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Oil and Gas Development in Illinois in 1948

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Production and Drilling

In 1948, Illinois produced 64,669,000 bbl of oil, or 3.2 pct of the total for the United States, and ranked sixth in the nation for the sixth consecutive year. Production decreased about 3 pct from that of 1947, when the total Illinois production was 66,459,000 bbl (Fig. 1). Daily average production by months was as follows:

Month	Barrels	Month	Barrels
January	172,000	July	178,000
February	174,000	August	181,000
March	174,000	September	179,000
April	170,000	October	182,000
May	172,000	November	180,000
June	178,000	December	178,000

It is noteworthy that the average daily oil production in Illinois in the second half of 1948 was 180,000 bbl, as compared with 174,000 bbl in the first half. This increase of 3½ pct is ascribed to successful new drilling and to increases in production by secondary recovery operations which together were more than enough to offset the declines in production rate of many of the older wells.

During the year, 2,489 wells were drilled for oil or gas as compared with 2,046 in 1947, an increase of about 22 pct. This is the largest number of wells drilled in any year since 1941. Of the 2,489 wells drilled, 1,285 were oil wells, 10 were gas wells, and 1,194 were dry holes. Producing wells made up 52 pct of the wells completed, a decrease of 1 pct from 1947. This decrease is entirely due to a decrease in successful wildcat completions, since the percentage of successful pool wells remained at 66 pct, while the percentage of successful wildcat wells decreased from 18 pct in 1947 to 12 pct in 1948.

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 1948 by counties in Table 5.

Discoveries

Twenty-eight oil fields (Table 2A, Fig. 2), 47 extensions to oil fields (Table 2B), and 25 new producing zones in fields (Table 2C) were discovered in 17 counties in Illinois in 1948. Of the 28 new pools, 2 were lost by consolidation (Maud West and Maud Central were consolidated with Maud North), and one, Mayberry North, was abandoned. The new fields having the largest number of producing wells at the end of 1948 were Rochester with 31 wells and Clay City North and Sailor Springs West with 15 wells each. At the end of the year a total of 97 oil wells were producing in 26 new fields as compared with 147 oil wells and 1 gas well producing at the end of 1947 from 28 fields discovered during that year. Initial productions of discovery wells of new pools ranged from 2 to 600 bbl of oil with an average of about 100 bbl of oil per well, as compared with an average of 115 bbl in 1947.

In fields discovered since 1936, the total number of wells producing at the end of 1948 was 15,685.

Exploratory Drilling

Of the total number of wells drilled during 1948, wildcats accounted for 628,

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or about 25 pct (Table 4). Of this number, 75, or 12 pct were successful in obtaining production. Although the number of wildcats drilled increased from 536 in 1947 to 628 in 1948, the number of successful completions decreased from 97 (or 18 pct) in 1947 to the 1948 total of 75 (or 12 pct).

Of the 628 wildcat wells, 397 were drilled less than two miles from production; of these, 47, or 11.8 pct, were successful. Of the 231 wildcat wells drilled more than two miles from production, 28, or about 12 pct, were successful. Corresponding figures for 1947 were 314 wells drilled less than two miles from production with 69, or 22 pct successful, and 222 more than two miles from production with 28, or 12.6 pct successful.

In existing pools 60 wells were drilled to test deeper pays. Of this number 4, or 6.6 pct, opened up new pays.

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

One "Trenton" and two Devonian pools were discovered in 1948. The Craig pool in Perry County produces from the "Trenton" limestone. It was discovered in December and is about 35 miles from the nearest "Trenton" production, which is in the Centralia pool in Clinton County. "Trenton" production was discovered during the year in the northern end of the Centralia pool and was being developed rapidly at the end of the year. Previous "Trenton" production in Centralia had consisted of two small wells near the south end of the pool. "Trenton" production was also discovered in the Shattuc pool less than two miles from the new Centralia "Trenton" area.

New Devonian pools were Assumption and Assumption North in Christian County, both north of any important pool in the state except Colmar-Plymouth. Assumption North, discovered in December, was also producing from two Mississippian sands by the end of the year and appeared to be one of the best discoveries of 1948. The Rosiclare sandstone

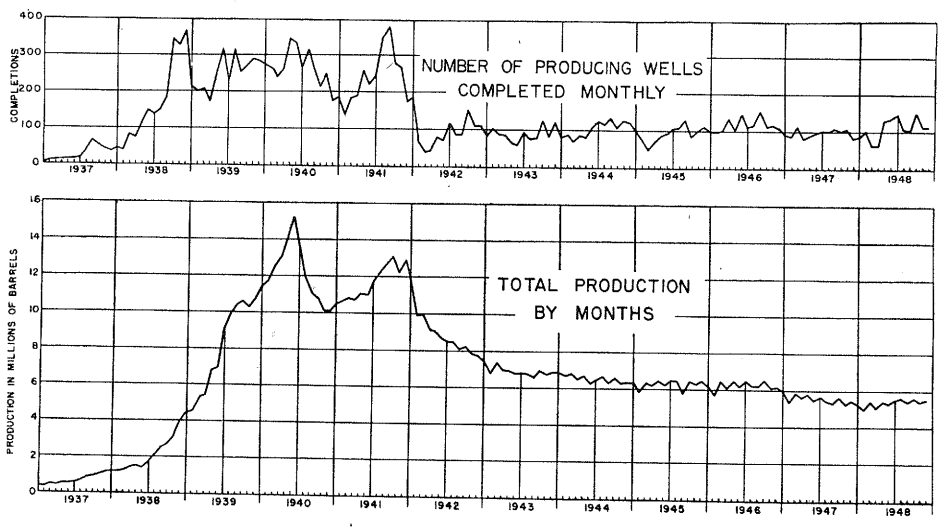

FIG. 1—NUMBER OF PRODUCING WELLS AND OIL PRODUCTION IN ILLINOIS, 1937 TO 1948.

production appears to be more important than the Devonian. The first Silurian production of importance in the McKinley pool in Washington County was developed during the year.

Unsuccessful deep tests in pools included completion of a well that was drilled into the pre-Cambrian in the

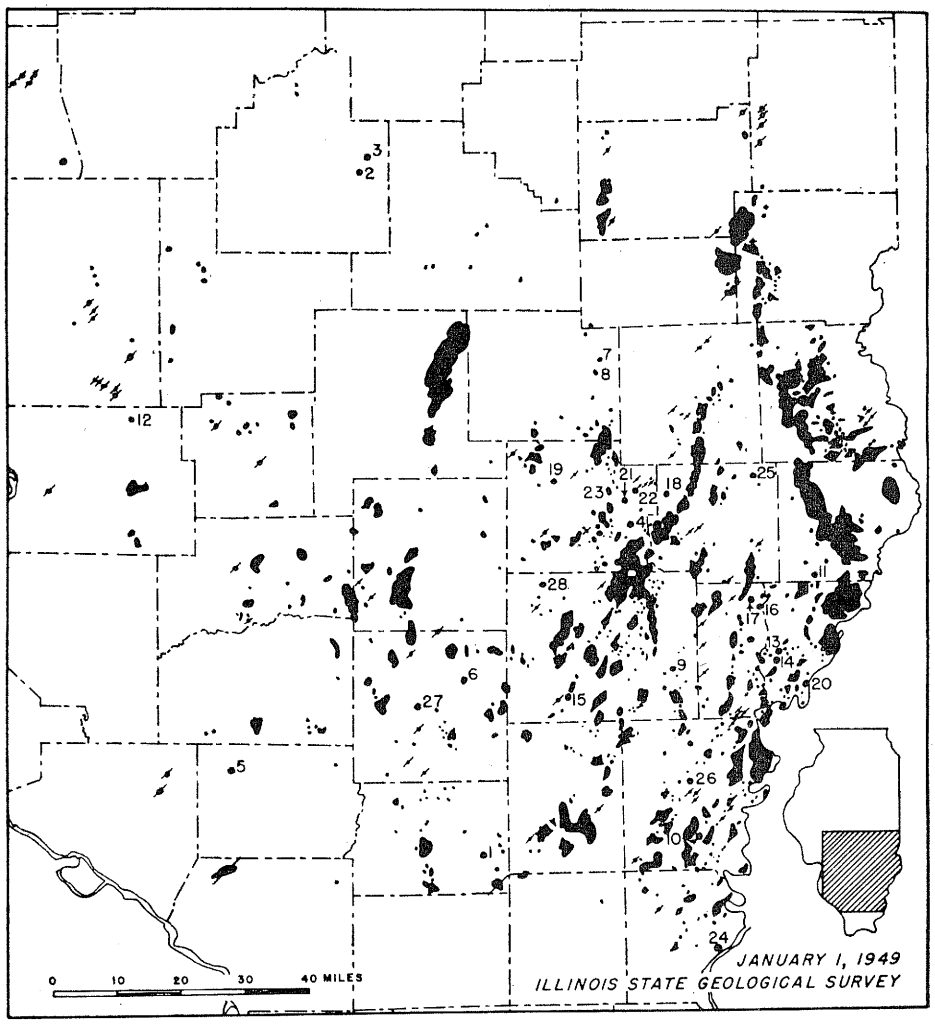

FIG. 2 — OIL AND GAS FIELDS OF ILLINOIS. NUMBERS INDICATE 1948 DISCOVERIES.

1. Akin West
2. Assumption
3. Assumption North
4. Clay City North
5. Craig
6. Divide South
7. Evers
8. Evers South
9. Goldengate West
10. Herald North
11. Lancaster North
12. Livingston
13. Maud Central
14. Maud West
15. Mayberry North
16. Mills Prairie
17. Parkersburg South
18. Passport South
19. Riffle
20. Rochester
21. Sailor Springs Central
22. Sailor Springs North
23. Sailor Springs West
24. Shawneetown North
25. Stringtown East
26. Sumpter South
27. Williams
28. Zenith

TABLE 1 — *Oil and Gas Production in Illinois*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
1	Warrenton-Borton, *Edgar*	Unnamed; Pen	1906	100	30	0	0	0	0
2	Westfield, *Clark-Coles*		1904	10,000	x	x	x	x	x
3		Shallow Gas; Pen		9,025	x	x	x	x	x
4		Westfield; MisL		9,000	x	x	x	x	0
5		Trenton; Ord		250	x	6	0	0	0
6	Siggins, *Cumberland-Clark*		1906	4,000	x	x	x	x	x
7		First Siggins; Pen		3,200	x	x	x	x	x
8		2nd & 3rd Siggins; Pen		500	x	x	x	x	x
9		Lower Siggins; Pen		1,000	x	x	x	x	x
10	York, *Cumberland-Clark*[4]	York; Pen	1907	350	x	0	x	x	0
11	Casey, *Clark*		1906	2,100	x	x	x	x	x
12		Upper Gas; Pen		200	x	x	x	x	x
13		Lower Gas; Pen		400	x	x	x	x	x
14		Casey; Pen		1,540	x	x	x	x	x
15	Martinsville, *Clark*		1907	900	x	x	x	x	x
16		Shallow; Pen		35	x	x	x	x	x
17		Casey; Pen		310	x	x	x	x	x
18		Martinsville; MisL		710	x	x	x	x	x
19		Carper; MisL		600	x	x	x	x	x
20		"Niagara"; Dev		660	x	x	x	x	x
21		"Trenton"; Ord		10	x	x	x	x	x
22	Johnson North, *Clark*		1907	2,400	x	x	x	x	x
23		Claypool; Pen		1,200	x	x	x	x	x
24		Shallow; Pen		200	x	x	x	x	x
25		Casey; Pen		900	x	x	x	x	x
26		Upper Partlow; Pen		250	x	x	x	x	x
27		Carper; MisL		10	x	x	x	x	x
28	Johnson South, *Clark*		1907	2,200	x	x	x	x	x
29		Claypool; Pen		200	x	x	x	x	x
30		Casey; Pen		300	x	x	x	x	x
31		Upper Partlow; Pen		1,700	x	x	x	x	x
32		Lower Partlow; Pen		850	x	x	x	x	x
33	Bellair, *Crawford-Jasper*		1907	1,500	x	x	x	x	x
34		"500 ft."; Pen		x	x	x	x	x	x
35		"800 ft."; Pen		x	x	x	x	x	x
36		"900 ft."; Pen		x	x	x	x	x	x
37	Clark County Division[5]			23,450	57,358	1,136	x	x	x
38	Main, *Crawford*[6]		1906	35,700	x	x	x	x	x
39		Shallow; Pen		340	x	x	x	x	x
40		Robinson; Pen		34,320	x	x	x	x	x
41		Oblong; MisL		1,000	x	x	x	x	x
42		Salem; MisL		80	x	x	0	0	0
43		Devonian; Dev		30	x	x	0	0	0
44	New Hebron, *Crawford*	Robinson; Pen	1909	1,570	x	x	x	x	x
45	Chapman, *Crawford*	Robinson; Pen	1914	1,560	x	x	x	x	x
46	Parker, *Crawford*	Robinson; Pen	1907	1,340	x	x	x	x	x
47	Allison-Weger, *Crawford*	Robinson; Pen	x	1,100	x	x	x	x	x
48	Flat Rock, *Crawford*[7]	Robinson; Pen	x	1,925	x	x	x	x	x
49	Birds, *Crawford-Lawrence*	Robinson; Pen	x	4,485	x	x	x	x	x
50	Crawford County Division[8]			47,680	156,421	1,299	x	x	x
51	Lawrence, *Lawrence-Crawford*		1906	26,300	x	x	x	x	x
52		Pennsylvania; Pen		85	x	x	x	x	x
53		Bridgeport; Pen		5,050	x	x	x	x	x
54		Buchanan; Pen		2,300	x	x	x	x	x
55		"Gas"; MisU		1,440	x	x	x	x	x
56		Jackson; MisU		10	x	x	x	x	x
57		Kirkwood; MisU		16,200	x	x	x	x	x
58		Tracey; MisU		4,500	x	x	x	x	x
59		Aux Vases; MisU		10	x	x	x	x	x
60		Rosiclare; MisL		220	x	x	x	x	x

[a] Footnotes to column heads and explanation of symbols given on last page of book.
Special footnotes (1-74) to this table are given at the end of the table.

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]			Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg./End 1948	Secondary Recovery[j]	Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
1	22	0	0	0	0	0	x	x		x	x	S	P	160	x	ML	Trenton	2,212
2	1,638	6	44	0	193	0										D	St. Peter	3,009
3	193	3	x	0	x	0	x	x		30.0	x	S	P	280	40	D		
4	1,449	0	x	0	x	0	x	x		33.5	x	L	C	335	x	D		
5	16	3	0	0	5	0	x	x		38.2	0.18	L	C	2,265	x	D		
6	1,030	7	77	0	721	0			W							D	Dev	2,010
7	879	0	x	0	x	0	x	x		34.0	x	S	P	365	x	D		
8	90	0	x	0	x	0	x	x		(33.6)	x	S	P	480	x	D		
9	202	7	x	0	x	0	x	x		(25.7)	x	S	P	560	40	D		
10	70	0	0	0	0	0	x	x		(30.3)	x	S	P	590	x	AM	Dev	2,381
11	535	0	17	0	445	0										AM	MisL	910
12	41	0	0	0	x	0	x	x		(31.9)	x	S	P	265	x	AM		
13	82	0	0	0	x	0	x	x		(30.1)	x	S	P	310	x	AM		
14	322	0	17	0	x	0	x	x		(33.6)	x	S	P	445	40	AM		
15	220	1	4	0	109	0										D	St. Peter	3,411
16	7	0	0	0	x	0	x	x		x	x	S	P	255	x	D		
17	64	0	0	0	x	0	x	x		x	x	S	P	500	x	D		
18	23	0	0	0	x	0	x	x		x	x	L	P	480	x	D		
19	35	0	4	0	x	0	x	x		(38.9)	x	S	P	1,340	x	D		
20	41	1	0	0	x	0	x	x		x	x	L	C	1,550	x	D		
21	2	0	0	0	x	0	x	x		(39.6)	x	L	P	2,700	x	D		
22	492	1	8	0	327	0			G							AM	Dev	1,910
23	296	0	x	0	x	0	x	x		x	x	S	P	415	x	AM		
24	32	0	x	0	x	0	x	x		x	x	S	P	315	x	AM		
25	181	1	x	0	x	0	x	x	G	x	x	S	P	465	x	AM		
26	46	0	x	0	x	0	x	x		x	x	S	P	535	x	AM		
27	1	0	x	0	x	0	x	x		x	x	S	P	1,325	x	AM		
28	546	1	1	0	425	0			G							AM	Dev	2,030
29	38	0	x	0	x	0	x	x		x	x	S	P	390	x	AM		
30	60	0	x	0	x	0	x	x	G	x	x	S	P	450	x	AM		
31	412	1	x	0	x	0	x	x		x	x	S	P	490	x	AM		
32	170	0	x	0	x	0	x	x		28.5	x	S	P	600	x	AM		
33	486	0	52	0	270	0			W							AM	MisL	1,471
34	310	0	x	0	x	0	x	x	W	(32.4)	x	S	P	560	x	AM		
35	65	0	x	0	x	0	x	x	W	x	x	S	P	815	x	AM		
36	182	0	x	0	x	0	x	x	W	(37.0)	x	S	P	885	x	AM		
37	5,017	16	203	0	2,490	0											St. Peter	3,411
38	7,337	5	34	0	3,967	0			G							ML	St. Peter	4,654
39	71	1	0	0	x	0	x	x		x	x	S	P	510	x	ML		
40	7,148	2	x	0	x	0	x	x	G	32.8	x	S	P	900	25	ML		
41	108	0	x	0	x	0	x	x		x	x	SL	P	1,335	x	ML		
42	4	2	0	0	4	0	x	x		x	x	L	P	1,815	5	ML		
43	2	0	1	0	x	0	x	x		x	x	L	P	2,795	11	ML		
44	299	0	0	0	140	0	x	x	G	30.1	x	S	P	940	25	ML	Mis	2,056
45	193	0	0	0	60	0	x	x	G	x	x	S	P	995	25	ML	Mis	2,279
46	256	0	0	0	199	0	x	x		29.5	x	S	P	1,000	25	ML	Pen	1,227
47	149	0	0	0	54	0	x	x		22.5	x	S	P	910	20	ML	Pen	1,041
48	291	0	10	0	101	0	x	x		31.8	x	S	P	935	x	ML	Dev	3,110
49	685	0	19	0	317	0	x	x	G	31.8	x	S	P	930	28	ML	MisL	1,731
50	9,210	5	63	0	4,838	0											St. Peter	4,654
51	4,480	9	142	0	2,348	0			G							A	St. Peter	5,190
52	10	0	x	0	x	0	x	x		x	x	S	P	290	x	A		
53	1,233	0	x	0	x	0	x	x	G	x	x	S	P	800	40	A		
54	485	3	x	0	x	0	x	x		x	x	S	P	1,250	15	A		
55	243	0	x	0	x	0	x	x		x	x	S	P	1,330	15	A		
56	1	0	x	0	x	0	x	x		x	x	S	P	1,360	10	A		
57	3,020	1	x	0	x	0	600±	x		x	x	S	P	1,400	30	A		
58	719	4	x	0	x	0	650±	x		x	x	S	P	1,650	20	A		
59	1	0	x	0	x	0	x	x		x	x	S	P	1,810	10	A		
60	10	0	x	0	x	0	x	x		x	x	SL	P	1,850	x	AC		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
61		McClosky; MisL		7,040	x	x	x	x	x
62		[9]							
63	St. Francisville, *Lawrence*	Bethel; MisU	x	420	x	x	0	0	0
64	Lawrence County Division[10]			26,720	240,710	1,760	x	x	x
65	Allendale, *Wabash-Lawrence*[11]		1912	5,280	10,506	704	0	0	0
66		Pennsylvania; Pen		x	x	x	0	0	0
67		Bridgeport; Pen		x	x	x	0	0	0
68		Buchanan; Pen		x	x	x	0	0	0
69		Biehl; Pen		x	x	x	0	0	0
70		Jordan; Pen		x	x	x	0	0	0
71		Waltersburg; MisU		x	x	x	0	0	0
72		Tar Springs; MisU		x	x	x	0	0	0
73		Cypress; MisU		x	x	x	0	0	0
74		Bethel; MisU		x	x	x	0	0	0
75		Aux Vases; MisU		x	x	x	0	0	0
76		Lower Ohara; MisL		x	x	x	0	0	0
77		Rosiclare; MisL		x	x	x	0	0	0
78		McClosky; MisL		x	x	x	0	0	0
79		[9]							
80	Total Southern Fields[12]			103,230	465,025	4,899	x	x	x
81	Ayers (Gas), *Bond*	Bethel; MisU	1922	0	0	0	325	291.6	9.1
82	Greenville (Gas), *Bond*[13]	Lindley (1st, 2nd); MisU	1910	0	0	0	160	990.0	0
83	Bartelso, *Clinton*		1936	580	1,871	83	0	0	0
84		Carlyle; MisU		350	1,068	30	0	0	0
85		Devonian; Dev		230	803	53	0	0	0
86	Carlyle, *Clinton*	Carlyle; MisU	1911	915	3,640	32	0	0	0
87	Frogtown, *Clinton*[14]	Carlyle; MisU	1918	300	x	0	0	0	0
88	Ava-Campbell Hill, *Jackson*[15]	Cypress; MisU	1917	440	x	0	0	0	0
89	Colmar-Plymouth, *McDonough-Hancock*	Hoing; Dev	1914	2,470	3,509	94	0	0	0
90	Carlinville, *Macoupin*[16]	Unnamed; Pen	1909	80	0	250	0	0	0
91	Gillespie-Benld (Gas), *Macoupin*[17]	Unnamed; Pen	1923	0	0	0	80	135.8	0
92	Gillespie-Wyen, *Macoupin*	Unnamed; Pen	1915	45	x	1,000	0	0	0
93	Spanish Needle Creek (Gas), *Macoupin*[18]	Unnamed; Pen	1915	0	0	0	80	14.4	0
94	Staunton (Gas), *Macoupin*[19]	Unnamed; Pen	1916	0	0	0	400	1,050.0	0
95	Collinsville, *Madison*[20]	Dev-Sil	1909	40	1	0	0	0	0
96	Brown, Langewisch-Kuester, Junction City, *Marion*		1910	175	x	x	0	0	0
97		Dykstra-Wilson; Pen		60	x	x	0	0	0
98		Cypress; MisU		115	x	x	0	0	0
99	Sandoval; *Marion*		1909	480	5,457	61	0	0	0
100		Bethel; MisU		460	2,705	0	0	0	0
101		Devonian; Dev		390	2,752	61	0	0	0
102	Wamac, *Marion-Clinton-Washington*	Petro; Pen	1921	250	629	11	0	0	0
103	Litchfield, *Montgomery*[21]	Unnamed; Pen	1879	100	24	0.1	0	0	0
104	Waterloo, *Monroe*[22]	"Trenton"; Ord	1920	230	235	1	0	0	0
105	Jacksonville (Gas), *Morgan*[23]	Gas; Pen, MisL	1910	1,320	2	0	x	x	0
106	Pittsfield (Gas), *Pike*[24]	"Niagaran"; Sil	1886	0	0	0	8,960	x	0
107	Sparta, *Randolph*[25]	Cypress; MisU	1888	165	x	0	0	0	0
108	Dupo, *St. Clair*	"Trenton"; Ord	1928	2,300	2,388	148	0	0	0
109	Total of fields discovered prior to Jan.1, 1937[26]			113,120	482,781	5,330	10,005	2,481.8	9.1
110	Ab Lake, *Gallatin*		1947	40	13	6	0	0	0
111		Renault; MisU		40	x	x	0	0	0
112		Aux Vases; MisU[27]		10	x	x	0	0	0
113		[9]							
114	Aden Consolidated, *Hamilton-Wayne*		1938	2,060	5,574	212	0	0	0
115		Aux Vases; MisU		820	x	x	0	0	0
116		Lower Ohara; MisL[28]		220	x	x	0	0	0
117		Rosiclare; MisL[28]		200	x	x	0	0	0
118		McClosky; MisL		1,700	x	x	0	0	0
119		Salem; MisL		20	x	x	0	0	0
120		[9]							

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[j]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
61	964	0	x	0	x	0	x	x		x	x	L	P	1,860	10	A		
62	4	1	x	0	x	0												
63	55	0	4	0	26	0	600	x		32.3	x	S	P	1,845	22	ML	Mis	1,900
64	4,535	9	146	0	2,374	x											St. Peter	5,190
65	682	21	42	0	340	x			P								MisL	2,571
66	1	0	x	0	x	0	x	x		x	x	S	P	400	x	AM		
67	6+	3	x	0	x	x	x	x		x	x	S	P	1,070	12	AM		
68	x	0	x	0	x	x	x	x		x	x	S	P	1,290	15	AM		
69	521	11	x	0	x	x	x	x	P	35.1	x	S	P	1,425	20	AM		
70	3	0	x	0	x	x	x	x		x	x	S	P	1,490	10	AM		
71	17	2	x	0	x	x	x	x		x	x	S	P	1,540	15	AM		
72	10	0	x	0	x	x	x	x		x	x	S	P	1,600	20	AM		
73	45	2	x	0	x	x	x	x		x	x	S	P	1,920	10	AM		
74	42	2	x	0	x	0	x	x		x	x	S	P	2,010	10	AM		
75	3	0	x	0	x	0	x	x		x	x	S	P	2,280	12	AM		
76	0	0	x	0	x	0	x	x		x	x	L	P	2,300	10	AM		
77	1	0	x	0	x	0	x	x		x	x	SL	P	2,300	5	AM		
78	10+	1	x	0	x	0	900	x		x	x	L	P	2,300	8	AM		
79	5	0	x	0	x	0												
80	19,466	51	454	0	10,042	x												
81	21	0	0	0	0	3	355	x				S	P	940	5	A	Trenton	3,044
82	4	0	0	0	0	0	x	x				S	P	925	x	A	Dev	3,290
83	76	0	0	0	49	0										D	St. Peter	4,212
84	51	0	0	0	29	0	x	x		36.2	0.20	S	P	985	24	D		
85	25	0	0	0	20	0	x	x		41.5	0.27	L	C	2,420	12	D		
86	165	0	0	0	26	0	x	x		35.2	0.26	S	P	1,035	20	A	St. Peter	4,120
87	12	0	0	0	0	0	x	x		31.9	x	S	P	950	7	A	Sil	2,444
88	35	0	0	0	0	0	x	x		x	x	S	P	780	18	A	Dev	2,530
89	491	1	5	0	221	0	x	x	G	37.6	0.38	S	P	450	21	AL[73]	Trenton	805
90	8	0	0	0	1	0	135	x		27.7	x	S	P	380	x	A	Mis	1,380
91	4	0	0	0	0	0	155	x				S	P	540	x	A	Pen	575
92	23	0	0	0	1	0	x	x		30.2	x	S	P	650	x	T	Trenton	2,560
93	7	0	0	0	0	0	x	x				S	P	305	x	D	Pen	495
94	18	0	0	0	0	0	145	x				S	P	460	x	A	Trenton	2,371
95	6	0	0	0	0	0	x	x		x	x	L	C	1,305	20	ML	St. Peter	2,177
96	14	0	0	0	7	0											Dev	3,344
97	7	0	0	0	x	0	x	x		32.0	x	S	P	610	20	D		
98	7	0	0	0	x	0	x	x		32.0	x	S	P	1,660	15	D		
99	151	0	0	0	15	0										D	St. Peter	5,023
100	123	0	0	0	0	0	x	x		34.5	x	S	P	1,540	20	D		
101	28	0	0	0	15	0	x	x		38.0	0.38	L	C	2,924	9	D		
102	106	0	7	0	5	0	x	x		30.2	x	S	P	720	20	D	MisL	1,760
103	18	0	0	0	1	0	x	x		23.0	0.42	S	P	660	x	D	Pen	774
104	41	0	0	0	6	0	x	x		30.2	0.97	L	C	410	50	A	Trenton	845
105	53	0	0	0	0	0	x	x		x	x	SL,S	P	330	5	ML	Trenton	1,390
106	68	0	0	0	0	0	x	x				L	P	265	10	A	Pre-Cam	2,226
107	20	0	0	0	0	0	x	x		x	x	S	P	850	7	D	MisU	985
108	311	7	0	0	98	0	x	x		32.7	0.70	L	C	700	50	A	Ord	1,800
109	21,118	59	466	0	10,472	3												
110	2	1	0	0	2	0											MisL	2,941
111	2	1	0	0	1	0	x	x		35.1	x	L	P	2,735	8	MF		
112	0	0	0	0	0	0	x	x		36.6	x	S	P	2,770	9	MF		
113	0	0	0	0	1	0												
114	91	0	0	0	78	0			W							A	Dev	5,395
115	5	0	0	0	19	0	x	x		x	x	S	P	3,175	12	A		
116	0	0	0	0	0	0	x	x		x	x	OL	P	3,265	6	AC[74]		
117	0	0	0	0	0	0	x	x		x	x	OL	P	3,300	12	AC		
118	75	0	0	0	26	0	x	x	W	x	x	OL	P	3,350	8	A		
119	0	0	0	0	1	0	x	x		40.0	x	L	P	3,735	16	A		
120	11	0	0	0	32	0												

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
121	Aden South, *Hamilton*		1945	60	23	7	0	0	0
122		Aux Vases; MisU		20	x	x	0	0	0
123		Rosiclare; MisL[28]		20	x	x	0	0	0
124		McClosky; MisL		40	x	x	0	0	0
125		[9]							
126	Akin, *Franklin*		1942	200	331	20	0	0	0
127		Cypress; MisU		120	x	x	0	0	0
128		Aux Vases; MisU		80	x	x	0	0	0
129		McClosky; MisL[28]		40	x	x	0	0	0
130		[9]							
131	Akin West, *Franklin*		1948	20	2	2	0	0	0
132		Lower Ohara; MisL[27]		20	x	x	0	0	0
133		Rosiclare; MisL[27]		20	x	x	0	0	0
134		McClosky; MisL[27]		20	x	x	0	0	0
135		[9]							
136	Albion Consolidated, *Edwards*		1940	2,900	6,940	590	0	0	0
137		Mansfield; Pen		40	x	x	0	0	0
138		Bridgeport; Pen		360	x	x	0	0	0
139		Biehl; Pen		700	x	x	0	0	0
140		Degonia; MisU[27]		10	x	x	0	0	0
141		Waltersburg; MisU		460	x	x	0	0	0
142		Tar Springs; MisU[27]		10	x	x	0	0	0
143		Hardinsburg; MisU		50	x	x	0	0	0
144		Cypress; MisU		20	x	x	0	0	0
145		Bethel; MisU		100	x	x	0	0	0
146		Renault; MisU[27]		150	x	x	0	0	0
147		Aux Vases; MisU		350	x	x	0	0	0
148		Lower Ohara; MisL		10	x	x	0	0	0
149		Rosiclare; MisL		10	x	x	0	0	0
150		McClosky; MisL		900	x	x	0	0	0
151		[9]							
152	Albion East, *Edwards*		1943	450	526	80	0	0	0
153		Cypress; MisU		80	x	x	0	0	0
154		Paint Creek; MisU[28]		10	x	x	0	0	0
155		Bethel; MisU		20	x	x	0	0	0
156		Renault; MisU		40	x	x	0	0	0
157		Aux Vases; MisU		100	x	x	0	0	0
158		Lower Ohara; MisL		30	x	x	0	0	0
159		Rosiclare; MisL[27]		10	x	x	0	0	0
160		McClosky; MisL		160	x	x	0	0	0
161		[9]							
162	Alma, *Marion*		1941	60	64	3	0	0	0
163		Bethel; MisU		30	x	x	0	0	0
164		Rosiclare; MisL		40	x	x	0	0	0
165	Amity, *Richland*	McClosky; MisL	1942	80	12	3	0	0	0
166	Assumption, *Christian*	Devonian; Dev	1948	40	1	1	0	0	0
167	Assumption North, *Christian*		1948	80	7	7	0	0	0
168		Bethel; MisU		40	x	x	0	0	0
169		Rosiclare; MisL		20	x	x	0	0	0
170		Devonian; Dev		40	5	5	0	0	0
171	Barnhill, *Wayne*		1939	1,070	2,121	93	0	0	0
172		Aux Vases; MisU		30	x	x	0	0	0
173		Lower Ohara; MisL		30	x	x	0	0	0
174		Rosiclare; MisL		30	x	x	0	0	0
175		McClosky; MisL		1,010	x	x	0	0	0
176		Salem; MisL		50	x	x	0	0	0
177		[9]							
178	Bartelso South, *Clinton*	Devonian; Dev	1942	80	18	1	0	0	0
179	Bartelso West, *Clinton*	Cypress; MisU	1945	120	5	2	0	0	0
180	Beaver Creek, *Bond*	Bethel; MisU	1942	140	83	13	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
121	3	0	0	0	3	0											MisL	3,447
122	0	0	0	0	1	0	x	x		x	x	S	P	3,245	7	AC		
123	0	0	0	0	0	0	x	x		x	x	L	P	3,335	12	AC		
124	1	0	0	0	1	0	x	x		x	x	L	P	3,385	6	MC		
125	2	0	0	0	1	0												
126	7	0	0	0	6	0											MisL	3,515
127	3	0	0	0	2	0	x	x		33.4	0.14	S	P	2,835	9	ML		
128	3	0	0	0	4	0	x	x		37.8	0.12	S	P	3,120	9	ML		
129	0	0	0	0	0	0	x	x		x	x	L	P	3,270	9	ML		
130	1	0	0	0	0	0												
131	1	1	0	0	1	0											MisL	3,435
132	0	0	0	0	0	0	x	x		x	x	L	P	3,050	10	x		
133	0	0	0	0	0	0	x	x		x	x	L	P	3,080	12	x		
134	0	0	0	0	0	0	x	x		x	x	L	P	3,130	4	x		
135	1	1	0	0	1	0												
136	220	6	3	0	200	0			W								Dev	5,185
137	3	0	1	0	2	0	500	200		35.4	x	S	P	1,650	5	MF		
138	16	1	0	0	11	0	255	275	W	35.4	x	S	P	1,860	15	MF		
139	48	4	0	0	46	0	600	13		36.0	x	S	P	1,995	17	MF		
140	0	0	0	0	0	0	x	x		x	x	S	P	2,125	9	MF		
141	25	0	0	0	21	0	x	300		34.8	x	S	P	2,365	16	AL		
142	0	0	0	0	0	0	x	x		x	x	S	P	2,450	8	AL		
143	3	0	0	0	2	0	x	x		36	x	S	P	2,635	10	A		
144	0	0	0	0	2	0	x	x		36	x	S	P	x	x	A		
145	3	0	0	0	5	0	x	x		35.2	x	S	P	2,960	14	Af		
146	0	0	0	0	0	0	x	x		x	x	LS	P	3,000	13	Af		
147	21	0	0	0	19	0	475	175		36.0	x	S	P	3,045	18	Af		
148	2	0	0	0	3	0	x	x		40.0	x	L	P	3,110	5	AC		
149	2	0	0	0	0	0	x	x		x	x	L	P	3,130	10	AC		
150	70	1	0	0	48	0	x	90	W	36.0	x	L	P	3,140	12	A		
151	27	0	2	0	41	0												
152	23	4	1	0	22	0											MisL	3,233
153	5	0	0	0	5	0	x	x		x	x	S	P	2,800	7	A		
154	0	0	0	0	0	0	x	x		x	x	S	P	2,910	6	A		
155	1	0	0	0	1	0	x	x		x	x	S	P	2,920	6	A		
156	2	2	0	0	2	0	x	x		x	x	L	P	2,925	10	A		
157	3	0	1	0	4	0	x	x		39.4	0.14	S	P	3,020	17	A		
158	3	0	0	0	3	0	x	x		x	x	L	P	3,100	7	A		
159	0	0	0	0	0	0	x	x		x	x	L	P	3,125	7	A		
160	4	2	0	0	4	0	x	x		x	x	L	P	3,155	7	A		
161	5	0	0	0	3	0												
162	4	0	0	0	2	0											Dev	3,692
163	2	0	0	0	1	0	x	x		x	x	S	P	1,945	8	A		
164	2	0	0	0	1	0	x	x		36.2	0.26	S	P	2,085	10	A		
165	4	2	0	0	3	0	x	x		x	x	OL	P	2,960	5	MC	MisL	3,090
166	1	1	0	0	1	0	x	x		40.0	x	L	P	2,325	10	A	Ord	3,070
167	4	4	0	1	3	0											Dev	2,310
168	2	2	0	0	2	0	x	x		38.0	x	S	P	1,045	15	A		
169	1	1	0	1	0	0	x	x		38.0	x	S	P	1,165	12	A		
170	1	1	0	0	1	0	x	x		40.0	x	L	P	2,280	10	A		
171	76	5	1	0	33	0											MisL	3,878
172	3	2	0	0	3	0	x	x		x	x	S	P	3,325	15	AL		
173	1	1	0	0	1	0	x	x		x	x	OL	P	3,370	6	AC		
174	1	1	0	0	1	0	x	x		x	x	LS	P	3,400	9	AC		
175	68	1	1	0	27	0	x	x		37.6	0.17	OL	P	3,450	10	A		
176	0	0	0	0	0	0	x	x		x	x	L	P	3,795	8	AC		
177	3	0	0	0	1	0												
178	2	0	0	0	2	0	x	x		40.0	0.15	L	P	2,470	10	A	Dev	2,652
179	7	0	0	0	3	0	x	x		x	x	S	P	930	10	A	Dev	2,520
180	9	0	1	0	7	0	x	x		34.2	0.25	S	P	1,120	8	A	Dev	2,526

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
181	Beaver Creek South, *Clinton*	Bethel; MisU	1946	80	7	5	0	0	0
182	Belle Prairie, *Hamilton*		1940	210	356	75	0	0	0
183		Aux Vases; MisU[27]		10	x	x	0	0	0
184		McClosky; MisL		210	x	x	0	0	0
185		[9]							
186	Belle Rive, *Jefferson*	McClosky; MisL	1943	200	230	17	0	0	0
187	Beman, *Lawrence*		1942	350	152	38	0	0	0
188		Aux Vases; MisU		10	x	x	0	0	0
189		St. Genevieve; MisL		350	x	x	0	0	0
190		[9]							
191	Beman East, *Lawrence*		1947	80	70	23	0	0	0
192		Aux Vases; MisU		20	x	x	0	0	0
193		Rosiclare; MisL		60	x	x	0	0	0
194		McClosky; MisL		40	x	x	0	0	0
195		[9]							
196	Bend, *White*	Waltersburg; MisU	1941	10	23	1	0	0	0
197	Bennington, *Edwards- Wayne*		1943	800	1,170	74	0	0	0
198		Aux Vases; MisU		40	x	x	0	0	0
199		Ste. Genevieve; MisL		800	x	x	0	0	0
200	Bennington South, *Edwards*[29]	McClosky; MisL	1944	20	10	0	0	0	0
201	Benton, *Franklin*		1941	2,300	19,742	653	0	0	0
202		Pennsylvania; Pen		10	x	x	0	0	0
203		Tar Springs; MisU		2,300	x	x	0	0	0
204	Benton North, *Franklin*		1941	220	458	41	0	0	0
205		Cypress; MisU		10	x	x	0	0	0
206		Paint Creek; MisU		70	x	x	0	0	0
207		Bethel; MisU		30	x	x	0	0	0
208		Aux Vases; MisU		40	x	x	0	0	0
209		Lower Ohara; MisL		80	x	x	0	0	0
210		Rosiclare; MisL		20	x	x	0	0	0
211		McClosky; MisL		40	x	x	0	0	0
212		[9]							
213	Berryville, *Wabash*	Ste. Genevieve; MisL	1947	200	243,000	154	0	0	0
214	Bessie, *Franklin*	Lower Ohara; MisL	1943	40	36	4	0	0	0
215	Bible Grove Consolidated, *Clay-Effingham*[30]		1942	4,930	8,758	1,281	0	0	0
216		Cypress; MisU		3,070	x	x	0	0	0
217		Bethel; MisU		60	x	x	0	0	0
218		Aux Vases; MisU		130	x	x	0	0	0
219		Ste. Genevieve; MisL		1,750	x	x	0	0	0
220		[9]							
221	Bible Grove North, *Effingham*		1947	120	34	12	0	0	0
222		Cypress; MisU		40	x	x	0	0	0
223		Rosiclare; MisL		20	1	1	0	0	0
224		McClosky; MisL		60	x	x	0	0	0
225		[9]							
226	Bible Grove South, *Clay*		1942	20	57	6	0	0	0
227		Cypress; MisU		10	x	x	0	0	0
228		Aux Vases; MisU		10	x	x	0	0	0
229	Blairsville, *Hamilton*		1942	620	1,591	94	0	0	0
230		Aux Vases; MisU		500	x	x	0	0	0
231		Lower Ohara; MisL		40	x	x	0	0	0
232		Rosiclare; MisL[28]		10	x	x	0	0	0
233		McClosky; MisL		210	x	x	0	0	0
234		[9]							
235	Bogota, *Jasper*	McClosky; MisL	1943	200	377	20	0	0	0
236	Bogota South, *Jasper*	McClosky; MisL	1944	20	16	3	0	0	0
237	Bone Gap, *Edwards*		1941	660	873	64	0	0	0
238		Rosiclare; MisL[28]		10	x	x	0	0	0
239		McClosky; MisL		660	x	x	0	0	0
240	Bone Gap South, *Edwards*		1947	100	148	71	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]		Secondary Recovery[j]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft. / Net[l]	Structure[m]	Name	Depth of Hole, Ft.
181	7	2	2	0	5	0	x	x		x	x	S	P	1,140	5	A	MisL	1,395
182	11	5	0	0	10	0											MisL	3,580
183	0	0	0	0	0	0	x	x		37.0	x	S	P	3,250	8	A		
184	10	4	0	0	9	0	x	x		38.0	0.12	L	P	3,420	6	A		
185	1	1	0	0	1	0												
186	5	0	0	0	4	0	x	x		39.4	0.50	L	P	3,085	6	AC	MisL	3,201
187	21	0	1	0	17	0											MisL	2,000
188	1	0	0	0	0	0	x	x		x	x	S	P	1,805	20	AL		
189	18	0	1	0	15	0	x	x		x	x	L	P	1,850	7	A		
190	2	0	0	0	2	0												
191	5	0	0	0	3	0											MisL	1,907
192	1	0	0	0	1	0	x	x		x	x	S	P	1,805	12	AL		
193	2	0	0	0	1	0	x	x		x	x	L	P	1,860	8	AC		
194	1	0	0	0	1	0	x	x		x	x	L	P	1,880	4	AC		
195	1	0	0	0	0	0												
196	1	0	0	0	1	0	x	x		x	x	S	P	2,350	14	x	MisL	3,135
197	39	1	1	0	34	0											MisL	3,372
198	4	1	0	0	2	0	x	x		x	x	S	P	3,140	20	ML		
199	35	0	1	0	32	0	x	x		x	x	L	P	3,240	8	MC		
200	1	0	0	0	0	0	x	x		x	x	L	P	3,240	8	MC	MisL	3,419
201	243	0	0	0	234	0											MisL	3,205
202	0	0	0	0	1	0	x	x		x	x	S	P	1,700	9	A		
203	243	0	0	0	233	0	x	x		38.0	x	S	P	1,740	10	A		
204	17	1	0	0	12	0											MisL	2,963
205	1	0	0	0	0	0	x	x		x	x	S	P	2,440	18	A		
206	6	1	0	0	6	0	x	x		x	x	S	P	2,595	9	A		
207	1	0	0	0	1	0	x	x		38.4	0.15	S	P	2,600	20	A		
208	2	0	0	0	0	0	x	x		37.0	0.15	S	P	2,685	10	AL		
209	2	0	0	0	1	0	x	x		37.4	0.70	L	P	2,745	10	AC		
210	2	0	0	0	0	0	x	x		38.4	0.15	S	P	2,800	8	AL		
211	0	0	0	0	1	0	x	x		x	x	L	P	2,850	5	AC		
212	3	0	0	0	3	0												
213	10	4	0	0	10	0	x	x		36.0	x	L	P	2,900	6	MC	MisL	3,013
214	1	0	0	0	1	0	x	x		38.8	0.15	L	P	2,895	10	x	MisL	3,459
215	293	29	9	0	274	0											MisL	3,066
216	193	8	3	0	186	0	x	x		38.0	0.13	S	P	2,490	10	A		
217	5	3	0	0	4	0	x	x		x	x	S	P	2,680	18	A		
218	10	6	0	0	9	0	x	x		x	x	S	P	2,795	15	A		
219	76	11	6	0	66	0	x	x		40.0	0.17	OL	P	2,830	8	A		
220	9	1	0	0	9	0												
221	6	0	0	0	6	0											MisL	2,999
222	2	0	0	0	1	0	x	x		x	x	S	P	2,535	7	M		
223	1	0	0	0	1	0	x	x		x	x	SL	P	2,835	5	M		
224	2	0	0	0	2	0	x	x		x	x	L	P	2,875	5	M		
225	1	0	0	0	2	0												
226	2	0	0	0	2	0											MisL	2,929
227	1	0	0	0	1	0	x	x		x	x	S	P	2,500	10	x		
228	1	0	0	0	1	0	x	x		x	x	S	P	2,750	10	x		
229	30	0	0	0	28	0			W								MisL	3,530
230	20	0	0	0	18	0	x	x		38.1	x	S	P	3,280	20	AL		
231	1	0	0	0	1	0	x	x		x	x	L	P	3,335	8	AC		
232	0	0	0	0	0	0	x	x		x	x	S	P	3,365	7	AC		
233	6	0	0	0	5	0	x	x	W	38.6	0.13	L	P	3,425	8	AC		
234	3	0	0	0	4	0												
235	7	0	0	0	7	0	x	x		35.0	x	L	P	3,110	7	A	MisL	3,235
236	1	0	0	0	1	0	x	x		36.4	x	L	P	3,055	10	ML	MisL	3,185
237	20	1	1	0	11	0											MisL	3,350
238	0	0	0	0	0	0	x	x		x	x	L	P	3,230	6	A		
239	20	1	1	0	11	0	x	x		40.5	0.33	L	P	3,240	6	A		
240	9	3	1	0	8	0											MisL	3,191

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
241		Cypress; MisU		40	116	50	0	0	0
242		Aux Vases; MisU		10	8	4	0	0	0
243		McClosky; MisL		80	24	17	0	0	0
244	Bonpas, *Richland*	McClosky; MisL	1941	100	131	16	0	0	0
245	Boulder, *Clinton*		1941	560	3,328	373	200	*x*	0
246		Bethel; MisU		420	*x*	*x*	0	0	0
247		Devonian; Dev		290	*x*	*x*	200	*x*	0
248	Boyd, *Jefferson*		1944	1,300	5,461	1,206	0	0	0
249		Bethel; MisU		1,280	*x*	*x*	0	0	0
250		Aux Vases; MisU		530	*x*	*x*	0	0	0
251		Lower Ohara; MisL[27]		40	*x*	*x*	0	0	0
252		[9]							
253	Browns, *Edwards-Wabash*		1943	790	1,021	264	0	0	0
254		Tar Springs; MisU[28]		10	*x*	*x*	0	0	0
255		Cypress; MisU		320	*x*	*x*	0	0	0
256		Bethel; MisU		30	*x*	*x*	0	0	0
257		Lower Ohara; MisL		40	*x*	*x*	0	0	0
258		Rosiclare; MisL[28]		10	*x*	*x*	0	0	0
259		McClosky; MisL		600	*x*	*x*	0	0	0
260		[9]							
261	Browns East, *Wabash*	Cypress; MisU	1946	580	657	371	0	0	0
262	Browns South, *Edwards*		1943	50	15	4	0	0	0
263		Bethel; MisU		40	*x*	*x*	0	0	0
264		Aux Vases; MisU[27]		10	*x*	*x*	0	0	0
265		[9]							
266	Bungay Consolidated, *Hamilton*		1941	1,020	2,838	400	0	0	0
267		Aux Vases; MisU[27]		1,000	*x*	*x*	0	0	0
268		Rosiclare; MisL		10	*x*	*x*	0	0	0
269		McClosky; MisL		60	*x*	*x*	0	0	0
270		[9]							
271	Burnt Prairie South, *White*	McClosky; MisL	1947	20	3	2	0	0	0
272	Calhoun Consolidated, *Richland-Wayne*		1944	1,660	2,163	169	0	0	0
273		Lower Ohara; MisL		440	*x*	*x*	0	0	0
274		Rosiclare; MisL		290	*x*	*x*	0	0	0
275		McClosky; MisL		960	*x*	*x*	0	0	0
276		[9]							
277	Calhoun North, *Richland*		1944	40	31	5	0	0	0
278		Rosiclare; MisL[27]		20	*x*	*x*	0	0	0
279		McClosky; MisL[27]		40	*x*	*x*	0	0	0
280		[9]							
281	Carlinville North, *Macoupin*	Pottsville; Pen	1941	80	0.8	*x*	0	0	0
282	Carmi, *White*[31]	McClosky; MisL	1940	30	6	0	0	0	0
283	Carmi North, *White*		1942	30	123	11	0	0	0
284		Cypress; MisU[27]		10	*x*	*x*	0	0	0
285		Aux Vases; MisU		30	*x*	*x*	0	0	0
286		[9]							
287	Centerville, *White*	McClosky; MisL	1940	120	306	17	0	0	0
288	Centerville East, *White*		1941	700	1,806	85	0	0	0
289		Tar Springs; MisU		390	*x*	*x*	0	0	0
290		Cypress; MisU		40	*x*	*x*	0	0	0
291		Bethel; MisU		20	*x*	*x*	0	0	0
292		Aux Vases; MisU		70	*x*	*x*	0	0	0
293		Lower Ohara; MisL[27]		20	*x*	*x*	0	0	0
294		McClosky; MisL		170	*x*	*x*	0	0	0
295		[9]							
296	Centerville North, *White*[32]	Bethel; MisU	1947	10	0	0	0	0	0
297	Centralia, *Clinton-Marion*		1937	3,000	32,273	1,247	0	0	0
298		Cypress; MisU		*x*	*x*	*x*	0	0	0
299		Bethel; MisU		*x*	*x*	*x*	0	0	0
300		Devonian; Dev		*x*	19,511	600	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]			Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[g]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg./End 1948	Secondary Recovery[j]	Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
241	4	0	0	0	4	0	x	x		x	x	S	P	2,710	10	A		
242	1	0	0	0	1	0	x	x		x	x	S	P	3,020	9	A		
243	4	3	1	0	3	0	x	x		x	x	L	P	3,055	6	MC		
244	5	1	0	0	4	0	x	x		37.4	0.34	L	P	3,120	6	MC	MisL	3,220
245	36	0	2	1	29	0											Dev	2,841
246	25	0	1	0	23	0	x	x		36.0	x	S	P	1,190	20	A		
247	11	0	1	1	6	0	x	x		28.2	0.33	L	C	2,630	5	A		
248	114	0	0	0	112	0			W G								Dev	3,870
249	72	0	0	0	71	0	345	167	W	39.4	0.14	S	P	2,050	18	A		
250	5	0	0	0	0	0	275	x	G	39.4	x	S	P	2,130	15	A		
251	0	0	0	0	0	0	x	x		39.3	x	L	P	2,230	2	A		
252	37	0	0	0	41	0												
253	47	5	1	0	41	0											MisL	3,113
254	0	0	0	0	0	0	x	x		x	x	S	P	2,365	14	AL		
255	8	0	0	0	7	0	1,050	148		34.7	0.18	S	P	2,640	13	AL		
256	1	0	0	0	1	0	x	219		34.7	x	S	P	2,785	12	A		
257	2	0	0	0	1	0	x	x		x	x	L	P	2,965	4	A		
258	0	0	0	0	0	0	x	x		x	x	L	P	2,975	3	A		
259	27	5	1	0	21	0	x	x		35.0	x	L	P	3,000	6	A		
260	9	0	0	0	11	0												
261	46	10	0	0	43	0	1,035	x	W	36.0	x	S	P	2,570	10	ML	MisL	3,058
262	4	0	0	0	2	0											MisL	3,190
263	3	0	0	0	1	0	x	x		x	x	S	P	2,850	15	N		
264	0	0	0	0	0	0	x	x		x	x	S	P	2,955	5	N		
265	1	0	0	0	1	0												
266	87	9	4	0	80	0											MisL	3,565
267	83	8	4	0	76	0	x	x		37.0	0.24	S	P	3,290	18	AL		
268	1	1	0	0	1	0	x	x		x	x	L	P	3,395	8	AC		
269	2	0	0	0	0	0	x	x		36.8	0.24	L	P	3,430	5	AC		
270	1	0	0	0	3	0												
271	1	0	0	0	1	0	x	x		36.0	x	L	P	3,415	6	x	MisL	3,552
272	88	0	4	0	81	0											MisL	3,323
273	25	0	2	0	22	0	x	x		x	x	OL	P	3,140	9	A		
274	2	0	0	0	2	0	x	x		x	x	OL	P	3,160	6	A		
275	46	0	2	0	42	0	x	x		37.0	0.15	OL	P	3,180	9	A		
276	15	0	0	0	15	0												
277	2	0	0	0	1	0											MisL	3,280
278	0	0	0	0	0	0	x	x		x	x	S	P	3,155	10	A		
279	0	0	0	0	0	0	x	x		x	x	OL	P	3,170	11	A		
280	2	0	0	0	1	0												
281	5	0	0	0	0	0	x	x		20.3	0.35	S	P	440	10	x	Pen	562
282	2	0	0	0	0	0	x	x		x	x	OL	P	3,150	6	MCf	MisL	3,236
283	3	0	0	0	3	0											MisL	3,418
284	0	0	0	0	0	0	x	x		38.0	x	S	P	2,930	10	Af		
285	3	0	0	0	2	0	x	x		37.0	0.14	S	P	3,220	14	Af		
286	0	0	0	0	1	0												
287	5	0	1	0	4	0	x	x		36.8	0.17	OL	P	3,370	6	AC	MisL	3,650
288	47	1	2	0	41	0											MisL	3,368
289	26	1	0	0	26	0	x	x		37.2	0.20	S	P	2,460	24	ALf		
290	3	0	1	0	1	0	x	x		36.0	x	S	P	2,915	6	AL		
291	2	0	0	0	1	0	x	x		36.0	x	S	P	2,990	20	AL		
292	5	0	0	0	5	0	x	x		36.0	x	S	P	3,075	21	AL		
293	0	0	0	0	0	0	x	x		36.0	x	OL	P	3,175	5	AC		
294	10	0	1	0	5	0	x	x		40.0	x	OL	P	3,230	7	AC		
295	1	0	0	0	3	0												
296	1	0	1	0	0	0	x	x		x	x	S	P	2,990	13	ML	MisL	3,303
297	949	16	20	0	483	0											Ord	4,170
298	48	2	5	0	79	0	x	x		36.4	0.20	S	P	1,200	12	A		
299	565	0	10	0	252	0	x	x		37.7	0.17	S	P	1,355	20	A		
300	319	0	3	0	107	0	x	x		37.4	0.38	L	C	2,870	9	A		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
301		Trenton ; Ord		x	219	180	0	0	0
302		[9]							
303	Centralia West, *Clinton*	Bethel; MisU	1940	90	330	19	0	0	0
304	Cisne North, *Wayne*		1942	110	21,000	7	0	0	0
305		Aux Vases; MisU		10	2	2	0	0	0
306		McClosky; MisL		100	19	5	0	0	0
307	Clarksburg, *Shelby*	Bethel; MisU	1946	20	6	2	0	0	0
308	Clay City-Noble Consolidated, *Clay-Wayne-Richland-Jasper*[33]		1937	51,000	117,674	8,641	40	x	x
309		Cypress; MisU		3,900	x	x	40	x	x
310		Bethel; MisU		20	x	x	0	0	0
311		Aux Vases; MisU		5,600	x	x	0	0	0
312		Lower Ohara; MisL		2,200	x	x	0	0	0
313		Rosiclare; MisL		3,400	x	x	0	0	0
314		McClosky; MisL		40,000	x	x	0	0	0
315		[9]							
316	Clay City North, *Clay*		1948	300	261	261	0	0	0
317		Cypress; MisU		20	x	x	0	0	0
318		Rosiclare; MisL		120	x	x	0	0	0
319		McClosky; MisL		180	x	x	0	0	0
320		[9]							
321	Clay City West, *Clay*		1941	460	1,164	35	0	0	0
322		Cypress; MisU		10	19	3	0	0	0
323		McClosky; MisL		450	1,145	32	0	0	0
324	Coil, *Wayne*		1942	460	1,106	56	0	0	0
325		Aux Vases; MisU		440	1,105	56	0	0	0
326		McClosky; MisL		20	1	0	0	0	0
327	Coil West, *Jefferson*		1942	340	403	38	0	0	0
328		Aux Vases; MisU		70	x	x	0	0	0
329		Lower Ohara; MisL		80	x	x	0	0	0
330		McClosky; MisL		210	x	x	0	0	0
331		[9]							
332	Concord, *White*		1942	1,150	2,848	491	0	0	0
333		Tar Springs; MisU		210	x	x	0	0	0
334		Cypress; MisU		290	x	x	0	0	0
335		Aux Vases; MisU		370	x	x	0	0	0
336		Lower Ohara; MisL		50	x	x	0	0	0
337		McClosky; MisL		800	x	x	0	0	0
338		[9]							
339	Concord Central, *White*		1947	60	96	35	0	0	0
340		Cypress; MisU[27]		10	x	x	0	0	0
341		Aux Vases; MisU		40	x	x	0	0	0
342		McClosky; MisL		40	x	x	0	0	0
343		[9]							
344	Concord East, *White*	Lower Ohara; MisL	1942	40	11	1	0	0	0
345	Concord North, *White*		1946	60	96	16	0	0	0
346		Aux Vases; MisU		60	x	x	0	0	0
347		McClosky; MisL		20	x	x	0	0	0
348	Concord South, *White*	Tar Springs; MisU	1944	30	17	1	0	0	0
349	Cooks Mills, *Coles*[34]	Aux Vases; MisU	1941	20	6	0	0	0	0
350	Cooks Mills North, *Coles*	Rosiclare; MisL	1946	20	.2	0	0	0	0
351	Cordes, *Washington*	Bethel; MisU	1939	1,440	3,898	216	0	0	0
352	Cottonwood, *Gallatin*	Tar Springs; MisU	1947	20	7	6	40	0	0
353	Covington South, *Wayne*	McClosky; MisL	1943	320	139	9	0	0	0
354	Craig, *Perry*	"Trenton"; Ord	1948	20	0.2	0.2	0	0	0
355	Cravat, *Jefferson*	Bethel; MisU	1939	120	278	11	0	0	0
356	Crossville, *White*		1946	90	10	8	0	0	0
357		Bethel; MisU		10	x	x	0	0	0
358		Lower Ohara; MisL		20	x	x	0	0	0
359		McClosky; MisL		60	.3	.3	0	0	0
360	Dahlgren, *Hamilton*	McClosky, MisL	1941	610	1,035	41	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
301	17	14	0	0	20	0	1,630	x		40.5	x	L	C	3,930	40	A		
302	0	0	2	0	25	0												
303	9	0	2	0	6	0	x	x		37.8	0.17	S	P	1,440	9	N	MisU	1,531
304	6	4	0	2	3	0											MisL	3,290
305	1	1	0	0	1	0	x	x		38.0	x	S	P	3,050	11	ML		
306	5	3	0	2	2	0	x	x		37.0	x	L	P	3,170	10	MC		
307	2	0	0	0	1	0	x	x		33.5	x	S	P	1,770	6	A	MisL	2,012
308	2,713	229	73	1	2,238	1			W								St. Peter	7,205
309	217	20	6	0	240	1	x	x		38.0	x	S	P	2,635	16	A		
310	0	0	0	0	3	0	x	x		x	x	S	P	2,800	15	AL		
311	425	108	5	0	412	0	x	x		39.0	x	S	P	2,940	15	AL		
312	60	9	2	0	47	0	x	x		38.0	x	L	P	3,020	5	AC		
313	123	14	5	0	97	0	x	x		38.0	x	OL	P	3,030	8	AC		
314	1,780	60	50	1	1,237	0	x	x	W	40.0	x	OL	P	3,050	10	AC		
315	108	18	5	0	202	0												
316	15	15	1	0	14	0											MisL	3,135
317	2	2	0	0	2	0	x	x		x	x	S	P	2,650	6	A		
318	5	5	1	0	3	0	x	x		x	x	L	P	3,010	5	AC		
319	7	7	0	0	9	0	x	x		x	x	L	P	3,020	10	AC		
320	1	1	0	0	0	0												
321	17	0	0	0	17	0											MisL	3,218
322	1	0	0	0	1	0	x	x		x	x	S	P	2,700	10	A		
323	16	0	0	0	16	0	x	x		39.4	0.12	OL	P	3,065	15	A		
324	17	0	0	0	16	0											MisL	3,250
325	16	0	0	0	16	0	x	x		33.8	0.13	S	P	2,920	15	A		
326	1	0	0	0	0	0	x	x		35.0	0.17	OL	P	2,970	5	AC		
327	15	1	0	0	12	0											MisL	3,022
328	4	0	0	0	5	0	x	x		x	x	S	P	2,720	15	AL		
329	1	0	0	0	2	0	x	x		x	x	L	P	2,790	7	AC		
330	6	1	0	0	2	0	x	x		x	x	L	P	2,880	8	AC		
331	4	0	0	0	3	0												
332	99	0	2	0	95	0											MisL	3,115
333	15	0	0	0	14	0	x	x		36.0	x	S	P	2,270	11	AL		
334	9	0	0	0	8	0	x	x		x	x	S	P	2,625	10	AL		
335	17	0	0	0	13	0	x	x		36.0	0.15	S	P	2,905	14	AL		
336	1	0	0	0	1	0	x	x		x	x	OL	P	2,930	8	AC		
337	44	0	2	0	40	0	x	x		37.0	x	OL	P	2,990	10	AC		
338	13	0	0	0	19	0												
339	5	0	0	0	5	0											MisL	3,056
340	0	0	0	0	0	0	x	x		x	x	S	P	2,610	13	AL		
341	3	0	0	0	3	0	x	x		x	x	S	P	2,900	15	AL		
342	1	0	0	0	1	0	x	x		x	x	L	P	2,970	7	AC		
343	1	0	0	0	1	0												
344	1	0	0	0	1	0	x	x		x	x	L	P	2,895	8	MC	MisL	3,030
345	4	0	0	0	4	0											MisL	3,138
346	4	0	0	0	3	0	x	x		x	x	S	P	2,950	10	A		
347	0	0	0	0	1	0	900	x		38.0	x	L	P	3,035	6	A		
348	3	0	0	0	1	0	x	x		x	x	S	P	2,300	10	A	MisL	3,115
349	2	0	0	0	0	0	x	x		36.4	x	S	P	1,820	6	A	Dev	3,220
350	1	0	0	0	0	0	x	x		x	x	S	P	1,780	10	A	MisL	1,843
351	142	0	0	0	128	0	x	x		36.5	0.19	S	P	1,260	14	A	Dev	2,887
352	3	0	0	0	2	0	x	x		x	x	S	P	2,315	6	MF	MisL	3,151
353	8	0	1	0	6	0	x	x		39.4	0.18	L	P	3,310	5	AC	MisL	3,397
354	1	1	0	0	1	0	x	x		35.0	x	L	P	3,650	20	x	Ord	3,735
355	11	0	0	0	9	0	x	x		35.4	0.23	S	P	2,070	10	A	MisL	2,352
356	5	4	1	0	4	0											MisL	3,250
357	1	1	0	0	1	0	x	x		x	x	S	P	2,880	9	N		
358	1	1	1	0	0	0	x	x		x	x	L	P	3,100	3	N		
359	3	2	0	0	3	0	x	x		x	x	L	P	3,120	5	N		
360	42	1	0	0	7	0	x	x		39.2	0.16	L	P	3,300	11	A	MisL	3,493

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
361	Dale-Hoodville Consolidated, *Hamilton*		1940	5,300	25,431	1,332	0	0	0
362		Tar Springs; MisU		450	x	x	0	0	0
363		Cypress; MisU		530	x	x	0	0	0
364		Paint Creek; MisU		100	x	x	0	0	0
365		Bethel; MisU		1,410	x	x	0	0	0
366		Aux Vases; MisU		3,970	x	x	0	0	0
367		Lower Ohara; MisL		300	x	x	0	0	0
368		Rosiclare; MisL		30	x	x	0	0	0
369		McClosky; MisL		110	x	x	0	0	0
370		[9]							
371	Divide, *Jefferson*	McClosky; MisL	1943	300	339	18	0	0	0
372	Divide East, *Jefferson*		1947	280	154	153	0	0	0
373		Aux Vases; MisU		60	x	x	0	0	0
374		Rosiclare; MisL		30	x	x	0	0	0
375		McClosky; MisL		200	x	x	0	0	0
376		[9]							
377	Divide South, *Jefferson*	McClosky; MisL	1948	100	67	67	0	0	0
378	Divide West, *Jefferson*		1944	1,020	2,237	170	0	0	0
379		Lower Ohara; MisL[28]		100	x	x	0	0	0
380		Rosiclare; MisL[27]		10	x	x	0	0	0
381		McClosky; MisL		1,020	x	x	0	0	0
382		[9]							
383	Dix, *Jefferson-Marion*		1938	1,800	5,769	406	0	0	0
384		Bethel; MisU		1,750	x	x	0	0	0
385		Aux Vases; MisU		10	x	x	0	0	0
386		Rosiclare; MisL		50	x	x	0	0	0
387	Dix South, *Jefferson*[35]	Bethel; MisU	1941	20	13	0	0	0	0
388	Dubois, *Washington*		1939	130	169	10	320	0	0
389		Cypress; MisU		0	x	0	320	0	0
390		Bethel; MisU		130	169	10	0	0	0
391	Dubois West, *Washington*		1942	10	10	1	0	0	0
392		Cypress; MisU[27]		10	x	x	0	0	0
393		Bethel; MisU[27]		10	x	x	0	0	0
394		[9]							
395	Dundas East, *Richland-Jasper*		1942	900	975	184	0	0	0
396		Lower Ohara; MisL		140	x	x	0	0	0
397		Rosiclare; MisL		20	x	x	0	0	0
398		McClosky; MisL		80	x	x	0	0	0
399		[9]							
400	Eberle, *Effingham*		1947	70	43	11	0	0	0
401		Cypress; MisU		10	x	x	0	0	0
402		McClosky; MisL		60	x	x	0	0	0
403	Eldorado, *Saline*		1941	40	12	1	0	0	0
404		Tar Springs; MisU		20	x	0	0	0	0
405		Aux Vases; MisU		20	x	1	0	0	0
406		McClosky; MisL		30	x	0	0	0	0
407	Elk Prairie, *Jefferson*[36]	McClosky; MisL	1938	10	0.7	0	0	0	0
408	Elkville, *Jackson*	Bethel; MisU	1941	10	3	0	0	0	0
409	Ellery, *Edwards-Wayne*		1941	40	61	6	0	0	0
410		Aux Vases; MisU[27]		10	x	x	0	0	0
411		McClosky; MisL		40	x	x	0	0	0
412		[9]							
413	Ellery North, *Edwards*[37]		1942	30	3	0	0	0	0
414		Rosiclare; MisL		10	0	0	0	0	0
415		McClosky; MisL		20	3	0	0	0	0
416	Ellery South, *Edwards*		1943	90	116	12	0	0	0
417		Aux Vases; MisU		10	x	x	0	0	0
418		McClosky; MisL		80	x	x	0	0	0
419	Elliottstown, *Effingham*	Rosiclare; MisL	1947	20	10	3	0	0	0
420	Epworth, *White*	Clore; MisU	1941	130	294	18	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[g]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft., [l] Net	Structure[m]	Name	Depth of Hole, Ft.
361	458	14	11	0	376	0			G								Dev	5,354
362	26	0	0	0	34	0	x	x	G	x	x	S	P	2,430	25	A		
363	42	0	0	0	29	0	x	x		37.6	0.25	S	P	2,680	20	A		
364	7	1	2	0	25	0	x	x		x	x	S	P	2,900	17	A		
365	96	4	2	0	56	0	x	x	G	39.0	0.19	S	P	2,950	18	A		
366	211	8	2	0	131	0	x	x	G	39.0	0.15	S	P	3,020	19	A		
367	14	0	0	0	1	0	x	x		x	x	L	P	3,050	6	AC		
368	1	0	1	0	0	0	x	x		38.6	x	LS	P	3,060	10	AC		
369	12	0	0	0	7	0	x	x		40.0	0.19	L	P	3,075	5	AC		
370	49	1	4	0	93	0												
371	11	0	0	0	9	0	x	x		x	x	L	P	2,750	6	AC	MisL	2,921
372	20	19	0	0	19	0											MisL	2,879
373	4	4	0	0	4	0	x	x		38.0	x	S	P	2,620	10	AC		
374	2	2	0	0	2	0	x	x		39.0	x	L	P	2,700	10	AC		
375	13	12	0	0	12	0	x	x		37.0	x	L	P	2,750	5	AC		
376	1	1	0	0	1	0												
377	4	4	0	0	4	0	x	x		37.5	x	L	P	2,880	5	x	MisL	2,973
378	46	1	0	0	44	0											MisL	2,902
379	0	0	0	0	0	0	x	x		x	x	L	P	2,680	10	AC		
380	0	0	0	0	0	0	x	x		x	x	LS	P	2,700	6	AC		
381	37	1	0	0	42	0	x	x		36.8	0.21	L	P	2,750	6	AC		
382	9	0	0	0	2	0												
383	99	0	1	0	89	0											Dev	3,874
384	94	0	1	0	84	0	735	222		38.0	0.18	S	P	1,950	17	A		
385	0	0	0	0	1	0	x	x		x	x	S	P	2,000	5	A		
386	5	0	0	0	4	0	x	x		x	x	S	P	2,100	5	A		
387	2	0	0	0	0	0	x	x		x	x	S	P	1,950	8	N	MisL	2,283
388	18	3	0	0	6	0											MisL	1,682
389	8	3	0	0	0	0	x	x				S	P	1,185	16	AL		
390	10	0	0	0	6	0	x	x		31.5	0.26	S	P	1,370	7	AL		
391	1	0	0	0	1	0											MisL	1,685
392	0	0	0	0	0	0	x	x		x	x	S	P	1,180	10	AL		
393	0	0	0	0	0	0	x	x		x	x	S	P	1,350	10	AL		
394	1	0	0	0	1	0												
395	36	20	0	0	34	0			W								MisL	3,132
396	21	5	0	0	3	0	x	x		x	x	OL	P	2,905	10	A		
397	1	1	0	0	1	0	x	x		x	x	OL	P	2,920	8	A		
398	13	13	0	0	29	0	x	x	W	x	x	OL	P	2,950	10	A		
399	1	1	0	0	1	0												
400	5	0	0	0	5	0											MisL	2,866
401	1	0	0	0	1	0	x	x		x	x	S	P	2,475	10	N		
402	4	0	0	0	4	0	x	x		x	x	L	P	2,820	7	N		
403	2	0	0	0	1	0											MisL	3,144
404	0	0	0	0	0	0	x	x		x	x	S	P	2,205	17	A		
405	1	0	0	0	1	0	x	x		x	x	S	P	2,865	15	A		
406	1	0	0	0	0	0	x	x		34.2	0.14	L	P	2,945	5	A		
407	1	0	0	0	0	0	x	x		x	x	L	P	2,735	7	x	MisL	2,958
408	1	0	0	0	0	0	x	x		35.8	0.22	S	P	2,000	10	x	MisL	2,387
409	2	0	0	0	2	0											MisL	3,365
410	0	0	0	0	0	0	x	x		x	x	S	P	3,240	20	AL		
411	2	0	0	0	1	0	x	x		x	x	L	P	3,345	10	A		
412	0	0	0	0	1	0												
413	2	1	0	0	0	0											MisL	3,496
414	1	1	0	0	0	0	x	x		x	x	L	P	3,320	10	MC		
415	1	0	0	0	0	0	x	x		37.6	0.19	L	P	3,420	7	MC		
416	5	0	0	0	4	0											MisL	3,412
417	1	0	0	0	1	0	x	x		x	x	S	P	3,210	20	ML		
418	4	0	0	0	3	0	x	x		39.0	x	L	P	3,300	9	MC		
419	1	0	0	0	1	0	x	x		x	x	S	P	2,730	8	x	MisL	2,884
420	10	0	0	0	6	0	x	x		32.6	x	S	P	2,100	10	A	MisL	3,195

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
421	Epworth East, *White*		1946	80	91	39	0	0	0
422		Tar Springs; MisU		40	*x*	*x*	0	0	0
423		Cypress; MisU		20	*x*	*x*	0	0	0
424		Aux Vases; MisU		20	5	1	0	0	0
425	Evers, *Effingham*	McClosky; MisL	1948	20	1	1	0	0	0
426	Evers South, *Effingham*	Rosiclare; MisL	1948	20	2	2	0	0	0
427	Ewing, *Franklin*		1944	160	249	33	0	0	0
428		Aux Vases; MisU		20	*x*	*x*	0	0	0
429		Lower Ohara; MisL[27]		20	*x*	*x*	0	0	0
430		McClosky; MisL		140	*x*	*x*	0	0	0
431		[9]							
432	Exchange, *Marion*	McClosky; MisL	1943	80	44	5	0	0	0
433	Fairfield, *Wayne*	Aux Vases; MisU	1942	140	201	178	0	0	0
434	Fairfield East, *Wayne*	Aux Vases; MisU	1947	10	4	3	0	0	0
435	Fairman, *Marion-Clinton*	Bethel; MisU	1939	250	1,275	39	0	0	0
436	Fitzgerrell, *Jefferson*		1944	10	10	2	0	0	0
437		Bethel; MisU		10	*x*	*x*	0	0	0
438		Aux Vases; MisU		10	*x*	*x*	0	0	0
439	Flora, *Clay*		1938	640	849	45	0	0	0
440		Bethel; MisU		30	*x*	*x*	0	0	0
441		Aux Vases; MisU[28]		10	*x*	*x*	0	0	0
442		McClosky; MisL		610	*x*	*x*	0	0	0
443		[9]							
444	Flora South, *Clay*	McClosky; MisL	1946	40	69	13	0	0	0
445	Friendsville, *Wabash*		1941	210	61	1	0	0	0
446		Biehl; Pen		100	*x*	*x*	0	0	0
447		Palestine; MisU		10	*x*	*x*	0	0	0
448		Bethel; MisU		10	*x*	*x*	0	0	0
449		Lower Ohara; MisL		110	*x*	*x*	0	0	0
450		McClosky; MisL		40	*x*	*x*	0	0	0
451		[9]							
452	Friendsville Central, *Wabash*	Bethel; MisU	1946	30	16	5	0	0	0
453	Friendsville North, *Wabash*	Biehl; Pen	1946	160	60	37	0	0	0
454	Friendsville South, *Wabash*		1942	450	737	89	0	0	0
455		Biehl; Pen		140	*x*	*x*	0	0	0
456		Palestine; MisU		100	*x*	*x*	0	0	0
457		Cypress; MisU		310	*x*	*x*	0	0	0
458		Paint Creek; MisU		30	*x*	*x*	0	0	0
459		Lower Ohara; MisL		20	*x*	*x*	0	0	0
460		McClosky; MisL		80	*x*	*x*	0	0	0
461		[9]							
462	Gays, *Moultrie*	Aux Vases; MisU	1946	10	.3	.2	0	0	0
463	Goldengate Consolidated, *Wayne-White*[38]		1939	2,220	3,598	318	0	0	0
464		Aux Vases; MisU		300	*x*	*x*	0	0	0
465		Lower Ohara; MisL		140	*x*	*x*	0	0	0
466		Rosiclare; MisL		120	*x*	*x*	0	0	0
467		McClosky; MisL		2,040	*x*	*x*	0	0	0
468		[9]							
469	Goldengate North, *Wayne*	McClosky; MisL	1945	40	24	5	0	0	0
470	Goldengate West, *Wayne*	Aux Vases; MisU	1948	10	3	3	0	0	0
471	Gossett, *White*[39]	McClosky; MisL	1943	40	.7	0	0	0	0
472	Grayville West, *White*		1941	290	200	143	0	0	0
473		Biehl; Pen		120	*x*	*x*	0	0	0
474		Cypress; MisU		40	*x*	*x*	0	0	0
475		Bethel; MisU		70	*x*	*x*	0	0	0
476		Aux Vases; MisU		60	*x*	*x*	0	0	0
477		McClosky; MisL		40	*x*	*x*	0	0	0
478		[9]							
479	Half Moon, *Wayne*		1947	60	10	9	0	0	0
480		Rosiclare; MisL		20	1	0	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[j]	Character of Oil[k]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[g]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg./End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft. / Net	Structure[m]	Name	Depth of Hole, Ft.
421	6	0	0	0	6	0											MisL	3,127
422	4	0	0	0	3	0	x	x		x	x	S	P	2,360	15	MF		
423	1	0	0	0	2	0	x	x		x	x	S	P	2,730	10	MF		
424	1	0	0	0	1	0	x	x		x	x	S	P	3,000	15	MF		
425	1	1	0	0	1	0	x	x		x	x	L	P	2,660	4	x	MisL	2,808
426	1	1	0	0	1	0	x	x		x	x	S	P	2,650	8	x	MisL	2,771
427	8	0	0	0	8	0											MisL	3,094
428	1	0	0	0	1	0	x	x		x	x	S	P	2,835	8	A		
429	0	0	0	0	0	0	x	x		x	x	L	P	x	x	A		
430	7	0	0	0	6	0	x	x		x	x	L	P	2,970	7	A		
431	0	0	0	0	1	0												
432	2	0	0	0	2	0	x	x		x	x	L	P	2,730	8	MC	MisL	2,869
433	12	10	0	0	12	0	x	x		40.0	x	S	P	3,200	20	AL	MisL	3,412
434	1	0	0	0	1	0	x	x		x	x	S	P	3,180	12	ML	MisL	3,802
435	25	0	1	0	11	0	x	x		37.0	0.27	S	P	1,435	10	A	"Trenton"	4,100
436	1	0	0	0	1	0											MisL	3,012
437	1	0	0	0	0	0	x	x		x	x	S	P	2,760	5	x		
438	0	0	0	0	1	0	x	x		x	x	S	P	x	x	x		
439	29	0	1	0	21	0			W								MisL	3,100
440	1	0	0	0	1	0	x	x		37.4	x	S	P	2,785	10	A		
441	0	0	0	0	0	0	x	x		x	x	S	P	2,875	25	A		
442	27	0	1	0	15	0	x	x	W	37.0	0.24	L	P	2,965	10	A		
443	1	0	0	0	5	0												
444	2	0	0	0	2	0	x	x		37.0	x	L	P	2,985	6	AC	MisL	3,136
445	15	0	5	0	2	0											MisL	2,790
446	7	0	4	0	2	0	x	x		31.0	0.22	S	P	1,760	10	A		
447	1	0	0	0	0	0	x	x		27.3	0.25	S	P	1,770	12	A		
448	1	0	0	0	0	0	x	x		x	x	S	P	2,360	11	A		
449	4	0	0	0	0	0	x	x		x	x	L	P	2,635	4	AC		
450	1	0	1	0	0	0	x	x		x	x	L	P	2,650	6	AC		
451	1	0	0	0	0	0												
452	3	0	0	0	3	0	x	x		x	x	S	P	2,330	15	MC	MisL	2,630
453	11	0	0	0	8	0	x	x	W	x	x	S	P	1,615	12	MC	MisL	2,592
454	30	0	1	0	23	0											MisL	2,712
455	4	0	0	0	4	0	x	x		31.0	0.22	S	P	1,720	15	A		
456	3	0	0	0	2	0	x	x		27.3	0.25	S	P	1,780	10	A		
457	11	0	0	0	7	0	x	x		35.2	0.17	S	P	2,300	10	A		
458	2	0	0	0	0	0	x	x		36.7	0.18	S	P	2,480	8	A		
459	1	0	0	0	0	0	x	x		x	x	OL	P	2,600	5	AC		
460	2	0	1	0	1	0	x	x		x	x	L	P	2,610	5	AC		
461	7	0	0	0	9	0												
462	1	0	0	0	0	0	x	x		x	x	S	P	1,935	5	ML	MisL	2,011
463	112	5	1	0	88	0											MisL	3,532
464	20	3	1	0	17	0	x	x		40.0	0.14	S	P	3,180	15	AL		
465	7	1	0	0	5	0	x	x		x	x	OL	P	3,250	6	AC		
466	8	0	0	0	5	0	x	x		x	x	SL	P	3,275	7	AC		
467	63	1	0	0	45	0	x	x		40.0	0.19	OL	P	3,310	7	AC		
468	14	0	0	0	16	0												
469	2	0	0	0	2	0	x	x		x	x	L	P	3,310	10	AC	MisL	3,460
470	1	1	0	0	1	0	x	x		x	x	S	P	3,230	15	x	MisL	3,480
471	1	0	0	0	0	0	x	x		x	x	L	P	3,080	6	MF	MisL	3,086
472	27	23	0	0	26	0											MisL	3,317
473	11	11	0	0	11	0	x	x		x	x	S	P	1,920	16	MF		
474	4	2	0	0	4	0	x	x		37.0	x	S	P	2,870	12	MF		
475	6	6	0	0	6	0	x	x		x	x	S	P	2,990	12	MF		
476	3	3	0	0	3	0	x	x		x	x	S	P	3,070	11	MF		
477	2	0	0	0	1	0	x	x		x	x	L	P	3,190	7	MF		
478	1	1	0	0	1	0												
479	3	1	1	0	2	0											MisL	3,510
480	1	0	1	0	0	0	x	x		x	x	L	P	3,340	5	x		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
481		McClosky; MisL		40	9	9	0	0	0
482	Helena, *Lawrence*	Waltersburg; MisU	1947	40	7	4	0	0	0
483	Herald, *White-Gallatin*		1940	1,700	2,207	497	160	x	x
484		Pennsylvanian; Pen		10	x	x	0	0	0
485		Pennsylvanian; Pen		80	x	x	40	x	0
486		Pennsylvanian; Pen		40	x	x	80	x	0
487		Degonia; MisU		10	x	x	0	0	x
488		Waltersburg; MisU		30	x	x	40	x	x
489		Tar Springs; MisU		140	x	x	0	0	0
490		Cypress; MisU		800	x	x	0	0	0
491		Paint Creek; MisU[27]		40	x	x	0	0	0
492		Bethel; MisU		80	x	x	0	0	0
493		Aux Vases; MisU		290	x	x	0	0	0
494		Lower Ohara; MisL		40	x	x	0	0	0
495		Rosiclare; MisL		40	x	x	0	0	0
496		McClosky; MisL		130	x	x	0	0	0
497		[9]							
498	Herald East, *White-Gallatin*		1947	370	413	271	0	0	0
499		Waltersburg; MisU		50	x	x	0	0	0
500		Tar Springs; MisU		60	33	32	0	0	0
501		Aux Vases; MisU		310	x	x	0	0	0
502	Herald North, *White*	Aux Vases; MisU	1948	40	15	15	0	0	0
503	Hidalgo, *Jasper*[40]	McClosky; MisL	1940	20	10	0	0	0	0
504	Hidalgo North, *Cumberland*	Rosiclare; MisL	1946	20	4	1	0	0	0
505	Hill, *Effingham*	McClosky; MisL	1943	80	40	2	0	0	0
506	Hoffman, *Clinton*		1939	260	598	22	0	0	0
507		Cypress; MisU		100	x	x	0	0	0
508		Bethel; MisU		160	x	x	0	0	0
509		[9]							
510	Hoodville East, *Hamilton*[41]	McClosky; MisL	1944	20	.6	0	0	0	0
511	Huey, *Clinton*	Bethel; MisU	1945	30	.4	0	0	0	0
512	Hunt City, *Jasper*	Rosiclare; MisL	1945	20	.6	.2	0	0	0
513	Hunt City South, *Jasper*	McClosky; MisL	1947	40	3	1	0	0	0
514	Ina, *Jefferson*[42]	St. Louis; MisL	1938	20	16	0	0	0	0
515	Inclose, *Edgar*	Pennsylvanian; Pen	1941	20	.5	0	0	0	0
516	Ingraham, *Clay*[43]	McClosky; MisL	1942	60	3	0	0	0	0
517	Inman, *Gallatin*		1940	110	112	21	0	0	0
518		Pennsylvanian; Pen		10	x	x	0	0	0
519		Palestine; MisU		40	x	x	0	0	0
520		Waltersburg; MisU		20	x	x	0	0	0
521		Aux Vases; MisU		10	x	x	0	0	0
522		Lower Ohara; MisL		40	x	x	0	0	0
528	Inman East, *Gallatin*		1940	1,720	4,999	1,092	0	0	0
524		Pennsylvanian; Pen		40	x	x	0	0	0
525		Degonia; MisU[28]		40	x	x	0	0	0
526		Clore; MisU[27]		20	x	x	0	0	0
527		Palestine; MisU		20	x	x	0	0	0
528		Waltersburg; MisU		320	x	x	0	0	0
529		Tar Springs; MisU		1,000	x	x	0	0	0
530		Hardinsburg; MisU		80	x	x	0	0	0
531		Cypress; MisU		910	x	x	0	0	0
532		McClosky; MisL		60	x	x	0	0	0
533		[9]							
534	Inman North, *Gallatin*		1941	390	210	124	0	0	0
535		Waltersburg; MisU		20	x	x	0	0	0
536		Tar Springs; MisU		140	x	x	0	0	0
537		Hardinsburg; MisU		30	x	x	0	0	0
538		Cypress; MisU		210	x	x	0	0	0
539		Bethel; MisU		10	x	x	0	0	0
540		Aux Vases; MisU		10	x	0	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]		Secondary Recovery[j]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
481	2	1	0	0	2	0	x	x		x	x	L	P	3,350	6	x		
482	4	0	0	0	2	0	x	x		x	x	S	P	1,780	8	x	MisL	2,496
483	138	8	6	0	122	0											MisL	3,394
484	1	0	0	0	0	0	x	x		29.0	x	S	P	1,060	10	A		
485	8	1	1	0	6	0	x	x		29.0	x	S	P	1,500	15	A		
486	4	1	0	0	3	0	x	x		29.0	x	S	P	1,750	18	A		
487	1	0	0	0	1	0	x	x		x	x	S	P	1,920	12	A		
488	3	2	1	0	2	0	x	x		x	x	S	P	2,240	10	A		
489	11	0	0	0	10	0	x	x		37.2	0.24	S	P	2,260	13	AL		
490	62	1	1	0	60	0	x	x		36.0	0.22	S	P	2,660	14	AL		
491	0	0	0	0	0	0	x	x		x	x	S	P	x	x	AL		
492	7	2	2	0	5	0	x	x		x	x	S	P	2,790	11	AL		
493	25	0	1	0	21	0	1,000	x		38.0	x	S	P	2,920	6	AL		
494	3	0	0	0	2	0	x	x		37.0	x	L	P	2,965	6	A		
495	2	0	0	0	1	0	x	x		x	x	L	P	3,005	4	A		
496	7	0	0	0	6	0	x	x		38.0	x	L	P	3,010	10	A		
497	4	1	0	0	5	0												
498	34	10	1	0	33	0											MisL	3,157
499	5	0	0	0	5	0	x	x		37.0	x	S	P	2,290	10	ML		
500	5	3	1	0	4	0	x	x		x	x	S	P	2,165	12	ML		
501	24	7	0	0	24	0	x	x		x	x	S	P	2,930	16	ML		
502	4	4	0	0	4	0	x	x		38.6	x	S	P	2,900	10	MF	MisL	3,082
503	2	0	0	0	0	0	x	x		36.6	0.20	L	P	2,590	10	MC	Dev	4,140
504	1	0	0	0	1	0	x	x		x	x	S	P	2,650	11	MC	MisL	2,776
505	2	0	0	0	1	0	x	x		39.0	x	L	P	2,565	5	N	MisL	2,710
506	50	1	1	0	28	0											Dev	2,914
507	12	1	1	0	6	0	x	x		x	x	S	P	1,190	11	A		
508	37	0	0	0	22	0	x	x		33.2	0.21	S	P	1,320	7	A		
509	1	0	0	0	0	0												
510	1	0	0	0	0	0	x	x		x	x	L	P	3,365	3	N	MisL	3,411
511	3	0	1	0	0	0	x	x		x	x	S	P	1,260	6	AL	Dev	2,720
512	1	0	0	0	1	0	x	x		x	x	LS	P	2,540	10	MC	MisL	2,716
513	1	0	0	0	1	0	x	x		x	x	L	P	2,435	15	MC	MisL	2,559
514	2	0	0	0	0	0	x	x		36.4	0.20	L	P	3,000	4	AC	MisL	3,100
515	3	0	0	0	0	0	x	x		x	x	S	P	340	8	AL	Pen	600
516	3	0	0	0	0	0	x	x		36.8	0.21	L	P	3,100	7	MC	MisL	3,148
517	9	1	1	0	5	0											MisL	3,010
518	1	0	1	0	0	0	x	x		x	x	S	P	925	8	AL		
519	3	1	0	0	3	0	x	x		30.6	x	S	P	1,750	13	AL		
520	2	0	0	0	1	0	x	x		x	x	S	P	1,995	5	AL		
521	1	0	0	0	1	0	x	x		x	x	S	P	2,745	13	AL		
522	2	0	0	0	0	0	x	x		x	x	L	P	2,735	10	AC		
523	194	93	1	0	186	0			W								MisL	3,020
524	4	0	0	0	4	0	x	x		30.0	x	S	P	780	10	Af		
525	0	0	0	0	0	0	x	x		x	x	S	P	1,690	10	Af		
526	1	0	0	0	0	0	x	x		x	x	S	P	1,725	8	Af		
527	1	0	0	0	1	0	x	x		36.0	x	S	P	1,840	13	Af		
528	20	3	1	0	22	0	x	x		38.0	x	S	P	1,980	18	ALf		
529	74	28	0	0	69	0	x	x	W	36.0	0.24	S	P	2,080	13	AF		
530	3	3	0	0	3	0	x	x		34.0	x	S	P	2,135	10	ALf		
531	70	52	0	0	64	0	x	x		35.0	0.23	S	P	2,390	14	ALf		
532	4	1	0	0	2	0	x	x		x	x	L	P	2,800	8	ALf		
533	17	6	0	0	21	0												
534	33	5	1	0	28	0											MisL	3,060
535	0	0	0	0	2	0	x	x		x	x	S	P	x	x	ML		
536	8	0	0	0	7	0	x	x		x	x	S	P	2,180	14	ML		
537	3	0	0	0	3	0	x	x		x	x	S	P	2,340	12	ML		
538	15	4	0	0	13	0	x	x		37.0	x	S	P	2,505	12	ML		
539	0	0	0	0	1	0	x	x		x	x	S	P	x	x	ML		
540	1	0	0	0	0	0	x	x		x	x	S	P	2,815	25	ML		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
541		McClosky; MisL		50	x	0	0	0	0
542		[9]							
543	Inman West, *Gallatin*		1942	400	544	59	0	0	0
544		Palestine; MisU[27]		10	x	0	0	0	0
545		Tar Springs; MisU		160	x	x	0	0	0
546		Cypress; MisU		370	x	x	0	0	0
547		Lower Ohara; MisL[28]		20	x	x	0	0	0
548		McClosky; MisL[28]		20	x	0	0	0	0
549		[9]							
550	Iola Consolidated, *Clay-Effingham*[44]		1939	2,400	5,901	644	0	0	0
551		Tar Springs; MisU		10	x	x	0	0	0
552		Cypress; MisU		510	x	x	0	0	0
553		Paint Creek; MisU[27]		40	x	x	0	0	0
554		Bethel; MisU		770	x	x	0	0	0
555		Aux Vases; MisU		1,350	x	x	0	0	0
556		Rosiclare; MisL		180	x	x	0	0	0
557		McClosky; MisL		460	x	x	0	0	0
558		[9]							
559	Iola South, *Clay*		1947	40	8	4	0	0	0
560		Bethel; MisU		20	2	2	0	0	0
561		McClosky; MisL		20	6	2	0	0	0
562	Iola West, *Clay*[45]	McClosky; MisL	1945	20	5	0	0	0	0
563	Iron, *White*		1940	900	3,458	95	0	0	0
564		Waltersburg; MisU[28]		10	x	x	0	0	0
565		Tar Springs; MisU		100	x	x	0	0	0
566		Hardinsburg; MisU		380	x	x	0	0	0
567		Cypress; MisU		50	x	x	0	0	0
568		Bethel; MisU[27]		200	x	x	0	0	0
569		McClosky; MisL		400	x	x	0	0	0
570		[9]							
571	Irvington, *Washington*		1940	990	4,477	243	0	0	0
572		Cypress; MisU		30	x	x	0	0	0
573		Bethel; MisU		960	x	x	0	0	0
574		Devonian; Dev		160	x	45	0	0	0
575		[9]							
576	Iuka; *Marion*	McClosky; MisL	1947	40	38	18	0	0	0
577	Johnsonville Consolidated, *Wayne*[46]		1941	8,080	24,317	1,161	0	0	0
578		Bethel; MisU		10	x	x	0	0	0
579		Aux Vases; MisU		2,340	x	x	0	0	0
580		Lower Ohara; MisL		100	x	x	0	0	0
581		Rosiclare; MisL		170	x	x	0	0	0
582		McClosky; MisL		7,400	x	x	0	0	0
583		[9]							
584	Johnsonville North, *Wayne*		1943	40	35	2	0	0	0
585		Lower Ohara; MisL[28]		40	x	x	0	0	0
586		McClosky; MisL		40	x	x	0	0	0
587		[9]							
588	Johnsonville South, *Wayne*		1942	240	134	46	0	0	0
589		Aux Vases; MisU		180	x	x	0	0	0
590		McClosky; MisL		80	x	x	0	0	0
591	Johnsonville West, *Wayne*[47]		1942	200	113	91	0	0	0
592		Aux Vases; MisU		80	77	70	0	0	0
593		McClosky; MisL		150	36	21	0	0	0
594	Junction, *Gallatin*		1939	150	266	11	0	0	0
595		Pennsylvanian; Pen		10	x	0	0	0	0
596		Waltersburg; MisU		140	x	11	0	0	0
597	Junction North, *Gallatin*		1946	20	4	2	0	0	0
598		Pennsylvanian; Pen		10	4	2	0	0	0
599		Aux Vases; MisU		10	0	0	0	0	0
600	Keensburg East, *Wabash*[48]		1939	60	9	0	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]			Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948	Secondary Recovery[j]	Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
541	3	0	1	0	0	0	x	x		36.6	0.19	L	P	2,870	11	MC		
542	3	1	0	0	2	0												
543	30	4	0	0	27	0											MisL	2,990
544	0	0	0	0	0	0	x	x		x	x	S	P	1,915	25	ML		
545	3	1	0	0	3	0	x	x		x	x	S	P	2,185	13	ML		
546	17	2	0	0	16	0	x	x		38.0	x	S	P	2,500	12	ML		
547	0	0	0	0	0	0	x	x		x	x	L	P	2,830	6	MC		
548	0	0	0	0	0	0	x	x		x	x	L	P	2,880	2	MC		
549	10	1	0	0	8	0												
550	197	8	6	0	153	0			W								MisL	2,597
551	0	0	0	0	1	0	x	x		x	x	S	P	1,890	9	A		
552	26	0	0	0	23	0	x	x	W	35.3	x	S	P	2,125	15	A		
553	0	0	0	0	0	0	x	x		x	x	S	P	2,255	9	A		
554	27	1	1	0	16	0	x	x		36.0	0.14	S	P	2,290	12	A		
555	69	0	1	0	47	0	x	x		35.4	0.25	S	P	2,325	10	A		
556	11	4	1	0	8	0	x	x		x	x	LS	P	2,400	7	A		
557	14	1	1	0	6	0	x	x	W	37.6	x	OL	P	2,425	10	A		
558	50	2	2	0	52	0												
559	2	1	0	0	2	0											MisL	2,703
560	1	1	0	0	1	0	x	x		x	x	S	P	2,425	10	AC		
561	1	0	0	0	1	0	x	x		x	x	L	P	2,580	2	AC		
562	1	0	0	0	0	0	x	x		x	x	L	P	2,495	11	MC	MisL	2,613
563	72	0	0	0	53	0											MisL	3,246
564	0	0	0	0	0	0	x	x		x	x	S	P	2,270	8	AL		
565	6	0	0	0	3	0	x	x		36.4	x	S	P	2,385	14	ALf		
566	38	0	0	0	35	0	x	x		37.0	0.30	S	P	2,500	18	AF		
567	3	0	0	0	2	0	x	x		38.0	x	S	P	2,720	15	AL		
568	1	0	0	0	0	0	x	x		x	x	S	P	2,850	6	AL		
569	21	0	0	0	10	0	x	x		39.0	0.20	L	P	3,060	8	AL		
570	3	0	0	0	3	0												
571	89	0	0	0	79	0											Dev	3,362
572	2	0	0	0	1	0	x	x		37.6	x	S	P	1,380	12	A		
573	79	0	0	0	64	0	x	x		37.6	0.16	S	P	1,535	12	A		
574	7	0	0	0	8	0	x	x		39.0	0.27	L	C	3,090	12	A		
575	1	0	0	0	6	0												
576	2	1	0	0	2	0	x	x		x	x	L	P	2,875	6	MC	MisL	2,91
577	376	6	11	0	335	0											Dev	5,198
578	0	0	0	0	1	0	x	x		x	x	S	P	2,950	12	AL		
579	74	1	3	0	68	0	x	x		39.4	0.14	S	P	3,020	20	AL		
580	5	0	0	0	4	0	x	x		x	x	OL	P	3,120	10	AC		
581	3	0	0	0	3	0	x	x		x	x	OL	P	3,150	8	AC		
582	262	5	6	0	216	0	x	x		38.0	0.17	OL	P	3,170	15	AC		
583	32	0	2	0	43	0												
584	1	0	0	0	1	0											MisL	3,324
585	0	0	0	0	0	0	x	x		37.6	0.17	OL	P	3,190	3	AC		
586	0	0	0	0	1	0	x	x		37.6	0.17	OL	P	3,250	3	AC		
587	1	0	0	0	0	0												
588	18	0	0	0	13	0											MisL	3,266
589	14	0	0	0	11	0	x	x		39.0	x	S	P	3,060	15	A		
590	4	0	0	0	2	0	x	x		x	x	L	P	3,200	5	AC		
591	12	3	0	0	11	0											MisL	3,185
592	6	1	0	0	6	0	x	x		x	x	S	P	2,960	12	ML		
593	6	2	0	0	5	0	x	x		x	x	L	P	3,100	6	MC		
594	15	0	0	0	14	0											MisL	2,711
595	1	0	0	0	0	0	x	x		x	x	S	P	1,430	19	x		
596	14	0	0	0	14	0	x	x		37.2	0.22	S	P	1,770	20	AL		
597	2	0	1	0	1	0											MisL	2,929
598	1	0	0	0	1	0	x	x		x	x	S	P	1,565	16	x		
599	1	0	1	0	0	0	x	x		x	x	S	P	2,725	10	x		
600	3	0	0	0	0	0											MisL	2,785

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
601		Lower Ohara; MisL		20	x	0	0	0	0
602		McClosky; MisL		40	x	0	0	0	0
603	Keensburg South, *Wabash*		1944	60	77	10	0	0	0
604		Pennsylvanian; Pen		40	28	4	0	0	0
605		Lower Ohara; MisL		20	49	6	0	0	0
606	Keenville, *Wayne*		1945	450	610	97	0	0	0
607		Aux Vases; MisU		100	x	x	0	0	0
608		Lower Ohara; MisL		80	x	x	0	0	0
609		McClosky; MisL		290	x	x	0	0	0
610		[9]							
611	Kell, *Jefferson*[49]	McClosky; MisL	1942	40	3	0	0	0	0
612	Kenner, *Clay*		1942	600	580	76	0	0	0
613		Tar Springs; MisU		10	x	x	0	0	0
614		Bethel; MisU		600	x	x	0	0	0
615		Aux Vases; MisU[28]		10	x	x	0	0	0
616		Rosiclare; MisL		10	1	0	0	0	0
617		McClosky; MisL		20	x	x	0	0	0
618		[9]							
619	Kenner North, *Clay*		1947	260	349	127	0	0	0
620		Bethel; MisU		240	x	x	0	0	0
621		Aux Vases; MisU		10	x	x	0	0	0
622		McClosky; MisL		100	x	x	0	0	0
623	Kenner West, *Clay*		1947	300	588	362	0	0	0
624		Cypress; MisU		290	x	x	0	0	0
625		Bethel; MisU		180	x	x	0	0	0
626		McClosky; MisL		40	x	x	0	0	0
627		[9]							
628	King, *Jefferson*		1942	660	1,091	96	0	0	0
629		Aux Vases; MisU		600	x	x	0	0	0
630		Lower Ohara; MisL[27]		140	x	x	0	0	0
631		Rosiclare; MisL		60	x	x	0	0	0
632		McClosky; MisL[27]		60	x	x	0	0	0
633		[9]							
634	Laclede, *Fayette*	Bethel; MisU	1943	50	7	1	0	0	0
635	Lakewood, *Shelby*		1941	110	95	23	0	0	0
636		Bethel; MisU		100	59	16	0	0	0
637		Aux Vases; MisU		40	36	7	0	0	0
638	Lancaster, *Wabash-Lawrence*		1940	1,250	2,189	153	0	0	0
639		Bethel; MisU		820	x	x	0	0	0
640		Aux Vases; MisU		10	x	x	0	0	0
641		Lower Ohara; MisL		40	x	x	0	0	0
642		McClosky; MisL		370	x	x	0	0	0
643		[9]							
644	Lancaster Central, *Wabash*		1946	200	288	39	0	0	0
645		Lower Ohara; MisL		80	x	x	0	0	0
646		Rosiclare; MisL		180	x	x	0	0	0
647		McClosky; MisL[27]		20	x	x	0	0	0
648		[9]							
649	Lancaster East, *Wabash*		1944	20	17	4	0	0	0
650		Biehl; Pen		10	2	.3	0	0	0
651		Rosiclare; MisL		10	15	4	0	0	0
652	Lancaster North, *Wabash*	Bethel; MisU	1948	10	.5	.5	0	0	0
653	Lancaster South, *Wabash*	McClosky; MisL	1946	20	15	2	0	0	0
654	Lancaster West, *Edwards-Wabash*	Ste. Genevieve; MisL	1943	80	132	5	0	0	0
655	Lexington, *Wabash*	McClosky; MisL	1947	140	264	59	0	0	0
656	Lillyville, *Cumberland*	McClosky; MisL	1946	130	175	72	0	0	0
657	Livingston, *Madison*	Pennsylvanian; Pen	1948	50	27	27	0	0	0
658	Louden, *Fayette-Effingham*		1937	20,800	144,292	6,686	160	x	137
659		Bartschi; Pen		0	0	0	160	x	137
660		Cypress; MisU		16,500	x	x	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]		Secondary Recovery[j]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg./End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
601	1	0	0	0	0	0	x	x		x	x	L	P	2,705	10	MC		
602	2	0	0	0	0	0	x	x		37.6	0.26	L	P	2,710	6	MC		
603	3	0	0	0	2	0											MisL	2,879
604	2	0	0	0	1	0	x	x		x	x	S	P	1,150	15	AL		
605	1	0	0	0	1	0	x	x		x	x	L	P	2,715	10	AC		
606	33	1	0	0	29	0											MisL	3,267
607	9	1	0	0	7	0	x	x		x	x	S	P	2,980	6	AL		
608	2	0	0	0	19	0	x	x		x	x	L	P	3,050	8	A		
609	20	0	0	0	2	0	x	x		x	x	L	P	3,100	7	A		
610	2	0	0	0	1	0												
611	1	0	0	0	0	0	x	x		36.6	0.26	L	P	2,625	6	A	MisL	2,720
612	44	0	1	0	42	0											MisL	3,082
613	1	0	0	0	0	0	x	x		x	x	S	P	2,200	7	AL		
614	40	0	0	0	42	0	x	x		38.0	0.22	S	P	2,690	10	A		
615	0	0	0	0	0	0	x	x		x	x	S	P	2,835	9	AL		
616	1	0	1	0	0	0	x	x		x	x	LS	P	2,875	5	AC		
617	1	0	0	0	0	0	x	x		x	x	L	P	2,930	7	AC		
618	1	0	0	0	0	0												
619	26	2	1	0	24	0											MisL	3,076
620	20	2	1	0	21	0	x	x		x	x	S	P	2,755	8	A		
621	1	0	0	0	0	0	x	x		x	x	S	P	2,790	10	AL		
622	5	0	0	0	3	0	x	x		x	x	L	P	2,970	6	AC		
623	31	9	0	0	31	0											Dev	4,800
624	14	6	0	0	14	0	x	x		38.0	x	S	P	2,570	16	A		
625	2	0	0	0	2	0	x	x		38.0	x	S	P	2,705	9	A		
626	1	0	0	0	1	0	x	x		38.0	x	L	P	2,870	4	AC		
627	14	3	0	0	14	0												
628	33	1	1	0	27	0											Dev	4,760
629	24	1	1	0	16	0	x	x		38.6	0.17	S	P	2,725	15	AL		
630	0	0	0	0	0	0	x	x		x	x	L	P	2,765	10	AC		
631	2	0	0	0	1	0	x	x		39.6	0.16	LS	P	2,815	10	AC		
632	0	0	0	0	0	0	x	x		x	x	L	P	2,840	5	AC		
633	7	0	0	0	10	0												
634	3	0	0	0	2	0	x	x		35.6	0.18	S	P	2,335	15	A	MisL	2,608
635	11	3	0	0	10	0											MisL	1,794
636	7	1	0	0	6	0	x	x		38.0	x	S	P	1,690	7	AL		
637	4	2	0	0	4	0	x	x		31.7	0.23	S	P	1,720	8	AL		
638	97	1	2	0	71	0											MisL	2,908
639	66	1	1	0	59	0	x	x		39.0	x	S	P	2,530	14	AL		
640	0	0	0	0	1	0	x	x		x	x	S	P	x	x	AL		
641	1	0	0	0	1	0	x	x		x	x	L	P	2,672	10	AC		
642	29	0	1	0	9	0	x	x		39.8	0.28	L	P	2,690	7	AC		
643	1	0	0	0	1	0												
644	13	0	3	0	10	0											MisL	2,888
645	2	0	0	0	2	0	x	x		x	x	L	P	2,750	7	MC		
646	8	0	1	0	7	0	x	x		x	x	LS	P	2,810	7	MC		
647	0	0	0	0	0	0	x	x		x	x	L	P	2,815	8	MC		
648	3	0	2	0	1	0												
649	2	0	0	0	2	0											MisL	2,750
650	1	0	0	0	1	0	x	x		x	x	S	P	1,750	10	ML		
651	1	0	0	0	1	0	x	x		x	x	L	P	2,660	6	ML		
652	1	1	0	0	1	0	x	x		x	x	S	P	2,295	10	x	MisL	2,534
653	1	0	0	0	1	0	x	x		x	x	L	P	2,720	12	MC	MisL	2,809
654	4	0	0	0	4	0	x	x		40.9	0.20	L	P	2,850	10	MC	MisL	3,125
655	10	0	0	0	10	0	x	x		x	x	L	P	2,970	8	MC	MisL	3,021
656	8	0	0	0	8	0	x	x		x	x	L	P	2,425	10	A	Dev	4,000
657	5	5	0	0	5	0	x	x		36.3	x	S	P	531	10	ML	Ord	2,378
658	2,004	6	15	30	1,794	4			G								St. Peter	4,680
659	4	0	0	0	0	4	x	x				S	P	1,000	20	AL		
660	962	6	13	1	740	0	x	x	G	36.0	0.25	S	P	1,495	15	A		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
661		Paint Creek; MisU		10,000	x	x	0	0	0
662		Bethel; MisU		10,000	x	x	0	0	0
663		Aux Vases; MisU		600	x	x	0	0	0
664		Devonian; Dev		2,900	11,554	945	0	0	0
665		[9]							
666	McKinley, *Washington*		1940	210	282	85	0	0	0
667		Bethel; MisU		100	195	3	0	0	0
668		Devonian; Dev		20	5	0	0	0	0
669		Silurian; Sil		180	82	82	0	0	0
670	Maplegrove, *Edwards*	McClosky; MisL	1943	800	1,275	116	0	0	0
671	Maplegrove East, *Edwards*[50]	McClosky; MisL	1944	120	18	0	0	0	0
672	Maplegrove South, *Edwards*	Lower Ohara; MisL	1945	20	8	.5	0	0	0
673	Marcoe, *Jefferson*[51]	McClosky; MisL	1938	20	13	0	0	0	0
674	Marine, *Madison*	Silurian; Sil	1943	2,700	4,683	1,081	0	0	0
675	Markham City, *Jefferson*	McClosky; MisL	1942	660	1,013	46	0	0	0
676	Markham City North, *Jefferson-Wayne*		1943	520	735	35	0	0	0
677		Aux Vases; MisU		20	x	x	0	0	0
678		McClosky; MisL		520	x	x	0	0	0
679	Markham City West, *Jefferson*		1945	480	960	186	0	0	0
680		Aux Vases; MisU		290	x	x	0	0	0
681		McClosky; MisL		240	x	x	0	0	0
682		[9]							
683	Mason, *Effingham*	McClosky; MisL	1940	60	190	.5	0	0	0
684	Massilon, *Wayne-Edwards*	Ste. Genevieve; MisL	1946	60	74	16	0	0	0
685	Massilon South, *Edwards*[53]	Lower Ohara; MisL	1947	20	10	0	0	0	0
686	Mattoon, *Coles*[54]		1939	4,350	8,130	1,295	0	0	0
687		Cypress, MisU		2,190	x	x	0	0	0
688		Aux Vases; MisU		350	x	x	0	0	0
689		Rosiclare; MisL		3,570	x	x	0	0	0
690		McClosky; MisL		100	x	x	0	0	0
691		[9]							
692	Maud, *Wabash*		1940	640	700	262	0	0	0
693		Biehl; Pen[27]		20	x	x	0	0	0
694		Waltersburg; MisU		30	x	x	0	0	0
695		Tar Springs; MisU		10	x	x	0	0	0
696		Hardinsburg; MisU		10	x	x	0	0	0
697		Cypress; MisU		300	x	x	0	0	0
698		Bethel; MisU		130	x	x	0	0	0
699		Aux Vases; MisU[28]		20	x	x	0	0	0
700		Lower Ohara; MisL		30	x	x	0	0	0
701		Rosiclare; MisL		60	x	x	0	0	0
702		McClosky; MisL		190	x	x	0	0	0
703		[9]							
704	Maud North Consolidated, *Wabash*[55]		1946	650	297	239	0	0	0
705		Cypress; MisU		120	x	x	0	0	0
706		Bethel; MisU		500	x	x	0	0	0
707		Lower Ohara; MisL		50	x	x	0	0	0
708		Rosiclare; MisL		30	1	0	0	0	0
709		McClosky; MisL		20	x	x	0	0	0
710		[9]							
711	Maunie North, *White*		1941	350	358	104	0	0	0
712		Paint Creek; MisU		20	x	x	0	0	0
713		Bethel; MisU		190	x	x	0	0	0
714		Aux Vases; MisU		60	x	x	0	0	0
715		Rosiclare; MisL		50	x	x	0	0	0
716		McClosky; MisL		140	x	x	0	0	0
717		[9]							
718	Maunie South, *White*[56]		1941	880	2,431	139	0	0	0
719		Bridgeport; Pen		60	x	x	0	0	0
720		Degonia; MisU		60	x	x	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
661	323	0	0	0	151	0	x	x		37.8	0.24	S	P	1,540	15	A		
662	420	0	0	0	229	0	x	x	G	38.5	0.20	S	P	1,550	10	A		
663	0	0	0	0	3	0	x	x		x	x	S	P	1,630	9	A		
664	84	0	1	10	63	0	1,350	1,280		28.0	0.48	L	C	3,000	15	A		
665	211	0	1	19	608	0												
666	17	9	0	0	13	0											Ord	3,983
667	7	0	0	0	4	0	x	x		44.1	0.18	S	P	1,000	5	A		
668	1	0	0	0	0	0	x	x		41.7	x	L	C	2,250	5	R[52]		
669	9	0	0	0	9	0	x	x		42.8	x	L	C	2,240	40	R		
670	38	0	3	0	28	0	x	x		x	x	L	P	3,275	6	A	MisL	3,377
671	3	0	0	0	0	0	x	x		x	x	L	P	3,215	4	ML	MisL	3,315
672	1	0	0	0	1	0	x	x		x	x	L	P	3,250	10	ML	MisL	3,385
673	2	0	0	0	0	0	x	x		23.2	0.54	L	P	2,745	15	ML	MisL	3,066
674	138	4	1	0	135	0	x	x		34.0	0.28	L	P	1,740	5	R	Ord	2,590
675	19	0	0	0	14	0	x	x		38.2	0.08	L	P	3,070	10	A	MisL	3,215
676	15	0	0	0	10	0											MisL	3,169
677	2	0	0	0	2	0	x	x		x	x	S	P	2,950	6	AL		
678	13	0	0	0	8	0	x	x		37.8	0.24	L	P	3,075	8	AC		
679	31	2	0	0	24	0											MisL	3,182
680	15	2	0	0	4	0	x	x		38.0	x	S	P	2,905	15	AL		
681	13	0	0	0	8	0	x	x		38.0	x	L	P	3,035	7	AC		
682	3	0	0	0	12	0												
683	9	0	1	0	1	0	x	x		38.4	0.21	L	P	2,500	6	AC	MisL	2,584
684	3	0	0	0	3	0	x	x		x	x	L	P	3,260	8	MC	MisL	3,472
685	1	0	0	0	0	0	x	x		x	x	L	P	3,315	9	MC	MisL	3,391
686	418	26	14	0	390	0											St. Peter	4,915
687	93	5	3	0	84	0	x	x		38.0	0.16	S	P	1,835	15	A		
688	3	1	0	0	3	0	x	x		38.0	x	S	P	1,900	15	A		
689	207	5	7	0	187	0	x	x		38.0	0.21	S	P	2,000	12	A		
690	0	0	0	0	4	0	x	x		38.0	x	L	P	2,010	5	A		
691	115	15	4	0	112	0												
692	54	33	0	0	46	0											MisL	2,793
693	0	0	0	0	0	0	x	x		x	x	S	P	1,720	10	AL		
694	2	0	0	0	1	0	x	x		37.7	x	S	P	1,940	15	AL		
695	0	0	0	0	1	0	x	x		38.0	x	S	P	1,960	12	AL		
696	0	0	0	0	1	0	x	x		x	x	S	P	2,115	20	AL		
697	26	24	0	0	25	0	x	x		38.0	x	S	P	2,300	15	AL		
698	5	4	0	0	5	0	x	x		x	x	S	P	2,465	10	AL		
699	0	0	0	0	0	0	x	x		x	x	S	P	2,545	10	AL		
700	1	1	0	0	1	0	x	x		x	x	L	P	2,610	6	AC		
701	2	2	0	0	2	0	x	x		36.4	x	L	P	2,670	5	AC		
702	15	0	0	0	5	0	x	x		38.0	0.30	L	P	2,630	6	AC		
703	3	2	0	0	5	0												
704	61	47	2	0	59	0											MisL	2,995
705	9	9	0	0	9	0	x	x		36.0	x	S	P	2,500	8	AL		
706	48	35	1	0	47	0	x	x		x	x	S	P	2,560	20	AL		
707	1	1	0	0	0	0	x	x		35.0	x	L	P	2,845	5	AC		
708	1	0	1	0	0	0	x	x		x	x	L	P	2,860	3	AC		
709	0	0	0	0	1	0	x	x		36.0	x	L	P	x	x	AC		
710	2	2	0	0	2	0												
711	31	13	2	0	26	0											MisL	3,260
712	2	0	0	0	2	0	x	x		x	x	S	P	2,830	13	AL		
713	15	9	1	0	15	0	x	x		36.5	x	S	P	2,820	13	AL		
714	2	1	0	0	2	0	x	x		x	x	S	P	2,930	13	AL		
715	1	0	0	0	1	0	x	x		x	x	L	P	3,030	6	AC		
716	8	2	1	0	3	0	x	x		x	x	L	P	3,030	10	AC		
717	3	1	0	0	3	0												
718	89	1	2	0	71	0			W								MisL	3,091
719	6	0	1	0	4	0	x	x		37.0	x	S	P	1,400	7	AL		
720	5	0	0	0	3	0	x	x		x	x	S	P	1,900	10	AL		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
721		Palestine; MisU		420	x	x	0	0	0
722		Waltersburg; MisU		30	x	x	0	0	0
723		Tar Springs; MisU		340	x	x	0	0	0
724		Cypress; MisU		60	x	x	0	0	0
725		Bethel; MisU[27]		20	x	x	0	0	0
726		Aux Vases; MisU		50	x	x	0	0	0
727		Rosiclare; MisL[28]		20	x	x	0	0	0
728		McClosky; MisL		20	x	x	0	0	0
729		[9]							
730	Maunie West, *White*[57]	McClosky; MisL	1945	20	20	0	0	0	0
731	Mayberry, *Wayne*	McClosky; MisL	1941	240	277	11	0	0	0
732	Mayberry North, *Wayne*[58]	McClosky; MisL	1948	20	1	1	0	0	0
733	Miletus, *Marion*		1947	170	76	41	0	0	0
734		Bethel; MisU		100	x	x	0	0	0
735		Aux Vases; MisU		110	x	x	0	0	0
736		McClosky; MisL		40	x	x	0	0	0
737		[9]							
738	Mills Prairie, *Edwards*	Lower Ohara; MisL	1948	20	2	2	0	0	0
739	Mill Shoals, *White-Hamilton-Wayne*		1939	2,000	4,937	412	0	0	0
740		Aux Vases; MisU		1,700	x	x	0	0	0
741		Lower Ohara; MisL		80	x	x	0	0	0
742		Rosiclare; MisL		130	x	x	0	0	0
743		McClosky; MisL		610	x	x	0	0	0
744		[9]							
745	Mt. Auburn, *Christian*	Silurian; Sil	1943	160	28	3	0	0	0
746	Mt. Carmel, *Wabash*[59]		1940	3,900	7,833	453	0	0	0
747		Bridgeport; Pen		60	x	x	0	0	0
748		Biehl; Pen		800	x	x	0	0	0
749		Jordan; Pen		30	x	x	0	0	0
750		Palestine; MisU		30	x	x	0	0	0
751		Waltersburg; MisU[27]		10	x	x	0	0	0
752		Tar Springs; MisU		210	x	x	0	0	0
753		Jackson; MisU[27]		10	x	x	0	0	0
754		Cypress; MisU		2,880	x	x	0	0	0
755		Bethel; MisU		40	x	x	0	0	0
756		Aux Vases; MisU		10	x	x	0	0	0
757		Lower Ohara; MisL		260	x	x	0	0	0
758		Rosiclare; MisL		230	x	x	0	0	0
759		McClosky; MisL		930	x	x	0	0	0
760		[9]							
761	Mt. Carmel West, *Wabash*		1939	210	147	127	0	0	0
762		Waltersburg; MisU		30	19	2	0	0	0
763		Tar Springs; MisU		30	3	.2	0	0	0
764		Cypress; MisU		80	x	x	0	0	0
765		Lower Ohara; MisL		20	x	x	0	0	0
766		McClosky; MisL		80	x	x	0	0	0
767	Mt. Erie North, *Wayne*		1944	100	94	28	0	0	0
768		Aux Vases; MisU		20	16	13	0	0	0
769		McClosky; MisL		80	78	15	0	0	0
770	Mt. Olive, *Montgomery*	Pottsville; Pen	1942	30	2	.2	0	0	0
771	Mt. Vernon, *Jefferson*		1943	110	180	24	0	0	0
772		Aux Vases; MisU		30	26	3	0	0	0
773		Lower Ohara; MisL[28]		30	x	x	0	0	0
774		McClosky; MisL		80	x	x	0	0	0
775		[9]							
776	Nason, *Jefferson*	Rosiclare; MisL	1943	20	11	1	0	0	
777	New Bellaire, *Crawford*	Pennsylvanian; Pen	1942	20	10	0	0	0	
778	New Harmony-Keensburg Consolidated, *White-Wabash-Edwards*[59]		1939	12,660	52,648	2,820	0	0	0
779		Jamestown; Pen		20	x	x	0	0	0
780		Bridgeport; Pen		10	x	x	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[5]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft. [l] Net	Structure[m]	Name	Depth of Hole, Ft.
721	34	0	0	0	29	0	x	x		38.0	0.26	S	P	2,010	17	AL		
722	2	1	0	0	2	0	x	x		x	x	S	P	2,210	19	AL		
723	25	0	1	0	21	0	x	x	W	38.0	x	S	P	2,240	16	AL		
724	2	0	0	0	1	0	x	x		39.0	x	S	P	2,565	8	AL		
725	0	0	0	0	0	0	x	x		x	x	S	P	2,735	x	AL		
726	9	0	0	0	7	0	x	x		x	x	S	P	2,485	12	AL		
727	0	0	0	0	0	0	x	x		x	x	L	P	2,900	8	AC		
728	0	0	0	0	1	0	x	x		x	x	S	P	2,920	6	AC		
729	6	0	0	0	3	0												
730	1	0	0	0	0	0	x	x		x	x	L	P	3,040	3	MC	MisL	3,149
731	6	0	0	0	5	0	x	x		38.6	0.16	L	P	3,350	8	AC	Dev	5,377
732	1	1	1	0	0	0	x	x		x	x	L	P	3,330	2	x	MisL	3,463
733	14	0	0	0	14	0											Dev	3,950
734	5	0	0	0	5	0	x	x		x	x	S	P	2,140	7	A		
735	5	0	0	0	6	0	x	x		x	x	S	P	2,200	7	A		
736	1	0	0	0	2	0	x	x		x	x	S	P	2,350	5	A		
737	3	0	0	0	1	0												
738	1	1	0	0	1	0	x	x		x	x	L	P	2,925	5	MC	MisL	3,010
739	161	11	4	0	126	0											MisL	3,520
740	119	4	1	0	84	0	x	x		39.8	0.14	S	P	3,220	16	A		
741	2	1	0	0	2	0	x	x		x	x	OL	P	3,320	11	AC		
742	7	3	1	0	8	0	x	x		x	x	LS	P	3,345	8	AC		
743	28	3	2	0	23	0	x	x		38.0	x	OL	P	3,440	5	AC		
744	5	0	0	0	9	0												
745	4	0	0	0	3	0	x	x		36.6	0.28	L	P	1,890	5	MC	Sil	1,998
746	397	5	21	0	312	0			G								MisL	2,672
747	4	3	0	0	2	0	x	x		x	x	S	P	1,370	20	AL		
748	44	0	2	0	37	0	x	30	G	36.0	0.20	S	P	1,470	20	AL		
749	3	0	0	0	1	0	x	x		x	x	S	P	1,520	15	AL		
750	3	0	0	0	1	0	x	x		x	x	S	P	1,580	10	AL		
751	0	0	0	0	0	0	x	x		x	x	S	P	1,690	10	AL		
752	9	1	1	0	6	0	x	x		x	x	S	P	1,790	13	AL		
753	0	0	0	0	0	0	x	x		x	x	S	P	2,020	25	AL		
754	236	1	8	0	181	0	550	40		36.1	0.17	S	P	2,025	15	AL		
755	3	0	0	0	2	0	x	55		36.1	x	S	P	2,110	16	AL		
756	0	0	0	0	1	0	x	x		x	x	S	P	x	x	AL		
757	7	0	0	0	5	0	x	x		x	x	OL	P	2,320	5	AC		
758	5	0	0	0	4	0	x	x		36.6	0.26	S	P	2,350	5	AC		
759	42	0	7	0	23	0	x	24		37.0	0.42	OL	P	2,360	6	AC		
760	41	0	3	0	49	0												
761	17	13	1	0	15	0											MisL	2,688
762	2	0	1	0	1	0	x	x		30.0	0.25	S	P	1,880	8	AL		
763	2	0	0	0	1	0	x	x		x	x	S	P	1,945	12	AL		
764	8	8	0	0	8	0	x	x		x	x	S	P	2,280	8	AC		
765	1	1	0	0	1	0	x	x		x	x	L	P	2,540	4	AC		
766	4	4	0	0	4	0	x	x		x	x	L	P	2,575	8	AC		
767	6	0	0	0	4	0											MisL	3,354
768	2	0	0	0	1	0	x	x		x	x	S	P	3,110	8	ML		
769	4	0	0	0	3	0	x	x		x	x	L	P	3,240	5	MC		
770	6	0	0	0	1	0	x	x		33.2	0.16	S	P	606	6	A	Pen	905
771	7	0	0	0	3	0											MisL	3,008
772	3	0	0	0	1	0	x	x		x	x	S	P	2,665	8	AL		
773	0	0	0	0	0	0	x	x		x	x	L	P	2,750	6	AC		
774	3	0	0	0	2	0	x	x		39.2	0.18	L	P	2,800	7	AC		
775	1	0	0	0	0	0												
776	1	0	0	0	1	0	x	x		x	x	S	P	2,790	12	MC	MisL	2,925
777	2	0	1	0	0	0	x	x		29.3	0.30	S	P	1,165	10	ML	Dev	2,760
778	1,246	30	31	0	1,045	0			G								MisL	3,220
779	2	0	0	0	1	0	x	x	G	31.9	x	S	P	720	13	AL		
780	1	1	0	0	1	0	x	x		x	x	S	P	1,340	7	AL		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
781		Biehl; Pen		320	x	x	0	0	0
782		Degonia; MisU		60	x	x	0	0	0
783		Clore; MisU		30	x	x	0	0	0
784		Palestine; MisU		60	x	x	0	0	0
785		Waltersburg; MisU		620	x	x	0	0	0
786		Tar Springs; MisU		650	x	x	0	0	0
787		Hardinsburg; MisU		20	x	x	0	0	0
788		Cypress; MisU		3,570	x	x	0	0	0
789		Paint Creek; MisU		20	x	x	0	0	0
790		Bethel; MisU		4,400	x	x	0	0	0
791		Aux Vases; MisU		4,930	x	x	0	0	0
792		Lower Ohara; MisL		40	x	x	0	0	0
793		Rosiclare; MisL		10	x	x	0	0	0
794		McClosky; MisL		2,550	x	x	0	0	0
795		[9]							
796	New Harmony South, *White*		1941	50	59	3	0	0	0
797		Waltersburg; MisU		20	x	x	0	0	0
798		Tar Springs; MisU		10	x	x	0	0	0
799		Bethel; MisU		10	x	x	0	0	0
800		McClosky; MisL		20	x	x	0	0	0
801		[9]							
802	New Harmony South, (Ind.), *White*[59]		1946	60	223	60	0	0	0
803		Degonia; MisU[27]		20	x	x	0	0	0
804		Palestine; MisU		20	x	x	0	0	0
805		Waltersburg; MisU		40	x	x	0	0	0
806		[9]							
807	New Haven, *White*		1941	300	629	36	0	0	0
808		Tar Springs; MisU		80	x	x	0	0	0
809		Hardinsburg; MisU		10	x	x	0	0	0
810		Cypress; MisU		150	x	x	0	0	0
811		Aux Vases; MisU		70	x	x	0	0	0
812		McClosky; MisL		40	x	x	0	0	0
813		[9]							
814	New Haven North, *White*	Tar Springs; MisU	1944	20	14	2	0	0	0
815	New Haven West, *Gallatin*		1944	280	527	105	0	0	0
816		Tar Springs; MisU		260	x	x	0	0	0
817		Aux Vases; MisU		10	x	x	0	0	0
818		Lower Ohara; MisL		20	x	x	0	0	0
819	Newton, *Jasper*	St. Genevieve; MisL	1944	80	56	13	0	0	0
820	Newton North, *Jasper*[60]	McClosky; MisL	1945	20	7	0	0	0	0
821	Newton West, *Jasper*[61]	McClosky; MisL	1947	20	3	0	0	0	0
822	Odin, *Marion*	Cypress; MisU	1945	280	344	52	0	0	0
823	Olney, *Richland*		1937	960	2,019	168	0	0	0
824		Lower Ohara; MisL		240	x	x	0	0	0
825		McClosky; MisL		800	x	x	0	0	0
826		[9]							
827	Olney East, *Richland*	McClosky; MisL	1944	690	707	62	0	0	0
828	Olney South, *Richland*[62]	McClosky; MisL	1938	20	10	0	0	0	0
829	Omaha, *Gallatin*		1940	400	1,511	148	40	x	x
830		Biehl; Pen		20	x	x	0	0	0
831		Palestine; MisU		330	x	x	0	0	0
832		Tar Springs; MisU		70	x	x	40	x	0
833		[9]							
834	Omaha East, *Gallatin*	Lower Ohara; MisL	1946	20	6	1	0	0	0
835	Omega, *Marion*	McClosky; MisL	1946	40	4	1	0	0	0
836	Panama (Gas), *Bond*	Pennsylvanian; Pen	1940	0	0	0	160	x	0
837	Parkersburg Consolidated, *Richland-Edwards*		1941	2,800	5,607	656	0	0	0
838		Cypress; MisU		100	x	x	0	0	0
839		Paint Creek; MisU		10	x	x	0	0	0
840		Bethel; MisU		20	x	x	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
781	37	2	1	0	25	0	x	x		x	x	S	P	1,850	20	AL		
782	2	0	0	0	6	0	x	x		37.5	x	S	P	1,925	10	AL		
783	2	0	0	0	1	0	x	x		x	x	S	P	1,980	10	AL		
784	5	0	0	0	5	0	x	x		x	x	S	P	2,000	10	AL		
785	24	0	3	0	19	0	x	x	G	34.0	0.40	S	P	2,155	20	AL		
786	43	0	2	0	34	0	x	x	G	34.5	0.19	S	P	2,215	16	AL		
787	0	0	0	0	2	0	x	x		x	x	S	P	x	x	AL		
788	353	3	7	0	259	0	x	x	G	34.8	x	S	P	2,570	20	AL		
789	15	0	1	0	13	0	x	x		x	x	S	P	2,660	20	AL		
790	185	14	4	0	114	0	x	x	G	34.0	0.24	S	P	2,700	27	AL		
791	213	3	4	0	148	0	x	x	G	34.2	0.19	S	P	2,825	15	AL		
792	4	1	0	0	2	0	x	x		x	x	OL	P	2,900	6	AC		
793	4	1	1	0	4	0	x	x		x	x	LS	P	2,910	10	AC		
794	119	0	4	0	81	0	x	x		35.0	0.33	OL	P	2,925	8	AC		
795	237	5	4	0	330	0												
796	5	0	0	0	1	0											MisL	3,207
797	1	0	0	0	x	0	x	x		x	x	S	P	2,250	18	MF		
798	1	0	0	0	x	0	x	x		x	x	S	P	2,350	16	MF		
799	1	0	0	0	0	0	x	x		x	x	S	P	2,815	10	MF		
800	1	0	0	0	x	0	x	x		x	x	OL	P	3,010	5	MF		
801	1	0	0	0	0	0												
802	6	0	0	0	6	0											MisL	3,068
803	0	0	0	0	0	0	x	x		x	x	S	P	1,850	8	MF		
804	1	0	0	0	1	0	x	x		x	x	S	P	1,955	10	MF		
805	3	0	0	0	3	0	x	x		x	x	S	P	2,120	30	MF		
806	2	0	0	0	2	0												
807	23	0	1	0	21	0											MisL	2,980
808	4	0	0	0	4	0	x	x		36.4	0.27	S	P	2,105	12	ALf		
809	1	0	0	0	1	0	x	x		x	x	S	P	2,245	8	ALf		
810	7	0	1	0	6	0	x	x		x	x	S	P	2,444	12	ALf		
811	4	0	0	0	3	0	x	x		x	x	S	P	2,720	15	ALf		
812	1	0	0	0	1	0	x	x		x	x	OL	P	2,840	6	MC		
813	6	0	0	0	6	0												
814	2	0	0	0	2	0	x	x		x	x	S	P	2,175	10	ML	MisL	2,990
815	25	6	0	0	24	0											MisL	2,950
816	23	5	0	0	23	0	x	x		x	x	S	P	2,115	12	Af		
817	1	1	0	0	1	0	x	x		38.0	x	S	P	2,715	8	Af		
818	1	0	0	0	0	0	x	x		x	x	L	P	2,795	5	Af		
819	4	0	0	0	3	0	x	x		x	x	L	P	2,950	6	MC	MisL	3,040
820	1	0	1	0	0	0	x	x		x	x	L	P	2,855	5	MC	MisL	2,889
821	1	0	0	0	0	0	x	x		x	x	L	P	2,990	7	MC	MisL	3,120
822	25	4	0	0	25	0	x	x		x	x	S	P	1,750	13	AL	Dev	3,597
823	54	1	2	0	33	0			W								MisL	3,289
824	6	0	0	0	6	0	x	x		37.2	0.19	L	P	3,005	6	A		
825	48	1	2	0	26	0	x	x		37.2	0.19	L	P	3,040	8	A		
826	0	0	0	0	1	0												
827	27	0	1	0	23	0	x	x		x	x	L	P	3,075	7	A	MisL	3,181
828	2	0	0	0	0	0	x	x		x	x	L	P	3,055	4	MC	MisL	3,120
829	25	4	0	0	22	0											MisL	2,915
830	2	2	0	0	2	0	x	x		x	x	S	P	1,335	10	D		
831	19	2	0	0	14	0	750	231		27.0	0.24	S	P	1,700	15	D		
832	4	0	0	0	3	0	x	x		x	x	S	P	1,900	15	D		
833	0	0	0	0	3	0												
834	1	0	0	0	1	0	x	x		37.0	x	L	P	2,855	8	MCf	MisL	3,000
835	2	0	0	0	1	0	x	x		x	x	L	P	2,490	10	D	MisL	2,584
836	4	0	0	0	0	0	x	x				S	P	575	30	A	Dev	2,016
837	144	17	5	0	127	0											MisL	3,333
838	3	2	0	0	2	0	x	x		x	x	S	P	2,830	12	A		
839	0	0	0	0	1	0	x	x		x	x	S	P	2,955	17	A		
840	1	0	0	0	1	0	x	x		x	x	S	P	2,930	12	A		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Year of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
841		Lower Ohara; MisL		60	x	x	0	0	0
842		Rosiclare; MisL		80	x	x	0	0	0
843		McClosky; MisL		2,630	x	x	0	0	0
844		[9]							
845	Parkersburg North, *Richland*	McClosky; MisL	1945	20	8	1	0	0	0
846	Parkersburg South, *Edwards*	Bethel; MisU	1948	10	2	2	0	0	0
847	Parkersburg West, *Richland-Edwards*		1943	110	75	5	0	0	0
848		Lower Ohara; MisL		20	x	x	0	0	0
849		McClosky; MisL		100	x	x	0	0	0
850	Passport, *Clay*		1945	860	1,223	1,064	0	0	0
851		Lower Ohara; MisL		40	x	x	0	0	0
852		Rosiclare; MisL		40	x	x	0	0	0
853		McClosky; MisL		800	x	x	0	0	0
854		[9]							
855	Passport South, *Richland*		1948	20	9	9	0	0	0
856		Cypress; MisU		10	2	2	0	0	0
857		Rosiclare; MisL		10	7	7	0	0	0
858	Patoka, *Marion*		1937	920	8,798	776	0	0	0
859		Cypress, MisU		40	x	x	0	0	0
860		Bethel; MisU		780	x	x	0	0	0
861		Rosiclare; MisL		60	x	x	0	0	0
862		Devonian; Dev		40	82	30	0	0	0
863	Patoka East, *Marion*		1941	500	3,066	172	0	0	0
864		Cypress; MisU		480	x	x	0	0	0
865		Bethel; MisU		90	x	x	0	0	0
866	Phillipstown Consolidated, *White-Edwards*[63]		1939	3,590	8,380	1,024	0	0	0
867		Pennsylvanian; Pen		50	x	x	0	0	0
868		Pennsylvanian; Pen		200	x	x	0	0	0
869		Biehl; Pen		600	x	x	0	0	0
870		Degonia; MisU		560	x	x	0	0	0
871		Clore; MisU		100	x	x	0	0	0
872		Palestine; MisU		30	x	x	0	0	0
873		Waltersburg; MisU		10	x	x	0	0	0
874		Tar Springs; MisU		760	x	x	0	0	0
875		Cypress; MisU		70	x	x	0	0	0
876		Paint Creek; MisU		160	x	x	0	0	0
877		Bethel; MisU		320	x	x	0	0	0
878		Aux Vases; MisU		350	x	x	0	0	0
879		Lower Ohara; MisL		60	x	x	0	0	0
880		Rosiclare; MisL		80	x	x	0	0	0
881		McClosky; MisL		500	x	x	0	0	0
882		[9]							
883	Plainview, *Macoupin*	Pennsylvanian; Pen	1942	10	1	.3	0	0	0
884	Posey, *Clinton*	Cypress; MisU	1941	20	6	0	0	0	0
885	Raymond, *Montgomery*	Pottsville; Pen	1940	70	9	2	0	0	0
886	Richview, *Washington*	Cypress; MisU	1946	10	3	1	0	0	0
887	Ridgway, *Gallatin*[64]	McClosky; MisL	1946	20	.1	0	0	0	0
888	Riffle, *Clay*	Rosiclare; MisL	1948	20	5	5	0	0	0
889	Rinard, *Wayne*[65]	McClosky; MisL	1937	20	7	0	0	0	0
890	Roaches, *Jefferson*		1938	200	522	13	0	0	0
891		Lower Ohara; MisL		40	x	x	0	0	0
892		Rosiclare; MisL		100	x	x	0	0	0
893		McClosky; MisL		80	x	x	0	0	0
894		[9]							
895	Roaches North, *Jefferson*		1944	400	972	98	0	0	0
896		Bethel; MisU		380	x	x	0	0	0
897		Rosiclare; MisL		20	x	x	0	0	0
898		McClosky; MisL[27]		20	x	x	0	0	0
899		[9]							
900	Rochester, *Wabash*[59]		1948	230	66	66	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
841	1	0	0	0	1	0	x	x		x	x	OL	P	3,070	10	A		
842	3	0	0	0	1	0	x	x		x	x	LS	P	3,100	7	A		
843	130	15	5	0	111	0	x	x		38.0	0.31	OL	P	3,135	10	A		
844	6	0	0	0	10	0												
845	1	0	0	0	1	0	x	x		x	x	L	P	3,085	6	N	MisL	3,212
846	1	1	0	0	1	0	x	x		x	x	S	P	2,815	8	x	MisL	3,085
847	4	0	0	0	2	0											MisL	3,331
848	1	0	0	0	0	0	x	x		x	x	L	P	3,220	5	AC		
849	3	0	0	0	2	0	x	x		x	x	L	P	3,245	6	AC		
850	47	40	0	0	47	0											MisL	3,140
851	0	0	0	0	2	0	x	x		x	x	L	P	3,000	5	A		
852	1	0	0	0	0	0	x	x		x	x	L	P	3,005	5	A		
853	44	39	0	0	43	0	x	x		37.4	x	L	P	3,020	10	A		
854	2	1	0	0	2	0												
855	2	2	0	0	2	0											MisL	3,139
856	1	1	0	0	1	0	x	x		x	x	S	P	2,665	15	x		
857	1	1	0	0	1	0	x	x		x	x	L	P	3,025	6	x		
858	167	3	3	0	101	0			W								Dev	3,142
859	0	0	0	0	4	0	x	x		x	x	S	P	x	15	D		
860	162	3	3	0	93	0	x	x	W	39.5	0.16	S	P	1,410	25	D		
861	4	0	0	0	3	0	x	x		40.9	0.31	S	P	1,560	15	D		
862	1	0	0	0	1	0	x	x		40.0	0.28	L	P	2,835	10	D		
863	59	0	0	0	53	0											MisL	1,740
846	54	0	0	0	48	0	x	x		36.0	0.18	S	P	1,340	16	A		
865	5	0	0	0	5	0	x	x		36.0	0.23	S	P	1,465	10	A		
866	280	11	7	0	247	0			W G								Dev	5,350
867	3	0	0	0	2	0	x	x		36.0	x	S	P	795	10	MF		
868	14	0	2	0	11	0	x	x		36.0	x	S	P	1,340	10	MF		
869	48	1	0	0	35	0	500	x	W	36.2	0.22	S	P	1,450	15	MF		
870	23	0	0	0	23	0	x	x	G	36.0	x	S	P	1,975	15	MF		
871	2	0	0	0	2	0	x	x		x	x	S	P	2,010	12	MF		
872	3	0	0	0	2	0	x	x		x	x	S	P	2,050	11	MF		
873	3	0	0	0	3	0	x	x		x	x	S	P	2,280	11	MF		
874	55	0	1	0	53	0	x	x		x	x	S	P	2,295	15	MF		
875	7	0	0	0	6	0	x	x		x	x	S	P	2,720	12	MF		
876	3	0	0	0	6	0	x	x		x	x	S	P	2,780	9	MF		
877	19	0	0	0	14	0	x	x		x	x	S	P	2,810	15	MF		
878	19	2	0	0	17	0	x	x		x	x	S	P	2,880	15	MF		
879	2	0	0	0	2	0	x	x		x	x	L	P	3,010	10	MC		
880	6	2	0	0	4	0	x	x		x	x	LS	P	2,960	10	MC		
881	33	2	2	0	31	0	1,200	x		36.0	0.21	L	P	3,000	6	MCf		
882	40	4	2	0	36	0												
883	1	0	0	0	1	0	x	x		x	x	S	P	410	5	x	Pen	421
884	2	0	0	0	0	0	x	x		35.8	0.17	S	P	1,105	5	M	MisU	1,509
885	8	2	0	0	4	0	x	x		34.8	0.22	S	P	590	10	ML	MisL	1,001
886	1	0	0	0	1	0	x	x		x	x	S	P	1,520	7	AL	MisL	1,932
887	1	0	0	0	0	0	x	x		x	x	L	P	2,840	6	MC	MisL	2,938
888	1	1	0	0	1	0	x	x		x	x	L	P	2,735	5	MC	MisL	2,848
889	1	0	0	0	0	0	x	x		38.5	x	L	P	3,145	A	AC	MisL	3,280
890	13	0	0	0	5	0											Dev	3,840
891	2	0	0	0	0	0	x	x		37.2	0.22	L	P	2,170	5	AC		
892	7	0	0	0	4	0	x	x		37.2	0.22	L	P	2,190	12	AC		
893	4	0	0	0	0	0	x	x		37.2	0.22	L	P	2,250	4	AC		
894	0	0	0	0	1	0												
895	34	0	1	0	33	0											MisL	2,283
896	32	0	1	0	30	0	x	x		x	x	S	P	1,925	7	A		
897	1	0	0	0	1	0	x	x		x	x	L	P	2,115	8	AC		
898	0	0	0	0	0	0	x	x		x	x	L	P	x	x	AC		
899	1	0	0	0	2	0												
900	31	31	0	0	31	0											MisL	2,810

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Date of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
901		Pennsylvanian; Pen		110	x	x	0	0	0
902		Waltersburg; MisU		150	x	x	0	0	0
903		[9]							
904	Roland, *White-Gallatin*		1940	2,910	8,392	1,103	160	0	0
905		Pennsylvanian; Pen[27]		10	x	x	0	0	0
906		Clore; MisU[27]		10	x	x	0	0	0
907		Waltersburg; MisU		1,970	x	x	160	0	0
908		Tar Springs; MisU		40	x	x	0	0	0
909		Cypress; MisU		550	x	x	0	0	0
910		Paint Creek; MisU[27]		30	x	x	0	0	0
911		Bethel; MisU		560	x	x	0	0	0
912		Aux Vases; MisU		680	x	x	0	0	0
913		Lower Ohara; MisL[27]		40	x	x	0	0	0
914		Rosiclare; MisL[27]		40	x	x	0	0	0
915		McClosky; MisL		100	x	x	0	0	0
916		[9]							
917	Ruark, *Lawrence*		1941	30	x	1	0	0	0
918		Buchanan; Pen		20	x	x	0	0	0
919		Bethel; MisU		10	x	x	0	0	0
920	Rural Hill, *Hamilton*		1941	3,650	11,054	1,019	0	0	0
921		Cypress; MisU[27]		30	x	x	0	0	0
922		Paint Creek; MisU		40	x	x	0	0	0
923		Aux Vases; MisU		3,310	x	x	0	0	0
924		Lower Ohara; MisL		1,280	x	x	0	0	0
925		Rosiclare; MisL		110	x	x	0	0	0
926		McClosky; MisL		900	x	x	0	0	0
927		[9]							
928	Rural Hill West, *Hamilton*	Aux Vases; MisU	1945	10	9	3	0	0	0
929	Russellville (Gas), *Lawrence*		1937	20	4	3	1,800	7,069	49
930		Bridgeport; Pen		0	0	0	x	x	x
931		Buchanan; Pen		0	0	0	x	x	x
932		McClosky; MisL		20	4	3	0	0	0
933	St. Francisville East, *Lawrence*	Bethel; MisU	1941	160	170	13	0	0	0
934	St. Jacob, *Madison*	"Trenton"; Ord	1942	1,120	2,067	163	0	0	0
935	St. James, *Fayette*	Cypress; MisU	1938	1,860	10,378	553	0	0	0
936	St. Paul, *Fayette*	Bethel; MisU	1941	200	399	32	0	0	0
937	Ste. Marie, *Jasper*	McClosky; MisL	1941	620	581	21	0	0	0
938	Sailor Springs Consolidated, *Clay*		1941	2,900	4,614	1,314	0	0	0
939		Tar Springs; MisU		630	x	x	0	0	0
940		Glen Dean; MisU[28]		10	x	x	0	0	0
941		Cypress; MisU		830	x	x	0	0	0
942		Bethel; MisU		80	x	x	0	0	0
943		Aux Vases; MisU		40	x	x	0	0	0
944		Lower Ohara; MisL		80	x	x	0	0	0
945		Rosiclare; MisL		20	x	x	0	0	0
946		McClosky; MisL		990	x	x	0	0	0
947		[9]							
948	Sailor Springs Central, *Clay*	Rosiclare; MisL	1948	10	0.1	.1	0	0	0
949	Sailor Springs East, *Clay*	Cypress; MisU	1944	100	50	5	0	0	0
950	Sailor Springs North, *Clay*	Rosiclare; MisL	1948	20	.5	.5	0	0	0
951	Sailor Springs West, *Clay*		1948	230	62	62	0	0	0
952		Cypress; MisU		210	60	60	0	0	0
953		Ste. Genevieve; MisL		20	2	2	0	0	0
954	Salem, *Marion*		1938	9,600	208,008	4,691	0	0	0
955		Bethel; MisU		x	x	x	0	0	0
956		Aux Vases; MisU		x	x	x	0	0	0
957		Rosiclare; MisL		x	x	x	0	0	0
958		McClosky; MisL		x	x	x	0	0	0
959		St. Louis; MisL		x	x	x	0	0	0
960		Salem; MisL		x	x	x	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]		Secondary Recovery[j]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulfur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
901	10	10	0	0	10	0	x	x		x	x	S	P	1,300	16	MLf		
902	19	19	0	0	19	0	x	x		x	x	S	P	1,940	26	ML		
903	2	2	0	0	2	0												
904	208	32	2	3	192	0											Dev	5,225
905	0	0	0	0	0	0	x	x		x	x	S	P	x	x	AL		
906	0	0	0	0	0	0	x	x		x	x	S	P	x	x	AL		
907	109	29	0	3	99	0	1,200	900		38.0	0.25	S	P	2,150	19	AL		
908	3	0	0	0	2	0	x	x		x	x	S	P	2,240	10	AL		
909	21	0	1	0	20	0	x	x		32.0	x	S	P	2,560	15	AL		
910	0	0	0	0	0	0	x	x		x	x	S	P	2,750	12	AL		
911	18	1	0	0	16	0	x	x		38.0	x	S	P	2,760	15	AL		
912	17	0	1	0	14	0	x	x		x	x	S	P	2,880	12	AL		
913	0	0	0	0	0	0	x	x		x	x	OL	P	3,000	8	AC		
914	0	0	0	0	0	0	x	x		38.4	x	L	P	3,020	4	AC		
915	2	0	0	0	0	0	x	x		38.4	x	OL	P	3,050	8	AC		
916	38	2	0	0	41	0												
917	3	0	1	0	1	0											MisL	2,320
918	2	0	1	0	x	0	x	x		x	x	S	P	1,510	14	AL		
919	1	0	0	0	x	0	x	x		x	x	S	P	2,065	11	AL		
920	266	35	4	0	240	0			G								Dev	5,481
921	0	0	0	0	0	0	x	x		x	x	S	P	2,705	15	A		
922	0	0	0	0	1	0	x	x		x	x	S	P	3,040	20	A		
923	145	23	1	0	123	0	x	x	G	38.0	0.15	S	P	3,130	25	A		
924	28	7	0	0	26	0	x	x		38.4	0.22	L	P	3,175	15	AC		
925	4	2	0	0	3	0	x	x		x	x	LS	P	3,200	5	AC		
926	25	2	1	0	20	0	x	x		x	x	L	P	3,230	10	AC		
927	64	1	2	0	67	0												
928	1	0	0	0	1	0	x	x		x	x	S	P	3,230	16	ML	MisL	3,483
929	60	0	0	0	2	16											Dev	3,133
930	18	0	0	0	0	4	x	x				S	P	760	15	A		
931	42	0	0	0	0	12	x	x				S	P	1,100	12	A		
932	0	0	0	0	2	0	x	x		x	x	L	P	1,560	7	A		
933	11	0	0	0	11	0	x	x		39.8	0.21	S	P	1,750	20	A	MisL	1,960
934	53	0	0	0	45	0	x	x		40.0	0.23	L	P	2,260	17	A	Ord	2,549
935	187	0	2	0	156	0	x	x		34.4	0.31	S	P	1,580	16	A	Dev	3,457
936	14	0	0	0	11	0	x	x		34.0	0.23	S	P	1,900	9	A	Dev	3,570
937	20	0	1	0	16	0	x	x	W	40.2	0.14	L	P	2,840	8	AC	MisL	2,935
938	207	45	6	0	192	0											MisL	3,460
939	44	0	0	0	39	0	x	x		37.0	0.17	S	P	2,340	12	A		
940	0	0	0	0	0	0	x	x		x	x	L	P	2,390	8	A		
941	82	9	1	0	79	0	x	x		38.5	0.28	S	P	2,590	13	A		
942	5	4	0	0	6	0	x	x		x	x	S	P	2,785	24	A		
943	3	3	0	0	5	0	x	x		x	x	S	P	2,845	11	A		
944	2	1	0	0	1	0	x	x		x	x	OL	P	2,945	6	A		
945	1	1	0	0	1	0	x	x		x	x	LS	P	2,950	10	A		
946	60	22	5	0	50	0	x	x		36.4	x	OL	P	3,000	6	A		
947	10	5	0	0	11	0												
948	1	1	0	0	1	0	x	x		x	x	L	P	3,015	4	MC	MisL	3,109
949	9	0	0	0	5	0	x	x		x	x	S	P	2,695	8	D	MisL	3,168
950	1	1	0	0	1	0	x	x		x	x	L	P	2,985	5	MC	MisL	2,991
951	15	15	0	0	15	0											MisL	3,044
952	14	14	0	0	14	0	x	x		x	x	S	P	2,590	22	AL		
953	1	1	0	0	1	0	x	x		x	x	L	P	2,965	5	AC		
954	2,457	0	26	7	2,067	0			G								St. Peter	5,655
955	487	0	5	0	338	0	x	x		38.2	0.19	S	P	1,780	40	A		
956	152	0	2	0	66	0	x	x		38.6	0.21	S	P	1,825	40	A		
957	9	0	0	0	10	0	x	x		x	x	S	P	1,950	5	AL		
958	552	0	10	0	313	0	x	x		x	x	OL	P	1,990	17	A		
959	0	0	0	0	2	0	x	x		x	x	L	P	2,100	x	A		
960	8	0	0	0	12	0	x	x		x	x	L	P	2,160	17	A		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Date of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
961		Devonian; Dev		x	35,677	391	0	0	0
962		"Trenton"; Ord		x	3,225	239	0	0	0
963		[9]							
964	Samsville, *Edwards*[66]	Waltersburg; MisU	1942	20	1	0	0	0	0
965	Samsville North, *Edwards*	Bethel; MisU	1945	190	120	25	0	0	0
966	Sandoval West, *Clinton*	Cypress; MisU	1946	10	13	3	0	0	0
967	Santa Fe, *Clinton*[67]	Cypress; MisU	1944	10	2	0	0	0	0
968	Schnell, *Richland*	McClosky; MisL	1938	80	211	3	0	0	0
969	Seminary, *Richland*	McClosky; MisL	1945	160	115	56	0	0	0
970	Sesser, *Franklin*		1942	260	235	101	0	0	0
971		Renault; MisU		140	x	x	0	0	0
972		Aux Vases; MisU		80	x	x	0	0	0
973		Rosiclare; MisL[27]		30	x	x	0	0	0
974		McClosky; MisL[27]		30	x	x	0	0	0
975		[9]							
976	Shattuc, *Clinton*		1945	200	43	29	0	0	0
977		Cypress; MisU		180	x	x	0	0	0
978		Paint Creek; MisU		10	x	x	0	0	0
979		"Trenton"; Ord		20	4	4	0	0	0
980	Shawneetown, *Gallatin*	Aux Vases; MisU	1945	10	.5	0	0	0	0
981	Shawneetown North, *Gallatin*	McClosky; MisL	1948	20	.2	.2	0	0	0
982	Shelbyville, *Shelby*	Aux Vases; MisU	1946	60	7	5	0	0	0
983	Sorento, *Bond*	Devonian; Dev	1938	140	25	15	0	0	0
984	Stanford, *Clay*		1945	270	599	26	0	0	0
985		Rosiclare; MisL		240	x	x	0	0	0
986		McClosky; MisL		180	x	x	0	0	0
987		[9]							
988	Stanford South, *Clay*		1946	210	223	49	0	0	0
989		Aux Vases; MisU		150	x	x	0	0	0
990		McClosky; MisL		100	x	x	0	0	0
991	Stanford West, *Clay*		1947	70	41	11	0	0	0
992		Rosiclare; MisL[28]		10	x	x	0	0	0
993		McClosky; MisL		70	x	x	0	0	0
994		[9]							
995	Stewardson, *Shelby*	Aux Vases; MisU	1939	80	89	9	0	0	0
996	Stokes-Brownsville, *White*		1939	2,440	5,780	625	0	0	0
997		Palestine; MisU		30	x	x	0	0	0
998		Tar Springs; MisU		100	x	x	0	0	0
999		Hardinsburg; MisU		1,120	x	x	0	0	0
1000		Cypress; MisU		150	x	x	0	0	0
1001		Paint Creek; MisU		300	x	x	0	0	0
1002		Bethel; MisU		200	x	x	0	0	0
1003		Aux Vases; MisU		160	x	x	0	0	0
1004		Lower Ohara; MisL		200	x	x	0	0	0
1005		Rosiclare; MisL		140	x	x	0	0	0
1006		McClosky; MisL		480	x	x	0	0	0
1007		[9]							
1008	Storms, *White*		1939	1,840	5,692	218	460	x	110
1009		Waltersburg; MisU		1,790	x	x	460	x	110
1010		Tar Springs; MisU		100	x	x	0	0	0
1011		Cypress; MisU		20	x	x		0	0
1012		Bethel; MisU		20	x	x		0	0
1013		Aux Vases; MisU		20	x	x	0	0	0
1014		McClosky; MisL		20	x	x	0	0	0
1015		[9]							
1016	Stringtown, *Richland*		1941	370	621	373	0	0	0
1017		Rosiclare; MisL		20	10	10	0	0	0
1018		McClosky; MisL		350	511	363	0	0	0
1019	Stringtown East, *Richland*	McClosky; MisL	1948	20	1	1	0	0	0
1020	Sumner, *Lawrence*	McClosky; MisL	1944	40	12	3	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[l]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End o 1948	Completed	Ab ndoned	Flowing	Artificial Lift	Gas	Initial	Avg/End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
961	541	0	8	0	262	0	x	x		42.1	0.28	L	C	3,440	40	A		
962	2	0	0	7	40	0	x	x		x	x	L	C	4,500	50	A		
963	706	0	1	0	1,024	0												
964	2	0	0	0	0	0	x	x		x	x	S	P	2,430	10	A	MisL	3,303
965	14	0	0	0	12	0	x	x		x	x	S	P	2,900	6	A	MisL	3,242
966	1	0	0	0	1	0	x	x		x	x	S	P	1,420	4	A	MisL	3,203
967	1	0	0	0	0	0	x	x		x	x	S	P	955	10	A	Dev	2,512
968	4	0	0	0	2	0	x	x		37.0	0.19	OL	P	3,000	5	AC	MisL	3,123
969	8	6	1	0	7	0	x	x		x	x	L	P	3,195	8	AC	MisL	3,333
970	18	4	0	0	16	0											Dev	4,688
971	9	0	0	0	9	0	x	x		39.2	0.17	S	P	2,690	10	AL		
972	6	2	0	0	4	0	x	x		39.2	0.17	S	P	2,700	10	AL		
973	0	0	0	0	0	0	x	x		x	x	L	P	2,835	16	A		
974	0	0	0	0	0	0	x	x		x	x	L	P	2,860	5	A		
975	3	2	0	0	3	0												
976	12	5	0	0	12	0											Ord	4,071
977	10	4	0	0	10	0	x	x		x	x	S	P	1,280	7	AL		
978	1	0	0	0	1	0	x	x		x	x	S	P	1,420	13	AL		
979	1	1	0	0	1	0	x	x		40.0	x	L	C	4,055	12	A		
980	1	0	0	0	0	0	x	x		x	x	S	P	2,650	10	MF	MisL	2,837
981	1	1	0	0	1	0	x	x		x	x	L	P	3,045	6	MF	MisL	3,091
982	4	1	1	0	2	0	x	x		x	x	S	P	1,860	15	A	MisL	2,119
983	7	1	1	0	4	0	x	x		35.4	x	L	C	1,850	4	A	Dev	1,946
984	14	0	0	0	14	0											MisL	3,150
985	7	0	0	0	8	0	x	x		x	x	OL	P	3,000	6	MC		
986	4	0	0	0	5	0	x	x		38.0	x	L	P	3,025	6	MC		
987	3	0	0	0	1	0												
988	17	1	1	0	16	0											MisL	3,20
989	3	0	1	0	12	0	x	x		x	x	S	P	2,970	12	AL		
990	4	3	0	0	4	0	x	x		x	x	L	P	3,090	3	AC		
991	3	0	1	0	2	0											MisL	3,106
992	0	0	0	0	0	0	x	x		x	x	L	P	2,980	2	ML		
993	2	0	1	0	2	0	x	x		x	x	L	P	3,030	6	ML		
994	1	0	0	0	0	0												
995	6	0	0	0	6	0	x	x		37.0	0.18	S	P	1,945	9	A	MisL	2,138
996	184	2	6	0	153	0											MisL	3,312
997	2	0	0	0	2	0	x	x		36.0	x	S	P	2,085	2	MF		
998	2	0	0	0	2	0	x	x		36.0	x	S	P	2,295	15	MF		
999	92	2	1	0	82	0	x	x		35.6	0.22	S	P	2,630	18	A		
1000	9	0	2	0	5	0	x	x		36.0	x	S	P	2,660	12	MF		
1001	11	0	0	0	13	0	x	x		36.0	x	S	P	2,800	22	AF		
1002	11	0	0	0	8	0	x	x		36.0	x	S	P	2,815	8	AF		
1003	7	0	0	0	7	0	x	x		36.0	x	S	P	2,890	13	AF		
1004	6	0	0	0	4	0	x	x		36.0	x	OL	P	3,035	5	AC		
1005	11	0	1	0	7	0	x	x		36.0	x	LS	P	3,070	8	AC		
1006	18	0	0	0	6	0	x	x		35.8	0.23	OL	P	3,120	8	AC		
1007	15	0	2	0	17	0												
1008	177	4	8	0	138	4											MisL	3,174
1009	167	4	6	0	132	4	x	x		32.1	0.28	S	P	2,230	15	AL		
1010	4	0	0	0	3	0	x	x		x	x	S	P	2,340	10	MLf		
1011	1	0	0	0	1	0	x	x		x	x	S	P	2,655	10	MLf		
1012	0	0	0	0	0	0	x	x		x	x	S	P	2,805	14	ML		
1013	1	0	0	0	0	0	x	x		x	x	S	P	3,015	9	ML		
1014	1	0	2	0	0	0	x	x		x	x	L	P	3,055	5	MC		
1015	3	0	0	0	2	0												
1016	25	18	0	0	25	0											MisL	3,108
1017	2	2	0	0	2	0	x	x		x	x	L	P	2,990	6	AC		
1018	23	16	0	0	23	0	x	x		39.8	0.24	OL	P	3,040	8	AC		
1019	1	1	0	0	1	0	x	x		x	x	L	P	3,010	4	x	MisL	3,144
1020	2	1	0	0	2	0	x	x		x	x	L	P	2,260	4	MC	MisL	2,365

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Date of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
1021	Sumpter, *White*		1945	30	11	3	0	0	0
1022		Tar Springs; MisU		20	10	2	0	0	0
1023		Cypress; MisU		10	1	1	0	0	0
1024	Sumpter South, *White*	Waltersburg; MisU	1948	10	3	3	0	0	0
1025	Tamaroa, *Perry*	Cypress; MisU	1942	50	11	1	0	0	0
1026	Thackeray, *Hamilton*		1944	580	1,819	240	0	0	0
1027		Aux Vases; MisU		580	x	x	0	0	0
1028		Lower Ohara; MisL[28]		40	x	x	0	0	0
1029		McClosky; MisL		40	x	x	0	0	0
1030		[9]							
1031	Thompsonville, *Franklin*[68]	McClosky; MisL	1940	220	285	0	0	0	0
1032	Thompsonville North, *Franklin*		1944	530	524	411	0	0	0
1033		Cypress; MisU		10	0	0	0	0	0
1034		Aux Vases; MisU		520	524	411	0	0	0
1035	Toliver, *Clay*[69]	McClosky; MisL	1942	40	6	0	0	0	0
1036	Toliver East, *Clay*		1943	80	161	11	0	0	0
1037		Rosiclare; MisL		20	x	x	0	0	0
1038		McClosky; MisL		60	x	x	0	0	0
1039	Tonti, *Marion*		1939	70	8,738	529	0	0	0
1040		Bethel; MisU		x	x	x	0	0	0
1041		Aux Vases; MisU		x	x	x	0	0	0
1042		Rosiclare; MisL		x	x	x	0	0	0
1043		McClosky; MisL		x	x	x	0	0	0
1044		Devonian; Dev		x	1,660	40	0	0	0
1045		[9]							
1046	Trumbull, *White*		1944	230	321	85	0	0	0
1047		Cypress; MisU		100	x	x	0	0	0
1048		Aux Vases; MisU		80	x	x	0	0	0
1049		Rosiclare; MisL		40	x	x	0	0	0
1050		McClosky; MisL		40	x	x	0	0	0
1051		[9]							
1052	Valier, *Franklin*	McClosky; MisL	1942	20	2	0	0	0	0
1053	Waggoner, *Montgomery*	Pottsville; Pen	1940	40	10	1	0	0	0
1054	Wakefield, *Jasper*[70]	Rosiclare; MisL	1946	20	1	0	0	0	0
1055	Walpole, *Hamilton*		1941	1,300	4,085	239	0	0	0
1056		Tar Springs; MisU		20	x	x	0	0	0
1057		Aux Vases; MisU		1,290	x	x	0	0	0
1058		McClosky; MisL[27]		20	x	x	0	0	0
1059		[9]							
1060	Waltonville, *Jefferson*	Bethel; MisU	1943	40	70	9	0	0	0
1061	Waverly (Gas), *Morgan*		1946	10	0	0	500	0	0
1062		Pennsylvanian; Pen		0	0	0	40	0	0
1063		Devonian; Dev		10	0	0	460	0	0
1064	West End, *Hamilton-Saline*	Aux Vases; MisU	1944	160	331	53	0	0	0
1065	Westfield East, *Clark*	Pennsylvanian; Pen	1947	80	6	4	0	0	0
1066	West Frankfort, *Franklin*[71]		1941	790	1,600	446	0	0	0
1067		Tar Springs; MisU		440	x	x	0	0	0
1068		Aux Vases; MisU		40	x	x	0	0	0
1069		Lower Ohara; MisL		450	x	x	0	0	0
1070		Rosiclare; MisL[28]		10	x	x	0	0	0
1071		McClosky; MisL		400	x	x	0	0	0
1072		[9]							
1073	Whittington, *Franklin*		1939	100	86	9	0	0	0
1074		Hardinsburg; MisU		20	x	x	0	0	0
1075		Cypress; MisU		20	x	x	0	0	0
1076		McClosky; MisL		40	x	x	0	0	0
1077		St. Louis; MisL		40	x	x	0	0	0
1078		[9]							
1079	Whittington West, *Franklin*		1943	170	90	54	0	0	0
1080		Aux Vases; MisU		80	x	x	0	0	0

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[1]		Secondary Recovery[f]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[3]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificial Lift	Gas	Initial	Avg./End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
1021	3	1	0	0	2	0											MisL	3,379
1022	2	0	0	0	1	0	x	x		x	x	S	P	2,575	18	MF		
1023	1	1	0	0	1	0	x	x		x	x	S	P	2,865	20	MF		
1024	1	1	0	0	1	0	x	x		x	x	S	P	2,570	10	ML	MisL	3,425
1025	3	0	0	0	2	0	x	x		36.0	0.12	S	P	1,130	7	AL	MisL	1,630
1026	50	2	0	0	49	0											MisL	3,620
1027	49	2	0	0	48	0	x	x		37.0	x	S	P	3,360	15	AL		
1028	0	0	0	0	0	0	x	x		x	x	L	P	3,440	7	AC		
1029	0	0	0	0	1	0	x	x		x	x	L	P	3,505	10	AC		
1030	1	0	0	0	0	0												
1031	19	0	0	0	0	0	x	x		37.8	0.16	L	P	3,120	10	A	MisL	3,455
1032	56	51	1	0	55	0											MisL	3,365
1033	1	1	0	0	1	0	x	x		x	x	S	P	2,750	10	AL		
1034	55	50	1	0	54	0	x	x		39.0	x	S	P	3,100	20	AL		
1035	1	0	0	0	0	0	x	x		37.1	x	OL	P	2,790	5	MC	MisL	2,887
1036	4	1	1	0	3	0											MisL	2,960
1037	1	1	0	0	0	0	x	x		x	x	L	P	2,815	6	MC		
1038	3	0	1	0	3	0	x	x		x	x	OL	P	2,840	8	MC		
1039	88	8	2	0	78	0											Ord	4,900
1040	7	2	0	0	7	0	x	x		39.0	x	S	P	1,930	20	D		
1041	16	0	0	0	24	0	x	x		39.0	x	S	P	2,005	30	D		
1042	1	1	0	0	1	0	x	x		x	x	LS	P	2,125	12	D		
1043	53	2	2	0	38	0	x	x		39.4	0.21	OL	P	2,130	15	D		
1044	6	0	0	0	4	0	x	x		x	x	L	C	3,500	7	D		
1045	5	3	0	0	4	0												
1046	20	1	2	0	18	0											MisL	3,382
1047	10	0	0	0	10	0	x	x		37.0	x	S	P	2,845	10	A		
1048	6	1	1	0	5	0	x	x		37.0	x	S	P	3,170	9	A		
1049	1	0	1	0	0	0	x	x		x	x	L	P	3,270	6	A		
1050	2	0	0	0	2	0	x	x		x	x	L	P	3,290	5	A		
1051	1	0	0	0	1	0												
1052	1	0	0	0	0	0	x	x		x	x	L	P	2,715	12	ML	MisL	2,725
1053	4	0	1	0	1	0	x	x		28.0	0.21	S	P	610	10	x	Dev	1,893
1054	1	0	0	0	0	0	x	x		x	x	L	P	3,120	5	x	MisL	3,184
1055	69	0	0	0	66	0			W								MisL	3,331
1056	2	0	0	0	2	0	x	x		36.1	x	S	P	2,465	15	AL		
1057	67	0	0	0	63	0	x	x		38.4	0.13	S	P	3,070	20	A		
1058	0	0	0	0	0	0	x	x		x	x	L	P	x	x	A		
1059	0	0	0	0	1	0												
1060	4	0	0	0	3	0	x	x		37.8	0.14	S	P	2,460	9	A	MisL	2,905
1061	6	4	0	0	0	0											Ord	1,543
1062	1	0	0	0	0	0	x	x				S	P	250	13	A		
1063	5	4	0	0	0	0	400	x		x	x	L	C	1,000	10	A		
1064	10	1	0	0	10	0	x	x		38.0	x	S	P	3,140	15	ML	MisL	3,419
1065	6	1	1	0	5	0	x	x		x	x	S	P	400	11	ML	Pen	678
1066	58	17	0	0	56	0											MisL	3,156
1067	32	1	0	0	28	0	x	x		39.0	0.13	S	P	2,060	20	A		
1068	22	0	0	0	2	0	x	x		x	x	S	P	2,710	20	A		
1069	11	4	0	0	10	0	x	x		38.6	0.32	L	P	2,760	8	AC		
1070	0	0	0	0	0	0	x	x		x	x	L	P	2,810	8	AC		
1071	4	3	0	0	7	0	1,100	x		38.0	x	L	P	2,825	14	AC		
1072	9	9	0	0	9	0												
1073	4	1	0	0	3	0											MisL	3,130
1074	1	1	0	0	1	0	x	x		x	x	S	P	2,310	10	A		
1075	1	0	0	0	1	0	x	x		38.6	0.12	S	P	2,535	10	A		
1076	1	0	0	0	0	0	x	x		37.6	0.24	L	P	2,870	9	AC		
1077	1	0	0	0	0	0	x	x		37.6	0.24	L	P	3,080	6	AC		
1078	0	0	0	0	1	0												
1079	7	3	1	0	6	0											MisL	2,942
1080	4	2	0	0	4	0	x	x		x	x	S	P	2,680	15	AL		

TABLE 1 — *Continued*

Line Number	Field, *County*[a]	Producing Formation: Name and Age[b]	Date of Discovery	Oil Production: Area Proved, Acres	Oil Production: Thousands of Bbl: To End of 1948	Oil Production: Thousands of Bbl: During 1948	Gas Production: Area Proved, Acres	Gas Production: Million Cu Ft[c]: To End of 1948	Gas Production: Million Cu Ft[c]: During 1948
1081		Lower Ohara; MisL[27]		30	x	x	0	0	0
1082		Rosiclare; MisL[28]		30	x	x	0	0	0
1083		McClosky; MisL		30	x	x	0	0	0
1084		[9]							
1085	Williams, *Jefferson*	Aux Vases; MisL	1948	10	0	0	0	0	0
1086	Willow Hill East, *Jasper*	McClosky; MisL	1946	190	149	85	0	0	0
1087	Woburn, *Bond*	Bethel; MisU	1940	260	558	18	0	0	0
1088	Woburn South, *Bond*	"Trenton"; Ord	1947	280	67	41	0	0	0
1089	Woodlawn, *Jefferson*		1940	1,730	11,009	672	0	0	0
1090		Cypress; MisU		40	x	x	0	0	0
1091		Bethel; MisU		1,710	x	x	0	0	0
1092		Aux Vases; MisU		190	x	x	0	0	0
1093		Rosiclare; MisL		10	x	x	0	0	0
1094		McClosky; MisL[27]		20	x	x	0	0	0
1095		Devonian; Dev		20	5	1	0	0	0
1096		[9]							
1097	Xenia, *Clay*	Aux Vases; MisU	1941	20	23	2	0	0	0
1098	Zenith, *Wayne*	McClosky; MisL	1948	20	1	1	0	0	0
1099	Total for fields discovered after January 1, 1937[72]			226,800	903,536	59,484	3,800	7,347.5	296.0
1100	Total for Illinois[72]			339,920	1,385,363	64,669	13,805	9,829.3	305.1

[1]Pressures in Southeastern Illinois oil fields are estimated bottom hole pressures reported in previous Survey Publications.
[2]Gravities given prior to 1936 (except those in parentheses) were from data for the year 1925 furnished by the Ohio Pipe Line Company (formerly called the Illinois Pipe Line Co.). Gravities in parentheses are for particular samples.
[3]Discrepancies between numbers of original completions and present producing wells in individual pays are due to reworking of wells.
[4]Abandoned 1945.
[5]Total of lines 2, 6, 10, 11, 15, 22, 28, 33.
[6]Includes Kibbie, Oblong, Robinson and Hardinsville.
[7]Includes Swearingen gas.
[8]Total of lines 38, 44, 45, 46, 47, 48, 49.
[9]Wells producing from more than one pay. See Table 7.
[10]Total of lines 51 and 63.
[11]Includes Patton & Patton West.
[12]Total of lines 1, 37, 50, 64 and 65.
[13]Abandoned 1923.
[14]Abandoned 1933.
[15]Abandoned 1934.
[16]Abandoned 1925, revived 1942.
[17]Abandoned 1935.
[18]Abandoned 1934.
[19]Abandoned 1919.
[20]Abandoned 1921.
[21]Abandoned 1904, revived 1942.
[22]Abandoned 1930, revived 1939.
[23]Abandoned 1937.
[24]Gas not used until 1905, abandoned 1930.
[25]Abandoned 1900.
[26]Total of lines 81 to 109 inclusive.
[27]Producing in multiple pay wells only.
[28]Produced in multiple pay wells only. Not producing now.
[29]Abandoned 1946.
[30]Includes Bible Grove, Bible Grove East, Hoosier, Hoosier North and Ingraham West.
[31]Abandoned 1947.
[32]Abandoned 1948.
[33]Includes Cisne, Dundas, Geff, Noble, Noble North, Noble South, Boos North, Willow Hill, Willow Hill North, Boyleston Consol., Covington East, Boos East, Geff West, Mt. Erie South.
[34]Abandoned 1947.
[35]Abandoned 1946.

TABLE 1 — *Continued*

Line Number	Number of Wells[e]			Wells Producing[f] Dec. 1948			Reservoir Pressure, Psi[i]		Secondary Recovery[j]	Character of Oil[h]		Producing Formation					Deepest Zone Tested[n] to End of 1948	
		1948		Oil[g]														
	Completed to End of 1948	Completed	Abandoned	Flowing	Artificia Lift	Gas	Initial	Avg./End 1948		Gravity A.P.I.[2]	Sulphur, Per Cent	Character[i]	Porosity, Per Cent[j]	Depth to Top of Producing Zone, Ft.[k]	Productive Thickness Avg. Ft.[l] Net	Structure[m]	Name	Depth of Hole, Ft.
1081	0	0	0	0	0	0	x	x		x	x	L	P	2,800	5	AC		
1082	0	0	0	0	0	0	x	x		x	x	L	P	2,780	4	AC		
1083	1	0	0	0	1	0	x	x		x	x	L	P	2,900	6	AC		
1084	2	1	1	0	1	0												
1085	1	1	0	0	1	0	x	x		x	x	S	P	2,570	4	x	Dev	4,578
1086	17	11	1	0	16	0	x	x		x	x	L	P	2,645	6	A	MisL	3,281
1087	28	0	0	0	26	0	x	x		36.4	0.20	S	P	1,020	6	A	Dev	2,454
1088	7	1	0	0	7	0	x	x		38.7	0.27	L	P	3,170	12	A	Ord	3,257
1089	173	11	7	0	138	0											Dev	3,746
1090	3	1	0	0	1	0	x	x		x	x	S	P	1,800	10	AL		
1091	169	10	5	0	127	0	x	x		38.4	0.16	S	P	1,960	25	A		
1092	0	0	0	0	4	0	x	x		x	x	S	P	1,975	10	A		
1093	1	0	0	0	0	0	x	x		x	x	LS	P	2,205	15	A		
1094	0	0	0	0	0	0	x	x		x	x	L	P	2,200	3	A		
1095	0	0	0	0	1	0	x	x		x	x	L	C	3,700	10	A		
1096	0	0	2	0	5	0												
1097	1	0	0	0	1	0	x	x		35.2	0.19	S	P	2,785	13	A	Dev	4,698
1098	1	1	0	0	1	0	x	x		x	x	L	P	2,970	7	MC	MisL	3,010
1099																		
	18,847	1,255	396	45	15,615	25												
1100	39,965	1,314	862	45	26,087	28												

[36]Abandoned 1940.
[37]Abandoned 1943, revived 1948.
[38]Includes Leech Consolidated.
[39]Abandoned 1946.
[40]Abandoned 1943.
[41]Abandoned 1944.
[42]Abandoned 1946.
[43]Abandoned 1942, revived 1943, abandoned 1944.
[44]Abandoned 1940, revived 1941. Includes Mason South.
[45]Abandoned 1945.
[46]Includes Sims.
[47]Abandoned 1942, revived 1943.
[48]Abandoned 1943, revived 1945, abandoned 1947.
[49]Abandoned 1946.
[50]Abandoned 1947.
[51]Abandoned 1941.
[52]Reef.
[53]Abandoned 1947.
[54]Abandoned 1939, revived 1943.
[55]Includes Maud Central and Maud West.
[56]Includes Maunie.
[57]Abandoned 1947.
[58]Abandoned 1948.
[59]Illinois portion only.
[60]Abandoned 1948.
[61]Abandoned 1947.
[62]Abandoned 1940.
[63]Includes Calvin North & Grayville.
[64]Abandoned 1946.
[65]Abandoned 1942.
[66]Abandoned 1943.
[67]Abandoned 1947.
[68]Abandoned 1947.
[69]Abandoned 1944.
[70]Abandoned 1946.
[71]Includes West Frankfort South.
[72]Production totals from U. S. Bureau of Mines monthly report.
[73]Anticline-lens.
[74]Anticline with oil accumulation due to change in character of stratum.

TABLE 2A — *Discovery Wells of New Fields*

	Pool	County	Company and Farm	Location	Total Depth Feet	Producing Formation	Depth to Top Feet	Initial Production (Barrels)[a]	Date of Completion	No. Wells Producing in Pool, Dec. 31, 1948
1	Akin West	Franklin	Taylor & Schumaker, U.S. Coal & Coke 1	21-6S-4E	3,146	Lower Ohara; Rosiclare	3,052;3,082	80; 160	10–26	1
2	Assumption	Christian	Nat'l. Assoc. Pet., Simcox 1	29-13N-1E	3,070; PB2,360	Devonian	2,327	31; 12	10–12	1
3	Assumption North	Christian	Nat'l. Assoc. Pet., J. H. Lawrence 1	9-13N-1E	2,310	Devonian	2,282	116	12–21	4
4	Clay City North	Clay	Calvert & Willis & Ashland, Bemis 1	8-3N-8E	3,094	Rosiclare; McClosky	3,005;3,036	365	2–3	15
5	Craig	Perry	Nat'l. Assoc. Pet., J. A. Ernest 1	23-4S-4W	3,735	Trenton	3,623	22	12–14	1
6	Divide South	Jefferson	W. R. McKain, Cocke 1	12-2S-3E	2,875	McClosky	2,871	354	3–9	4
7	Evers	Effingham	Central Pipe Line, J. Mette 1	33-8N-7E	2,808, PB2,676	McClosky	2,659	57; 63	1–13	1
8	Evers South	Effingham	Dunbar, J. Repking 1	8-7N-7E	2,690	Rosiclare	2,652	30; 4	6–8	1
9	Goldengate West	Wayne	Cities Service, Bryant 1	5-2S-9E	3,480, PB3,254	Aux Vases	3,226	58	3–9	1
10	Herald North	White	Nat'l. Assoc. Pet., Garrison 1	24-6S-9E	2,908	Aux Vases	2,900	56; 30	7–13	4
11	Lancaster North	Lawrence	J. S. Young, Jr., Frick & Limp 1	24-2N-13W	2,534, PB2,316	Bethel	2,292	5	5–18	1
12	Livingston	Madison	J. L. Neary, C. Henke 1	17-6N-6W	536	Pennsylvanian	528	145	7–6	5
13	Maud Central	Wabash	C. E. Skiles, H. Groff 1	22-1S-13W	2,622	Bethel	2,607	104	8–10	*
14	Maud West	Wabash	O. D. Sharp, G. Wells 1	29-1S-13W	2,570	Cypress	2,428	17; 3	8–17	*
15	Mayberry North	Wayne	George & Wrather, M. Monroe 1	27-2S-6E	3,440	McClosky	3,333	75; 10	2–10	0
16	Mills Prairie	Edwards	O. Weston, Hasewinkle 1	22-1N-14W	2,977	Lower Ohara	2,924	33	6–22	1
17	Parkersburg South	Edwards	Bridger Basin, W. Schmidt 1	8-1N-14W	3,085	Bethel	2,813	36; 7	8–3	1
18	Passport South	Richland	Arvin Drlg., A. McDade 1	17-4N-9E	2,682	Cypress	2,667	23	5–18	2
19	Riffle	Clay	Black & Central Pipe Line, Hammer 1	5-4N-6E	2,763	Rosiclare	2,736	200	12–7	1
20	Rochester	Wabash	Lynch Oil, Yarbor 1	14-2S-13W	1,957	Waltersburg	1,876	600	9–21	31
21	Sailor Springs Central	Clay	New Penn Devel., C. O. Schnautz 1	31-4N-8E	3,109	Rosiclare	3,013	2; 20	8-3	1
22	Sailor Springs North	Clay	Rudy & Witt, LaRue 1	16-4N-8E	2,991	Rosiclare	2,986	66; 1	6–8	1
23	Sailor Springs West	Clay	Diamond Oil Exploration, Toliver-Woods Comm. 1	15-4N-7E	2,620	Cypress	2,602	56	5–4	15
24	Shawneetown North	Gallatin	Johnson Drlg., G. E. Mathis 1	17-9S-10E	3,091	McClosky	3,047	68;50	10–5	1
25	Stringtown East	Richland	Calvert & Willis & Aurora, H. Schneider 1	4-4N-14W	3,017	McClosky	3,010	64; 3	11–9	1
26	Sumpter South	White	W. O. Allen, Hughes 1	2-5S-9E	2,611	Waltersburg	2,571	25	5–4	1
27	Williams	Jefferson	H. E. Howard, A. R. McLaughlin 1	2-3S-2E	2,796, PB2,585	Aux Vases	2,566	12; 68	1–4–49	1
28	Zenith	Wayne	Gulf, W. S. Rush 1	35-2N-5E	2,983	McClosky	2,970	92	12–21	1

[a]/Oil and Water.

* Consolidated with Maud North, December 1948

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

	Pool	County	Company and Farm	Location	Total Depth Feet	Producing Formation	Depth to Top, Feet	Initial Production (Barrels)[a]	Date of Completion
1	Amity	Richland	Black, Kocher 1	2-4N-14W	2,946	McClosky	2,931	37	10–5
2	Barnhill	Wayne	Central Pipe Line et al, Boze 1	28-2S-8E	3,463	McClosky	3,455	99; 12	8–10
3	Bennington	Wayne	Arvin Drlg., Hubble 1	13-1N-9E	3,151	Aux Vases	3,138	100	12–14
4	Bible Grove Consolidated	Clay	Sohio, Stortzum et al 1	6-5N-7E	2,511	Cypress	2,491	161; 130	10–5
5	Bible Grove Consolidated	Clay	Baldwin & Pruett, Marshall 1	27-5N-7E	2,832	Aux Vases	2,801	25; 55	8–3
6	Bone Gap South	Edwards	Calvert & Willis, Mayne 1	18-1S-14W	3,223, PB3,110	McClosky	3,104	2; 14	6–15
7	Bungay Consolidated	Hamilton	Nolan, Reed-Twist 1	4-4S-7E	3,507	Rosiclare	3,396	18; 24	11–9
8	Cisne North	Wayne	Nat'l. Assoc. Pet., Feller 1	16-1N-7E	3,250, PB3,075	Aux Vases	3,047	42; 4	7–13
9	Clay City-Noble Consolidated	Clay	Johnson et al, Blessing 1	22-3N-8E	3,037	Aux Vases Rosiclare	2,903 2,985	9; 24	5–25
10	Clay City-Noble Consolidated	Richland	Arvin Drlg. et al, Hassler 1	2-3N-8E	3,140	McClosky	3,041	5; 30	7–13
11	Dahlgren	Hamilton	Bartmes, Whipple 1	23-3S-5E	3,382	McClosky	3,292	144	12–14
12	Divide East	Jefferson	Bell Bros., Warren Heirs 1	18-1S-4E	2,808	McClosky	2,746	51; 2	4–13
13	Divide East	Jefferson	Shulman Bros., Halloway 1	21-1S-4E	2,797	McClosky	2,759	100;20	8–17
14	Dundas East	Richland	Bell Estate et al, Phillips 1	26-5N-10E	3,007	Lower Ohara	2,909	132	10–12
15	Dundas East	Jasper	Sohio, Robbins 1	14-5N-10E	2,938	McClosky	2,921	134	7–27
16	Ellery North	Edwards	Lambert et al, Broster 1	7-2S-10E	3,391	Rosiclare	3,321	12; Trace	5–4
17	Fairfield	Wayne	Robinson & Puckett, Wood 1	16-2S-8E	3,202	Aux Vases	3,182	225; 5	4–20
18	Fairfield	Wayne	Nation, Bothwell 1	19-2S-8E	3,256	Aux Vases	3,229	90	7–13
19	Goldengate Consolidated	White	Magnolia, Taylor 1	31-3S-9E	3,550	McClosky	3,475	9	11–2
20	Half Moon	Wayne	Collins Bros., Messman 1	33-1S-9E	3,405	McClosky	3,310	146	10–5
21	Herald East	Gallatin	Calvert & Willis & Ashland, Egli 1	30-7S-10E	2,184	Tar Springs	2,162	50	10–26
22	Inman East	Gallatin	Vandenbark, Big Barn 1	10-8S-10	2,420	Cypress	2,404	108	2–10
23	Inman East	Gallatin	Miller Drlg., Johnson 1	22-8S-10E	1,998	Waltersburg	1,986	53; 42	11–16
24	Johnsonville West	Wayne	Robinson & Puckett, Smith 1	36-1N-5E.	3,114	McClosky	3,105	25; 60	1–13
25	King	Jefferson	Slagter, Modert et al 1	22-3S-3E	2,870, PB2,772	Aux Vases	2,764	35; 15	8–24
26	Maud	Wabash	Continental, Schrodt 1	26-1S-13W	2,691	Rosiclare	2,680	11; 21	10–19
27	Maud North	Wabash	Ross, Ankenbrandt 1	5-1S-13W	2,549	Bethel	2,539	30	7–13
28	Maud North	Wabash	Mortimer, Peters 1	19-1S-13W	2,526	Cypress	2,520	15; 5	7–13
29	Maud North	Wabash	Skiles, Smith 1	20-1S-13W	2,589	Bethel	2,576	140; 3	5–25
30	Maud North	Wabash	Phillips & Duncan, Keeps & Pfeister 1	24-1S-14W	2,996, PB2,565	Cypress	2,558	12; 2	8–3
31	Mill Shoals	Wayne	Phillips, Book 1	31-2S-8E	3,389	McClosky	3,375	189; 72	1–6
32	Mt. Carmel West	Wabash	Gilliam Drlg., Seitz 1	23-1S-13W	2,288	Cypress	2,280	219	2–3
33	Passport	Clay	Bander et al, Phillips 1	14-4N-8E	3,041	McClosky	3,010	240	5–25
34	Roland	Gallatin	Brehm et al, Burns 1	20-7S-8E	2,188	Waltersburg	2,180	360	8–3
35	Rural Hill	Hamilton	Gulf, Lightner 1	3-7S-5E	3,529	Aux Vases	3,306	170; 40	6–1
36	Sailor Springs Consolidated	Clay	Magnolia, Drake 1	23-4N-7E	2,630	Cypress	2,591	94; 22	9–7
37	Sailor Springs West	Clay	Diamond Oil & Exploration, Dillman 1	15-4N-7E	2,996	Ste. Genevieve	2,924	18; 16	6–29
38	Sesser	Franklin	Mosebach, Eurgil 1	35-5S-1E	2,768, PB2,638	Aux Vases	2,586	50	7–13
39	Stanford South	Clay	Wright, McLaughlin 1	17-2N-7E	3,116	McClosky	3,104	25; 37	2–24
40	Stringtown	Richland	Fulk et al, Jenkins 1	30-5N-11E	3,028	McClosky	3,016	1051	10–26
41	Stringtown	Richland	Johnson et al, Von Almen Heirs 1	31-5N-14W	3,010	McClosky	2,997	1724	9–7
42	Sumpter	White	Duncan & Duncan, Barbare-Rebstock 1	25-4S-9E	3,280, PB2,880	Cypress	2,862	15; 15	9–21
43	Thompsonville North	Franklin	Sheppard, Sweet 1	9-7S-4E	3,075	Aux Vases	3,066	110	7–6
44	Thompsonville North	Franklin	Froderman-Connelly, Carter 1	15-7S-4E	3,146	Aux Vases	3,136	60; Trace	4–13
45	Thompsonville North	Franklin	Ford, Wood Trustee 1	16-7S-4E	2,759	Cypress	2,750	30; 30	11–2
46	Toliver East	Clay	Redwine, McGee 1	24-5N-6E	2,827	Rosiclare	2,817	42; 60	2–10
47	Whittington	Franklin	George & Wrather & Aurora, Wilcox 1	20-8S-3E	2,318	Hardinsburg	2,308	92	10–19

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

Pool	County	Company and Farm	Location	Total Depth, Feet	Producing Formation	Depth to Top, Feet	Production (Barrels)[a]	Date of Completion of Discovery Well
1 Aden Consolidated	Wayne	Weinert, Morlan "A"-2	33-2S-7E	3,756	Salem	3,737	22; 7	2-3
2 Belle Prairie	Hamilton	Phillips, Young 1	12-4S-6E	3,425	Aux Vases[b]	3,251	44; 2	7-27
3 Bone Gap South	Edwards	Phillips, Bone 1	19-1S-14W	3,165	Lower Ohara	3,058	45 33	1-6
4 Clay City North	Clay	Calvert & Willis & Ashland, Bemis "B"-6	8-3N-8E	2,658	Cypress	2,649	90; 35	8-31
5 Crossville	White	Engle, Ridenour 2	10-4S-10E	3,136, PB2,892	Bethel	2,881	40; Trace	7-6
6 Divide East	Jefferson	Nat'l. Assoc. Pet., McElravy 3	17-1S-4E	2,732	Rosiclare	2,729	175	4-20
7 Divide East	Jefferson	Bell, Sledge 1	20-1S-4E	2,810	McClosky	2,723	113; 8	3-23
8 Grayville West	White	Mitchell (Thorne), Hatcher 1	22-3S-10E	3,305, PB1,966	Biehl	1,957	42; 140	5-4
9 Inman West	Gallatin	Kingwood, Fillingham 1	22-8S-9E	2,984	Lower Ohara[b]	2,828	3; 25	4-13
10 Iola South	Clay	Robinson & Puckett, Franklin 1	11-4N-5E	2,675, PB2,437	Bethel	2,422	25; 24	3-9
11 Maud	Wabash	Skiles, Alka 2	34-1S-13W	2,678	Lower Ohara	2,608	70	4-20
12 Maud	Wabash	Skiles, Schrodt 2-A	3-2S-13W	2,355	Biehl[b]	1,718	100	7-27
13 Maud North	Wabash	Mortimer, Peters 1	19-1S-13W	2,526	Cypress	2,520	15; 5	7-13
14 Mt Carmel West	Wabash	Brubeck & Pappas—George & Wrather, Chapman 1	14-1S-13W	2,589	Lower Ohara	2,542	115	6-8
15 Mt. Carmel West	Wabash	Gilliam, Seitz 1	23-1S-13W	2,288	Cypress	2,280	219	2-3
16 New Harmony-Keensburg Consol.	Wabash	Sourapas, Hocking 4	20-2S-13W	2,604, PB1,348	Bridgeport	1,339	10	12-7
17 Omaha	Gallatin	Carter, York 2	33-7S-8E	1,353	Biehl	1,320	139; 20	6-22
18 Passport South	Richland	Arvin Drlg., Stone 1	18-4N-9E	3,033	Rosiclare	3,027	54	8-17
19 Rochester	Wabash	Lynch & Alberding, Legier 1	14-2S-13W	1,968, PB1,298	Pennsylvanian	1,271	75	10-12
20 Sailor Springs West	Clay	Diamond Oil Exploration, Dillman 1	15-4N-7E	2,996	Ste. Genevieve	2,924	18; 16	6-29
21 Shattuc	Clinton	Talbot, Gullick 1-T	28-2N-1W	4,071	"Trenton"	4,000	50; 40	11-9
22 Thompsonville North	Franklin	Ford, Wood Trustee 1	16-7S-4E	2,759	Cypress	2,750	30;30	11-2
23 Whittington	Franklin	George & Wrather & Aurora, Wilcox 1	20-5S-3E	2,318	Hardinsburg	2,308	92	10-19
24 Whittington West	Franklin	Jones, Johnson 1	14-5S-2E	2,804	Lower Ohara[b]	2,800	157	1-6
25 Woodlawn	Jefferson	Magnolia, Eubank 2	35-2S-1E	2,200	McClosky	2,197	18; 1½	6-1

[a] Oil and Water.
[b] Dual Producer.

TABLE 2D — *Selected List of Dry Tests*

	Pool	County	Company and Farm	Location	Total Depth, Feet	Deepest Formation	Depth to Top, Feet	Date of Completion
1	.....	Bond	Sun, Bauer 1	20-5N-2W	3,561	"Trenton"	3,384	8-31
2	.....	Champaign	Hays, Richmond 1	23-21N-7E	1,170	"Trenton"	1,096	1-4-49
3	.....	Christian	Nat'l. Assoc. Pet. & Cont., Peabody Coal "B" 1	33-13N-3W	2,606	"Trenton"	2,510	12-28
4	Assumption*	Christian	Natl. Assoc. Pet., Simcox 1	29-13N-1E	3,070	"Trenton"	2,915	10-12
5	.....	Clark	Schaffer & Granholm, Robinson 1	17-11N-10W	2,130	Devonian	2,094	1-4-49
6	Kenner West	Clay	Phillips, Randall 5	23-3N-5E	4,800	Devonian	4,481	6-15
7	.....	Clinton	Dirickson, Kleystuber 1	34-3N-1W	2,862	Devonian	2,790	9-21
8	.....	Coles	Walker, Temples 1	31-14N-11E	2,355	"Trenton"	2,014	9-7
9	.....	Douglas	Landon, Bareither 1	24-15N-8E	564	Devonian	289	3-2
10	.....	Edgar	Wright, Fenwick 1	36-15N-14W	820	Devonian	751	8-17
11	.....	Hancock	Lambert, Boeddeker 1	23-7N-8W	1,002	St. Peter	972	4-27
12	.....	Jackson	Lambert, Hasler 1	28-10S-2W	2,565	Devonian	2,117	12-21
13	Colmar-Plymouth	McDonough	Lambert, Mathews 1	20-4N-4W	895	St. Peter	885	12-14
14	Colmar-Plymouth	McDonough	Lambert, McCutchen 1	28-4N-4W	435	Maquoketa	431	9-28
15	.....	Macon	Breeze and Bayless, Hiser 1	27-17N-3E	2,308	Silurian	2,262	11-23
16	.....	Madison	Kerwin, Mann 1	16-3N-8W	2,032	"Trenton"	1,834	7-13
17	.....	Marion	Booth, Green 1	13-4N-2E	3,633	Devonian	3,561	2-24
18	.....	Montgomery	Pentecost, Pope 1	28-9N-3W	2,882	"Trenton"	2,801	6-22
19	.....	Montgomery	Nat'l Assoc. Pet., Borgic 1	36-10N-4W	2,806	"Trenton"	2,678	11-9
20	Pike County Gas	Pike	Pan Handle Eastern, Mumford 21-1	21-5S-4W	2,226	Pre-Cambrian	2,221	2-24
21	.....	Pulaski	White, Goza 1	20-15S-1E	1,150	Devonian	627	10-5
22	.....	Union	Ohio, Cross 1	21-13S-2W	1,500	St. Peter	1,445	11-30
23	McKinley**	Washington	McBride, Hunleth 1	29-3S-4W	3,983	"Trenton"	3,013	7-27

*Plugged back to Devonian production.
**Plugged back to Silurian production.

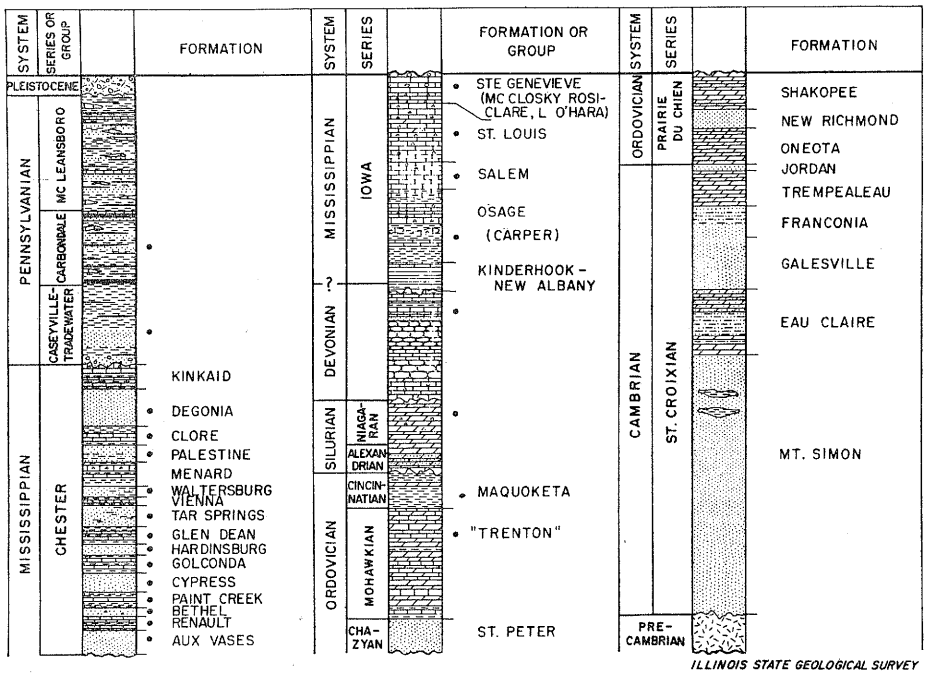

FIG. 3 — GENERALIZED GEOLOGIC COLUMN FOR SOUTHERN ILLINOIS OIL REGION SHOWING BY BLACK DOTS PRINCIPAL OIL AND GAS PRODUCING STRATA.

abandoned Pike County gas pool. In the Colmar-Plymouth pool in McDonough County wells were drilled to the St. Peter and Maquoketa formations. The discovery well of the Assumption pool was drilled to the "Trenton" and then plugged back to the Devonian, and dry Devonian tests were completed in Kenner West pool in Clay County and Mattoon pool in Coles County.

A selected list of dry wildcat wells for 1948 is given in Table 2D.

The total footage of wildcat wells drilled in 1948 was 1,611,197 feet of which 216,621 feet, or 13.4 pct were drilled in successful wells.

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

DEVELOPMENT

Wells were completed in 48 counties in Illinois in 1948, six more than in 1947. Eighty-three pct of the wells were concentrated in 12 counties, or only 25 pct of the total number of counties in which there was drilling. Of the 1,295 successful wells, 710, or about 55 pct, were concentrated in four counties, Wayne, Clay, Wabash, and Gallatin. Clay County ranked first in number of new pools with five discovered during the year; Wayne and Wabash were second with three each. The new pool with the largest number of producing wells completed at the end of the year was Rochester pool in Wabash County, with the second and third largest pools, Sailor Springs West and Clay City North, in Clay County.

TABLE 3 — *Illinois Completions and Production Since January 1, 1936*

Period of Time	Number of Completions[a]	Number of Producing Wells	Production (M Bbl.) New Fields[b]	Old Fields[b, c]	Total[d]
1936	93	52			4,445
1937	449	292	2,884	4,542	7,426
1938	2,536	2,010	19,771	4,304	24,075
1939	3,617	2,970	90,908	4,004	94,912
1940	3,755	3,080	142,969	4,678	147,647
1941	3,807	2,925	128,993	5,145	134,138
1942	2,017	1,179	101,837	4,753	106,590
1943	1,791	1,090(20)[e]	77,581	4,675	82,256
1944	1,991	1,229(12)	72,946	4,467	77,413
1945	1,763	1,094(15)	70,839	4,371	75,210
1946	2,362	1,387(17)	70,174	5,123	75,297
1947	2,046	1,102(22)	61,455	5,004	66,459
1948: Jan.	146	88(2)	4,956	379	5,335
Feb.	176	102(3)	4,670	372	5,042
Mar.	105	63(1)	4,964	444	5,408
April	128	63(2)	4,674	439	5,113
May	238	130(2)	4,954	423	5,377
June	236	136(2)	4,879	457	5,336
July	279	145(1)	5,051	458	5,509
Aug.	217	107(4)	5,168	440	5,608
Sept.	215	106(1)	4,940	440	5,380
Oct.	302	149	5,198	443	5,641
Nov.	212	113(2)	4,979	433	5,412
Dec.	235	114(1)	5,051	457	5,508
	2,489	1,316(21)	59,484	5,185	64,669

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

The average depth of wells drilled for oil and gas in the state in 1948 was 2,615 feet, or about 45 feet deeper than in 1947. Depths of producing wells ranged from about 300 feet to about 4,050 feet.

PRODUCTIVE ACREAGE

The area of proved production in the new pools (discovered since 1936) increased from 220,070 acres at the end of 1947 to 230,600 acres at the end of 1948 (Table 1), an increase of 10,530 acres.

TABLE 4B — *Wildcat Far Wells Classified by Method of Location*

Method of Location	Total	Producers	Percentage Successful
Geology	179	24	13.4
Geophysics	3	2	66.7
Geology & Geophysics	14	2	14.3
Nonscientific	32	0	0
Unknown	3	0	0
Total	231	28	12.1

Of this increase in area, 970 acres were added by gas wells and 9,560 acres by oil wells. Of the added oil acreage, 1,370 acres are in 26 of the 28 new pools discovered during 1948, and 8,190 acres are in developments and extensions of pools discovered earlier. Two of the best pools discovered in 1948, Maud West and Maud Central, were consolidated with Maud North during the year, so acreage for those two pools is included in the figure for developments and extensions.

ESTIMATED PETROLEUM RESERVES

It is estimated by the Illinois Geological Survey that drilling during 1948 proved 49.9 million bbl of oil, 3.2 million in the new pools discovered during the year and 46.7 million in older pools. About half of the total new oil was added to pools discovered during the three years 1937 (largely Clay City-Noble Consol.), 1940 (Inman East), and 1941 (Rural Hill, Sailor Springs Consol. and Grayville West). Of the oil found during the year, 9.2 million bbl were also produced this year, leaving 40.6 million additional reserves as of January 1, 1949. Divided by geologic system, 2.8 pct of the ultimate production of wells completed in 1948 is from the Pennsylvanian, 93.1 pct from the Mississippian, 0.2 pct from the

TABLE 4A — *Wildcat Wells Drilled in Illinois in 1948*

Wildcat Near[a] Total	Producers	Percentage Successful	Wildcat Far[b] Total	Producers	Percentage Successful	Total Wildcats	Total Producers	Percentage Successful
397	47	11.8	231	28	12.1	628	75	11.9

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

TABLE 5 — *Summary of Drilling and Initial Production in Illinois for 1948* (1)

County	Number of Wells Drilled in 1948			Total Initial Production		Footage Drilled in 1948	
	Total Completions	Total Producing		Oil In Bbls.	Gas in Millions of Cubic Feet	Total	Producing Wells
		Oil	Gas				
Alexander	1	0	0	0	0	1,020	0
Bond	15	2	0	260	0	29,238	5,126
Brown	1	0	0	0	0	735	0
Champaign	1	0	0	0	0	1,170	0
Christian	5	2	0	147	0	12,932	4,670
Clark	37	10	0	118	0	21,574	11,352
Clay	310	183	0	36,765	0	914,032	527,061
Clinton	42	24	0	2,653	0	103,151	71,768
Coles	49	26	1	1,745	.027	86,052	51,062
Crawford	18	5	2	102	.711	22,044	7,885
Cumberland	16	7	0	52	0	16,357	4,453
Douglas	1	0	0	0	0	564	0
Edgar	5	1	0	4	0	2,791	457
Edwards	63	27	0	2,104	0	184,604	74,422
Effingham	33	8	0	235	0	86,114	20,068
Fayette	12	6	0	385	0	20,650	9,140
Franklin	127	78	0	8,492	0	384,809	233,359
Gallatin	217	149	1	21,090	.930	514,930	344,825
Greene	1	0	0	0	0	400	0
Hamilton	111	70	0	6,313	0	368,032	226,085
Hancock	2	0	0	0	0	1,677	0
Hardin	3	0	0	0	0	4,252	0
Jackson	3	0	0	0	0	5,895	0
Jasper	118	49	0	7,235	0	315,629	134,475
Jefferson	89	39	0	4,120	0	238,452	100,690
Lawrence	35	12	0	256	0	66,158	21,080
McDonough	3	1	0	1	0	1,765	435
Macon	1	0	0	0	0	2,308	0
Macoupin	1	0	0	0	0	668	0
Madison	43	9	0	462	0	39,992	9,846
Marion	45	17	0	728	0	99,361	33,517
Montgomery	15	2	0	80	0	18,658	1,194
Morgan	4	1	2	3	4.550	3,481	3,152
Moultrie	1	0	0	0	0	2,001	0
Peoria	1	0	0	0	0	501	0
Perry	9	1	0	22	0	16,534	3,735
Pike	1	0	0	0	0	2,226	0
Pulaski	1	0	0	0	0	1,150	0
Richland	156	71	0	12,622	0	476,824	215,581
St. Clair	7	7	0	254	0	5,269	5,239
Saline	5	0	0	0	0	15,749	0
Schuyler	1	0	0	0	0	760	0
Shelby	10	4	0	114	0	19,589	7,090
Union	1	0	0	0	0	1,500	0
Wabash	312	178	0	15,490	0	734,634	403,366
Washington	33	9	3	1,059	14.250	38,096	24,538
Wayne	342	199	0	14,770	0	1,093,177	623,353
White	182	88	1	6,560	2.044	536,933	243,842
	2,489	1,285	10	144,241	22.512	6,514,438	3,422,866

(1) Does not include input wells, salt water disposal wells, or old wells worked over.

Devonian, 1.2 pct from the Silurian, and 2.7 pct from the Ordovician. Nearly half of the new oil came from only three counties — Clay, Wayne, and Gallatin.

Extension of fluid injection programs, in particular the water-flood operations at Maunie South, Siggins, and Bellair, increased the estimated proved reserve by 2.4 million bbl previously considered unavailable. Revisions of previous estimates added approximately 4.2 million bbl to the total reserve figure. The addition to the state's ultimate production due to drilling, secondary recovery operations, and revisions was thus 56.5 million bbl. As the production for 1948 was 64.6 million, the net withdrawal was 8.1 million, and the state's total estimated reserves were reduced from 505.8 million bbl at the beginning to 497.7 million bbl at the end of 1948.

TABLE 6 — *Geophysicial Operations in Number of Crews Working*

Month	Method		
	Seismograph	Gravimeter	Resistivity
Jan.	6	1	1
Feb.	6	1	1
Mar.	6	1	
Apr.	6	1	
May	6	1	
June	4	1	
July	5	1	
Aug.	6	1	
Sept.	6	1	
Oct.	5		
Nov.	5		
Dec.	3		

ECONOMIC DATA

The price of crude oil throughout 1948 was $2.77 per bbl in Illinois. The value (at the wells) of the crude oil produced in the state during the year was approximately $179,131,000.00.

The crude oil produced during 1948 in Illinois, amounting to 64,669,000 bbl, is 19.5 pct of runs-to-stills for refineries in the Central Refining district (Illinois, Indiana, Kentucky, Michigan, western Ohio and Wisconsin).

Stocks of crude petroleum on hand in Illinois on December 31, 1948, were 15,461,000 bbl as compared with 11,372,000 bbl on December 31, 1947. Stocks of refined products in the Central Refining district, according to the U. S. Bureau of Mines, were as follows:

Product	Dec. 31, 1948 Bbl.	Dec. 31, 1947 Bbl.
Gasoline	25,623,000	17,046,000
Kerosene	3,684,000	2,861,000
Gas, oil, and distillate fuel	9,676,000	7,297,000
Residual fuel oil	5,174,000	5,072,000

GAS AND GAS PRODUCTS

Slightly less than 16 billion cu ft of casinghead gas, including essentially all the gas produced in oil wells in Benton, Dale-Hoodville Consol., and Salem fields, most of it from Louden and New Harmoney-Keensburg Consol., and part of it from Phillipstown Consol. and Southeastern Illinois fields, was processed in Illinois natural gasoline plants during 1948. The total yield of natural gasoline and liquefied petroleum gases (butane and propane) was 148,995,000 gallons[1] as compared with 162,504,000 gallons in 1947. A small amount of this production was from the Indiana part of New Harmony field. The residue gas after extraction is estimated as about 13 billion cu ft, of which approximately half was used as plant fuel or in generating electricity for field use. About 4.1 billion cu ft of residue was injected into the producing strata for pressure maintenance or repressuring, about 2 billion cu ft was returned to leases for pump and heater fuel, and minor amounts were sold and flared.

Estimates of the production and utilization of gas in the oil fields which have no natural gasoline plants can be only rough approximations. Produced gas-oil ratios of typical Aux Vases and McClosky wells metered during the first month of production are 650 to 850 cu ft per bbl. The ratios rise to 1,000 to 3,000 cu ft in wells one to three years old. Produced gas-oil ratios in other pays are generally considerably lower. The ratios are highest in the central and southeastern part of the productive region, lowest on the northern and western flanks of the Illinois Basin, although Matton pool with a present produced ratio of nearly 2,000 cu ft per bbl is located at the northern limit of production and forms a notable exception. About 45 billion cu ft of unmetered gas was produced during 1948 in addition to the 16 billion passing through the gasoline plants.

Estimates of total lease utilization of the unmetered gas for pumps, heater tanks, building heat, and electric power production range from 7 to 15 billion cu ft. The low estimate is based on power plant figures and on a few measurements of actual pump consumption by positive displacement meters; the higher estimates are influenced by the gasoline plant residue returned to leases and there uti-

[1] Preliminary figures, U. S. Bureau of Mines, Mineral Industry Surveys.

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]
Ab Lake	Gallatin	1	1ReA
Aden Consolidated	Hamilton, Wayne	32	32AM
Aden South	Hamilton	1	1AM
Akin West	Franklin	1	1LRM
Albion Consolidated	Edwards	41	3MaBr, 2BrBi, 1BrBiB, 1BrDA, 2BrH, 2BrA, 8BiW, 1BiWTM, 1BiWRe, 1BiWReA, 1BiH, 1BiB, 1WBRe, 1WBReA, 1WReA, 1WReAM, 1WL, 1WM, 1CA, 1CAM, 1BReA, 6BA, 1BM, 1ReAM
Albion East	Edwards	3	1CAM, 1LM, 1RM
Barnhill	Wayne	1	1AM
Belle Prairie	Hamilton	1	1AM
Beman	Lawrence	2	2AR
Benton North	Franklin	3	1PA, 1AL, 1LM
Bible Grove Consolidated	Clay, Effingham	9	8CM, 1CBM
Bible Grove North	Effingham	2	2CM
Blairsville	Hamilton	4	4AM
Boyd	Jefferson	41	39BA, 2BAL
Browns	Edwards, Wabash	11	2CB, 8CM, 1CBM
Browns South	Wabash	1	1BA
Bungay Consolidated	Hamilton	3	3AM
Calhoun Consolidated	Wayne, Richland	15	7LM, 8RM
Calhoun North	Richland	1	1RM
Carmi North	White	1	1CA
Centerville East	White	3	1TL, 1TCM, 1TC
Centralia	Clinton, Marion	25	25CB
Clay City-Noble Consolidated	Clay, Wayne, Jasper, Richland	202	1CA, 1CAM, 1CR, 12CM, 4AL, 3ALR, 1ALRM, 2ALM, 6AR, 14ARM, 78AM, 2LR, 8LRM, 17LM, 52RM
Coil West	Jefferson	3	1AL, 1ALM, 1LM
Concord	White	19	1TM, 1CAM, 17AM
Concord Central	White	1	1CAM
Dale-Hoodville Consolidated	Hamilton	93	4TC, 2TCBA, 1TCA, 4TA, 1CB, 6CBA, 1CA, 65BA, 3BAM, 5PA, 1RM
Divide East	Jefferson	1	1AM
Divide West	Jefferson	2	2RM
Dubois West	Washington	1	1CB
Dundas East	Richland, Jasper	1	1RM
Ellery	Edwards, Wayne	1	1AM
Ewing	Franklin	1	1ALM
Flora	Clay	5	5BM
Friendsville South	Wabash	9	6BiC, 3CP
Goldengate Consolidated	Wayne, White	16	14AM, 2ARM
Grayville West	White	1	1BA
Herald	White, Gallatin	5	1PaPA, 1CA, 1AR, 1AM, 1LM
Inman East	Gallatin	21	2C1T, 1PaW, 1WC, 3TC, 14HC
Inman North	Gallatin	2	2TC
Inman West	Gallatin	8	1PaT, 7TC
Iola Consolidated	Clay, Effingham	52	15CBA, 1CPBA, 25BA, 2BAR, 1BARM, 1BAM, 1BRM, 1ARM, 1AM, 4RM
Iron	White	3	1TH, 1CB, 1CM
Irvington	Washington	6	6CB
Johnsonville Consolidated	Wayne	43	2BM, 33AM, 5ALM, 3LM
Keenville	Wayne	1	1LM
Kenner West	Clay	14	12BC, 1CM, 1BM
King	Jefferson	10	8AL, 1AR, 1AM
Lancaster	Wabash, Lawrence	1	1LM
Lancaster Central	Wabash	1	1LM
Louden	Fayette, Effingham	627	222CP, 187CPB, 10CPBA, 2CPA, 125CB, 10CBA, 2CA, 13PBA, 2CA, 13PBA, 46PB, 2PA, 8BA
Markham City West	Jefferson	12	12AM
Mattoon	Coles	112	5CA, 97CR, 7AR, 2RM, 1CRM
Maud	Wabash	5	1BiC, 1CT, 2TM, 1CB
Maud North Consolidated	Wabash	2	2CL
Maunie North	White	3	1PC, 1PA, 1PR
Maunie South	White	3	1PaD, 1TC, 1CB
Miletus	Marion	1	1BA
Mill Shoals	White, Hamilton, Wayne	9	1AR, 7AM, 1RM
Mt. Carmel	Wabash	49	1PeT, 1PeC, 1BrJ, 1BrC, 1BiW, 16BiC, 2BiB, 2BiCM, 1BiM, 1JC, 3TC, 1TB, 1JaC, 1CB, 11CM, 2CL, 1BM, 1LR, 1LM

TABLE 7 — *(Continued)*

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations[a]
New Harmony-Keensburg Consolidated	White, Wabash, Edwards	330	1PeBA, 2BiC, 1BiCA, 1BiB, 1DA, 1DM, 3WT, 4WTC, 1WTCBA, 2WTCB, 13WC, 13WCB, 11WCBA, 2WCBAL, 3WCA, 1WCAM, 1WCM, 1WB, 1WAM, 3TC, 1TCB, 3TCBA, 1TCP, 3TCA, 1TCAM, 1TCM, 1TP, 1TB, 1TA, 89CB, 74CBA, 18CA, 1CPB, 1CBAL, 1CBL, 2CL, 3CM, 3CAM, 2CBM, 1CP, 5PB, 3PBA, 11BA, 2BAM, 1BRM, 1BM, 12PA, 1AL, 12AR, 6AM, 1APR, 1RM
New Harmony South (Ind.)	White	2	2DPa
New Haven	White	6	3TC, 1TM, 1CA, 1CAM
Olney	Richland	1	1LM
Omaha	Gallatin	3	3PaT
Parkersburg Consolidated	Richland, Edwards	10	1CB, 5CM, 1LM, 3RM
Passport	Clay	2	2RM
Phillipstown Consolidated	White, Edwards	36	1PeD, 1PeT, 3PeB, 2ClT, 1DCl, 4DT, 1DA, 2BiT, 1BiC, 1PaC, 1TB, 2TA, 1PA, 1PM, 8BA, 2BM, 2BAM, 1BRM, 1RM
Roaches	Jefferson	1	1RM
Roaches North	Jefferson	2	1BR, 1BM
Rochester	Wabash	2	2PeW
Roland	White, Gallatin	41	1PeB, 1ClWP, 1WC, 1WCBA, 1WP, 1WPA, 9WB, 1WBA, 9WA, 3CA, 8CB, 1CBA, 1PAM, 1BM, 1ALM, 1RM
Rural Hill	Hamilton	67	1PA, 1CL, 2CAL, 22AL, 12ALM, 1AR, 23AM, 1LM, 4PAL
Sailor Springs Consolidated	Clay	11	6TC, 2CB, 3LM
Salem	Marion.	1024	606BA, 4BM, 1BAMS, 2BAMSt., 1BDe, 1AM, 235MS, 2MSt, 2MDe, 77MStS, 1RM, 2StS, 90DeTr
Sesser	Franklin	3	3ARM
Stanford	Clay	1	1RM
Stokes-Brownsville	White	17	1TP, 1HR, 2CP, 3CB, 3CA, 2PA, 1PLR, 4LR
Storms	White	2	1WA, 1WT
Tonti	Marion	4	3BA, 1BM
Trumbull	White	1	1AR
Walpole	Hamilton	1	1AM
West Frankfort	Franklin	9	1AL, 8LM
Whittington	Franklin	1	1MSt
Whittington West	Franklin	1	1AL
Woodlawn	Jefferson	5	4BA, 1RM
		3131	

[a] Names of sands are indicated as follows:

Pe, Pennsylvanian	Pa, Palestine	G, Glen Dean	B, Bethel	M, McClosky
Ma, Mansfield	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 Ohara	De, Devonian
J, Jordan	T, Tar Springs	P, Paint Creek	R, Rosiclare	Tr, Trenton

lized or lost. As the unused excess of unmetered gas is simply flared, there is no incentive for efficient use as long as there is enough gas available, and it is probable that a much greater amount is used than would be necessary to accomplish the work.

Half of the unmetered gas and more than half of the unutilized gas came from three counties, (Wayne, Clay, and Richland), had a specific gravity above 0.9, and a potential light products yield of 6 to 8 gallons per thousand cu ft. The period of major gas production from any one well in this area is very brief, probably three-fourths of the total gas output of the average well occurring in the first two years. There is very little utilization of the flush gas production, for pump requirements are proportionally

lighter during flush production, and there is less need for heat for breaking emulsions.

Table 8 indicates the Illinois gas marketed during 1948. Nine gas wells were completed and shut in during 1948 in Waverly, DuBois, Herald, and Roland pools, and 1 completed in Storms gas cap is being utilized.

TABLE 8 — *Natural Gas Produced in Illinois and Marketed in 1948*

Field, County	Where Marketed	Amount Marketed Million cuft.
Ayers (gas), *Bond*	Greenville, Ill.	9
Louden (gas wells), *Fayette*	Vandalia, St. Elmo, Brownstown, Ill.	136
Louden (plant residue), *Fayette*	Vandalia, St. Elmo, Brownstown, Ill.	14
Russelville (gas), *Lawrence*	Indiana	49
Storms (gas cap), *White*	Carmi, Ill.	110

SECONDARY RECOVERY

Eight new water-flooding operations were started in Illinois oil fields in 1948, two in White and one each in Clay, Crawford, Franklin, Jasper, Marion, and Wabash Counties. Two of these operations, Bellair in Crawford and Jasper Counties and Benton in Franklin County should materially add to the state's recoverable reserves. Water-flood operations in the existing flood areas continued to expand, particularly in the Siggins and Patoka fields.

Progress was made during 1948 on engineering plans for a unitized water-flood in the Salem field, Marion County, by a committee representing several of the operating companies.

It is estimated that more than 11,000,000 bbl of oil have been recovered by water-flooding to the end of 1948. It is not possible to estimate the additional oil recovered in the many areas of air and gas repressuring.

OUTLOOK FOR 1949

If the general economic situation continues favorable, oil and gas drilling in Illinois in 1949, both exploratory and for pool development, will probably continue at nearly the same rate as in 1948. A new impetus to exploratory drilling in the northern part of the Illinois basin has been given by the discoveries in 1948 of Devonian limestone oil production in the Assumption and Assumption North pools, Christian County, Illinois, and the Wilfred and Springhill pools a short distance from the state line in west central Indiana.

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Footnotes to Column Headings
Table 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

x. Correct entry not determinable.