5	0.27	Devonian; Dev	L	Cav	2,420	12	D		
83	0	26	0	x	x		35.2	0.26	Carlyle; MisU	S	P	1,035	20	A	St. Peter	4,120
84	0	0	0	x	x		31.9	x	Carlyle; MisU	S	P	950	7	A	Cypress	962
85	0	0	0	x	x		x	x	Cypress; MisU	S	P	780	18	A	Dev	2,530
86	0	230	0	x	x	G	37.6	0.38	Hoing; Dev	S	P	450	21	AL	"Trenton"	805
87	0	3	0	135	x		27.7	x	Unnamed; Pen	S	P	380	x	A	Pen	410
88	0	0	0	155	x				Unnamed; Pen	S	P	542	x	A	Pen	575
89	0	5	0	x	x		30.2	x	Unnamed; Pen	S	P	650	x	T	"Trenton"	2,560
90	0	0	0	x	x				Unnamed; Pen	S	P	305	x	D	Pen	495
91	0	0	0	145	x				Unnamed; Pen	S	P	461	x	A	"Trenton"	2,371
92	0	0	0	x	x		x	x	Dev-Sil	L	Cav	1,305	20	ML	St. Peter	2,177
93																
	0	7	0												Dev	3,344
94	0	x	0	x	x		32.0	x	Dykstra, Wilson; Pen	S	P	610	20	D		
95	0	x	0	x	x		32.0	x	Cypress; MisU	S	P	1,658	15	D		
96	0	17	0											D	St. Peter	5,023
97	0	7	0	x	x		34.5	x	Bethel; MisU	S	P	1,540	20	D		
98	0	10	0	x	x		38.0	0.38	Devonian; Dev	L	Cav	2,924	9	D		
99	0	18	0	x	x		30.2	x	Petro; Pen	S	P	720	20	D	MisL	1,760
100	0	2	0	x	x		23.0	0.42	Unnamed; Pen	S	P	664	x	D	Pen	681
101	0	5	0	x	x		30.2	0.97	"Trenton"; Ord	L	Cav	410	50	A	"Trenton"	845
102	0	0	0	x	x		x	x	Gas; Pen; MisL	S,SL	P	330	5	ML	"Trenton"	1,390
103	0	0	0	x	x				"Niagaran"; Sil	L	P	265	10	A	St. Peter	893
104	0	0	0	x	x		x	x	Cypress; MisU	S	P	850	7	D	MisU	985

[g] Wells producing from more than one sand, see Table 7.

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]		Completed to End of 1946	1946	
				To End of 1946	During 1946		To End of 1946	During 1946		Completed	Abandoned
105	Dupo, *St. Clair*	1928	700	2,116,000	127,000		z	0	301	2	0
106	Total of fields discovered prior to Jan. 1, 1937[24]		106,025	470,818,000	5,187,000	10,005	2,457.7	16.0	20,945	71	391
107	Aden Consolidated, *Wayne, Hamilton*	1938	1,960	5,118,000	305,000		0	0	91	0	1
108			z	z	z		0	0	5	0	0
109			z	z	z		0	0	0	0	0
110			z	z	z		0	0			
111			z	z	z		0	0	75	0	1
112									11	0	0
113	Aden South, *Hamilton*	1945	20	7,000	5,000		0	0	2	1	0
114			10	z	z		0	0			
115			10	z	z		0	0			
116			10	4,000	2,000		0	0	1	0	0
117									1	1	0
118	Akin, *Franklin*	1942	200	287,000	34,000		0	0	7	0	1
119			z	z	z		0	0	3	0	1
120			z	z	z		0	0	3	0	0
121			z	z	z		0	0			
122									1	0	0
123	Albion Consolidated, *Edwards*	1940	2,600	5,693,000	881,000		0	0	213	8	5
124			z	z	z		0	0	3	2	0
125			z	z	z		0	0	15	0	0
126			z	z	z		0	0	44	4	1
127			z	z	z		0	0			
128			z	z	z		0	0	25	1	2
129			z	z	z		0	0			
130			z	z	z		0	0	3	0	0
131			z	z	z		0	0	3	0	0
132			z	z	z		0	0	1	0	0
133			z	z	z		0	0	20	0	0
134			z	z	z		0	0	2	0	0
135			z	z	z		0	0	2	0	0
136			z	z	z		0	0	68	1	2
137									27	0	0
138	Albion East, *Edwards*	1943	300	376,000	78,000		0	0	13	0	0
139			z	z	z		0	0	5	0	0
140			z	z	z		0	0			
141			z	z	z		0	0			
142			z	z	z		0	0	3	0	0
143			z	z	z		0	0	2	0	0
144			z	z	z		0	0	1	0	0
145									2	0	0
146	Alma, *Marion*	1941	60	58,000	4,000		0	0	4	0	0
147			z	z	z		0	0	2	0	0
148			z	z	z		0	0	2	0	0
149	Amity, *Richland*	1942	20	9,000	2,000		0	0	1	0	0
150	Barnhill, *Wayne*	1939	1,000	1,952,000	85,000		0	0	71	2	3
151			z	z	z		0	0	1	1	0
152			z	z	z		0	0	0	0	0
153			z	z	z		0	0	67	0	3
154			z	z	z		0	0	0	0	0
155									3	1	0
156	Bartelso South, *Clinton*	1942	80	15,000	2,000		0	0	2	0	0
157	Bartelso West, *Clinton*	1945	70	1,000	1,000		0	0	4	3	0
158	Beaver Creek, *Bond*	1942	140	57,000	14,000		0	0	9	0	1
159	Beaver Creek South, *Clinton*	1946	10	500	500		0	0	1	1	0
160	Belle Prairie, *Hamilton*	1940	160	244,000	43,000		0	0	5	0	0
161	Belle Rive, *Jefferson*	1943	100	188,000	31,000		0	0	5	0	0
162	Beman, *Lawrence*	1942	20	5,000	1,000		0	0	1	0	0
163	Bend, *White*	1941	10	20,000	1,000		0	0	1	0	0
164	Bennington, *Edwards, Wayne*	1943	720	991,000	218,000		0	0	38	0	0
165			z	z	z		0	0	3	0	0
166			z	z	z		0	0			

[24] Total of lines 77 to 105 inclusive. Cumulative oil production total based on U.S. Bureau of Mines Monthly report.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Lift	Gas	Initial	Avg/End 1946		Gravity API at 60°F[a]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
105	0	90	0	x	x		32.7	0.70	"Trenton"; Ord	L	Cav	561	50	A	New Richmond	1,800
106	0	11,336	9													
107	0	85	0												Dev	5,395
108	0	22	0	x	x		x	x	Aux Vases; MisU	S	P	3,175	15	AL		
109	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,265	6	AC		
110				x	x		x	x	Rosiclare; MisL[25]	OL	P	3,300	8	AC		
111	0	45	0	x	x		40.0	x	McClosky; MisL s	OL	P	3,350	8	A		
112	0	17	0													
113	0	2	0												MisL	3,430
114				x	x		x	x	Aux Vases; MisU[25]	S	P	3,250	9	AL		
115				x	x		x	x	Rosiclare; MisL[25]	L	P	3,335	7	AC		
116	0	1	0	x	x		x	x	McClosky; MisL s	L	P	3,385	15	ML		
117	0	1	0													
118	0	6	0												MisL	3,515
119	0	2	0	x	x		33.4	0.14	Cypress; MisU	S	P	2,840	10	ML		
120	0	4	0	x	x		37.8	0.12	Aux Vases; MisU	S	P	3,120	15	AL		
121				x	x		x	x	McClosky; MisL[25] s	L	P	3,226	9	ML		
122	0	0	0													
123	0	207	0			W									Dev	5,185
124	0	3	0	x	x		29.6	x	Mansfield; Pen	S	P	1,650	13	MF		
125	0	15	0	550	x	W	34.0	x	Bridgeport; Pen	S	P	1,860	20	MF		
126	0	40	0	600	x		32.5	0.20	Biehl; Pen	S	P	1,995	15	MF		
127				600	x		x	x	Degonia; MisU[25]	S	P	2,125	8	MF		
128	0	22	0	400	x		34.0	x	Waltersburg; MisU	S	P	2,365	15	AL		
129				700	x		x	x	Tar Springs; MisU[25]	S	P	2,450	10	AL		
130	0	3	0	x	x		x	x	Hardinsburg; MisU	S	P	2,636	5	A		
131	0	8	0	900	x		38.0	x	Bethel; MisU	S	P	2,960	15	Af		
132	0	1	0	900	x		x	x	Renault; MisU	S	P	3,002	10	Af		
133	0	20	0	950	x		39.0	x	Aux Vases; MisU	S	P	3,045	20	Af		
134	0	3	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,110	10	A		
135	0	1	0	x	x		x	x	Rosiclare; MisL	L	P	3,160	10	A		
136	0	54	0	900	x		40.0	0.18	McClosky; MisL s	L	P	3,140	10	AC		
137	0	37	0													
138	0	13	0												MisL	3,244
139	0	4	0	x	x		x	x	Cypress; MisU	S	P	2,790	15	A		
140				x	x		x	x	Paint Creek; MisU[25]	S	P	2,910	10	A		
141				x	x		x	x	Bethel; MisU[25]	S	P	2,955	25	A		
142	0	3	0	x	x		39.4	0.14	Aux Vases; MisU	S	P	3,000	15	A		
143	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,100	6	A		
144	0	2	0	x	x		x	x	McClosky; MisL s	L	P	3,140	8	A		
145	0	3	0													
146	0	2	0												Dev	3,692
147	0	1	0	x	x		x	x	Bethel; MisU	S	P	1,931	8	A		
148	0	1	0	x	x		36.2	0.26	Rosiclare; MisL	S	P	2,084	10	A		
149	0	1	0	x	x		x	x	McClosky; MisL	OL	P	2,960	10	MC	MisL	3,090
150	0	33	0												MisL	3,855
151	0	3	0	x	x		x	x	Aux Vases; MisU	S	P	3,225	15	AL		
152	0	0	0	x	x		x	x	Rosiclare; MisL	OL	P	3,350	9	AC		
153	0	29	0	x	x		37.6	0.17	McClosky; MisL	OL	P	3,400	12	A		
154	0	0	0	x	x		x	x	Salem; MisL s	L	P	3,795	8	AC		
155	0	1	0													
156	0	2	0	x	x		40.0	0.15	Devonian; Dev	L	Cav	2,465	8	A	Dev	2,652
157	0	4	0	x	x		x	x	Cypress; MisU	S	P	926	6	A	MisU	976
158	0	8	0	x	x		34 2	0.25	Bethel; MisU	S	P	1,180	8	A	Dev	2,526
159	0	1	0	x	x		x	x	Bethel; MisU	S	P	1,130	8	x	MisL	1,395
160	0	5	0	x	x		37.0	0.12	McClosky; MisL	L	P	3,440	7	x	MisL	3,580
161	0	5	0	x	x		39.4	0.5	McClosky; MisL	L	P	3,085	7	AC	MisL	3,240
162	0	1	0	x	x		x	x	McClosky; MisL	L	P	1,841	2	MC	MisL	1,845
163	0	1	0	x	x		x	x	Tar Springs; MisU	S	P	2,357	8	x	MisL	3,109
164	0	38	0												MisL	3,350
165	0	0	0	x	x		42.3	0.10	Aux Vases; MisU	S	P	3,150	20	ML		
166				x	x		x	x	Lower O'Hara; MisL[25]	L	P	3,240	10	MC		

[25] Producing in combination wells only.

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
167			x	x	x		0	0	34	0	0
168									1	0	0
169	Bennington South, *Edwards*	1944[27]	20	10,000	0		0	0	1	0	1
170	Benton, *Franklin*	1941	2,400	18,329,000	913,000		0	0	243	0	0
171			x	x	x		0	0	0	0	0
172			x	x	x		0	0	0	0	0
173			x	x	x		0	0	243	0	0
174	Benton North, *Franklin*	1941	220	374,000	52,000		0	0	16	0	0
175			x	x	x		0	0	1	0	0
176			x	x	x		0	0	5	0	0
177			x	x	x		0	0	1	0	0
178			x	x	x		0	0	2	0	0
179			x	x	x		0	0	2	0	0
180			x	x	x		0	0	2	0	0
181			x	x	x		0	0	0	0	0
182									3	0	0
183	Bessie, *Franklin*	1943	40	26,000	5,000		0	0	1	0	0
184	Bible Grove, *Clay, Effingham*	1942	3,500	5,348,000	1,502,000		0	0	190	16	1
185			x	x	x		0	0	145	15	1
186			x	x	x		0	0	5	0	0
187			x	x	x		0	0	31	1	0
188									9	0	0
189	Bible Grove East, *Clay*	1944	50	86,000	20,000		0	0	5	0	1
190	Bible Grove Soutb, *Clay*	1942	20	43,000	8,000		0	0	1	0	0
191	Blairsville, *Hamilton*	1942	560	1,392,000	146,000		0	0	29	0	0
192			x	x	x		0	0	20	0	0
193			x	x	x		0	0	1	0	0
194			x	x	x		0	0	0	0	0
195			x	x	x		0	0	5	0	0
196									3	0	0
197	Bogota, *Jasper*	1943	200	330,000	46,000		0	0	7	0	0
198	Bogota Soutb, *Jasper*	1944	20	11,000	2,000		0	0	1	0	0
199	Bone Gap, *Edwards*	1941	490	738,000	72,000		0	0	19	0	3
200	Bonpas, *Richland*	1941	40	99,000	12,000		0	0	2	0	0
201	Boos East, *Jasper*	1946	40	15,000	15,000		0	0	2	2	0
202			x	x	x		0	0			
203			x	x	x		0	0			
204									2	2	0
205	Boos North, *Jasper*	1940	1,610	3,163,000	437,000		0	0	91	11	13
206			x	x	x		0	0	9	5	1
207			x	x	x		0	0	80	5	12
208									2	1	0
209	Boulder, *Clinton*	1941	560	2,526,000	484,000		x	x	36	0	0
210			x	x	x		0	0	25	0	0
211			x	x	x		x	x	11	0	0
212	Boyd, *Jeffersan*	1944	1,220	2,979,000	1,460,000		0	0	110	18	2
213			x	x	x		0	0	68	14	0
214			x	x	x		0	0	5	2	2
215			x	x	x		0	0			
216									37	2	0
217	Boyleston Consolidated, *Wayne*	1938	4,400	7,651,000	471,000		0	0	183	2	6
218			x	x	x		0	0	2	0	0
219			x	x	x		0	0	13	2	0
220			x	x	x		0	0	2	0	0
221			x	x	x		0	0	156	0	5
222									10	0	1
223	Browns, *Edwards, Wabash*	1943	460	466,000	116,000		0	0	20	2	1
224			x	x	x		0	0	4	0	1
225			x	x	x		0	0	1	0	0
226			x	x	x		0	0	2	2	0
227			x	x	x		0	0	8	0	0
228									5	0	0
229	Browns East, *Wabash*	1946	50	8,000	8,000		0	0	5	5	0

[27] Abandoned 1946.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]		Gas													
	Flowing	Artificial Lift		Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
167	0	37	0	x	x		x	x	McClosky; MisL[8]	L	P	3,215	10	MC		
168	0	1	0													
169	0	0	0	x	x		x	x	McClosky; MisL	L	P	3,250	4	MC	MisL	3,419
170	0	235	0												MisL	3,205
171	0	0	0	x	x		x	x	Kinkaid; MisU[25]	L	P	1,700	9	A		
172	0	1	0	x	x		x	x	Degonia; MisU	S	P	1,740	10	A		
173	0	234	0	x	x		41.7	0.12	Tar Springs; MisU	S	P	2,100	34	A		
174	0	15	0												MisL	2,963
175	0	0	0	x	x		x	x	Cypress; MisU	S	P	2,440	10	A		
176	0	6	0	x	x		x	x	Paint Creek; MisU	S	P	2,595	10	A		
177	0	0	0	x	x		38.4	0.15	Bethel; MisU	S	P	2,605	10	A		
178	0	2	0	x	x		39.0	0.15	Aux Vases; MisU	S	P	2,695	10	AL		
179	0	2	0	x	x		37.4	0.7	Lower O'Hara; MisL	L	P	2,720	8	AC		
180	0	1	0	x	x		38.4	0.15	Rosiclare; MisL	S	P	2,780	7	AL		
181	0	1	0	x	x		x	x	McClosky; MisL[8]	L	P	2,785	5	AC		
182	0	3	0													
183	0	1	0	x	x		38.8	0.15	Lower O'Hara; MisL	L	P	2,894	11	x	MisL	3,460
184	0	184	0												MisL	3,010
185	0	140	0	x	x		38.0	0.13	Cypress; MisU	S	P	2,490	15	A		
186	0	5	0	x	x		x	x	Rosiclare; MisL	L	P	2,840	10	A		
187	0	30	0	x	x		36.2	x	McClosky; MisL[8]	OL	P	2,810	6	A		
188	0	9	0													
189	0	4	0	x	x		x	x	Cypress; MisU	S	P	2,510	10	A	MisL	2,993
190	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,750	10	ML	MisL	2,946
191	0	28	0												MisL	3,530
192	0	18	0	x	x		38.1	x	Aux Vases; MisU	S	P	3,280	20	AL		
193	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,340	7	AC		
194	0	0	0	x	x		x	x	Rosiclare; MisL[25]	S	P	3,365	7	AC		
195	0	6	0	x	x		38.6	0.13	McClosky; MisL[8]	L	P	3,425	8	AC		
196	0	3	0													
197	0	7	0	x	x		x	x	McClosky; MisL	L	P	3,110	10	A	MisL	3,234
198	0	1	0	x	x		x	x	McClosky; MisL	L	P	3,054	4	ML	MisL	3,185
199	0	13	0	x	x		40.5	0.33	McClosky; MisL	L	P	3,250	10	A	MisL	3,350
200	0	2	0	x	x		37.4	0.34	McClosky; MisL	OL	P	3,120	4	MC	MisL	3,212
201	0	2	0												MisL	2,750
202				x	x		x	x	Rosiclare; MisL[25]	S	P	2,660	5	MC		
203				x	x		x	x	McClosky; MisL[25][8]	L	P	2,675	4	MC		
204	0	2	0													
205	0	68	0			W									MisL	2,950
206	0	9	0	x	x		x	x	Rosiclare; MisL	S	P	2,765	10	AC		
207	0	55	0	x	x	W	38.6	0.20	McClosky; MisL[8]	L	P	2,800	9	A		
208	0	4	0													
209	0	31	x												Dev	2,672
210	0	24	0	x	x		36.0	x	Bethel; MisU	S	P	1,190	20	A		
211	0	7	x	x	x		28.2	0.33	Devonian; Dev	L	Cav	2,630	4	A		
212	0	107	0			W									Dev	3,870
213	0	64	0	550±	x		x	x	Bethel; MisU	S	P	2,050	15	A		
214	0	2	0	615±	x		x	x	Aux Vases; MisU	S	P	2,130	20	A		
215				x	x		x	x	Lower O'Hara; MisL[25][8]	L	P	2,235	10	A		
216	0	41	0													
217	0	142	0												MisL	3,495
218	0	4	0	x	x		39.6	x	Aux Vases; MisU	S	P	3,095	7	AL		
219	0	10	0	x	x		38.2	x	Lower O'Hara; MisL	OL	P	3,180	4	AC		
220	0	1	0	x	x		40.2	0.14	Rosiclare; MisL	OL	P	3,215	6	AC		
221	0	118	0	x	x		40.2	0.14	McClosky; MisL[8]	OL	P	3,240	7	AC		
222	0	9	0													
223	0	16	0												MisL	3,187
224	0	4	0	x	x		36.0	0.18	Cypress; MisU	S	P	2,650	30	AL		
225	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,778	12	A		
226	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	2,965	4	A		
227	0	5	0	x	x		x	x	McClosky; MisL[8]	L	P	3,007	9	A		
228	0	5	0													
229	0	5	0	x	x		x	x	Cypress; MisU	S	P	2,596	5	L	MisL	3,050

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
				Total Production, Bbl[c]			Millions Cu Ft[e]			1946	
			Area Proved, Acres[b]	To End of 1946	During 1946	Area Proved, Acres[d]	To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
230	Browns South, *Edwards*	1943	30	12,000	2,000		0	0	3	0	0
231	Bungay Consolidated, *Hamilton*	1941	960	1,936,000	545,000		0	0	73	29	1
232			x	x	x		0	0	70	27	1
233			x	x	x		0	0	2	1	0
234									1	1	0
235	Burnt Prairie, *White*	1940	560	942,000	132,000		0	0	39	0	2
236			x	x	x		0	0	10	0	1
237			x	x	x		0	0	0	0	0
238			x	x	x		0	0	2	0	0
239			x	x	x		0	0	27	0	1
240									0	0	0
241	Calhoun Consolidated, *Richland, Wayne*	1944	1,400	1,548,000	992,000		0	0	80	50	1
242			x	x	x		0	0	24	5	0
243			x	x	x		0	0	44	36	1
244									12	9	0
245	Calhoun North, *Richland*	1944	40	21,000	7,000		0	0	2	0	1
246			x	x	x		0	0			
247			x	x	x		0	0	1	0	1
248									1	0	0
249	Calvin North, *White*	1943	680	959,000	218,000		0	0	56	1	0
250			x	x	x		0	0	5	0	0
251			x	x	x		0	0	28	0	0
252			x	x	x		0	0	0	0	0
253			x	x	x		0	0	1	0	0
254			x	x	x		0	0	9	0	0
255			x	x	x		0	0	1	0	0
256			x	x	x		0	0	4	0	0
257			x	x	x		0	0	5	0	0
258			x	x	x		0	0			
259			x	x	x		0	0	2	1	0
260									1	0	0
261	Carlinville North, *Macoupin*	1941	80	800	100		0	0	5	0	0
262	Carmi, *White*	1940	30	6,000	100		0	0	2	0	0
263			x	x	x		0	0	1	0	0
264			x	x	x		0	0	1	0	0
265	Carmi North, *White*	1942	30	99,000	15,000		0	0	3	0	0
266			x	x	x		0	0			
267			x	x	x		0	0	3	0	0
268									0	0	0
269	Centerville, *White*	1940	80	268,000	25,000		0	0	5	0	0
270	Centerville East, *White*	1941	700	1,610,000	149,000		0	0	45	1	0
271			x	x	x		0	0	24	0	0
272			x	x	x		0	0	4	1	0
273			x	x	x		0	0	1	0	0
274			x	x	x		0	0	5	0	0
275			x	x	x		0	0	0	0	0
276			x	x	x		0	0	10	0	0
277									1	0	0
278	Centralia, *Clinton, Marion*	1937	2,850	29,502,000	1,868,000		0	0	927	16	20
279			x	x	x		0	0	41	15	5
280			x	x	x		0	0	565	1	7
281			x	x	x		0	0	0	0	0
282			x	17,611,000	978,000		0	0	319	0	8
283			x	33,000	0		0	0	2	0	0
284									0	0	0
285	Centralia West, *Clinton*	1940	90	285,000	31,000		0	0	9	0	0
286	Cisne, *Wayne*	1937	1,130	3,289,000	259,000		0	0	60	7	1
287			x	x	x		0	0	1	0	0
288			x	x	x		0	0	2	1	0
289			x	x	x		0	0	55	5	1
290									2	1	0
291	Cisne North, *Wayne*	1942	80	13,000	2,000		0	0	2	0	0
292	Clarksburg, *Shelby*	1946	10	1,000	1,000		0	0	1	1	0
293	Clay City Consolidated, *Clay, Wayne*	1937	24,430	46,085,000	5,147,000		0	0	1,172	132	33

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Lift	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
230	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,840	15	L	MisL	3,144
231	0	71	0												MisL	3,541
232	0	70	0	x	x		36.8	0.24	Aux Vases; MisU	S	P	3,290	15	AL		
233	0	1	0	x	x		36.8	0.24	McClosky; MisL[s]	L	P	3,430	8	AC		
234	0	0	0													
235	0	31	0												MisL	3,532
236	0	7	0	x	x		x	x	Aux Vases; MisU	S	P	3,260	18	AL		
237	0	2	0	x	x		39.0	x	Lower O'Hara; MisL	OL	P	3,360	5	AC		
238	0	0	0	x	x		x	x	Rosiclare; MisL	OL	P	3,339	8	AC		
239	0	18	0	x	x		37.0	0.28	McClosky; MisL[s]	OL	P	3,400	10	AC		
240	0	4	0													
241	0	79	0												MisL	3,290
242	0	17	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,140	9	A		
243	0	50	0	x	x		x	x	McClosky; MisL[s]	OL	P	3,180	5	A		
244	0	12	0													
245	0	1	0												MisL	3,280
246				x	x		x	x	Rosiclare; MisL[25]	S	P	3,165	10	N		
247	0	0	0	x	x		x	x	McClosky; MisL[s]	OL	P	3,185	11	N		
248	0	1	0													
249	0	55	0												MisL	3,280
250	0	10	0	x	x		x	x	Buchanan; Pen	S	P	1,088	26	ALf		
251	0	20	0	x	x		30.0	0.29	Biehl; Pen	S	P	1,520	10	ALf		
252	0	1	0	x	x		x	x	Palestine; MisU	S	P	2,140	18	ALf		
253	0	1	0	x	x		x	x	Waltersburg; MisU	S	P	2,260	10	ALf		
254	0	5	0	x	x		34.0	0.30	Tar Springs; MisU	S	P	2,320	12	ALf		
255	0	1	0	x	x		x	x	Cypress; MisU	S	P	2,700	10	ALf		
256	0	2	0	x	x		38.4	0.19	Bethel; MisU	S	P	2,815	11	ALf		
257	0	5	0	x	x		x	x	Aux Vases; MisU	S	P	2,880	18	AL		
258				x	x		x	x	Rosiclare; MisL[25]	OL	P	2,975	x	AC		
259	0	2	0	x	x		x	x	McClosky; MisL[s]	OL	P	2,996	16	AC		
260	0	8	0													
261	0	2	0	x	x		20.3	0.35	Pottsville; Pen	S	P	450	10	x	Pen	562
262	0	1	0												MisL	3,282
263	0	0	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,130	8	MCf		
264	0	1	0	x	x		x	x	McClosky; MisL	OL	P	3,150	4	MCf		
265	0	3	0												MisL	3,418
266				x	x		x	x	Cypress; MisU[25]	S	P	2,935	10	Af		
267	0	2	0	x	x		37.0	0.14	Aux Vases; MisU[s]	S	P	3,230	15	Af		
268	0	1	0													
269	0	5	0	x	x		36.8	0.17	McClosky; MisL	OL	P	3,360	5	AC	MisL	3,600
270	0	41	0												MisL	3,365
271	0	25	0	x	x		37.2	0.20	Tar Springs; MisU	S	P	2,500	30	ALf		
272	0	2	0	x	x		x	x	Cypress; MisU	S	P	2,915	10	AL		
273	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,960	18	AL		
274	0	4	0	x	x		x	x	Aux Vases; MisU	S	P	3,080	11	AL		
275	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,175	4	AC		
276	0	6	0	x	x		40.0	x	McClosky; MisL[s]	OL	P	3,250	5	AC		
277	0	2	0													
278	0	496	0												"Trenton"	4,170
279	0	30	0	x	x		36.4	0.20	Cypress; MisU	S	P	1,200	15	A		
280	0	168	0	x	x		37.7	0.17	Bethel; MisU	S	P	1,355	20	A		
281	0	2	0	x	x		x	x	McClosky; MisL	OL	P	1,580	x	A		
282	0	267	0	x	x		37.4	0.38	Devonian; Dev	L	Cav	2,870	12	A		
283	0	0	0	x	x		43.2	0.28	"Trenton"; Ord[s]	L	Cav	4,020	7	A		
284	0	29	0													
285	0	8	0	x	x		37.8	0.17	Bethel; MisU	S	P	1,420	8	N	MisU	1,531
286	0	40	0			W									St. Peter	7,205
287	0	5	0	x	x		38.5	x	Aux Vases; MisU	S	P	3,002	8	AL		
288	0	3	0	x	x	W	x	x	Rosiclare; MisL	SL	P	3,086	9	AC		
289	0	17	0	x	x	W	35.8	0.24	McClosky; MisL[s]	OL	P	3,117	11	A		
290	0	15	0													
291	0	1	0	x	x		39.0	x	McClosky; MisL	OL	P	3,170	10	ML	MisL	3,245
292	0	1	0	x	x		x	x	Bethel; MisU	S	P	1,775	7	A	MisL	2,012
293	0	1,071	0			W									Dev	4,840

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]		Completed to End of 1946	1946	
				To End of 1946	During 1946		To End of 1946	During 1946		Completed	Abandoned
294			x	x	x		0	0	42	6	1
295			x	x	x		0	0	198	22	1
296			x	x	x		0	0	20	17	0
297			x	x	x		0	0	61	33	2
298			x	x	x		0	0	798	27	29
299									53	27	0
300	Clay City West, *Clay*	1941	360	1,099,000	34,000		0	0	17	0	0
301			x	x	x		0	0	1	0	0
302			x	x	x		0	0	16	0	0
303	Coil, *Wayne*	1942	380	981,000	85,000		0	0	17	0	0
304			x	x	x		0	0	16	0	0
305			x	x	x		0	0	1	0	0
306	Coil West, *Jefferson*	1942	300	317,000	74,000		0	0	14	1	1
307			x	x	x		0	0	4	1	0
308			x	x	x		0	0	1	0	0
309			x	x	x		0	0	5	0	1
310			x	x	x		0	0	0	0	0
311									4	0	0
312	Concord, *White*	1942	970	1,780,000	609,000		0	0	76	14	0
313			x	x	x		0	0	15	0	0
314			x	x	x		0	0	9	0	0
315			x	x	x		0	0	13	5	0
316			x	x	x		0	0	1	0	0
317			x	x	x		0	0	35	8	0
318							0	0	3	1	0
319	Concord East, *White*	1942	40	9,000	1,000		0	0	1	0	0
320	Concord North, *White*	1946	40	31,000	31,000		0	0	4	4	0
321	Concord South, *White*	1944	30	11,000	3,000		0	0	3	1	0
322	Cooks Mills, *Coles*	1941	20	6,000	400		0	0	2	0	0
323	Cooks Mills North, *Coles*	1946	20	200	200		0	0	1	1	0
324	Cordes, *Washington*	1939	1,440	3,440,000	270,000		0	0	142	0	1
325	Covington East, *Wayne*	1946	100	11,000	11,000		0	0	8	8	0
326			x	x	x		0	0	6	6	0
327			x	x	x		0	0			
328			x	x	x		0	0	1	1	0
329									1	1	0
330	Covington South, *Wayne*	1943	320	120,000	14,000		0	0	8	0	0
331	Cowling, *Edwards, Wabash*	1939	360	575,000	118,000		0	0	31	3	0
332			x	x	x		0	0	0	0	0
333			x	x	x		0	0	4	0	0
334			x	x	x		0	0	17	0	0
335			x	x	x		0	0	0	0	0
336			x	x	x		0	0	1	0	0
337			x	x	x		0	0	6	0	0
338			x	x	x		0	0	2	2	0
339									1	1	0
340	Cravat, *Jefferson*	1939	110	254,000	16,000		0	0	11	0	2
341	Crossville, *White*	1946	20	1,000	1,000		0	0	1	1	0
342	Dahlgren, *Hamilton*	1941	600	967,000	35,000		0	0	42	0	16
343	Dale-Hoodville Consolidated, *Hamilton*	1940	5,000	22,768,000	1,488,000		0	0	427	4	13
344			x	x	x		0	0	26	0	1
345			x	x	x		0	0	42	0	0
346			x	x	x		0	0	5	3	0
347			x	x	x		0	0	90	0	3
348			x	x	x		0	0	194	0	4
349			x	x	x		0	0	14	0	0
350			x	x	x		0	0			
351			x	x	x		0	0	9	1	5
352									47	0	0
353	Divide, *Jefferson*	1943	300	297,000	38,000		0	0	11	0	0
354			x	x	x		0	0	0	0	0
355			x	x	x		0	0	11	0	0
356									0	0	0
357	Divide West, *Jefferson*	1944	960	1,833,000	691,000		0	0	44	3	1

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]		Gas	Initial	Avg/End 1946		Gravity, API at 60°F	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
	Flowing	Artificial Lift														
294	0	49	0	x	x		37.9	x	Cypress; MisU	S	P	2,635	10	A		
295	0	195	0	x	x		39.2	0.11	Aux Vases; MisU	S	P	2,940	15	AL		
296	0	15	0	x	x		38.0	x	Lower O'Hara; MisL	L	P	3,017	5	AL		
297	0	52	0	x	x	W	38.0	x	Rosiclare; MisL	OL	P	3,030	8	AL		
298	0	662	0	x	x	W	39.8	0.18	McClosky; MisL	OL	P	3,050	10	AL		
299	0	98	0						[s]							
300	0	17	0												MisL	3,150
301	0	1	0	x	x		x	x	Cypress; MisU	S	P	2,700	24	A		
302	0	16	0	x	x		39.4	0.17	McClosky; MisL	OL	P	3,050	15	A		
303	0	16	0												MisL	3,185
304	0	16	0	x	x		33.8	0.13	Aux Vases; MisU	S	P	2,900	20	A		
305	0	0	0	x	x		35.0	0.17	McClosky; MisL	OL	P	2,970	3	AC		
306	0	12	0												MisL	3,022
307	0	6	0	x	x		x	x	Aux Vases; MisU	S	P	2,729	14	AL		
308	0	2	0	x	x		x	x	Lower O'Hara; MisL	L	P	2,830	6	AC		
309	0	1	0	x	x		x	x	McClosky; MisL	L	P	2,885	10	AC		
310	0	0	0	x	x		x	x	Rosiclare; MisL[25]	SL	P	2,870	6	AC		
311	0	3	0						[s]							
312	0	73	0												MisL	3,115
313	0	13	0	x	x		37.0	x	Tar Springs; MisU	S	P	2,270	20	AL		
314	0	7	0	x	x		x	x	Cypress; MisU	S	P	2,623	10	AL		
315	0	11	0	x	x		39.6	0.15	Aux Vases; MisU	S	P	2,905	15	AL		
316	0	0	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,930	8	AC		
317	0	33	0	x	x		x	x	McClosky; MisL	OL	P	2,989	10	AC		
318	0	9	0						[s]							
319	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	2,880	8	MC	MisL	2,952
320	0	4	0	x	x		x	x	Aux Vases; MisU	S	P	2,950	10	A	MisL	3,129
321	0	3	0	x	x		x	x	Tar Springs; MisU	S	P	2,300	20	MF	MisL	3,115
322	0	0	0	x	x		36.4	0.40	Aux Vases; MisU	S	P	1,825	10	A	Dev	3,226
323	0	1	0	x	x		x	x	Rosiclare; MisL	S	P	1,770	24	A	MisL	1,843
324	0	130	0	x	x		37.4	0.19	Bethel; MisU	S	P	1,260	14	A	Dev	2,887
325	0	8	0												MisL	3,343
326	0	6	0	x	x		x	x	Aux Vases; MisU	S	P	3,144	16	ML		
327				x	x		x	x	Lower O'Hara; MisL[25]	L	P	3,200	5	MC		
328	0	1	0	x	x		x	x	McClosky; MisL	L	P	3,210	4	MC		
329	0	1	0						[s]							
330	0	7	0	x	x		39.4	0.18	McClosky; MisL	OL	P	3,310	8	AC	MisL	3,389
331	0	28	0												MisL	3,175
332	0	1	0	x	x		x	x	Palestine; MisU	S	P	2,000	x	AL		
333	0	4	0	x	x		x	x	Waltersburg; MisU	S	P	2,150	8	AL		
334	0	6	0	x	x		36.6	0.23	Cypress; MisU	S	P	2,630	15	A		
335	0	8	0	x	x		x	x	Bethel; MisU	S	P	2,770	x	AL		
336	0	0	0	x	x		x	x	Rosiclare; MisL	SL	P	2,860	4	AC		
337	0	6	0	x	x		x	x	McClosky; MisL	L	P	2,995	5	AC		
338	0	2	0	x	x		x	x	Tar Springs; MisU	S	P	2,230	13	AL		
339	0	1	0						[s]							
340	0	9	0	x	x		35.4	0.23	Bethel; MisU	S	P	2,070	10	A	MisL	2,335
341	0	1	0	x	x		x	x	McClosky; MisL	L	P	3,125	10	MC	MisL	3,162
342	0	6	0	x	x		39.2	0.16	McClosky; MisL	L	P	3,315	10	A	MisL	3,507
343	0	384	0			G									Dev	5,354
344	0	24	0	x	x		x	x	Tar Springs; MisU	S	P	2,430	25	AL		
345	0	39	0	x	x		37.6	0.25	Cypress; MisU	S	P	2,680	18	A		
346	0	11	0	x	x		x	x	Paint Creek; MisU	S	P	2,900	17	A		
347	0	57	0	x	x	G	39.0	0.19	Bethel; MisU	S	P	2,950	20	A		
348	0	191	0	x	x	G	38.0	0.15	Aux Vases; MisU	S	P	3,020	19	A		
349	0	2	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,050	6	AC		
350				x	x		38.6	x	Rosiclare; MisL[25]	SL	P	3,060	15	AC		
351	0	4	0	x	x		38.6	0.19	McClosky; MisL	L	P	3,075	5	AC		
352	0	56	0						[s]							
353	0	10	0												MisL	2,921
354	0	0	0	x	x		x	x	Lower O'Hara; MisL[25]	L	P	2,700	6	AC		
355	0	10	0	x	x		x	x	McClosky; MisL	L	P	2,750	10	AC		
356	0	0	0						[s]							
357	0	43	0												MisL	2,89

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]		1946		
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
358			x	x	x		0	0	3	0	0
359			x	x	x		0	0	1	0	0
360			x	x	x		0	0	36	3	1
361									4	0	0
362	Dix, *Jefferson, Marion*	1938	1,420	4,919,000	404,000		0	0	89	5	2
363			x	x	x		0	0	88	5	2
364			x	x	x		0	0	0	0	0
365			x	x	x		0	0	1	0	0
366	Dix South, *Jefferson*	1941[28]	20	11,000	0		0	0	1	0	1
367	Dubois, *Washington*	1939	110	148,000	13,000		0	0	10	0	1
368	Dubois West, *Washington*	1942	10	8,000	1,000		0	0	1	0	0
369	Dundas Consolidated, *Richland, Jasper*	1939	6,700	12,307,000	644,000		0	0	290	3	10
370			x	x	x		0	0	8	0	1
371			x	x	x		0	0	2	0	0
372			x	x	x		0	0	3	0	0
373			x	x	x		0	0	273	0	8
374									4	0	1
375	Dundas East, *Richland, Jasper*	1942	440	734,000	70,000		0	0	16	0	0
376			x	x	x		0	0	2	0	0
377			x	x	x		0	0	14	0	0
378	Eldorado, *Saline*	1941	40	10,000	1,000		0	0	2	0	0
379			x	x	x		0	0	0	0	0
380			x	x	x		0	0	1	0	0
381			x	x	x		0	0	1	0	0
382	Elk Prairie, *Jefferson*	1938[29]	10	700	0		0	0	1	0	0
383	Elkville, *Jackson*	1941	10	3,000	200		0	0	1	0	0
384	Ellery, *Edwards, Wayne*	1941	40	50,000	6,000		0	0	2	0	0
385			x	x	x		0	0			
386			x	x	x		0	0	2	0	0
387									0	0	0
388	Ellery North, *Edwards*	1942[30]	20	3,000	0		0	0	1	0	0
389	Ellery South, *Edwards*	1943	160	53,000	24,000		0	0	4	1	0
390	Epworth, *White*	1941	120	255,000	26,000		0	0	10	0	0
391			x	x	x		0	0	2	0	0
392			x	x	x		0	0	6	0	0
393			x	x	x		0	0	1	0	0
394			x	x	x		0	0	1	0	0
395	Epworth East, *White*	1946	20	8,000	8,000		0	0	2	2	0
396			x	x	x		0	0	1	1	0
397			x	x	x		0	0	1	1	0
398	Ewing, *Franklin*	1944	140	161,000	75,000		0	0	7	1	0
399	Exchange, *Marion*	1943	80	33,000	6,000		0	0	2	0	0
400	Fairfield, *Wayne*	1942	40	19,000	5,000		0	0	2	0	0
401	Fairman, *Marion, Clinton*	1939	460	1,184,000	68,000		0	0	25	0	0
402	Fitzgerrell, *Jefferson*	1944	10	6,000	2,000		0	0	1	0	0
403	Flora, *Clay*	1938	640	757,000	62,000		0	0	29	1	1
404			x	x	x		0	0	0	0	0
405			x	x	x		0	0	1	0	0
406			x	x	x		0	0			
407			x	x	x		0	0	27	1	1
408									1	0	0
409	Flora South, *Clay*	1946	40	39,000	39,000		0	0	2	2	0
410	Friendsville, *Wabash*	1942	160	57,000	1,000		0	0	14	1	3
411			x	x	x		0	0	7	0	0
412			x	x	x		0	0	1	1	0
413			x	x	x		0	0	4	0	2
414			x	x	x		0	0	1	0	1
415									1	0	0
416	Friendsville Central, *Wabash*	1946	10	3,000	3,000		0	0	1	1	0
417	Friendsville North, *Wabash*	1946	100	13,000	13,000		0	0	10	10	0

[28] Abandoned 1946.
[29] Abandoned 1940.
[30] Abandoned 1943.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Lift	Gas	Initial	Avg./End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
358	0	0	0	x	x		x	x	Lower O'Hara; MisL	L	P	2,690	7	AC		
359	0	0	0	x	x		x	x	Rosiclare; MisL[25]	SL	P	2,696	10	AC		
360	0	41	0	x	x		x	x	McClosky; MisL[8]	L	P	2,740	14	AC		
361	0	2	0													
362	0	83	0												Dev	3,874
363	0	82	0	x	x		38.0	0.18	Bethel; MisU	S	P	1,950	13	A		
364	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,000	30	A		
365	0	0	0	x	x		x	x	Rosiclare; MisL	S	P	2,100	8	A		
366	0	0	0	x	x		x	x	Bethel; MisU	S	P	1,931	5	A	MisL	2,265
367	0	6	0	x	x		31.5	0.26	Bethel; MisU	S	P	1,355	8	A	Dev	3,535
368	0	1	0	x	x		x	x	Bethel; MisU	S	P	1,345	6	x	MisL	1,685
369	0	252	0			W									Dev	4,585
370	0	6	0	x	x		37.0	x	Cypress; MisU	S	P	2,520	12	AL		
371	0	2	0	x	x		38.0	x	Aux Vases; MisU	S	P	2,795	9	A		
372	0	4	0	x	x	W	x	x	Rosiclare; MisL	SL	P	2,945	6	AL		
373	0	215	0	x	x	W	39.6	0.26	McClosky; MisL[8]	OL	P	2,974	7	A		
374	0	25	0													
375	0	15	0												MisL	3,105
376	0	0	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,940	10	A		
377	0	15	0	x	x		x	x	McClosky; MisL	OL	P	3,000	8	A		
378	0	1	0												MisL	3,000
379	0	0	0	x	x		x	x	Tar Springs; MisU	S	P	2,206	20	A		
380	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,813	20	A		
381	0	0	0	x	x		34.2	0.14	McClosky; MisL	L	P	2,942	8	A		
382	0	0	0	x	x		x	x	McClosky; MisL	L	P	2,730	7	x	MisL	3,000
383	0	0	0	x	x		35.8	0.22	Bethel; MisU	S	P	2,000	10	x	MisL	2,387
384	0	2	0												MisL	3,365
385				x	x		x	x	Aux Vases; MisU[25]	S	P	3,242	20	AL		
386	0	1	0	x	x		39.1	x	McClosky; MisL[8]	L	P	3,340	10	A		
387	0	1	0													
388	0	0	0	x	x		37.6	0.19	McClosky; MisL	L	P	3,350	7	MC	MisL	3,496
389	0	3	0	x	x		39.0	x	McClosky; MisL	L	P	3,320	11	MC	MisL	3,373
390	0	8	0												MisL	3,195
391	0	2	0	x	x		x	x	Degonia; MisU	S	P	2,090	6	A		
392	0	6	0	x	x		36.2	x	Clore; MisU	S	P	2,070	15	A		
393	0	0	0	x	x		x	x	Palestine; MisU	S	P	2,100	15	A		
394	0	0	0	x	x		x	x	Bethel; MisU	S	P	2,825	16	A		
395	0	2	0												MisL	3,083
396	0	1	0	x	x		x	x	Cypress; MisU	S	P	2,730	8	MF		
397	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	3,005	15	MF		
398	0	7	0	x	x		x	x	McClosky; MisL	L	P	3,000	8	A	MisL	3,094
399	0	2	0	x	x		x	x	McClosky; MisL	L	P	2,735	8	MC	MisL	2,868
400	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	3,235	14	AL	MisL	3,410
401	0	16	0	x	x		35.2	0.27	Bethel; MisU	S	P	1,440	9	A	"Trenton"	4,100
402	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,760	14	x	MisL	3,012
403	0	25	0												MisL	3,100
404	0	1	0	x	x		x	x	Cypress; MisU	S	P	2,595	x	A		
405	0	1	0	x	x		37.4	x	Bethel; MisU	S	P	2,790	20	A		
406				x	x		x	x	Aux Vases; MisU[25]	S	P	2,875	28	A		
407	0	20	0	x	x		37.2	0.24	McClosky; MisL[8]	OL	P	2,970	6	A		
408	0	3	0													
409	0	2	0	x	x		x	x	McClosky; MisL	L	P	2,980	9	MC	MisL	3,136
410	0	10	0												MisL	2,758
411	0	7	0	x	x		31.0	0.22	Bichl; Pen	S	P	1,760	15	A		
412	0	1	0	x	x		27.3	0.25	Palestine; MisU	S	P	1,785	13	A		
413	0	0	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,633	6	AC		
414	0	1	0	x	x		x	x	McClosky; MisL[8]	L	P	2,655	5	AC		
415	0	1	0													
416	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,325	20	x	MisL	2,630
417	0	10	0	x	x		x	x	Bichl; Pen	S	P	1,645	14	L	MisL	2,592

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
418	Friendsville South, *Wabash*	1942	380	538,000	123,000		0	0	30	8	0
419			x	x	x		0	0	4	1	0
420			x	x	x		0	0	3	2	0
421			x	x	x		0	0	11	2	0
422			x	x	x		0	0	2	0	0
423			x	x	x		0	0	1	0	0
424			x	x	x		0	0	2	2	0
425									7	1	0
426	Geff, *Wayne*	1941	680	1,053,000	219,000		0	0	44	17	1
427			x	x	x		0	0	34	15	0
428			x	x	x		0	0			
429			x	x	x		0	0	1	0	0
430			x	x	x		0	0	7	0	1
431									2	2	0
432	Geff West, *Wayne*	1942	60	75,000	14,000		0	0	3	0	0
433	Goldengate Consolidated, *Wayne*	1939	1,040	1,440,000	288,000		0	0	46	6	0
434			x	x	x		0	0	6	2	0
435			x	x	x		0	0	5	2	0
436			x	x	x		0	0	5	1	0
437			x	x	x		0	0	18	1	0
438									12	0	0
439	Goldengate North, *Wayne*	1945	40	14,000	9,000		0	0	2	0	0
440			x	x	x		0	0	0	0	0
441			x	x	x		0	0	0	0	0
442			x	x	x		0	0	0	0	0
443									2	0	0
444	Gossett, *White*	1943[31]	40	600	0		0	0	1	0	1
445	Grayville, *Edwards, White*	1939	320	585,000	74,000		0	0	24	0	0
446			x	x	x		0	0	0	0	0
447			x	x	x		0	0	1	0	0
448			x	x	x		0	0	1	0	0
449			x	x	x		0	0	1	0	0
450			x	x	x		0	0	20	0	0
451									1	0	0
452	Grayville West, *White*	1941	30	51,000	5,000		0	0	3	0	0
453			x	x	x		0	0	1	0	0
454			x	x	x		0	0	2	0	0
455	Herald, *White, Gallatin*	1940	1,020	1,060,000	663,000		0	0	101	52	4
456			x	x	x		0	0	4	0	0
457			x	x	x		0	0	2	0	0
458			x	x	x		0	0	1	0	0
459			x	x	x		0	0	10	3	0
460			x	x	x		0	0	52	35	2
461			x	x	x		0	0	0	0	0
462			x	x	x		0	0	2	0	0
463			x	x	x		0	0	20	8	0
464			x	x	x		0	0	2	2	0
465			x	x	x		0	0	2	2	1
466			x	x	x		0	0	5	2	0
467									1	0	1
468	Hidalgo, *Jasper*	1940[32]	20	10,000	0		0	0	2	0	0
469	Hidalgo North, *Cumberland*	1946	20	1,000	1,000		0	0	1	1	0
470	Hill, *Effingham*	1943	80	36,000	4,000		0	0	2	0	0
471	Hoffman, *Clinton*	1939	220	549,000	32,000		0	0	47	1	3
472			x	x	x		0	0	11	1	0
473			x	x	x		0	0	35	0	3
474									1	0	0
475	Hoodville East, *Hamilton*	1944[33]	20	600	0		0	0	1	0	0
476	Hoosier, *Clay*	1946	130	54,000	54,000		0	0	10	10	0
477			x	x	x		0	0	6	6	0
478			x	x	x		0	0	1	1	0

[31] Abandoned 1946.
[32] Abandoned 1943.
[33] Abandoned 1944.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation					Deepest Zone Tested[p] to End of 1946	
	Oil[26]														
	Flowing	Artificial Lift	Gas	Initial	Avg./End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
418	0	30	0												MisL	2,798
419	0	4	0	x	x		31.0	0.22	Biehl; Pen	S	P	1,760	15	A		
420	0	3	0	x	x		27.3	0.25	Palestine; MisU	S	P	1,785	13	A		
421	0	11	0	x	x		35.2	0.17	Cypress; MisU	S	P	2,300	12	A		
422	0	2	0	x	x		36.7	0.18	Bethel; MisU	S	P	2,475	10	A		
423	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,633	6	AC		
424	0	2	0	x	x		x	x	McClosky; MisL[8]	L	P	2,655	5	AC		
425	0	7	0													
426	0	39	0												MisL	3,390
427	0	31	0	x	x		40.4	0.13	Aux Vases; MisU	S	P	3,065	14	AL		
428				x	x		x	x	Lower O'Hara; MisL[25]	L	P	3,140	5	AC		
429	0	1	0	x	x		x	x	Rosiclare; MisL	OL	P	3,200	4	AC		
430	0	5	0	x	x		34.0	0.33	McClosky; MisL[8]	OL	P	3,245	5	AC		
431	0	2	0													
432	0	3	0	x	x		x	x	Aux Vases; MisU	S	P	3,130	20	AL	MisL	3,320
433	0	38	0												Dev	5,645
434	0	4	0	x	x		x	x	Aux Vases; MisU	S	P	3,180	15	AL		
435	0	3	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,252	6	AC		
436	0	3	0	x	x		x	x	Rosiclare; MisL	SL	P	3,275	5	AC		
437	0	15	0	x	x		34.4	0.18	McClosky; MisL[8]	OL	P	3,308	9	AC		
438	0	13	0													
439	0	2	0												MisL	3,460
440	0	0	0	x	x		x	x	Lower O'Hara; MisL[25]	L	P	3,300	9	AC		
441	0	0	0	x	x		x	x	Rosiclare; MisL[25]	SL	P	3,325	6	AC		
442	0	2	0	x	x		x	x	McClosky; MisL[8]	L	P	3,325	6	AC		
443	0	0	0													
444	0	0	0	x	x		x	x	McClosky; MisL	OL	P	3,080	3	MF	MisL	3,090
445	0	15	0												MisL	3,280
446	0	3	0	x	x		x	x	Biehl; Pen	S	P	1,880	9	MF		
447	0	1	0	x	x		x	x	Palestine; MisU	S	P	2,098	12	AL		
448	0	1	0	x	x		x	x	Cypress; MisU	S	P	2,810	16	A		
449	0	1	0	x	x		x	x	Rosiclare; MisL	L	P	3,122	x	A		
450	0	8	0	x	x		35.8	0.31	McClosky; MisL[8]	L	P	3,100	10	A		
451	0	1	0													
452	0	2	0												MisL	3,275
453	0	1	0	x	x		37.0	x	Cypress; MisU	S	P	2,860	16	MF		
454	0	1	0	x	x		x	x	McClosky; MisL	OL	P	3,180	10	MF		
455	0	90	0												MisL	3,394
456	0	3	0	x	x		28.0	x	Pennsylvanian; Pen	S	P	1,500	15	A		
457	0	1	0	x	x		x	x	Pennsylvanian; Pen	S	P	1,750	18	MF		
458	0	1	0	x	x		x	x	Waltersburg; MisU	S	P	x	x	x		
459	0	9	0	x	x		37.2	0.24	Tar Springs; MisU	S	P	2,260	15	AL		
460	0	47	0	x	x		x	x	Cypress; MisU	S	P	2,660	10	AL		
461	0	1	0	x	x		x	x	Paint Creek; MisU	S	P	x	x	x		
462	0	2	0	x	x		x	x	Bethel; MisU	S	P	2,790	10	AL		
463	0	15	0	x	x		x	x	Aux Vases; MisU	S	P	2,920	11	AL		
464	0	2	0	x	x		x	x	Lower O'Hara; MisL	L	P	2,965	6	MF		
465	0	2	0	x	x		x	x	Rosiclare; MisL	L	P	3,005	4	A		
466	0	5	0	x	x		x	x	McClosky; MisL[8]	L	P	2,967	6	A		
467	0	2	0													
468	0	0	0	x	x		38.6	0.20	McClosky; MisL	L	P	2,598	8	MC	Dev	4,140
469	0	1	0	x	x		x	x	Rosiclare; MisL	S	P	2,650	11	x	MisL	2,662
470	0	1	0	x	x		39.0	x	McClosky; MisL	L	P	2,570	6	A	MisL	2,675
471	0	32	0												Dev	2,914
472	0	x	0	x	x		x	x	Cypress; MisU	S	P	1,180	11	A		
473	0	x	0	x	x		33.2	0.21	Bethel; MisU	S	P	1,320	7	A		
474	0	x	0													
475	0	0	0	x	x		x	x	McClosky; MisL	L	P	3,364	3	N	MisL	3,387
476	0	10	0												MisL	3,066
477	0	6	0	x	x		x	x	Cypress; MisU	S	P	2,550	17	A		
478	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,845	25	A		

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
479			x	x	x		0	0	3	3	0
480	Hoosier North, *Clay*	1946	10	500	500		0	0	1	1	0
481	Huey, *Clinton*	1945	30	400	200		0	0	3	0	0
482	Hunt City, *Jasper*	1945	20	400	100		0	0	1	0	0
483	Ina, *Jefferson*	1938[34]	20	16,000	0		0	0	2	0	1
484	Ingraham, *Clay*	1942[35]	80	3,000	0		0	0	3	0	0
485	Ingraham West, *Clay*	1945	540	543,000	43,000		0	0	45	43	0
486			x	x	x		0	0	22	21	0
487			x	x	x		0	0	2	2	0
488			x	x	x		0	0	1	1	0
489			x	x	x		0	0	5	5	0
490			x	x	x		0	0	8	7	0
491									7	7	0
492	Inman, *Gallatin*	1940	60	81,000	11,000		0	0	6	0	1
493			x	x	x		0	0	2	0	0
494			x	x	x		0	0	1	0	0
495			x	x	x		0	0	1	0	0
496			x	x	x		0	0	1	0	0
497			x	x	x		0	0	1	0	1
498	Inman East, *Gallatin*	1940	1,080	3,566,000	462,000		0	0	101	0	4
499			x	x	x		0	0	4	0	0
500			x	x	x		0	0			
501			x	x	x		0	0	1	0	0
502			x	x	x		0	0	1	0	0
503			x	x	x		0	0	17	0	0
504			x	x	x		0	0	46	0	1
505			x	x	x		0	0	0	0	0
506			x	x	x		0	0	18	0	0
507			x	x	x		0	0	3	0	3
508									11	0	0
509	Inman North, *Gallatin*	1941	70	11,000	1,000		0	0	4	0	0
510			x	x	x		0	0	1	0	0
511			x	x	x		0	0	3	0	0
512	Inman West, *Gallatin*	1942	320	437,000	56,000		0	0	21	0	0
513			x	x	x		0	0	1	0	0
514			x	x	x		0	0	15	0	0
515			x	x	x		0	0	0	0	0
516									5	0	0
517	Iola, *Clay*	1939[36]	1,500	3,407,000	573,000		0	0	117	5	1
518			x	x	x		0	0	0	0	0
519			x	x	x		0	0	20	5	0
520			x	x	x		0	0	0	0	0
521			x	x	x		0	0	5	0	0
522			x	x	x		0	0			
523			x	x	x		0	0	56	0	0
524			x	x	x		0	0			
525			x	x	x		0	0	9	0	1
526									27	0	0
527	Iola West, *Clay*	1945[37]	20	500	500		0	0	1	0	0
528	Iron, *White*	1940	900	3,249,000	127,000		0	0	72	2	1
529			x	x	x		0	0			
530			x	x	x		0	0	6	1	0
531			x	x	x		0	0	38	0	0
532			x	x	x		0	0	3	1	0
533			x	x	x		0	0	0	0	0
534			x	x	x		0	0	1	0	0
535			x	x	x		0	0	21	0	0
536									3	0	1
537	Irvington, *Washington*	1940	930	3,964,000	315,000		0	0	88	0	2
538			x	x	x		0	0	2	0	2

[34] Abandoned 1946.
[35] Abandoned 1942, revived 1943, abandoned 1944.
[36] Abandoned 1940, revived 1941.
[37] Abandoned 1945.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Lift	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, ft.
479	0	3	0	x	x		x	x	Rosiclare; MisL	L	P	2,895	8	A		
480	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,805	7	A	MisU	2,823
481	0	3	0	x	x		x	x	Bethel; MisU	S	P	1,255	10	AL	Dev	2,720
482	0	1	0	x	x		x	x	Rosiclare; MisL	SL	P	2,540	13	MC	MisL	2,711
483	0	0	0	x	x		36.4	0.20	St. Louis; MisL	L	P	3,000	5	AC	MisL	3,065
484	0	0	0	x	x		36.8	0.21	McClosky; MisL	OL	P	3,100	7	MC	MisL	3,140
485	0	45	0												MisL	2,977
486	0	22	0	x	x		x	x	Cypress; MisU	S	P	2,530	18	A		
487	0	2	0	x	x		x	x	Bethel; MisU	S	P	2,680	15	A		
488	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,765	10	A		
489	0	5	0	x	x		x	x	Rosiclare; MisL	L	P	2,832	7	A		
490	0	8	0	x	x		x	x	McClosky; MisL[s]	L	P	2,832	4	A		
491	0	7	0													
492	0	2	0												MisL	3,010
493	0	1	0	x	x		30.6	x	Palestine; MisU	S	P	1,830	10	AL		
494	0	0	0	x	x		x	x	Waltersburg; MisU	S	P	1,990	10	AL		
495	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,695	12	AL		
496	0	0	0	x	x		38.0	0.20	Rosiclare; MisL	L	P	2,803	10	AC		
497	0	0	0	x	x		x	x	McClosky; MisL	L	P	2,730	10	AC		
498	0	95	0												MisL	3,020
499	0	4	0	x	x		x	x	Pennsylvanian; Pen	S	P	780	10	Af		
500				x	x		x	x	Degonia; MisU[25]	S	P	1,690	10	Af		
501	0	0	0	x	x		x	x	Clore; MisU	S	P	1,725	10	Af		
502	0	1	0	x	x		x	x	Palestine; MisU	S	P	1,840	13	Af		
503	0	15	0	x	x		x	x	Waltershurg; MisU	S	P	1,980	18	ALf		
504	0	33	0	x	x		34.6	0.24	Tar Springs; MisU	S	P	2,080	15	AF		
505	0	3	0	x	x		x	x	Hardinsburg; MisU	S	P	2,135	10	ALf		
506	0	14	0	x	x		35.2	0.23	Cypress; MisU	S	P	2,390	12	ALf		
507	0	0	0	x	x		x	x	McClosky; MisL[s]	L	P	2,800	10	ACf		
508	0	25	0													
509	0	1	0												MisL	3,020
510	0	0	0	x	x		x	x	Aux Vases; MisU	S	P	2,815	20	ML		
511	0	1	0	x	x		36.6	0.19	McClosky; MisL	L	P	2,860	15	MC		
512	0	18	0												MisL	2,990
513	0	1	0	x	x		x	x	Tar Springs; MisU	S	P	2,175	20	AL		
514	0	12	0	x	x		38.0	x	Cypress; MisU	S	P	2,485	15	AL		
515	0	0	0	x	x		x	x	McClosky; MisL[25][s]	L	P	2,875	8	A		
516	0	5	0													
517	0	107	0												MisL	2,590
518	0	1	0	x	x		x	x	Tar Springs; MisU	S	P	1,890	9	D		
519	0	22	0	x	x		x	x	Cypress; MisU	S	P	2,125	20	D		
520	0	2	0	x	x		x	x	Paint Creek; MisU	S	P	2,255	9	D		
521	0	2	0	x	x		36.0	0.14	Bethel; MisU	S	P	2,290	14	D		
522				x	x		x	x	Renault; MisU[25]	S	P	2,320	9	D		
523	0	41	0	x	x		35.4	0.25	Aux Vases; MisU	S	P	2,335	14	D		
524				x	x		x	x	Rosiclare; MisL[25]	SL	P	2,400	7	D		
525	0	4	0	x	x		x	x	McClosky; MisL[s]	OL	P	2,425	10	ML		
526	0	35	0													
527	0	0	0	x	x		x	x	McClosky; MisL	L	P	2,495	2	x	MisL	2,613
528	0	61	0												MisL	3,246
529				x	x		x	x	Waltersburg; MisU[25]	S	P	2,270	8	AL		
530	0	5	0	x	x		36.4	x	Tar Springs; MisU	S	P	2,385	12	ALf		
531	0	35	0	x	x		37.2	0.30	Hardinsburg; MisU	S	P	2,500	18	AF		
532	0	2	0	x	x		38.0	x	Cypress; MisU	S	P	2,720	20	AL		
533	0	0	0	x	x		x	x	Paint Creek; MisU[25]	S	P	x	x	AL		
534	0	0	0	x	x		x	x	Bethel; MisU	S	P	2,850	15	AL		
535	0	15	0	x	x		39.0	0.20	McClosky; MisL[s]	OL	P	3,060	15	ACf		
536	0	4	0													
537	0	84	0												Dev	3,362
538	0	2	0	x	x		37.6	x	Cypress; MisU	S	P	1,380	10	A		

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
539			x	x	x		0	0	78	0	0
540			x	x	x		0	0			
541			100	x	40,000		0	0	7	0	0
542									1	0	0
543	Johnsonville Consolidated, *Wayne*	1941	6,000	18,355,000	1,193,000		0	0	304	1	1
544			x	x	x		0	0	0	0	0
545			x	x	x		0	0	60	0	0
546			x	x	x		0	0	5	1	0
547			x	x	x		0	0	3	0	0
548			x	x	x		0	0	218	0	0
549									18	0	1
550	Johnsonville North, *Wayne*	1943	40	30,000	5,000		0	0	1	0	0
551			x	x	x		0	0	0	0	0
552			x	x	x		0	0	0	0	0
553									1	0	0
554	Johnsonville South, *Wayne*	1942	200	19,000	5,000		0	0	6	3	2
555			x	x	x		0	0	4	3	1
556			x	x	x		0	0	2	0	1
557	Johnsonville West, *Wayne*	1942[38]	80	11,000	6,000		0	0	4	2	0
558			x	x	x		0	0	1	0	0
559			x	x	x		0	0	3	2	0
560	Junction, *Gallatin*	1939	140	241,000	14,000		0	0	14	0	0
561	Junction North, *Gallatin*	1946	10	0	0		0	0	1	1	0
562	Keensburg Consolidated, *Wabash*	1939	1,910	6,958,000	353,000		0	0	257	2	5
563			x	x	x		0	0	17	0	0
564			x	x	x		0	0	1	0	0
565			x	x	x		0	0	4	0	0
566			x	x	x		0	0	0	0	0
567			x	x	x		0	0	211	0	5
568			x	x	x		0	0	2	0	0
569			x	x	x		0	0	1	0	0
570			x	x	x		0	0	7	1	0
571			x	x	x		0	0	0	0	0
572									14	1	0
573	Keensburg East, *Wabash*	1939[39]	60	8,000	2,000		0	0	3	0	0
574			x	x	x		0	0	1	0	0
575			x	x	x		0	0	2	0	0
576	Keensburg South, *Wabash*	1944	60	54,000	20,000		0	0	3	0	1
577			x	x	x		0	0	2	0	1
578			x	x	x		0	0	1	0	0
579	Keenville, *Wayne*	1945	300	348,000	340,000		0	0	27	25	0
580			x	x	x		0	0	6	4	0
581			x	x	x		0	0	2	2	0
582			x	x	x		0	0	17	17	0
583									2	2	0
584	Kell, *Jefferson*	1942[40]	40	3,000	0		0	0	1	0	1
585	Kenner, *Clay*	1942	540	409,000	139,000		0	0	43	0	0
586			x	x	x		0	0	1	0	0
587			x	x	x		0	0	40	0	0
588			x	x	x		0	0			
589			x	x	x		0	0	1	0	0
590									1	0	0
591	King, *Jefferson*	1942	670	883,000	228,000		0	0	33	0	0
592			x	x	x		0	0	24	0	0
593			x	x	x		0	0			
594			x	x	x		0	0	2	0	0
595			x	x	x		0	0			
596									7	0	0
597	LaClede, *Fayette*	1943	40	4,000	0		0	0	2	1	1
598	Lakewood, *Shelby*	1941	160	52,000	16,000		0	0	8	6	0
599			x	x	x		0	0	6	5	0

[38] Abandoned 1942, revived 1943.
[39] Abandoned 1943, revived 1945.
[40] Abandoned 1946.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Lift	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[4]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
539	0	68	0	x	x		37.6	0.16	Bethel; MisU	S	P	1,535	10	A		
540				x	x		x	x	Aux Vases; MisU[25]	S	P	1,605	x	A		
541	0	7	0	x	x		39.0	0.27	Devonian; Dev[8]	L	Cav	3,090	5	A		
542	0	7	0													
543	0	285	0												Dev	5,198
544	0	2	0	x	x		x	x	Bethel; MisU	S	P	2,950	12	AL		
545	0	96	0	x	x		39.4	0.14	Aux Vases; MisU	S	P	3,020	20	AL		
546	0	3	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,120	10	AC		
547	0	3	0	x	x		x	x	Rosiclare; MisL	OL	P	3,150	8	AC		
548	0	144	0	x	x		38.0	0.17	McClosky; MisL[8]	OL	P	3,169	15	AC		
549	0	37	0													
550	0	1	0												MisL	3,320
551	0	0	0	x	x		37.6	0.18	Lower O'Hara; MisL[25]	OL	P	3,192	5	AC		
552	0	1	0	x	x		37.6	0.18	McClosky; MisL[8]	OL	P	3,254	3	AC		
553	0	0	0													
554	0	3	0												MisL	3,266
555	0	3	0	x	x		39.0	x	Aux Vases; MisU	S	P	3,087	20	x		
556	0	0	0	x	x		x	x	McClosky; MisL	OL	P	3,180	3	x		
557	0	3	0												MisL	3,185
558	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,970	13	ML		
559	0	2	0	x	x		x	x	McClosky; MisL	OL	P	3,107	2	MC		
560	0	14	0	x	x		37.2	0.22	Waltersburg; MisU	S	P	1,765	15	AF	MisL	2,710
561	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,726	14	x	MisL	2,870
562	0	177	0												MisL	3,065
563	0	12	0	x	x		38.0	x	Biehl; Pen	S	P	1,720	10	AL		
564	0	1	0	x	x		x	x	Clore; MisU	S	P	1,830	10	AL		
565	0	2	0	x	x		x	x	Palestine; MisU	S	P	1,900	13	AL		
566	0	0	0	x	x		x	x	Tar Springs; MisU	S	P	2,100	15	AL		
567	0	143	0	x	x		38.6	0.29	Cypress; MisU	S	P	2,250	18	A		
568	0	2	0	x	x		x	x	Paint Creek; MisU	S	P	2,550	12	AL		
569	0	1	0	x	x		36.6	x	Bethel; MisU	S	P	2,575	18	AL		
570	0	4	0	x	x		37.7	0.38	McClosky; MisL	OL	P	2,800	7	AC		
571	0	0	0	x	x		x	x	Rosiclare; MisL[8]	L	P	x	x	x		
572	0	12	0													
573	0	2	0												MisL	2,741
574	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,716	6	MC		
575	0	1	0	x	x		37.6	0.26	McClosky; MisL	OL	P	2,710	6	MC		
576	0	2	0												MisL	2,882
577	0	1	0	300±	x		x	x	Pennsylvanian; Pen	S	P	1,140	15	AL		
578	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,714	10	AC		
579	0	26	0												MisL	3,267
580	0	5	0	x	x		x	x	Aux Vases; MisU	S	P	2,980	5	AL		
581	0	2	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,060	7	A		
582	0	17	0	x	x		x	x	McClosky; MisL[8]	L	P	3,100	9	A		
583	0	2	0													
584	0	0	0	x	x		36.2	0.26	McClosky; MisL	L	P	2,625	6	A	MisL	2,720
585	0	42	0												MisL	3,035
586	0	1	0	x	x		x	x	Tar Springs; MisU	S	P	2,200	5	x		
587	0	40	0	x	x		36.8	0.22	Bethel; MisU	S	P	2,660	10	AC		
588				x	x		x	x	Aux Vases; MisU[25]	S	P	2,820	9	A		
589	0	0	0	x	x		x	x	McClosky; MisL[8]	L	P	2,928	7	x		
590	0	1	0													
591	0	25	0												Dev	4,760
592	0	15	0	x	x		38.6	0.17	Aux Vases; MisU	S	P	2,730	20	AL		
593				x	x		x	x	Lower O'Hara; MisL[25]	L	P	2,770	10	AC		
594	0	1	0	x	x		39.6	0.16	Rosiclare; MisL	SL	P	2,815	10	AC		
595				x	x		x	x	McClosky; MisL[25][8]	L	P	2,840	7	AC		
596	0	9	0													
597	0	1	0	x	x		35.6	0.18	Bethel; MisU	S	P	2,335	20	T	MisL	2,608
598	0	8	0												MisL	1,875
599	0	6	0	x	x		x	x	Bethel; MisU	S	P	1,692	9	x		

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
				Total Production, Bbl[c]			Millions Cu Ft[e]			1946	
			Area Proved, Acres[b]	To End of 1946	During 1946	Area Proved, Acres[d]	To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
600			z	z	z		0	0	2	1	0
601	Lancaster, *Wabash, Lawrence*	1940	1,100	1,840,000	320,000		0	0	96	2	1
602			z	z	z		0	0	5	1	0
603			z	z	z		0	0	60	1	0
604			z	z	z		0	0	0	0	0
605			z	z	z		0	0	1	0	0
606			z	z	z		0	0	29	0	1
607									1	0	0
608	Lancaster Central, *Wabash*	1946	80	55,000	55,000		0	0	4	4	0
609	Lancaster East, *Wabash*	1944	10	1,000	0		0	0	1	0	0
610	Lancaster South, *Wabash*	1946	20	8,000	8,000		0	0	1	1	0
611	Lancaster West, *Edwards, Wabash*	1943	80	117,000	13,000		0	0	4	0	0
612			z	z	z		0	0	3	0	0
613			z	z	z		0	0	1	0	0
614	Leech Township, *Wayne*	1938	280	517,000	37,000		0	0	16	0	0
615			z	z	z		0	0			
616			z	z	z		0	0			
617			z	z	z		0	0	15	0	0
618									1	0	0
619	Lillyville, *Cumberland*	1946	60	9,000	9,000		0	0	3	3	0
620	Louden, *Fayette, Effingham*	1937	20,650	130,193,000	8,205,000	80	z	z	1,992	3	19
621				0	0	80	z	z	2	0	0
622			20,080	z	z		0	0	952	3	z
623			11,000	z	z		0	0	323	0	z
624			7,010	z	z		0	0	420	0	z
625			z	z	z		0	0	0	0	z
626			3,130	9,494,000	1,140,000		0	0	84	0	3
627									211	0	z
628	McKinley, *Washington*	1940	100	193,000	6,000		0	0	8	0	0
629			z	z	z		0	0	7	0	0
630			z	z	0		0	0	1	0	0
631	Maple Grove, *Edwards*	1943	690	969,000	248,000		0	0	33	13	2
632	Maple Grove East, *Edwards*	1944	120	18,000	500		0	0	3	0	0
633	Maple Grove South, *Edwards*	1945	20	7,000	2,000		0	0	1	0	0
634	Marcoe, *Jefferson*	1938[41]	20	12,500	0		0	0	2	0	0
635	Marine, *Madison*	1943	2,300	2,528,000	1,202,000		0	0	110	54	2
636	Markham City, *Jefferson*	1942	660	912,000	72,000		0	0	19	0	1
637			z	z	z		0	0	0	0	0
638			z	z	z		0	0	18	0	1
639									1	0	0
640	Markham City North, *Jefferson, Wayne*	1943	480	644,000	74,000		0	0	15	0	1
641			z	z	z		0	0	2	0	0
642			z	z	z		0	0	13	0	1
643	Markham City West, *Jefferson*	1945	410	324,000	322,000		0	0	25	24	0
644			z	z	z		0	0	11	10	0
645			z	z	z		0	0	12	12	0
646									2	2	0
647	Mason, *Effingham*	1940	60	187,000	6,000		0	0	9	0	0
648	Mason South, *Effingham, Clay*	1941	720	1,146,000	233,000		0	0	62	5	1
649			z	z	z		0	0	21	0	0
650			z	z	z		0	0	11	1	0
651			z	z	z		0	0	5	0	0
652			z	z	z		0	0	4	1	1
653									21	3	0
654	Massilon, *Wayne, Edwards*	1946	40	5,000	5,000		0	0	2	2	0
655			z	z	z		0	0	2	2	0
656			z	z	z		0	0	0	0	0
657	Mattoon, *Coles*	1939[43]	3,630	4,777,000	4,271,000		0	0	371	298	1
658			z	z	z		0	0	85	77	0
659			z	z	z		0	0	1	1	0
660			z	z	z		0	0	193	148	1

[41] Abandoned 1941.
[43] Abandoned 1939, revived 1940.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Lift	Gas	Initial	Avg./End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
600	0	2	0	x	x		31.7	0.23	Aux Vases; MisU	S	P	1,723	9	x		
601	0	72	0												MisL	2,908
602	0	4	0	x	x		39.0	x	Paint Creek; MisU	S	P	2,320	22	AL		
603	0	55	0	x	x		x	x	Bethel; MisU	S	P	2,530	12	AL		
604	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	x	x	AL		
605	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,672	11	AC		
606	0	10	0	x	x		39.8	0.28	McClosky; MisL [8]	OL	P	2,690	5	A		
607	0	1	0													
608	0	4	0	x	x		x	x	Rosiclare; MisL	L	P	2,815	8	x	MisL	2,888
609	0	1	0	x	x		x	x	Biehl; Pen	S	P	1,750	10	ML	MisL	2,630
610	0	1	0	x	x		x	x	McClosky; MisL	L	P	2,720	12	x	MisL	2,809
611	0	4	0												MisL	3,125
612	0	3	0	x	x		40.9	0.20	Lower O'Hara; MisL	L	P	2,850	8	MC		
613	0	1	0	x	x		x	x	Rosiclare; MisL	L	P	2,860	8	MC		
614	0	12	0												MisL	3,522
615				x	x		x	x	Aux Vases; MisU[25]	S	P	3,375	18	ML		
616				x	x		x	x	Lower O'Hara; MisL[26]	L	P	3,431	12	MC		
617	0	11	0	x	x		39.0	0.19	McClosky; MisL [8]	OL	P	3,430	6	AC		
618	0	1	0													
619	0	3	0	x	x		x	x	McClosky; MisL	L	P	2,450	8	A	Dev	4,000
620	77	1,794	2			P									St. Peter	4,680
621	0	0	2	x	x				Bartschi; Pen	S	P	1,000	15	AL		
622	11	641	0	x	x	P	36.0	0.25	Cypress; MisU	S	P	1,495	22	A		
623	0	190	0	x	x	P	37.8	0.24	Paint Creek; MisU	S	P	1,538	15	A		
624	0	294	0	x	x	P	38.5	0.20	Bethel; MisU	S	P	1,550	16	A		
625	1	1	0	x	x		x	x	Aux Vases; MisU	S	P	1,630	9	A		
626	12	60	0	x	x		28.2	0.48	Devonian; Dev [8]	L	Cav	3,000	16	A		
627	53	608	0													
628	0	5	0												Dev	2,565
629	0	5	0	x	x		44.1	0.18	Bethel; MisU	S	P	1,000	7	A		
630	0	0	0	x	x		41.7	x	Devonian; Dev	L	Cav	2,250	10	A		
631	0	31	0	x	x		x	x	McClosky; MisL	L	P	3,270	8	A	MisL	3,340
632	0	0	0	x	x		x	x	McClosky; MisL	L	P	3,215	6	ML	MisL	3,315
633	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,250	11	x	MisL	3,358
634	0	0	0	x	x		23.2	0.54	McClosky; MisL	L	P	2,745	15	x	MisL	3,066
635	0	108	0	x	x		35.2	0.28	Silurian; Sil	L	P	1,740	5	R[42]	Ord	2,590
636	0	13	0												MisL	3,215
637	0	2	0	x	x		38.2	0.08	Lower O'Hara; MisL	L	P	3,060	5	A		
638	0	11	0	x	x		38.2	0.08	McClosky; MisL [8]	L	P	3,090	11	A		
639	0	0	0													
640	0	12	0												MisL	3,166
641	0	2	0	x	x		x	x	Aux Vases; MisU	S	P	2,950	10	AL		
642	0	10	0	x	x		x	x	McClosky; MisL	L	P	3,100	10	AC		
643	0	25	0												MisL	3,182
644	0	8	0	x	x		x	x	Aux Vases; MisU	S	P	2,913	6	AL		
645	0	9	0	x	x		x	x	McClosky; MisL [8]	L	P	3,060	8	AC		
646	0	8	0													
647	0	2	0	x	x		38.4	0.21	McClosky; MisL	L	P	2,490	14	A	MisL	2,551
648	0	56	0												MisL	2,553
649	0	20	0	x	x		38.0	x	Bethel; MisU	S	P	2,290	20	A		
650	0	10	0	x	x		x	x	Aux Vases; MisU	S	P	2,360	14	A		
651	0	2	0	x	x		x	x	Rosiclare; MisL	S	P	2,430	8	A		
652	0	2	0	x	x		38.4	0.21	McClosky; MisL [8]	L	P	2,450	7	A		
653	0	22	0													
654	0	2	0												MisL	3,441
655	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,255	5	x		
656	0	1	0	x	x		x	x	McClosky; MisL	L	P	x	x	x		
657	0	365	0												St. Peter	4,915
658	0	83	0	x	x		44.1	0.16	Cypress; MisU	S	P	1,835	15	A		
659	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	1,900	15	A		
660	0	186	0	x	x		38.4	0.21	Rosiclare; MisL	S	P	2,000	10	AL		

[42] Reef structure.

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
661			x	x	x		0	0			
662									92	72	0
663	Maud, *Wabash*	1940	250	412,000	22,000		0	0	20	0	2
664			x	x	x		0	0	2	0	0
665			x	x	x		0	0	0	0	0
666			x	x	x		0	0	1	0	0
667			x	x	x		0	0	0	0	0
668			x	x	x		0	0	1	0	0
669			x	x	x		0	0	14	0	2
670									2	0	0
671	Maud North, *Wabash*	1946	50	7,000	7,000		0	0	5	5	0
672	Maunie, *White*	1941	30	46,000	5,000		0	0	3	0	0
673			x	x	x		0	0	2	0	0
674			x	x	x		0	0	1	0	0
675	Maunie North, *White*	1941	260	214,000	43,000		0	0	15	2	1
676			x	x	x		0	0			
677			x	x	x		0	0	0	0	0
678			x	x	x		0	0	5	0	0
679			x	x	x		0	0	1	0	0
680			x	x	x		0	0	0	0	0
681			x	x	x		0	0	7	2	1
682									2	0	0
683	Maunie South, *White*	1941	960	2,167,000	174,000		0	0	84	1	2
684			x	x	x		0	0	4	0	0
685			x	x	x		0	0	5	0	0
686			x	x	x		0	0	33	0	0
687			x	x	x		0	0	1	0	0
688			x	x	x		0	0	24	0	0
689			x	x	x		0	0	2	1	0
690			x	x	x		0	0			
691			x	x	x		0	0	9	0	0
692			x	x	x		0	0	0	0	0
693			x	x	x		0	0	0	0	1
694									6	0	1
695	Maunie West, *White*	1945[44]	20	500	500		0	0	1	0	1
696	Mayberry, *Wayne*	1941	200	247,000	24,000		0	0	6	0	0
697	Mill Shoals, *White, Hamilton, Wayne*	1939	1,950	4,101,000	298,000		0	0	135	1	2
698			x	x	x		0	0	107	0	2
699			x	x	x		0	0	1	1	0
700			x	x	x		0	0	0	0	0
701			x	x	x		0	0	23	0	0
702									4	0	0
703	Mt. Auburn, *Christian*	1943	120	19,000	8,000		0	0	3	1	0
704	Mt. Carmel, *Wabash*	1940	3,740	6,732,000	858,000		x	x	381	25	12
705			x	x	x		0	0	1	1	0
706			x	x	x		0	0	43	1	0
707			x	x	x		0	0	3	0	1
708			x	x	x		0	0	3	2	0
709			x	x	x		0	0			
710			x	x	x		0	0	7	1	0
711			x	x	x		0	0			
712			x	x	x		x	x	230	11	8
713			x	x	x		0	0	2	0	0
714			x	x	x		0	0	7	4	1
715			x	x	x		0	0	4	1	0
716			x	x	x		0	0	40	3	2
717									41	1	0
718	Mt. Carmel West, *Wabash*	1939	60	18,000	2,000		0	0	4	0	0
719			x	x	x		0	0	2	0	0
720			x	x	x		0	0	2	0	0
721	Mt. Erie North, *Wayne*	1944	70	47,000	17,000		0	0	4	0	0
722			x	x	x		0	0	1	0	0

[44] Abandoned 1946.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation					Deepest Zone Tested[p] to End of 1946	
	Oil[26]														
	Flowing	Artificial Lift	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
661				x	x		36.6	0.29	McClosky; MisL[25] [8]	OL	P	2,025	12	A		
662	0	95	0													
663	0	13	0												MisL	2,793
664	0	2	0	x	x		37.7	x	Waltersburg; MisU	S	P	1,935	17	AL		
665	0	1	0	x	x		x	x	Hardinsburg; MisU	S	P	2,115	22	AL		
666	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,464	8	AL		
667	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,550	12	AL		
668	0	0	0	x	x		38.0	0.30	Rosiclare; MisL	SL	P	2,640	9	AC		
669	0	6	0	x	x		38.0	0.30	McClosky; MisL [8]	OL	P	2,650	8	A		
670	0	2	0													
671	0	5	0	x	x		x	x	Bethel; MisU	S	P	2,660	24	AL	MisL	2,826
672	0	2	0												MisL	3,050
673	0	1	0	x	x		x	x	Bridgeport; Pen	S	P	1,310	10	AL		
674	0	1	0	x	x		33.8	0 28	Palestine; MisU	S	P	2,010	6	AL		
675	0	14	0												MisL	3,120
676				x	x		x	x	Cypress; MisU[25]	S	P	2,660	12	AL		
677	0	1	0	x	x		x	x	Paint Creek; MisU	S	P	2,775	11	AL		
678	0	4	0	x	x		36 5	x	Bethel; MisU	S	P	2,825	15	AL		
679	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,940	8	AL		
680	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,015	5	AC		
681	0	3	0	x	x		x	x	McClosky; MisL [8]	OL	P	3,075	16	AC		
682	0	4	0													
683	0	78	0			W									MisL	3,091
684	0	4	0	x	x		37.0	x	Bridgeport; Pen	S	P	1,400	20	AL		
685	0	5	0	x	x		x	x	Degonia; MisU	S	P	1,905	12	AL		
686	0	32	0	x	x		38.0	0.26	Palestine; MisU	S	P	2,010	18	AL		
687	0	1	0	x	x		x	x	Waltersburg; MisU	S	P	2,210	19	AL		
688	0	21	0	x	x	W	38.0	x	Tar Springs; MisU	S	P	2,240	15	AL		
689	0	2	0	x	x		39.0	x	Cypress; MisU	S	P	2,565	8	AL		
690				x	x		x	x	Bethel; MisU[25]	S	P	2,735	x	AL		
691	0	9	0	x	x		x	x	Aux Vases; MisU	S	P	2,845	14	AL		
692	0	0	0	x	x		x	x	Rosiclare; MisL[25]	SL	P	2,904	6	MC		
693	0	0	0	x	x		x	x	McClosky; MisL [8]	OL	P	2,870	2	MC		
694	0	4	0													
695	0	0	0	x	x		x	x	McClosky; MisL	OL	P	3,038	3	MC	MisL	3,149
696	0	5	0	x	x		38.6	0.16	McClosky; MisL	OL	P	3,340	12	AC	Dev	5,377
697	0	104	0												MisL	3,520
698	0	73	0	x	x		39 8	0.14	Aux Vases; MisU	S	P	3,320	16	A		
699	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,317	11	AC		
700	0	0	0	x	x		x	x	Rosiclare; MisL	SL	P	3,344	8	AC		
701	0	23	0	x	x		38 0	0.16	McClosky; MisL [8]	OL	P	3,440	5	AC		
702	0	7	0													
703	0	3	0	x	x		36.6	0 28	Silurian; Sil	L	P	1,900	14	M	Sil	1,998
704	0	336	x			G									MisL	2,762
705	0	1	0	x	x		x	x	Bridgeport; Pen	S	P	1,368	22	AL		
706	0	36	0	x	x	G	35 4	0 20	Biehl; Pen	S	P	1,470	25	AL		
707	0	2	0	x	x		x	x	Jordan; Pen	S	P	1,520	15	AL		
708	0	3	0	x	x		x	x	Palestine; MisU	S	P	1,580	10	AL		
709				x	x		x	x	Waltersburg; MisU[25]	S	P	1,688	11	AL		
710	0	7	0	x	x		x	x	Tar Springs; MisU	S	P	1,790	15	AL		
711				x	x		x	x	Jackson; MisU[25]	S	P	2,020	25	AL		
712	0	202	x	x	x		37.0	0.17	Cypress; MisU	S	P	2,025	15	AL		
713	0	2	0	x	x		x	x	Bethel; MisU	S	P	2,110	15	AL		
714	0	5	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,320	5	AC		
715	0	4	0	x	x		36.6	0.26	Rosiclare; MisL	S	P	2,350	5	AC		
716	0	33	0	x	x		38.4	0.42	McClosky; MisL [8]	OL	P	2,360	5	AC		
717	0	41	0													
718	0	2	0												MisL	3,500
719	0	1	0	x	x		30.0	0.25	Waltersburg; MisU	S	P	1,878	11	ML		
720	0	1	0	x	x		x	x	Tar Springs; MisU	S	P	1,930	6	ML		
721	0	4	0												MisL	3,354
722	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	3,100	19	ML		

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
723			x	x	x		0	0	3	0	0
724	Mt. Erie South, *Wayne*	1939[45]	360	221,000	42,000		0	0	10	1	3
725			x	x	x		0	0	3	0	0
726			x	x	x		0	0	2	0	1
727			x	x	x		0	0	2	0	1
728			x	x	x		0	0	2	0	1
729									1	1	0
730	Mt. Olive, *Montgomery*	1942	30	1,000	0		0	0	3	0	0
731	Mt. Vernon, *Jefferson*	1943	160	130,000	26,000		0	0	7	0	2
732			x	x	x		0	0	3	0	0
733			x	x	x		0	0	0	0	0
734			x	x	x		0	0	3	0	1
735									1	0	1
736	Nason, *Jefferson*	1943	20	8,000	2,000		0	0	1	0	0
737	New Bellair, *Crawford*	1942	20	10,000	1,000		0	0	2	0	0
738	New Harmony-Griffin Consolidated, *White, Wabash*	1939	8,960	39,029,000	3,123,000		0	0	887	24	12
739			x	x	x		0	0	2	0	0
740			x	x	x		0	0	12	0	0
741			x	x	x		0	0	1	1	0
742			x	x	x		0	0	1	0	0
743			x	x	x		0	0	23	1	0
744			x	x	x		0	0	40	3	0
745			x	x	x		0	0	134	9	4
746			x	x	x		0	0	12	0	0
747			x	x	x		0	0	135	1	0
748			x	x	x		0	0	208	4	1
749			x	x	x		0	0	0	0	0
750			x	x	x		0	0	2	0	0
751			x	x	x		0	0	111	1	5
752									206	4	2
753	New Harmony South, *White*	1941	50	50,000	5,000		0	0	4	0	0
754			x	x	x		0	0	1	0	0
755			x	x	x		0	0	1	0	0
756			x	x	x		0	0	1	0	0
757			x	x	x		0	0	1	0	0
758	New Harmony South (Ind.), *White*	1946	60	62,000	62,000		0	0	6	6	0
759			x	x	x		0	0			
760			x	x	x		0	0	1	1	0
761			x	x	x		0	0	3	3	0
762									2	2	0
763	New Haven, *White*	1941	300	551,000	49,000		0	0	23	0	1
764			x	x	x		0	0	4	0	1
765			x	x	x		0	0	1	0	0
766			x	x	x		0	0	7	0	0
767			x	x	x		0	0	5	0	0
768			x	x	x		0	0	1	0	0
769									5	0	0
770	New Haven North, *White*	1944	20	9,000	3,000		0	0	2	0	0
771	New Haven West, *Gallatin*	1944	160	326,000	124,000		0	0	16	1	0
772	Newton, *Jasper*	1944	60	11,000	10,000		0	0	3	2	1
773			x	x	x		0	0	2	2	0
774			x	x	x		0	0	1	0	1
775	Newton North, *Jasper*	1945	20	5,000	4,000		0	0	1	0	0
776	Noble, *Richland, Clay*	1937	5,600	21,632,000	1,858,000		x	x	312	1	18
777			x	x	x		x	x	47	0	4
778			x	x	x		0	0	1	0	0
779			x	x	x		0	0	0	0	0
780			x	x	x		0	0	263	1	14
781									1	0	0
782	Noble North, *Richland*	1938	1,860	3,794,000	287,000		x	x	101	3	1
783			x	x	x		x	x	93	2	1
784			x	x	x		0	0	1	1	0

[45] Abandoned 1941, revived 1942.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Gas	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
723	0	3	0	x	x		x	x	McClosky; MisL	OL	P	3,236	4	MC		
724	0	5	0												MisL	3,330
725	0	2	0	x	x		37 2	0.14	Aux Vases; MisU	S	P	3,070	15	AL		
726	0	1	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,120	8	AC		
727	0	1	0	x	x		x	x	Rosiclare; MisL	OL	P	3,155	10	AC		
728	0	0	0	x	x		31.7	x	McClosky; MisL[8]	OL	P	3,165	10	AC		
729	0	1	0													
730	0	1	0	x	x		33.2	0.16	Pottsville; Pen	S	P	600	5	A	Pen	743
731	0	3	0												MisL	3,008
732	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,680	10	AL		
733	0	0	0	x	x		x	x	Lower O'Hara; MisL[25]	L	P	2,755	5	AC		
734	0	2	0	x	x		39.2	0.18	McClosky; MisL[8]	L	P	2,800	6	AC		
735	0	0	0													
736	0	1	0	x	x		x	x	Rosiclare; MisL	S	P	2,790	10	MC	MisL	2,805
737	0	1	0	x	x		x	x	Pennsylvanian; Pen	S	P	1,170	30	ML	Dev	2,760
738																
	0	846	0			P									MisL	3,220
739	0	2	0	x	x	P	x	x	Jamestown; Pen	S	P	717	13	AL		
740	0	12	0	x	x	P	x	x	Biehl; Pen	S	P	1,850	20	AL		
741	0	1	0	x	x		x	x	Degonia; MisU	S	P	1,925	20	AL		
742	0	1	0	x	x		x	x	Clore; MisU	S	P	1,980	10	AL		
743	0	23	0	x	x	P	37.6	0.40	Waltersburg; MisU	S	P	2,155	20	AL		
744	0	39	0	x	x	P	36.0	0.19	Tar Springs; MisU	S	P	2,215	20	AL		
745	0	125	0	x	x	P	x	x	Cypress; MisU	S	P	2,570	30	AL		
746	0	10	0	x	x		x	x	Paint Creek; MisU	S	P	2,660	20	AL		
747	0	129	0	x	x	P	36.0	0.24	Bethel; MisU	S	P	2,700	25	A		
748	0	170	0	x	x	P	36.4	0.19	Aux Vases; MisU	S	P	2,825	15	AC		
749	0	3	0	x	x	P	x	x	Lower O'Hara; MisL	OL	P	2,900	5	AC		
750	0	2	0	x	x		x	x	Rosiclare; MisL	SL	P	2,905	10	AC		
751	0	80	0	x	x	P	39.2	0.33	McClosky; MisL[8]	OL	P	2,925	8	AC		
752	0	249	0													
753	0	1	0												MisL	3,207
754	0	1	0	x	x		x	x	Waltersburg; MisU	S	P	2,250	20	MF		
755	0	0	0	x	x		x	x	Tar Springs; MisU	S	P	2,355	16	MF		
756	0	0	0	x	x		x	x	Bethel; MisU	S	P	2,820	15	MF		
757	0	0	0	x	x		x	x	McClosky; MisL	OL	P	3,010	8	MF		
758	0	6	0												MisL	3,068
759				x	x		x	x	Degonia; MisU[25]	S	P	1,850	8	MF		
760	0	1	0	x	x		x	x	Palestine; MisU	S	P	1,950	10	MF		
761	0	3	0	x	x		x	x	Waltersburg; MisU[8]	S	P	2,100	25	MF		
762	0	2	0													
763	0	22	0												MisL	2,900
764	0	3	0	x	x		36.4	0.27	Tar Springs; MisU	S	P	2,100	10	ALf		
765	0	1	0	x	x		x	x	Hardinsburg; MisU	S	P	2,250	10	ALf		
766	0	7	0	x	x		x	x	Cypress; MisU	S	P	2,435	12	ALf		
767	0	5	0	x	x		x	x	Aux Vases; MisU	S	P	2,715	17	ALf		
768	0	1	0	x	x		x	x	McClosky; MisL[8]	OL	P	2,830	6	MC		
769	0	5	0													
770	0	2	0	x	x		x	x	Tar Springs; MisU	S	P	2,175	10	ML	MisL	2,986
771	0	15	0	x	x		x	x	Tar Springs; MisU	S	P	2,100	20	Af	MisL	2,950
772	0	2	0												MisL	3,022
773	0	2	0	x	x		x	x	Rosiclare; MisL	L	P	2,940	10	MC		
774	0	0	0	x	x		x	x	McClosky; MisL	L	P	2,930	5	MC		
775	0	1	0	x	x		x	x	McClosky; MisL	L	P	2,856	5	MC	MisL	2,863
776	0	243	x			W									MisL	3,200
777	0	105	x	x	x		34.6	0.27	Cypress; MisU	S	P	2,550	25	A		
778	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,920	15	ML		
779	0	2	0	x	x		x	x	Lower O'Hara; MisL	OL	P	2,957	2	AC		
780	0	130	0	x	x	W	39.0	0.17	McClosky; MisL[8]	OL	P	2,960	6	AM		
781	0	5	0													
782	0	97	x												MisL	3,063
783	0	90	x	x	x		x	x	Cypress; MisU	S	P	2,560	20	A		
784	0	1	0	x	x		x	x	Rosiclare; MisL	L	P	2,960	10	A		

TABLE 1—(*Continued*

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
				Total Production, Bbl[c]			Millions Cu Ft[e]			1946	
			Area Proved, Acres[b]	To End of 1946	During 1946	Area Proved, Acres[d]	To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
785			x	x	x		x	x	7	0	0
786									0	0	0
787	Noble South, *Richland*	1937	140	577,000	26,000		0	0	11	0	0
788	Odin, *Marion*	1945	210	219,000	135,000		0	0	21	0	0
789	Olney, *Richland*	1937	850	1,671,000	77,000		0	0	52	2	2
790			x	x	x		0	0	3	2	0
791			x	x	x		0	0	49	0	2
792	Olney East, *Richland*	1944	460	553,000	203,000		0	0	25	4	1
793			x	x	x		0	0			
794			x	x	x		0	0			
795			x	x	x		0	0	24	3	1
796									1	1	0
797	Olney South, *Richland*	1938[46]	40	x	0		0	0	2	0	0
798	Omaha, *Gallatin*	1940	350	1,227,000	136,000		x	x	21	0	0
799			x	x	x		0	0	17	0	0
800			x	x	x		x	x	4	0	0
801									0	0	0
802	Omaha East, *Gallatin*	1946	20	3,000	3,000		0	0	1	1	0
803	Omega, *Marion*	1946	20	0	0		0	0	1	1	0
804	Panama gas, *Bond*	1940				160	x	x	4	1	0
805	Parkersburg Consolidated, *Richland, Edwards*	1941	2,100	4,218,000	513,000		0	0	97	34	1
806			x	x	x		0	0	1	0	0
807			x	x	x		0	0	0	0	0
808			x	x	x		0	0	1	0	0
809			x	x	x		0	0	1	0	0
810			x	x	x		0	0	2	2	0
811			x	x	x		0	0	90	31	1
812									2	1	0
813	Parkersburg North, *Richland*	1945	20	5,000	4,000		0	0	1	0	0
814	Parkersburg West, *Richland, Edwards*	1943	110	63,000	11,000		0	0	4	0	1
815			x	x	x		0	0	1	0	0
816			x	x	x		0	0	3	0	1
817	Passport, *Clay*	1945	80	81,000	39,000		0	0	4	0	0
818			x	x	x		0	0	0	0	0
819			x	x	x		0	0	1	0	0
820			x	x	x		0	0	2	0	0
821									1	0	0
822	Patoka, *Marion*	1937	900	6,721,000	1,644,000		0	0	164	6	3
823			x	x	x		0	0	159	6	2
824			x	x	x		0	0	4	0	0
825			x	x	x		0	0	1	0	1
826	Patoka East, *Marion*	1941	500	2,696,000	236,000		0	0	59	0	1
827			x	x	x		0	0	54	0	1
828			x	x	x		0	0	5	0	0
829	Patton, *Wabash*	1940	110	31,000	9,000		0	0	8	0	0
830			x	x	x		0	0	5	0	0
831			x	x	x		0	0	1	0	0
832			x	x	x		0	0			
833			x	x	x		0	0	1	0	0
834									1	0	0
835	Patton West, *Wabash*	1943	620	294,000	104,000		0	0	44	11	3
836			x	x	x		0	0	10	8	0
837			x	x	x		0	0	20	2	1
838			x	x	x		0	0			
839			x	x	x		0	0	3	0	0
840			x	x	x		0	0			
841			x	x	x		0	0	1	0	0
842			x	x	x		0	0	6	1	2
843									4	0	0
844	Phillipstown Consolidated, *White*	1939	2,500	4,728,000	1,005,000		0	0	174	13	4
845			x	x	x		0	0	3	0	0
846			x	x	x		0	0	8	1	0
847			x	x	x		0	0	9	2	0
848			x	x	x		0	0	22	4	1

[46] Abandoned 1938.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Gas	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[4]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
785	0	5	x	x	x		x	x	McClosky; MisL[8]	L	P	2,940	7	AM		
786	0	1	0													
787	0	8	0	x	x		x	x	McClosky; MisL	L	P	3,045	5	AM	MisL	3,201
788	0	21	0	x	x		x	x	Cypress; MisU	S	P	1,750	13	Al	Dev	3,597
789	0	30	0												MisL	3,289
790	0	3	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,060	8	A		
791	0	27	0	x	x		37.2	0.19	McClosky; MisL	OL	P	3,050	10	A		
792	0	24	0												MisL	3,181
793				x	x		x	x	Lower O'Hara; MisL[25]	L	P	3,050	3	A		
794				x	x		x	x	Rosiclare; MisL[25]	L	P	3,055	3	A		
795	0	23	0	x	x		x	x	McClosky; MisL[8]	L	P	3,080	10	A		
796	0	1	0													
797	0	0	0	x	x		x	x	McClosky; MisL	OL	P	3,067	10	x	MisL	3,120
798	0	18	x			P									MisL	2,547
799	0	12	0	x	x	P	25.9	0.23	Palestine; MisU	S	P	1,690	20	D		
800	0	3	x	x	x		27.0	0.24	Tar Springs; MisU[8]	S	P	1,880	15	D		
801	0	3	0													
802	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	2,855	9	x	MisL	2,870
803	0	1	0	x	x		x	x	McClosky; MisL	L	P	2,490	7	D	MisL	2,584
804	0	0	4	x	x				Pennsylvanian; Pen	S	P	556	30	A	Dev-Sil	2,016
805																
	0	88	0												MisL	3,276
806	0	1	0	x	x		x	x	Cypress; MisU	S	P	2,830	12	A		
807	0	1	0	x	x		x	x	Paint Creek; MisU	S	P	2,953	17	A		
808	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,930	10	A		
809	0	0	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,070	10	AC		
810	0	2	0	x	x		x	x	Rosiclare; MisL	SL	P	3,100	7	A		
811	0	76	0	x	x		38 0	0 31	McClosky; MisL[8]	OL	P	3,135	9	A		
812	0	7	0													
813	0	1	0	x	x		x	x	McClosky; MisL	L	P	3,087	6	x	MisL	3,212
814	0	2	0												MisL	3,331
815	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,220	4	AC		
816	0	1	0	x	x		x	x	McClosky; MisL	OL	P	3,250	5	AC		
817	0	4	0												MisL	3,140
818	0	2	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,000	2	A		
819	0	0	0	x	x		x	x	Rosiclare; MisL	SL	P	3,000	2	A		
820	0	2	0	x	x		x	x	McClosky; MisL[8]	L	P	3,005	8	A		
821	0	0	0													
822	0	102	0			W									Dev	3,142
823	0	98	0	x	x	W	37.0	x	Bethel; MisU	S	P	1,410	25	D		
824	0	4	0	x	x		40.9	0 31	Rosiclare; MisL	S	P	1,560	15	D		
825	0	0	0	x	x		40.0	0.28	Devonian; Dev	L	P	2,835	8	D		
826	0	53	0												MisL	1,740
827	0	46	0	x	x		36.0	0.18	Cypress; MisU	S	P	1,340	19	A		
828	0	7	0	x	x		36.1	0.23	Bethel; MisU	S	P	1,465	10	A		
829	0	6	0												MisL	2,315
830	0	4	0	x	x		x	x	Biehl; Pen	S	P	1,470	15	AL		
831	0	0	0	x	x		x	x	Tar Springs; MisU	S	P	1,685	6	AL		
832				x	x		x	x	Rosiclare; MisL[26]	SL	P	2,250	x	MC		
833	0	1	0	x	x		x	x	McClosky; MisL[8]	OL	P	2,310	4	MC		
834	0	1	0													
835	0	40	0												MisL	2,571
836	0	10	0	x	x		x	x	Biehl; Pen	S	P	1,542	22	AL		
837	0	19	0	x	x		x	x	Cypress; MisU	S	P	2,029	12	AL		
838				x	x		x	x	Bethel; MisU[25]	S	P	2,139	20	AL		
839	0	3	0	x	x		x	x	Aux Vases; MisU	S	P	2,283	4	AL		
840				x	x		x	x	Lower O'Hara; MisL[25]	OL	P	2,308	4	AC		
841	0	1	0	x	x		x	x	Rosiclare; MisL	SL	P	2,318	4	AC		
842	0	3	0	x	x		x	x	McClosky; MisL[8]	OL	P	2,346	6	AC		
843	0	4	0													
844	0	156	0												Dev	5,350
845	0	3	0	x	x		x	x	Pennsylvanian; Pen	S	P	795	10	MF		
846	0	8	0	x	x		x	x	Pennsylvanian; Pen	S	P	1,340	10	MF		
847	0	9	0	x	x		36 2	0.22	Pennsylvanian; Pen	S	P	1,450	15	MF		
848	0	21	0	x	x		x	x	Degonia; MisU	S	P	1,975	10	MF		

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
849			x	x	x		0	0	2	0	0
850			x	x	x		0	0	2	0	0
851			x	x	x		0	0	0	0	0
852			x	x	x		0	0	43	2	1
853			x	x	x		0	0	0	0	0
854			x	x	x		0	0	3	0	0
855			x	x	x		0	0	15	0	0
856			x	x	x		0	0	11	2	0
857			x	x	x		0	0	1	1	0
858			x	x	x		0	0	3	0	0
859			x	x	x		0	0	20	0	2
860									32	1	0
861	Plainview, *Macoupin*	1942	10	800	0		0	0	1	0	0
862	Posey, *Clinton*	1941	20	5,000	300		0	0	2	0	0
863	Raymond, *Montgomery*	1940	60	7,000	1,000		0	0	6	0	0
864	Richview, *Washington*	1946	10	x	x		0	0	1	1	0
865	Ridgway, *Gallatin*	1946[47]	20	0	0		0	0	1	1	1
866	Rinard, *Wayne*	1937[48]	20	15,000	0		0	0	1	0	0
867	Roaches, *Jefferson*	1938	160	491,000	21,000		0	0	12	0	0
868			x	x	x		0	0	2	0	0
869			x	x	x		0	0	5	0	0
870			x	x	x		0	0	4	0	0
871									1	0	0
872	Roaches North, *Jefferson*	1944	400	742,000	205,000		0	0	34	0	0
873			x	x	x		0	0	32	0	0
874			x	x	x		0	0	1	0	0
875									1	0	0
876	Roland, *White, Gallatin*	1940	2,550	6,633,000	748,000		0	0	171	8	5
877			x	x	x		0	0			
878			x	x	x		0	0	75	4	3
879			x	x	x		0	0	3	0	0
880			x	x	x		0	0	21	0	0
881			x	x	x		0	0			
882			x	x	x		0	0	17	1	0
883			x	x	x		0	0	17	1	2
884			x	x	x		0	0			
885			x	x	x		0	0	2	1	0
886									36	1	0
887	Ruark, *Lawrence*	1941	30	5,000	1,000		0	0	3	1	0
888			x	x	x		0	0	2	0	0
889			x	x	x		0	0	1	1	0
890	Rural Hill, *Hamilton*	1941	3,100	9,228,000	575,000		0	0	205	2	6
891			x	x	x		0	0			
892			x	x	x		0	0	0	0	0
893			x	x	x		0	0			
894			x	x	x		0	0	99	2	3
895			x	x	x		0	0	21	0	0
896			x	x	x		0	0	2	0	0
897			x	x	x		0	0	21	0	3
898									62	0	0
899	Rural Hill West, *Hamilton*	1945	10	4,000	3,000		0	0	1	0	0
900	Russellville gas, *Lawrence*	1937		0	0	1,800	6,892	336	60	0	1
901				0	0	x	x	x	18	0	0
902				0	0	x	x	x	42	0	1
903	St. Francisville East, *Lawrence*	1941	130	142,000	17,000		0	0	11	1	0
904	St. Jacob, *Madison*	1942	1,120	1,707,000	253,000		0	0	53	0	0
905	St. James, *Fayette*	1938	2,000	9,199,000	754,000		0	0	187	0	7
906	St. Paul, *Fayette*	1941	190	332,000	42,000		0	0	14	1	2
907	Ste. Marie, *Jasper*	1941	620	538,000	27,000		0	0	20	0	0
908	Sailor Springs Consolidated, *Clay*	1941	1,870	2,589,000	408,000		0	0	121	7	1
909			x	x	x		0	0	39	2	1
910			x	x	x		0	0			
911			x	x	x		0	0	71	4	0
912			x	x	x		0	0	1	1	0

[47] Abandoned 1946.
[48] Abandoned 1941.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Gas	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
849	0	3	0	x	x		36.0	x	Clore; MisU	S	P	2,010	10	MF		
850	0	2	0	x	x		36.0	x	Palestine; MisU	S	P	2,050	10	MF		
851	0	3	0	x	x		x	x	Waltersburg; MisU	S	P	2,280	10	MF		
852	0	30	0	x	x		36.0	x	Tar Springs; MisU	S	P	2,295	15	ALf		
853	0	2	0	x	x		x	x	Cypress; MisU	S	P	2,720	12	AF		
854	0	6	0	x	x		x	x	Paint Creek; MisU	S	P	2,780	9	AF		
855	0	16	0	x	x		x	x	Bethel; MisU	S	P	2,810	12	AF		
856	0	10	0	x	x		39.4	x	Aux Vases; MisU	S	P	2,880	15	AF		
857	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,011	10	AC		
858	0	0	0	x	x		x	x	Rosiclare; MisL	SL	P	2,960	10	AC		
859	0	16	0	x	x		38.2	0.21	McClosky; MisL[s]	OL	P	3,000	6	AC		
860	0	25	0													
861	0	0	0	x	x		x	x	Pennsylvanian; Pen	S	P	400	20	x	Pen	421
862	0	1	0	x	x		35.8	0.17	Cypress; MisU	S	P	1,100	5	M	MisU	1,265
863	0	5	0	x	x		34.8	0.22	Pottsville; Pen	S	P	580	15	ML	MisL	1,001
864	0	1	0	x	x		x	x	Cypress; MisU	S	P	1,520	7	AL	MisL	1,932
865	0	0	0	x	x		x	x	McClosky; MisL	L	P	2,845	6	MF	MisL	2,938
866	0	0	0	x	x		38.5	x	McClosky; MisL	OL	P	3,145	5	AC	MisL	3,154
867	0	8	0												Dev	3,840
868	0	0	0	x	x		x	x	Lower O'Hara; MisU	L	P	2,170	5	AC		
869	0	5	0	x	x		x	x	Rosiclare; MisL	S	P	2,190	12	AC		
870	0	2	0	x	x		37.0	0.22	McClosky; MisL[s]	L	P	2,210	7	AC		
871	0	1	0													
872	0	34	0												MisL	2,283
873	0	32	0	x	x		x	x	Bethel; MisU	S	P	1,925	12	A		
874	0	1	0	x	x		x	x	Rosiclare; MisL[s]	S	P	2,120	12	AC		
875	0	1	0													
876	0	159	0												Dev	5,225
877				x	x		x	x	Pennsylvanian; Pen[25]	S	P	x	x	x		
878	0	76	0	x	x		31.7	0.25	Waltersburg; MisU	S	P	2,170	15	AL		
879	0	3	0	x	x		x	x	Tar Springs; MisU	S	P	2,240	12	AL		
880	0	20	0	x	x		32.0	x	Cypress; MisU	S	P	2,560	15	AL		
881				x	x		x	x	Paint Creek; MisU[25]	S	P	2,750	12	A		
882	0	14	0	x	x		39.0	x	Bethel; MisU	S	P	2,760	17	A		
883	0	15	0	x	x		x	x	Aux Vases; MisU	S	P	2,880	18	AL		
884				x	x		x	x	Lower O'Hara; MisL[25]	OL	P	2,950	8	AC		
885	0	1	0	x	x		x	x	McClosky; MisL[s]	OL	P	2,970	5	AC		
886	0	30	0													
887	0	2	0												MisL	2,320
888	0	1	0	x	x		32.0	x	Buchanan; Pen	S	P	1,510	14	AL		
889	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,063	11	AL		
890	0	187	0			G									Dev	5,481
891				x	x	G	x	x	Cypress; MisU[25]	S	P	2,705	22	A		
892	0	1	0	x	x		x	x	Paint Creek; MisU	S	P	3,040	20	A		
893				x	x		x	x	Bethel; MisU[25]	S	P	3,050	20	A		
894	0	96	0	x	x	G	38.0	0.15	Aux Vases; MisU	S	P	3,130	25	A		
895	0	20	0	x	x	G	38.4	0.22	Lower O'Hara; MisL	L	P	3,175	15	AC		
896	0	2	0	x	x		x	x	Rosiclare; MisL	SL	P	3,200	5	AC		
897	0	18	0	x	x	G	38.4	0.22	McClosky; MisL[s]	L	P	3,230	10	AC		
898	0	50	0													
899	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	3,222	16	x	MisL	3,483
900	0	0	25												Dev	3,133
901	0	0	4	x	x				Bridgeport; Pen	S	P	760	15	A		
902	0	0	21	x	x				Buchanan; Pen	S	P	1,100	12	A		
903	0	10	0	x	x		39.8	0.21	Bethel; MisU	S	P	1,760	22	A	MisL	1,960
904	0	45	0	x	x		40.0	0.23	"Trenton"; Ord	L	P	2,260	17	A	Ord	2,549
905	0	171	0	x	x		34.4	0.31	Cypress; MisU	S	P	1,580	16	A	Dev	3,457
906	0	11	0	x	x		34.0	0.23	Bethel; MisU	S	P	1,885	6	A	Dev	3,570
907	0	16	0	x	x		40.2	0.14	McClosky; MisL	L	P	2,830	8	A	MisL	2,935
908	0	110	0												MisL	3,460
909	0	29	0	x	x		37.0	0.17	Tar Springs; MisU	S	P	2,340	15	A		
910				x	x		x	x	Glen Dean; MisU[25]	L	P	2,390	8	A		
911	0	70	0	x	x		38.5	0.28	Cypress; MisU	S	P	2,590	14	A		
912	0	1	0	x	x		x	x	Bethel; MisU	S	P	2,784	24	A		

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
913			x	x	x		0	0	6	0	0
914									4	0	0
915	Sailor Springs East, *Clay*	1944	100	38,000	10,000		0	0	9	0	0
916	Salem, *Marion*	1938	9,600	198,055,000	5,905,000		0	0	2,455	1	12
917			x	x	x		0	0	485	0	1
918			x	x	x		0	0	152	0	0
919			x	x	x		0	0	9	0	0
920			x	x	x		0	0	552	1	0
921			x	x	x		0	0	0	0	0
922			x	x	x		0	0	8	0	0
923			6,200	34,753,000	371,000		0	0	541	0	9
924			x	~~82,675,000~~ 2,855,000	80,000		0	0	2	0	0
925									706	0	2
926	Samsville, *Edwards*	1942[49]	20	800	0		0	0	1	0	0
927	Samsville North, *Edwards*	1945	190	54,000	50,000		0	0	14	12	1
928	Sandoval West, *Clinton*	1946	10	5,000	5,000		0	0	1	1	0
929	Santa Fe, *Clinton*	1944	10	1,000	300		0	0	1	0	0
930	Schnell, *Richland*	1938	80	205,000	4,000		0	0	4	0	1
931	Seminary, *Richland*	1945	40	47,000	17,000		0	0	2	0	0
932	Sesser, *Franklin*	1942	60	79,000	15,000		0	0	5	0	2
933			x	x	x		0	0	4	0	2
934			x	x	x		0	0	0	0	0
935			x	x	x		0	0	0	0	0
936			x	x	x		0	0	0	0	0
937									1	0	0
938	Shattuc, *Clinton*	1945	20	6,000	3,000		0	0	2	0	0
939	Shawneetown, *Gallatin*	1945	10	500	300		0	0	1	0	0
940	Shelbyville, *Shelby*	1946	10	0	0		0	0	1	1	0
941	Sims, *Wayne*	1941	2,050	3,680,000	248,000		0	0	63	1	1
942			x	x	x		0	0	12	0	0
943			x	x	x		0	0			
944			x	x	x		0	0	0	0	0
945			x	x	x		0	0	33	1	1
946									18	0	0
947	Sorento, *Bond*	1938[50]	30	4,000	0		0	0	3	0	0
948	Stanford, *Clay*	1945	240	502,000	397,000		0	0	14	5	0
949			x	x	x		0	0	8	2	0
950			x	x	x		0	0	4	2	0
951									2	1	0
952	Stanford South, *Clay*	1946	200	67,000	67,000		0	0	15	15	0
953			x	x	x		0	0	12	12	0
954			x	x	x		0	0	0	0	0
955			x	x	x		0	0	3	3	0
956	Stewardson, *Shelby*	1939	80	70,000	10,000		0	0	6	1	0
957	Stokes-Brownsville, *White*	1939	2,320	4,035,000	1,941,000		0	0	174	89	3
958			x	x	x		0	0	2	2	0
959			x	x	x		0	0	2	0	0
960			x	x	x		0	0	85	65	0
961			x	x	x		0	0	9	5	0
962			x	x	x		0	0	11	0	2
963			x	x	x		0	0	11	0	0
964			x	x	x		0	0	7	0	0
965			x	x	x		0	0	5	2	0
966			x	x	x		0	0	10	9	0
967			x	x	x		0	0	17	2	0
968									15	4	1
969	Storms, *White*	1939	1,800	5,119,000	358,000		x	x	168	10	8
970			x	x	x		x	x	161	5	7
971			x	x	x		0	0	3	3	0
972			x	x	x		0	0	1	0	0
973			x	x	x		0	0	0	0	0
974			x	x	x		0	0	1	0	0
975									2	2	1
976	Stringtown, *Richland*	1941	210	228,000	22,000		0	0	7	0	0

[49] Abandoned 1942.
[50] Abandoned 1944.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation						Deepest Zone Tested[p] to End of 1946	
	Oil[26]															
	Flowing	Artificial Gas	Gas	Initial	Avg/End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
913	0	4	0	x	x		36.4	x	McClosky; MisL[8]	OL	P	3,000	5	A		
914	0	6	0													
915	0	6	0	x	x		x	x	Cypress; MisU	S	P	2,690	8	D	MisL	3,162
916	8	2,161	0			P									Prairie du Chien	5,655
917	0	378	0	x	x	P	38.2	0.19	Bethel; MisU	S	P	1,780	40	A		
918	0	91	0	x	x	P	38.6	0.21	Aux Vases; MisU	S	P	1,825	40	A		
919	0	7	0	x	x		x	x	Rosiclare; MisL	S	P	1,950	5	AL		
920	0	336	0	x	x	P	x	x	McClosky; MisL	OL	P	1,990	17	A		
921	0	2	0	x	x		x	x	St. Louis; MisL	L	P	2,100	x	A		
922	0	0	0	x	x		x	x	Salem; MisL	L	P	2,160	17	A		
923	3	322	0	x	x	P	42.1	0.28	Devonian; Dev	L	Cav	3,440	45	A		
924	4	40	0	x	x		x	x	"Trenton"; Ord[8]	L	Cav	4,500	50	A		
925	1	985	0													
926	0	0	0	x	x		x	x	Waltersburg; MisU	S	P	2,430	4	x	MisL	3,295
927	0	13	0	x	x		x	x	Bethel; MisU	S	P	2,880	6	A	MisL	3,203
928	0	1	0	x	x		x	x	Cypress; MisU	S	P	1,420	6	A	MisU	1,560
929	0	1	0	x	x		x	x	Cypress; MisU	S	P	950	19	x	Dev	2,512
930	0	3	0	x	x		37.0	0.19	McClosky; MisL	OL	P	3,000	6	AC	MisL	3,150
931	0	2	0	x	x		x	x	McClosky; MisL	L	P	3,200	3	AC	MisL	3,333
932	0	3	0												Dev	4,688
933	0	2	0	x	x		39.2	0.17	Aux Vases; MisU	S	P	2,700	7	x		
934	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	x	x	x		
935	0	0	0	x	x		x	x	Rosiclare; MisL[25]	S	P	2,836	16	x		
936	0	0	0	x	x		x	x	McClosky; MisL[25][8]	L	P	2,856	7	x		
937	0	0	0													
938	0	2	0	x	x		x	x	Cypress; MisU	S	P	1,280	7	AL	MisL	1,750
939	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,650	14	MF	MisL	2,837
940	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	1,830	10	A	MisL	2,002
941	0	60	0												MisL	3,487
942	0	17	0	x	x		40.4	0.20	Aux Vases; MisU	S	P	3,013	15	AL		
943				x	x		x	x	Lower O'Hara; MisL[25]	L	P	3,120	7	AC		
944	0	0	0	x	x		x	x	Rosiclare; MisL[25]	OL	P	3,140	7	AC		
945	0	34	0	x	x		x	x	McClosky; MisL[8]	OL	P	3,150	8	AC		
946	0	9	0													
947	0	0	0	x	x		35.4	x	Devonian; Dev	L	P	1,830	5	A	Dev	1,900
948	0	14	0												MisL	3,150
949	0	8	0	x	x		x	x	Rosiclare; MisL	OL	P	3,039	7	MC		
950	0	4	0	x	x		x	x	McClosky; MisL[8]	L	P	3,065	8	MC		
951	0	2	0													
952	0	15	0												MisL	3,205
953	0	12	0	x	x		x	x	Aux Vases; MisU	S	P	2,960	12	AL		
954	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	3,097	7	AC		
955	0	2	0	x	x		x	x	McClosky; MisL	L	P	3,097	7	AC		
956	0	6	0	x	x		37.8	0.18	Aux Vases; MisU	S	P	1,940	8	A	MisL	2,138
957	0	163	0												MisL	3,312
958	0	2	0	x	x		x	x	Palestine; MisU	S	P	2,085	2	MF		
959	0	1	0	x	x		x	x	Tar Springs; MisU	S	P	2,295	16	MF		
960	0	88	0	x	x		x	x	Hardinsburg; MisU	S	P	2,630	20	A		
961	0	9	0	x	x		x	x	Cypress; MisU	S	P	2,660	12	MF		
962	0	9	0	x	x		x	x	Paint Creek; MisU	S	P	2,800	22	AF		
963	0	10	0	x	x		x	x	Bethel; MisU	S	P	2,813	8	AF		
964	0	5	0	x	x		x	x	Aux Vases; MisU	S	P	2,890	15	AF		
965	0	2	0	x	x		x	x	Lower O'Hara; MisL	OL	P	3,035	5	AC		
966	0	7	0	x	x		x	x	Rosiclare; MisL	SL	P	3,120	6	AC		
967	0	17	0	x	x		35.8	0.26	McClosky; MisL[8]	OL	P	3,070	10	AC		
968	0	13	0													
969	0	144	x												MisL	3,173
970	0	135	x	x	x		32.1	0.28	Waltersburg; MisU	S	P	2,230	40	AL		
971	0	4	0	x	x		x	x	Tar Springs; MisU	S	P	2,340	10	AL		
972	0	2	0	x	x		x	x	Cypress; MisU	S	P	2,655	10	ALf		
973	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	3,015	5	AL		
974	0	0	0	x	x		x	x	Bethel; MisU[8]	S	P	2,805	14	ML		
975	0	2	0													
976	0	7	0	x	x		39.8	0.24	McClosky; MisL	OL	P	3,040	8	AC	MisL	3,080

TABLE 1—(*Continued*)

Line Number	Field, *County*[a]	Year of Discovery	Oil Production			Gas Production			Number of Oil and/or Gas Wells[f]		
			Area Proved, Acres[b]	Total Production, Bbl[c]		Area Proved, Acres[d]	Millions Cu Ft[e]			1946	
				To End of 1946	During 1946		To End of 1946	During 1946	Completed to End of 1946	Completed	Abandoned
977	Sumner, *Lawrence*	1944	20	7,000	2,000		0	0	1	0	0
978	Sumpter, *White*	1945	20	5,000	4,000		0	0	2	1	0
979	Tamaroa, *Perry*	1942	50	10,000	2,000		0	0	3	0	0
980	Thackeray, *Hamilton*	1944	500	1,201,000	658,000		0	0	43	4	0
981			x	x	x		0	0	43	4	0
982			x	x	x		0	0			
983			x	x	x		0	0			
984									0	0	0
985	Thompsonville, *Franklin*	1940	220	285,000	5,000		0	0	19	0	2
986	Thompsonville North, *Franklin*	1944	40	86,000	29,000		0	0	4	0	0
987	Toliver, *Clay*	1942[51]	40	6,000	0		0	0	1	0	0
988	Toliver East, *Clay*	1943	60	137,000	20,000		0	0	3	0	0
989	Tonti, *Marion*	1939	540	7,779,000	424,000		0	0	62	3	1
990			x	x	x		0	0	5	0	0
991			x	x	x		0	0	15	0	0
992			x	x	x		0	0			
993			x	x	x		0	0	34	3	0
994				1,580,000	30,000		0	0	6	0	1
995									2	0	0
996	Trumhull, *White*	1944	150	137,000	84,000		0	0	15	10	0
997			x	x	x		0	0	10	5	0
998			x	x	x		0	0	4	4	0
999			x	x	x		0	0	1	1	0
1000	Valier, *Franklin*	1942	20	2,000	0		0	0	1	0	0
1001	Waggoner, *Montgomery*	1940	40	8,000	1,000		0	0	4	0	0
1002	Wakefield, *Jasper*	1946	20	1,000	1,000		0	0	1	1	0
1003	Walpole, *Hamilton*	1941	1,240	3,524,000	423,000		0	0	69	0	0
1004			x	x	x		0	0	2	0	0
1005			x	x	x		0	0	67	0	0
1006	Waltonville, *Jefferson*	1943	60	50,000	15,000		0	0	4	0	0
1007	Waverly gas, *Morgan*	1946		0	0	80	0	0	2	2	0
1008				0	0	40	0	0	1	1	0
1009				0	0	40	0	0	1	1	0
1010	West End, *Hamilton, Saline*	1944	100	190,000	95,000		0	0	8	4	0
1011	West Frankfort, *Franklin*	1941	160	600,000	108,000		0	0	15	0	0
1012			x	x	x		0	0	14	0	0
1013			x	x	x		0	0	1	0	0
1014	West Frankfort South, *Franklin*	1943	120	315,000	49,000		0	0	8	0	0
1015			x	x	x		0	0	5	0	0
1016			x	x	x		0	0	3	0	0
1017	Whittington, *Franklin*	1939	100	67,000	10,000		0	0	3	0	0
1018			x	x	x		0	0	1	0	0
1019			x	x	x		0	0			
1020			x	x	x		0	0	1	0	0
1021									1	0	0
1022	Whittington West, *Franklin*	1943	60	20,000	8,000		0	0	3	0	0
1023			x	x	x		0	0	2	0	0
1024			x	x	x		0	0	1	0	0
1025	Willow Hill, *Jasper*	1944	360	368,000	207,000		0	0	13	6	1
1026			x	x	x		0	0	1	1	0
1027			x	x	x		0	0	12	5	1
1028	Willow Hill East, *Jasper*	1946	80	29,000	29,000		0	0	4	4	0
1029	Willow Hill North, *Jasper*	1945	40	17,000	8,000		0	0	2	0	0
1030	Woburn, *Bond*	1940	210	516,000	32,000		0	0	28	0	0
1031	Woodlawn, *Jefferson*	1940	1,500	9,658,000	794,000		0	0	153	0	11
1032			x	x	x		0	0	2	0	1
1033			x	x	x		0	0	151	0	10
1034			x	x	x		0	0	0	0	0
1035			x	x	2,000		0	0	0	0	0
1036									0	0	0
1037	Xenia, *Clay*	1941	20	19,000	2,000		0	0	1	0	0
1038	Total for fields after Jan. 1, 1937[52]		199,770	783,458,000	70,212,000	12,120	6,923.5	336	16,570	1,310	348
1039	Total for Illinois[52]		305,795	1,254,235,000	75,297,000	12,125	9,381.2	352	37,515	1,381[53]	739

[51] Abandoned 1944.

[52] Total from U.S. Bureau of Mines monthly report.

[53] Does not include wildcats which were completed as oil or gas wells but were too small to be considered pool openers.

TABLE 1—(*Continued*)

Line Number	Wells Producing[g] Dec. 1946			Reservoir Pressure, Psi[2]		Secondary Recovery[h]	Character of Oil[i]		Producing Formation					Deepest Zone Tested[p] to End of 1946	
	Oil[26]														
	Flowing	Artificial Lift	Gas	Initial	Avg./End 1946		Gravity API at 60°F[3]	Sulphur, Pct	Name and Age[j]	Character[k]	Porosity, Pct[l]	Depth to Top of Producing Zone, Ft[m]	Productive Thickness, Avg Ft,[n] Net	Structure[o]	Name	Depth of Hole, Ft
977	0	1	0	x	x		x	x	McClosky; MisL	L	P	2,261	4	MC	MisL	2,365
978	0	2	0	x	x		x	x	Tar Springs; MisU	S	P	2,567	15	x	MisU	3,379
979	0	2	0	x	x		x	x	Cypress; MisU	S	P	1,125	10	AL	MisL	1,630
980	0	43	0												MisL	3,620
981	0	40	0	x	x		x	x	Aux Vases; MisU	S	P	3,390	15	AL		
982				x	x		x	x	Lower O'Hara; MisL[25]	L	P	3,460	5	AC		
983				x	x		x	x	McClosky; MisL[25] s	L	P	3,535	7	AC		
984	0	3	0													
985	0	2	0	x	x		37.8	0.16	McClosky; MisL	L	P	3,120	12	A	MisL	3,455
986	0	4	0	x	x		x	x	Aux Vases; MisU	S	P	3,122	26	AL	MisL	3,356
987	0	0	0	x	x		37.1	x	McClosky; MisL	OL	P	2,790	10	MC	MisL	2,890
988	0	3	0	x	x		x	x	McClosky; MisL	OL	P	2,840	8	MC	MisL	2,946
989	0	59	0												Ord	4,900
990	0	4	0	x	x		39.0	x	Bethel; MisU	S	P	1,930	20	D		
991	0	12	0	x	x		39.0	x	Aux Vases; MisU	S	P	2,005	30	D		
992				x	x		x	x	Rosiclare; MisL[25]	S	P	2,115	3	D		
993	0	29	0	x	x		39.4	0.21	McClosky; MisL	OL	P	2,130	15	D		
994	0	4	0	x	x		x	x	Devonian; Dev s	L	Cav	3,500	7	D		
995	0	10	0												MisL	3,355
996	0	15	0													
997	0	10	0	x	x		x	x	Cypress; MisU	S	P	2,830	8	A		
998	0	4	0	x	x		x	x	Aux Vases; MisU	S	P	3,150	7	A		
999	0	1	0	x	x		x	x	Rosiclare; MisL	L	P	3,262	8	x		
1000	0	0	0	x	x		x	x	McClosky; MisL	L	P	2,715	8	ML	MisL	2,725
1001	0	1	0	x	x		28.0	0.21	Pottsville; Pen	S	P	610	10	x	Dev	1,893
1002	0	1	0	x	x		x	x	Rosiclare; MisL	L	P	3,122	12	x	MisL	3,184
1003	0	68	0												MisL	3,331
1004	0	2	0	x	x		36.1	x	Tar Springs; MisU	S	P	2,465	15	AL		
1005	0	66	0	x	x		38.4	0.13	Aux Vases; MisU	S	P	3,070	20	A		
1006	0	3	0	x	x		37.8	0.14	Bethel; MisU	S	P	2,465	12	A	MisL	2,769
1007	0	0	2												Ord	1,543
1008	0	0	1	x	x				Pennsylvanian; Pen	S	P	250	13	A		
1009	0	0	1	x	x				Devonian-Silurian	L	P	980	9	A		
1010	2	6	0	x	x		x	x	Aux Vases; MisU	S	P	3,130	14	ML	MisL	3,419
1011	0	15	0												MisL	2,995
1012	0	14	0	x	x		38.4	0.13	Tar Springs; MisU	S	P	2,050	15	A		
1013	0	1	0	x	x		x	x	Aux Vases; MisU	S	P	2,700	15	AL		
1014	0	8	0												MisL	3,156
1015	0	5	0	x	x		40.4	0.12	Tar Springs; MisU	S	P	2,035	15	A		
1016	0	3	0	x	x		37.2	0.23	Lower O'Hara; MisL	L	P	2,765	8	AC		
1017	0	2	0												MisL	3,130
1018	0	1	0	x	x		38.6	0.12	Cypress; MisU	S	P	2,540	10	A		
1019				x	x		37.6	0.24	McClosky; MisL[25]	L	P	2,870	5	AC		
1020	0	0	0	x	x		37.6	0.24	St. Louis; MisL s	L	P	3,060	7	AC		
1021	0	1	0													
1022	0	3	0												MisL	2,942
1023	0	2	0	x	x		x	x	Aux Vases; MisU	S	P	2,680	20	AL		
1024	0	1	0	x	x		x	x	Lower O'Hara; MisL	L	P	2,752	20	AC		
1025	0	12	0												MisL	2,742
1026	0	1	0	x	x		x	x	Rosiclare; MisL	L	P	2,660	3	MC		
1027	0	11	0	x	x		x	x	McClosky; MisL	L	P	2,665	5	MC		
1028	0	4	0	x	x		x	x	McClosky; MisL	L	P	2,645	9	x	MisL	2,742
1029	0	2	0	x	x		x	x	McClosky; MisL	L	P	2,599	5	MC	MisL	2,702
1030	0	27	0	x	x		36.4	0.20	Bethel; MisU	S	P	1,010	11	A	Dev	2,476
1031	0	126	0												Dev	3,746
1032	0	4	0	x	x		x	x	Cypress; MisU	S	P	1,800	10	AL		
1033	0	102	0	x	x		38.4	0.16	Bethel; MisU	S	P	1,960	25	A		
1034	0	9	0	x	x		x	x	Aux Vases; MisU	S	P	1,976	10	A		
1035	0	1	0	x	x		x	x	Devonian; Dev s	L	Cav	3,700	1	A		
1036	0	5	0													
1037	0	1	0	x	x		35.2	0.19	Aux Vases; MisU	S	P	2,785	12	A	Dev	4,970
1038	87	14,197	33													
1039	87	25,533	42													

TABLE 2—*Important Wells Drilled in Illinois in* 1946

	Pool, *County*	Company and Farm	Location	Total Depth, Ft	Producing Formation	Depth to Top, Ft	Initial Production Bbl [a]	Date of Completion or Discovery Well	Number of Wells Producing in Field Dec. 31 1946
	A. Discovery Wells of New Fields								
1	Beaver Creek South, *Clinton*	J. L. Garard, Vieregge-Mahlaodt 1	7-3N-2W	1,146	Bethel	1,131	17; 42	10-22-46	1
2	Boos East, *Jasper*	Secure Oil, C. L. Ireland 1	11-6N-10E	2,673	Rosiclare; McClosky 1	2,657; 2,672	66; 4	11-12-46	2
3	Browns East, *Wabash*	Magnolia, W. J. Pfeiffer 1	11-2S-14W	3,050	Cypress	2,596	12; 34	10-1-46	5
4	Clarkshurg, *Shelby*	Sohio, Fleoner 1	17-10N-4E	1,788	Bethel	1,774	12; 16	8-13-46	1
5	Concord North, *White*	C. E. Brehm, Callicotte 1	10-6S-10E	2,960	Aux Vases	2,950	248	10-15-46	4
6	Cooks Mills North, *Coles*	Nolan, Coombs Est. 1	23-14N-7E	1,795	Rosiclare	1,771	12	6-11-46	1
7	Covington East, *Wayne*	K and B. Drill, Smith 1	21-1S-7E	3,323	Aux Vases	3,144	73	8-13-46	8
8	Crossville, *White*	Inland Prod., Rister 1	15-4S-10E	3,164	McClosky	3,123	18; 10	10-15-46	1
9	Epworth East, *White*	Alleo, Hanna 1	28-5S-10E	2,743	Cypress	2,706	50	6-11-46	2
10	Flora South, *Clay*	Deep Rock, Giveo 1	4-2N-6E	2,988	McClosky	2,978	189	2-5-46	2
11	Friendsville Central, *Wabash*	G. Eugle, D. Wilkinson 1	14-1N-13W	2,344	Bethel	2,321	40; 5	9-3-46	1
12	Frieodsville North, *Wabash*	Heldt, Smith 1	12-1N-13W	2,539	Biehl	1,644	8	6-25-46	10
13	Hidalgo North, *Cumberland*	Central Pipe Line, S. Meyers 1	36-9N-9E	2,776	Rosiclare	2,648	15	6-25-46	1
14	Hoosier, *Clay*	N. V. Duocao, J. Leooard 1-A	2-4N-7E	3,007	Cypress	2,550	145; 7	1-22-46	10
15	Hoosier North, *Clay*	Eason Oil, N.E. Gibson 1	35-5N-7E	2,823	Aux Vases	2,803	30	10-8-46	1
16	Juoction North, *Gallatin*	J. Reznik, A. Valter 1	3-9S-9E	2,749	Aux Vases	2,726	8; 24	10-8-46	1
17	Laocaster Central, *Wabash*	S. Malis, W. Fite 1	7-1N-13W	2,824	Rosiclare	2,813	900	11-5-46	4
18	Lancaster South, *Wabash*	S. Malis, Litherland 1	20-1N-13W	2,809	McClosky	2,720	160; 10	10-1-46	1
19	Lillyville, *Cumberland*	Natl Assoc. Petr. Krogmann 1	31-9N-7E	2,454	McClosky	2,450	140	8-27-46	3
20	Massiloo, *Wayne*	Texas, E. Hines "C" 1	1-1S-9E	3,262	Lower O'Hara	3,254	192	12-10-46	2
21	Maud North, *Wabash*	Hayes aod Wolfe, Smith 1	17-1S-13W	2,806	Bethel	2,606	26; 26	10-8-46	5
22	Omaha East, *Gallatin*	Deep Rock, Pioneer Trust Bk. 1	2-8S-8E	2,980	Lower O'Hara	2,853	19	4-23-46	1
23	Omega, *Marion*	Doran and Delta, Millican Est. 1	16-3N-4E	2,499	McClosky	2,488	59	12-31-46	1
24	Richview, *Washington*	Natl Consumers Oil, Koelling-Pitchford 1	10-2S-1W	1,532	Cypress	1,520	31	8-6-46	1
25	Ridgway, *Gallatin*	Wiser Oil, Mitsdarffer 1	24-8S-8E	2,938	McClosky	2,842	21	9-17-46	0
26	Sandoval West, *Clinton*	Dorao, Thomas 1	13-2N-1W	1,423	Cypress	1,417	22; 96	5-14-46	1
27	Shelhyville, *Shelby*	Britton, Kensil Heirs 1	21-11N-4E	1,855	Aux Vases	1,830	2; 3	12-17-46	1
28	Stanford South, *Clay*	T. B. Dirickson, Howell 1	9-2N-7E	3,205	Aux Vases	2,959	175	6-11-46	15
29	Wakefield, *Jasper*	J. W. Rudy, Dewhirst 1	16-5N-9E	3,184	Rosiclare	3,122	40; 52	10-29-46	1
30	Waverly, *Morgan*	Ladet, Stenemeycr 1	22-13N-8W	265	Pennsylvanian	256	1,700,000 cu ft	8-20-46	2
31	Willow Hill East, *Jasper*	Pure and Carter, Dodd 1	6-6N-11E	2,732	McClosky	2,642	100	2-26-46	4
	B. Discovery Wells of Extensions to Pools								
1	Aden South, *Hamilton*	Weinert, Hall 1	29-3S-7E	3,446	Aux Vases; Rosiclare	3,249; 3,335	26; 80	6-11-46	
2	Bartelso West, *Clinton*	Goldschoidt, Locpker 1	19-1N-3W	963	Cypress	938	10; 15	10-1-46	
3	Boos North, *Jasper*	Lynn, Houser-Sears 1	21-6N-10E	2,812	McClosky	2,800	117	11-19-46	
4	Browns, *Wabash*	Gilliam aod Aspio, H. L. Hering 1	27-1S-14W	2,971	Lower O'Hara	2,965	240	11-12-46	
5	Browns East, *Wabash*	Magnolia, J. Hirschelman Unit 1	14-2S-14W	2,582	Cypress	2,575	300	12-31-46	
6	Brownsville, *White*	McBride, Pryor 1	32-5S-9E	3,180	Lower O'Hara	3,099	5; 20	2-26-46	

7	Brownsville, *White*	Pure, Adams "A" 1	6-6S-9E	3,170	Rosiclare	3,097	100; 118	2-19-46
8	Bungay Consol., *Hamilton*	Magnolia, Rohrer 1	23-4S-7E	3,290	Aux Vases	3,273	27; 3	6-11-46
9	Calhoun Consol., *Richland*	Pure, Howard 1	13-2N-9E	3,170	McClosky	3,147	1,305	4-9-46
10	Cisne, *Wayne*	Lynn, Dye 1	2-1S-7E	3,166	McClosky	3,148	256	3-12-46
11	Clay City Consol., *Clay*	Robinson and Puckett, S. Bates 1	14-2N-8E	3,035	Rosiclare	3,018	1,322	10-1-46
12	Clay City Consol., *Wayne*	Redwine, C. E. Downer 1	31-1N-8E	3,216	Lower O'Hara	3,122	115	7-9-46
13	Clay City Consol., *Wayne*	Slagter, Crisman 1	32-1N-8E	3,153	Aux Vases	3,054	277	7-16-46
14	Clay City Consol., *Wayne*	Slagter, Trotter 1	20-1N-8E	3,100	McClosky	3,096	66; 7	8-27-46
15	Clay City Consol., *Wayne*	Slagter, R. Pierce 1	22-2N-8E	3,052	McClosky	3,029	432	8-27-46
16	Clay City Consol., *Wayne*	Ill. Mid-Cont., H. Miller 1	13-1N-7E	3,148	Rosiclare	3,108	30; 70	9-17-46
17	Clay City Consol., *Wayne*	Slagter, Gray 1	16-1S-8E	3,281	Aux Vases	3,104	38	9-10-46
18	Clay City Consol., *Wayne*	Redwine, M. A. Brown 1	31-2N-9E	3,109	McClosky	3,059	6	11-19-46
19	Clay City Consol., *Wayne*	McCall and Cline, Atterberry 1	14-1N-7E	3,140	Aux Vases	3,016	8; 24	12-17-46
20	Covington East, *Wayne*	Nation, Gallagher 1	16-1S-7E	3,236	McClosky	3,219	10; 50	10-15-46
21	Epworth East, *White*	Allen, Williams 1	33-5S-10E	3,126	Aux Vases	3,002	24; 36	9-10-46
22	Friendsville North, *Wabash*	Leavitt, A. L. Gher 1	1-1N-13W	1,621	Biehl	1,607	83	7-23-46
23	Gallagher, *Richland*	Pure, Gallagher 1	12-2N-9E	3,181	McClosky	3,166	786	4-9-46
24	Goldengate Consol., *Wayne*	Fulk, L. B. Ellis 1	29-2S-9E	3,477	Rosiclare	3,408	30; 25	12-3-46
25	Herald, *White*	Oil Management, Williams 1	14-7S-9E	2,882	Aux Vases	2,863	108; 2	8-27-46
26	Hoosier, *Clay*	Robinson and Puckett, Roley 1	11-4N-7E	2,934	Rosiclare	2,916	205	6-25-46
27	Hoosier, *Clay*	K-B Drill., Hastings 1	12-4N-7E	2,638	Cypress	2,603	25	4-30-46
28	Ingraham West, *Clay*	Brinkerhoff, O. A. Barlow 2	11-5N-7E	2,539	Cypress	2,515	165	11-19-46
29	Ingraham West, *Clay*	Gilliam and Aspin, H. D. Lewis 1	15-5N-7E	2,941	McClosky	2,870	15; 35	8-27-46
30	Iron, *White*	Natl Assoc. Petr., Fisher 1	13-6S-8E	2,339	Tar Springs	2,328	84; 20	7-2-46
31	Johnsonville West, *Wayne*	Deep Rock, Ulysses 1	30-1N-6E	3,178	McClosky	3,151	71	7-2-46
32	Johnsonville West, *Wayne*	Deep Rock, Spicer 1	25-1N-5E	3,086	McClosky	3,072	12	5-7-46
33	Keenville, *Wayne*	Markham, Keeler-Ellis 1	21-1S-5E	3,126	McClosky	3,118	29; 9	7-30-46
34	Keenville, *Wayne*	Mitchell, Cornstubble 1	27-1S-5E	2,973	Aux Vases	2,960	175; 300	2-12-46
35	Lawrence, *Lawrence*	Zanetis, American Natl Bank 1	23-3N-11W	1,942	McClosky	1,849	18; 3	7-23-46
36	Marine, *Madison*	Loper, M. Reding 1	14-4N-6W	1,793	Silurian	1,759	80; 170	11-5-46
37	Markham City West, *Jefferson*	Gulf, Green 1	10-3S-4E	3,056	McClosky	3,031	128; 15	9-17-46
38	Markham City West, *Jefferson*	Brehm, Modglin 1	34-2S-4E	3,092	McClosky	3,061	12; 50	5-14-46
39	Mason South, *Clay*	Lynch, Wright 1	3-5N-5E	2,521	McClosky, Rosiclare	2,439; 2,425	28; 1	9-24-46
40	Mattoon, *Coles*	Natl Consumers, Arthur 1	2-12N-7E	1,962	Rosiclare	1,934	22; 27	2-26-46
41	Maud North, *Wabash*	Hayes and Wolfe, Mayer 1	8-1S-13W	2,578	Bethel	2,550	140	11-5-46
42	Maunie North, *White*	Thompson, E. Bruggen 1	13-5S-10E	3,207	McClosky	3,192	20	10-1-46
43	Mt. Auburn, *Christian*	Wrather, Thompson 1	15-15N-2W	1,896	Silurian	1,870	31; 42	4-9-46
44	New Harmony-Griffin Consol., *White*	Superior, H. C. Ford 27	8-5S-14W	3,007	McClosky	2,935	400	8-20-46
45	Newton, *Jasper*	Menhall, J. Eaton 1	13-6N-9E	2,943	Rosiclare	2,939	168	9-10-46
46	Panama, *Bond*	Bond Co. Gas, Harwood 2	36-7N-4W	753	Pennsylvanian	735	2,000,000 cu ft	12-2-46
47	Parkersburg Consol., *Richland*	Slagter, Fisher 1	4-2N-14W	3,150	McClosky	3,125	6; 60	9-10-46
48	Roland, *White*	Sun Oil, Okerson 1	9-7S-8E	3,114	McClosky	3,018	12; 36	4-23-46
49	St. Francisville East, *Lawrence*	Bauer, Brevoort 1	10-2N-11W	1,852	Bethel	1,701	10	9-10-46
50	Sailor Springs Consol., *Clay*	K-B Drill., Patton 1	21-3N-7E	3,080	Bethel	2,784	8; 25	7-9-46
51	Samsville North, *Edwards*	Central Pipe Line, Tarpley 2	31-1N-14W	2,940	Bethel	2,934	70; 8	6-25-46
52	Springerton, *Hamilton*	Sohio, Thomas 1	11-4S-7E	3,504	Aux Vases	3,270	8; 1	2-19-46
53	Stanford South, *Clay*	Rudy, O. Tackett 1	8-2N-7E	3,087	McClosky	3,080	11; 12	9-10-46
54	Stokes, *White*	Pure and Carter, E. S. Munsey 1	8-6S-9E	3,205	Hardinsburg	2,555	169	1-15-46
55	Storms, *White*	Sinclair and Ohio, Holderby 4	12-6S-9E	3,141	Tar Springs, Waltersburg	2,320; 2,251	9; 20	12-31-46
56	Trumbull, *White*	Lewis, Nibling 1	7-5S-9E	3,270	Rosiclare	3,260	146; 10	11-12-46
57	Trumbull, *White*	Lewis, Bingham 1	17-5S-9E	3,173	Aux Vases	3,162	65; 144	8-27-46
58	Willow Hill, *Jasper*	Lynn, Hippler 1	27-7N-10E	2,776	McClosky	2,668	60	4-23-46

[a] Oil and water.

TABLE 2—(*Continued*)

	Pool, *County*	Company and Farm	Location	Total Depth, Ft	Producing Formation	Depth to Top, Ft	Initial Production Bbl[a]	Date of Completion of Discovery Well	Number of Wells Producing in Field, Dec. 31, 1946
	C. Discovery Wells of Additional Producing Zones in Pools								
1	Aden South, *Hamilton*	Weinert, Hall 1	29-3S-7E	3,446	Aux Vases	3,249	26; 80[b]	6-11-46	
2	Aden South, *Hamilton*	Weinert, Hall 1	29-3S-7E	3,446	Rosiclare	3,335	26; 80[b]	6-11-46	
3	Benton, *Franklin*	Shell, Doty 1	25-6S-2E	2,162	Degonia	1,737	72; 146[b]	5-21-46	
4	Browns, *Wabash*	Gilliam and Aspin, H. L. Hering 1	27-1S-14W	2,971	Lower O'Hara	2,965	240	11-12-46	
5	Covington East, *Wayne*	Tex Harvey, Marshall Smith 1	21-1S-7E	3,260	Lower O'Hara	3,208	60; 10[b]	10-8-46	
6	Cowling, *Edwards*	G. H. Wickham, Schroeder 5	27-2S-14W	2,239	Tar Springs	2,229	50	7-9-46	
7	Epworth East, *White*	W. O. Allen, J. Williams 1	33-5S-10E	3,126	Aux Vases	3,002	24; 36	9-10-46	
8	Geff, *Wayne*	Robinson and Puckett, Haymes 1	1-1S-7E	3,188	Lower O'Hara	3,140	5[b]	10-1-46	
9	Herald, *White*	Oil Management, J. J. Harrell 1	14-7S-9E	2,972	Lower O'Hara	2,962	243	10-8-46	
10	Herald, *White*	Pure Oil, Austin Consol. "B" 1	34-6S-9E	3,160	Rosiclare	3,005	37; 61	6-4-46	
11	Hoosier, *Clay*	K-B Drill., Stanley 1	11-4N-7E	3,003	Aux Vases	2,842	55; 125	7-30-46	
12	Hoosier, *Clay*	N. V. Duncan, Gibson 1	2-4N-7E	2,984	Rosiclare	2,894	264	5-28-46	
13	Ingraham West, *Clay*	Cities Service, Wyatt 5	13-5N-7E	2,946	Aux Vases	2,762	150	7-9-46	
14	Ingraham West, *Clay*	Kingwood, Wyatt 1	14-5N-7E	2,938	Bethel	2,680	102; 94[c]	2-12-46	
15	Ingraham West, *Clay*	Cities Service, Wyatt 1	13-5N-7E	2,950	Rosiclare	2,842	764	1-15-46	
16	Keenville, *Wayne*	Wiser, Keen 1	28-1S-5E	3,129	Lower O'Hara	3,060	150; 75	7-9-46	
17	Markham City West, *Jefferson*	Brehm, Modglin 1	34-2S-4E	3,092	McClosky	3,061	12; 50	5-14-46	
18	Mt. Carmel, *Wabash*	First Natl. Petr. Trust, Shaw-Courter 2-A	7-1S-12W	1,390	Bridgeport	1,368	13	7-2-46	
19	Newton, *Jasper*	Menhall, James Eaton 1	13-6N-9E	2,943	Rosiclare	2,939	168	9-10-46	
20	Nohle North, *Richland*	Pure Oil, L. A. Wasson 3	27-4N-9E	2,990	Rosiclare	2,958	60; 19	6-11-46	
21	Olney East, *Richland*	Texas, R. Scherer 2	23-4N-10E	3,062	Lower O'Hara	3,048	16[b]	10-8-46	
22	Olney East, *Richland*	Texas, R. Scherer 2	23-4N-10E	3,062	Rosiclare	3,053	16[b]	10-8-46	
23	Stanford South, *Clay*	Texas, E. Kitley 2	16-2N-7E	3,109	McClosky	3,097	33	9-10-46	
24	Stokes, *White*	Pure and Carter, E. S. Munsey 1	8-6S-9E	3,205	Hardinsburg	2,555	169	1-15-46	
25	Stokes-Brownsville, *White*	Winfrey Drill., Spence 2	17-6S-9E	2,108	Palestine	2,084	16; 40	8-20-46	
26	Storms, *White*	Sinclair and Ohio, Riechen 2	1-6S-9E	3,030	Aux Vases	3,014	220; 10[b]	5-21-46	
27	Storms, *White*	Sinclair and Ohio, Aldrich 1	1-6S-9E	2,366	Tar Springs	2,354	42	4-30-46	
28	Thackeray, *Hamilton*	Ryford Oil, V. Johnson 3	10-5S-7E	3,598	Lower O'Hara	3,459	19; 16	7-23-46	
29	Thackeray, *Hamilton*	Ryford Oil, V. Johnson "A" 1	10-5S-7E	3,550	McClosky	3,535	128; 10	6-25-46	
30	Trumbull, *White*	Pure Oil, W. T. Hall 1	19-5S-9E	3,158	Aux Vases	3,150	57; 13	7-30-46	
31	Trumbull, *White*	W. I. Lewis, Nihling 1	7-5S-9E	3,270	Rosiclare	3,260	146; 10	11-12-46	
32	Waverly, *Morgan*	L. M. Ladet, McMahon 1	22-13N-8W	1,543	Devonian	980	1,270,000 cu ft	12-17-46	
33	Willow Hill, *Jasper*	Secure Oil, L. Mascher 1	3-6N-10E	2,673	Rosiclare	2,661	255	12-10-46	

[b] Dual completion.
[c] Triple completion.

TABLE 2—(*Continued*)

Pool, *County*	Company and Farm	Location	Total Depth, Ft	Deepest Formation	Depth to Top, Ft	Date of Completion
D. Selected List of Dry Tests						
Bond	Sohio, Mohme 1	14-6N-5W	2,668	Trenton	2,608	8-13-46
Bond	Sohio, Long 1	26-6N-5W	2,768	Trenton	2,623	11-19-46
Mattoon, *Coles*	S. H. and K. Drill., Strong 1	22-12N-7E	3,191	Devonian	3,111	8-6-46
Coles	Obering, Biemer 1	26-14N-7E	2,888	Devonian	2,873	10-15-46
Crawford	Natl Assoc. Petr., Stifle 1	6-6N-11W	3,281	Devonian	2,878	8-20-46
Cumberland	Natl Assoc. Petr., Handley 1	26-10N-7E	3,815	Devonian	3,670	9-17-46
Lillyville,[d] *Cumberland*	Natl Assoc. Petr., Krogman 3	31-9N-7E	4,000	Devonian		12-31-46
Rural Hill, *Hamilton*	Shell, Nohava 4	13-6S-5E	5,481	Devonian	5,104	12-10-46
Boyd, *Jefferson*	Superior, Friedrich 19	19-1S-2E	3,870	Devonian	3,737	4-9-46
McLean	Minnesota Prod., McGowan 1	33-24N-5E	3,510	Trempealeau	3,260	9-3-46
Madison	Jarvis and Marcell, Hitz 1	8-5N-5W	2,797	Trenton	2,692	6-25-46
Tonti,[e] *Marion*	Harvey, Kagy 11	33-3N-2E	4,900	Trenton	4,769	1-15-46
Waverly,[f] *Morgan*	Ladet, McMahan 1	22-13N-8W	1,543	Trenton	1,400	12-17-46
St. Clair	Young, McCurdy 6	29-3S-6W	2,368	Maquoketa	2,312	2-12-46

[d] Plugged back to McClosky oil.
[e] Plugged back to Devonian oil.
[f] Plugged back to Devonian gas.

the largest number of wells at the end of the year were in Clay, Wabash, and Wayne Counties.

The average depth of wells drilled for oil or gas in the state in 1946 was 2508 ft, considerably less than the 2637-ft average in 1945.

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	2,541	2,010	19,771	4,304	24,075
1939	3,675	2,970	90,908	4,004	94,912
1940	3,829	3,080	142,969	4,678	147,647
1941	3,838	2,925	128,993	5,145	134,138
1942	2,016	1,179	101,837	4,753	106,590
1943	1,792	1,087	77,581	4,675	82,256
1944	1,991	1,229	72,946	4,467	77,413
1945	1,763	1,094	70,839	4,371	75,210
1946: Jan.	154	93	5,982	412	6,394
Feb.	134	92	5,508	374	5,882
Mar.	157	97	6,015	428	6,443
Apr.	232	134	5,808	424	6,232
May	149	99	6,127	454	6,581
June	236	141	5,784	416	6,200
July	193	112	6,002	451	6,453
Aug.	182	118	5,794	443	6,237
Sept.	276	152	5,801	413	6,214
Oct.	206	112	6,084	466	6,550
Nov.	214	113	5,583	423	6,006
Dec.	229	124	5,686	419	6,105
Total	2,362	1,387[e]	70,174	5,123	75,297

[a] Includes only oil and gas producers and dry holes.
[b] Production figures based on information furnished by oil companies and pipe line companies.
[c] Includes Devonian production at Sandoval and Bartelso.
[d] From the U. S. Bureau of Mines.
[e] Includes 17 wells previously completed as dry and abandoned.

The year 1946 opened with drilling concentrated in the Mattoon pool in Coles County, with about one third of the active operations in the state located in that pool. By the end of July, activity had begun moving back into the basin, and the year ended with drilling scattered throughout the basin and Wabash County taking the lead.

Successful development of the Mattoon pool led to a great increase in wildcat drilling north of the Illinois basin area. Of the 31 new pools discovered during 1946, four oil pools and the one gas pool are north of the main area of production, and one pool, Cooks Mills North, is the northernmost Mississippian production in the state.

Productive Acreage

The area of proved production in the new fields (discovered since 1936) increased from 189,630 acres at the end of 1945 to 201,890 acres at the end of 1946 (Table 1), an increase of 12,260 acres. Of this increase in area, 1350 acres are in fields discovered during 1946 and 10,810 acres are in developments and extensions of fields discovered earlier.

Reserves

It is estimated that 53,900,000 bbl of oil reserves were found by wells drilled in Illinois in 1946. Of this amount, 11,100,000 bbl were produced during the year, leaving 42,800,000 bbl of new reserves added as of Jan. 1, 1947.

The reduction in total reserves during 1946, that is, the total production minus the new oil discovered (75,297,000–53,900,000) was thus approximately 21,400,000 bbl.

Total proved reserves as of Jan. 1, 1947, are estimated by the Illinois State Geological Survey at 501,800,000 bbl. This figure represents future recovery from existing wells by production methods now in use in each area.

This estimate is based on a recent review of production records and other pertinent data by pools. For several years reserve estimates by the Survey have been changed only with regard to new drilling, without revising older estimates of reserves proved by previous drilling. As compared with the figure of 340,000,000 bbl used in 1946, the new estimate includes a net upward revision of approximately 172,000,000 bbl, an addition of somewhat more than 10,000,000 bbl made available by extensions of secondary recovery

methods and the net reduction during 1946 of 21,400,000 bbl noted above.

Economic Data

Prices for crude oil in Illinois at the beginning of 1946 were $1.22 per barrel in the old Southeastern Illinois field, and $1.37 per barrel in the rest of the state. There were three increases in price during the year: a 10 cents per barrel increase on April 1, 25 cents on July 25, and 10 cents on November 15. The value (at the wells) of the crude oil produced in Illinois in 1946, exclusive of premium payments, is estimated to be $116,735,000.00.

At the beginning of the year, price premiums of 20 cents, 25 cents, and 35 cents per barrel (depending upon average production per well per day by pools) were being paid by the Reconstruction Finance Corporation for crude oil produced from stripper wells in 69 pools in Illinois. These rates of premium payments continued unchanged up to July 25. As provided by congressional action the premiums were then reduced by the amount of the price rise of 25 cents per barrel, thus eliminating the premiums for the wells formerly receiving 20 and 25 cents per barrel and reducing it to 10 cents per barrel for the wells formerly receiving 35 cents per barrel. These latter wells were eliminated from premium payments by the price rise of 10 cents per barrel, Nov. 15, 1946.

Preliminary figures on the amounts of the price premiums paid by the Reconstruction Finance Corporation on oil produced from stripper wells in Illinois in 1946[1] are shown in the following table:

Premium per Bbl	Amount of Oil, Bbl	Total Premium
$0.35	3,015,773	$1,055,514
0.25	2,394,772	598,729
0.20	1,922,115	384,423
0.10	1,572,340	157,234
	8,905,000	$2,195,900

The production of crude petroleum during 1946 in Illinois, amounting to 75,297,000 bbl, is 25.1 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 Dec. 31, 1946, were 15,958,000 bbl as compared with 16,066,000 bbl on Dec. 31, 1945. Stocks of refined products in the Central Refining district on Dec. 31,

Table 4—*Wildcat Wells Drilled in Illinois in* 1946, *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	55	252	27	548	82	15.0
Seismograph	4	1	1	1	5	2	40.0
Geology and seismograph	11	2	28	3	39	5	12.8
	311	58	281	31	592	89	15.0
Nonscientific	2	0	35	0	37	0	0.0
Unknown	1	0	3	0	4	0	0.0
Total	314	58	319	31	633	89	14.0

[a] One half mile to two miles from production.
[b] More than two miles from production.

[1] Personal communication, Mar. 24, 1947, Erwin H. Pollack, Office of Price Administration, Washington, D.C.

TABLE 5—*Summary of Drilling and Initial Production in Illinois for* 1946[a]

County	Number of Wells Drilled in 1946			Total Initial Production		Footage Drilled in 1946	
	Total Completions	Total Producing		Oil, Bbl	Gas, Millions Cu Ft	Total	Producing Wells
		Oil	Gas				
Adams	1	0	0	0	0	570	0
Bond	12	0	1	0	2.000	20,589	753
Brown	1	0	0	0	0	850	0
Champaign	3	0	0	0	0	1,712	0
Christian	7	1	0	31	0	12,889	1,896
Clark	8	2	0	6	0	12,641	2,124
Clay	186	108	0	16,687	0	534,157	298,225
Clinton	53	22	0	431	0	72,543	25,015
Coles	378	299	0	35,043	0	744,669	580,646
Crawford	10	3	0	10	0	12,385	4,297
Cumberland	50	26	0	253	0	67,859	10,009
Edgar	7	0	2	0	.297	4,227	912
Edwards	65	37	0	2,477	0	196,024	107,249
Effingham	42	12	0	777	0	112,434	30,492
Fayette	24	4	0	140	0	47,271	6,647
Franklin	10	1	0	100	0	29,762	2,970
Fulton	1	0	0	0	0	1,063	0
Gallatin	22	9	0	403	0	58,970	23,519
Hamilton	84	40	0	4,030	0	285,716	131,698
Jasper	61	26	0	4,029	0	172,812	72,566
Jefferson	76	46	0	5,330	0	202,135	120,570
Kankakee	1	0	0	0	0	264	0
Lawrence	51	25	0	1,260	0	86,092	41,124
McLean	1	0	0	0	0	3,510	0
Macon	2	0	0	0	0	4,633	0
Macoupin	4	0	0	0	0	4,436	0
Madison	70	54	0	5,241	0	121,464	94,101
Marion	48	16	0	482	0	102,287	29,722
Mason	1	0	0	0	0	1,360	0
Mercer	1	0	0	0	0	486	0
Monroe	1	0	0	0	0	525	0
Montgomery	1	0	0	0	0	2,326	0
Morgan	4	0	2	0	3.070	4,433	1,297
Moultrie	7	1	0	2	0	14,286	1,952
Perry	3	0	0	0	0	4,484	0
Randolph	2	0	0	0	0	2,494	0
Richland	161	93	1	21,826	1.000	507,407	296,625
St. Clair	8	2	0	35	0	8,106	1,315
Saline	10	4	0	681	0	31,692	12,615
Sangamon	1	0	0	0	0	918	0
Shelby	46	9	0	184	0	93,350	15,881
Union	1	0	0	0	0	1,727	0
Wabash	182	108	0	12,177	0	413,981	229,574
Washington	27	1	0	31	0	42,667	1,532
Wayne	312	196	0	38,620	0	985,921	610,562
White	315	219	0	18,643	0	892,084	590,658
Williamson	1	0	0	0	0	2,725	0
	2,362	1,364	6	168,929	6.367	5,924,936	3,346,546

[a] Does not include input wells, salt water disposal wells, or old wells worked over.

1946, according to the U.S. Bureau of Mines, were as follows:

Product	Dec. 31, 1946, Bbl	Dec. 31, 1945, Bbl
Gasoline	17,832,000	20,720,000
Kerosene	2,006,000	1,769,000
Gas, oil, and distillate fuel	6,114,000	5,773,000
Residual fuel oil	4,200,000	2,578,000

PIPE LINES

Although two major refined products lines were under construction in northern Illinois at the end of the year, the only completed pipe line constructions during 1946 were crude oil gathering lines and very short lines connecting new fields to pre-existing systems, extension of the distributing system for natural gas within the Chicago metropolitan area, and three miles of 6-in. gas lines from Storms pool to Carmi, White County.

REFINERIES

No new refineries were constructed in Illinois in 1946. Two small refineries were

abandoned during the year and the total daily capacity of operating Illinois refineries on Jan. 1, 1947, was approximately 304,000 bbl of crude oil.

Natural Gas, Natural Gasoline, and Liquefied Petroleum Gas

Approximately 21,670,000,000 cu ft of casinghead gas from Louden, Salem, Dale-Hoodville, Benton, and New Harmony-Griffin pools plus an additional estimated 500,000,000 cu ft from the old Southeastern Illinois oil field was processed in extraction plants and yielded 109,834,000 gal liquefied petroleum gases and an estimated 51,200,000 gal of natural gasoline during 1946. Approximately eight billion cubic feet of the residue gas from these plants was injected in producing formations, 288,000,000 cu ft was marketed, less than 100,000,000 cu ft was flared, and the remaining eight or nine billion cubic feet 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 one natural gasoline plant as noted in Table 8. Wells in a few other oil pools were operated as gas wells for lease fuel. The two gas pools, Panama and Waverly, discovered or named during 1946 have as yet no outlets, and no gas has been marketed from any of the six wells drilled during 1946 and completed as potential gas producers. The Consumer's Gas Co., Carmi, began buying gas in October 1946, from the Storms pool for residential consumption. Installations were only partially converted by the end of the year.

From rough estimates of the unmetered casinghead gas from pools without gasoline plants it appears that the amount flared has increased somewhat during 1946 above that flared during the preceding two or three years, while the amount utilized as lease fuel has remained constant or dropped somewhat. New wells, less than a year old, probably produced between 15 and 20 billion cubic feet of gas during 1946, more than for several years, and of this new-well gas no more than 10 pct was utilized. The percentage of new-well gas utilized is unusually low because the Mattoon pool, which probably produced more than five billion cubic feet, is electrified and practically no gas produced here was utilized. Wells more than one year old produced another 15 to 25 billion cubic feet of unmetered casinghead gas, of which possibly 50 to 75 pct was used as lease fuel and approximately 1 pct was injected for pressure maintenance. A total gas production for the entire state of the order of 60 billion cubic feet was thus probably 60 pct utilized in some manner, and 40 pct wasted after having performed its first service of producing the state's oil.

TABLE 6—*Number of Geophysical Parties Operating*

Month	Method			
	Seismograph	Gravimeter	Magnetometer	Resistivity
Jan.	4–6*			
Feb.	5–18			
Mar.	5–21			
Apr.	5–18			
May	5–20			
June	5–25		1–3	
July	6–23		1–1	1–3
Aug.	6–24			1–4
Sept.	6–30			1–5
Oct.	6–24			1–4
Nov.	7–25	1–2		1–4
Dec.	8–39	1–5		1–5

* First figure in column indicates number of crews working; second figure indicates number of work weeks completed.

Secondary Recovery

With the increasing age of the producing wells in Illinois and the downward trend in the rate of discovery of new reserves, the relative importance of secondary recovery of oil is increasing. The continued success of three major water-flooding operations, two pressure-maintenance by gas-injection operations, and numerous repressuring operations by air and gas injection are encouraging to future extensions of all these methods.

The three major water-flooding projects

TABLE 7—*Fields with Wells Producing from More Than One Formation*

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations[a]
Aden Consolidated	Wayne, Hamilton	17	17AM
Aden South	Hamilton	1	1AR
Albion Consolidated	Edwards	37	1PeBr, 1PeBrH, 3BrBi, 1BrBiB, 1BrDA, 1BrH, 2BrA, 7BiW, 1BiWTM, 1BiWRe, 1BiWAR, 1BiB, 1WC, 1WBRe, 1WBReA, 1WReA, 1WReAM, 1WL, 1CAM, 1BReA, 4BA, 1BAM, 1BM, 1ReAM, 1AM
Albion East	Edwards	3	1CAM, 1PB, 1LM
Barnhill	Wayne	1	1AM
Bennington	Edwards, Wayne	1	1LM
Benton North	Franklin	3	1PA, 1AL, 1LM
Bible Grove	Clay, Effingham	9	1CM, 8RM
Blairsville	Hamilton	3	3AM
Boos East	Jasper	2	2RM
Boos North	Jasper	4	4RM
Boyd	Jefferson	41	39BA, 2BAL
Boyleston Consolidated	Wayne	9	3AM, 1ALM, 5LM
Browns	Edwards, Wabash	5	1CB, 3CM, 1CBM
Burnt Prairie	White	4	4AM
Calhoun Consolidated	Richland, Wayne	12	12LM
Calhoun North	Richland	1	1RM
Calvin North	White	8	1BiCA, 1CA, 1CBA, 2BA, 1BAM, 1BRM, 1AR
Carmi North	White	1	1CA
Centerville East	White	2	1TC, 1TCM
Centralia	Clinton, Marion	29	29CB
Cisne	Wayne	15	4AM, 7ARM, 4RM
Clay City Consolidated	Clay, Wayne	98	1CA, 1CAM, 1CR, 6CM, 8ARM, 1ALM, 34AM, 19LM, 27RM
Coil West	Jefferson	3	1AL, 1ALM, 1LM
Concord	White	9	1TM, 1CAM, 7AM
Covington East	Wayne	1	1LM
Cowling	Edwards, Wabash	1	1CM
Dale-Hoodville Consolidated	Hamilton	56	4TC, 2TCBA, 5TA, 4CBA, 1PA, 1PAR, 35BA, 3AM, 1RM
Divide West	Jefferson	2	2RM
Dundas Consolidated	Richland, Jasper	25	1CM, 12AM, 12RM
Ellery	Edwards, Wayne	1	1AM
Flora	Clay	3	2BM, 1AM
Friendsville	Wabash	1	1LM
Friendsville South	Wabash	7	2BiPa, 3BiC, 1BiPaC, 1PaC
Geff	Wayne	2	2LR
Goldengate Consolidated	Wayne	13	1AR, 3AM, 9LM
Grayville	Edwards, White	1	1PaC
Herald	White, Gallatin	2	1TA, 1CA
Ingraham West	Clay	7	1CBM, 4CM, 1CRM, 1BM
Inman East	Gallatin	25	1PaClWT, 5PaT, 5WT, 4ClT, 3WC, 5TC, 2HC
Inman West	Gallatin	5	5TC
Iola	Clay	35	1CPBA, 22CBA, 1BReA, 10BA, 1RM
Iron	White	4	1WT, 1TH, 1CB, 1CM
Irvington	Washington	7	6CB, 1BA
Johnsonville Consolidated	Wayne	37	2BM, 33AM, 2LM
Keensburg Consolidated	Wabash	12	2BiC, 1CP, 9CB
Keenville	Wayne	2	2LM
Kenner	Clay	1	1BA
King	Jefferson	9	8AL, 1AM
Lancaster	Wabash, Lawrence	1	1LM
Leech Township	Wayne	1	1AL
Louden	Fayette, Effingham	661	227CP, 200CPB, 10CPBA, 2CPA, 118CB, 10CBA, 2CA, 69PB, 13PBA, 2PA, 8BA
Markham City West	Jefferson	8	8AM
Mason South	Effingham, Clay	22	13BA, 1BAR, 1BAM, 1BRM, 1AM, 5RM
Mattoon	Coles	95	2CA, 82CR, 4AR, 7RM

TABLE 7—(*Continued*)

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations[a]
Maud	Wabash	2	1WM, 1BRM
Maunie North	White	4	1CB, 1PA, 2BA
Maunie South	White	4	2PaT, 1TC, 1CB
Mill Shoals	White, Hamilton, Wayne	7	3AL, 4AM
Mt. Carmel	Wabash	41	1PeT, 2PeC, 1BrC, 1BiW, 5BiC, 2BiB, 3BiCM, 1BiM, 2JC, 5TC, 1TB, 1JaC, 1CB, 8CM, 1LR, 2LRM, 2LM, 2RM
Mt. Erie South	Wayne	1	1LM
New Harmony-Griffin Consolidated	White, Wabash	249	1PeBA, 1BiCA, 3WT, 2WTC, 2WTCB, 1WTCBA, 1WTCM, 14WC, 15WCB, 13WCBA, 2WCM, 2WCAM, 3WCBAM, 1WB, 1WAM, 1WM, 3TC, 1TCP, 2TCA, 3TCBA, 1TCAM, 1TCM, 1TP, 1TA, 55CB, 46CBA, 2CBAM, 2CBM, 19CA, 7CM, 1PB, 12BA, 1BAM, 2BRM, 1BM, 12PA, 1PAR, 3CAM, 1AL, 7AM, 1RM
New Harmony South (Ind.)	White	2	2PaD
New Haven	White	5	2TC, 1TM, 1CA, 1CAM
Noble	Richland, Clay	5	3CM, 2LM
Noble North	Richland	1	1CM
Olney East	Richland	1	1LR
Omaha	Gallatin	3	3PaT
Parkersburg Consolidated	Richland, Edwards	7	6CM, 1RM
Patton	Wabash	1	1RM
Patton West	Wabash	4	1CB, 1CL, 1CM, 1RM
Phillipstown Consolidated	White	25	1PeD, 1PeT, 3PeB, 1DCl, 2DT, 1DA, 3ClT, 1PM, 7BA, 2BAM, 2BM, 1RM
Roaches	Jefferson	1	1RM
Roaches North	Jefferson	1	1BR
Roland	White, Gallatin	30	1PeB, 1WCBA, 1WP, 1WPA, 9WB, 1WBA, 1WA, 8CB, 2CBA, 3CA, 1BM, 1ALM
Rural Hill	Hamilton	50	2CAL, 1PM, 12ALM, 23AM, 1AR, 9AL, 1LR, 1LM
Sailor Springs Consolidated	Clay	6	5TC, 1GC
Salem	Marion	985	567BA, 3BAMSt, 2BAMS, 4BM, 2BMS, 1AM, 1MSt, 1MStS, 315MS, 1RM, 3MDe, 2StS, 1SDe, 82DeTr
Sims	Wayne	9	5AM, 2ALM, 2LM
Stanford	Clay	2	2RM
Stokes-Brownsville	White	13	1TP, 1CP, 3CB, 1CA, 1HC, 1HR, 2PA, 1PLR, 2LR
Storms	White	2	1WT, 1WA
Thackeray	Hamilton	3	2AL, 1AM
Tonti	Marion	10	3BA, 3BAM, 2BARM, 2BM
Whittington	Franklin	1	1MSt
Woodlawn	Jefferson	5	2CB, 3BA
		2,845	

[a] Names of sands are indicated as follows:

Pe, Pennsylvanian	D, Degonia	H, Hardinsburg	Re, Renault	St, St. Louis
Br, Bridgeport	Cl, Clore	Ja, Jackson	A, Aux Vases	S, Salem
Bi, Biehl	W, Waltersburg	C, Cypress	L, Lower O'Hara	De, Devonian
J, Jordan	T, Tar Springs	P, Paint Creek	R, Rosiclare	Tr, Trenton
Pa, Palestine	G, Glen Dean	B, Bethel	M, McClosky	

which were begun in 1942 and 1943 had a total cumulative production due to flooding of approximately 6 million barrels of oil up to the end of 1946, of which approximately 2,600,000 bbl were produced in 1946.

TABLE 8—*Natural Gas Produced in Illinois and Marketed in* 1946

Field, *County*	Where Marketed	Amount Marketed, Mcf
Russellville (gas), *Lawrence.*	Illinois, Indiana, Kentucky	336,000
Ayers (gas), *Bond*....	Greenville, Ill.	16,000
Louden (gas wells), *Fayette.*	Vandalia, St. Elmo, Brownstown, Ill.	x
Louden (residue), *Fayette.*	Vandalia, St. Elmo, Brownstown, Ill.	288,000
Storms (casinghead), *White*.....	Carmi	10,000

In the Siggins pool, Cumberland County, the Forest Oil Corporation's water-flooding of the first Siggins sand affects an area of 280 acres. This operation is successful and is being expanded in the same area so that at the end of 1946 an additional 200 acres was in the first stages of being flooded and 200 more acres in the planning stage. Immediately to the east of this area, the Pure Oil Co. is conducting a flooding operation in the Siggins pool that is expected to show results before the middle of 1947.

The flooding of the McClosky lime in Clay, Jasper, Wayne, and Richland Counties, started by the Pure Oil Co. in 1942, is continuing unabated. At the end of 1946 there were approximately 40 separate floods affecting 5500 acres in the above-mentioned counties. Existing wells are converted to water input wells by perforating an upper sand and allowing the brine to flow by gravity into the producing "sand."

Conversion of the Patoka pool (Marion County) to water-flooding started in 1943, was completed during 1946. There are 550 acres under flood in this pool with 50 input wells in the Bethel sand now taking water.

Pressure maintenance and gas and air repressuring have been continued in all of the fields where they were in operation in 1945. These include operations at Louden, Salem, Rural Hill, Dale-Hoodville, and many scattered gas and air repressuring projects in Crawford and Lawrence Counties. New repressuring projects were few during 1946 and most of those started were in the old Southeastern Illinois oil field.

The two pressure-maintenance projects in the state, Louden and New Harmony-Griffin Consolidated, continued in operation, and although it is impossible to determine the amount of increased oil recovery for this kind of operation, the low-pressure decline rates which have been attained are an indication of its success. In addition to pressure maintenance in New Harmony-Griffin Consolidated, one operator is also experimenting with a simultaneous water-flood which, as yet, has shown no results, probably because it is still in its early stages of development.

OUTLOOK FOR 1947

Drilling during 1947 will probably decline from the high level of 1946 but will probably surpass that of 1945. The present higher prices for crude oil and the expiration of additional 10-year leases during the year both favor a continued high rate of wildcat drilling. There is considerable interest in the possibility of finding additional oil-bearing reef structures of the type now productive in the Marine pool in Madison County. Plans have been announced for testing the pre-St. Peter Ordovician and Cambrian strata on the Pittsfield-Hadley anticline in Pike County in western Illinois.

ACKNOWLEDGMENTS

The writers are indebted to many oil and gas companies, pipeline companies, and refining companies for data used in this report. The following members of the Survey staff assisted in preparing the report: Walter H. Voskuil, Frederick Squires, David H. Swann, Paul G. Luckhardt, Wayne F. Meents, Richard J. Cassin, and Nancy McDurmitt.

FOOTNOTES TO COLUMN HEADINGS
TABLE I

[a] All fields to be listed alphabetically and if by counties the latter also in alphabetical order. If the field is a gas field, or is primarily a gas-producing field, indicate by asterisk immediately after the name of the field, as, for example, Katy,* *Waller*.

[b,d] Total area in surface acres in the field proved for production.

[c] Total production barrels of oil and/or distillate or condensate; and show by footnote, where possible, the amount of distillate or condensate production.

[e] Volume of gas produced from the field and not returned to the reservoir.

[f] Include all original completions, but exclude workovers and wells deepened or plugged back. *Abandoned* refers only to wells abandoned after having produced oil and/or gas and is not to include wells abandoned without having secured production.

[g] 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, wells producing condensate or distillate, and wells producing some oil but classified as gas wells by the State regulatory agency.

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

[i] Show weighted average gravity A.P.I. at 60°F. as oil is delivered to the pipe lines, and percentage of sulphur, if any, in the oil. Where oils from more than one stratum are commingled and delivered into the pipe line at a gravity of 26 to 26.9, show as 26°, etc.

[j] 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.

[k] 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, oölitic limestone; S, sandstone.

[l] 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. Cav indicates that the reservoir rock is of cavernous type; and Fis, fissure type.

[m] Show actual depth to top of producing stratum. 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.

[n] 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.

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

[p] Show name of deepest stratigraphic zone tested and total depth of well which tested such zone, whether it is deepest well in field or not.

x Correct entry not determinable.

Printed in U. S. A.