Press Bulletin Series

For the Oil and Gas Industry

STATE OF ILLINOIS
DWIGHT H. GREEN, *Governor*
DEPARTMENT OF REGISTRATION AND EDUCATION
FRANK G. THOMPSON, *Director*

DIVISION OF THE
STATE GEOLOGICAL SURVEY
M. M. LEIGHTON, *Chief*
URBANA

No. 41 ILLINOIS PETROLEUM September 12, 1942

OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941*

By

Alfred H. Bell and George V. Cohee

In 1941 Illinois produced 134,139,000 bbl. of oil, or 9.5 per cent of the total for the United States, and ranked fourth among the states. The production for 1941 declined 9.2 per cent from the previous year's total of 147,647,000 bbl. Daily average production for 1941 was 366,000 bbl. At the beginning of the year daily production was slightly more than 326,000 bbl. and it remained at approximately that amount until June, when there was a slight increase. The increase continued until the peak of 431,260 bbl. daily was reached for the week ending Oct. 4. Daily average production at the end of the year was approximately 387,500 barrels.

The increased production during the last half of 1941 was largely due to the rapid development of the Johnsonville field, Wayne County, the Rural Hill field, Hamilton County, and the Benton field, Franklin County—new fields discovered in the current year (Fig. 1)—and the Woodlawn pool, discovered in 1940.

Discoveries

In 19 counties in southern Illinois, 44 new fields were discovered in 1941 (Fig. 2 and Table 2), and extensions to 40 fields were successfully completed (Table 3). At the end of the year there were 10,496 wells in the fields discovered since Jan. 1, 1937, as compared with 7,965 wells at the end of 1940. The area proved for production in the new fields increased from 78,040 acres at the beginning of 1941 to 97,483 acres at the end of the year (Table 1)—an increase of 19,433 acres, of which 9,955 acres are in the fields discovered during the current year, and the remainder of 9,478 acres in extensions to pools discovered earlier.

Drilling

During the past year, 3838 wells were completed in Illinois (Table 4), of which 2912 were oil producers, 13 were gas producers and 913 were dry holes; 76 per cent of the wells drilled were producers. Of the total number drilled, 591 wells are classified as "wildcat" and of these 84 (1 in 7) were successful in obtaining production.

The results of an investigation to ascertain the reason for the locations of the wildcat wells are set forth in Table 5. Of the 591 wildcat wells, the 292 known to have been located by scientific methods were 21.6 per cent successful. A detailed list of wildcat wells drilled in Illinois during 1941 is given in Table 11.

The total footage of wildcat wells drilled in 1941 was 1,341,743 ft., of which a total of 216,995 ft. was drilled in successful wells.

Exploration Methods

Subsurface geology and geophysics, largely the reflection seismograph, are still the principal methods used in exploration and development in the state. The number of seismograph parties operating throughout the year was as follows: seven parties on Jan. 1, 1941; five on Apr. 1; four on July 1; eight on Oct. 1; fifteen on Jan. 1, 1942.

*Reprinted from Trans. Am. Inst. Min. Met. Eng., vol. 146, pp. 271-299, 1942, with certain additions.

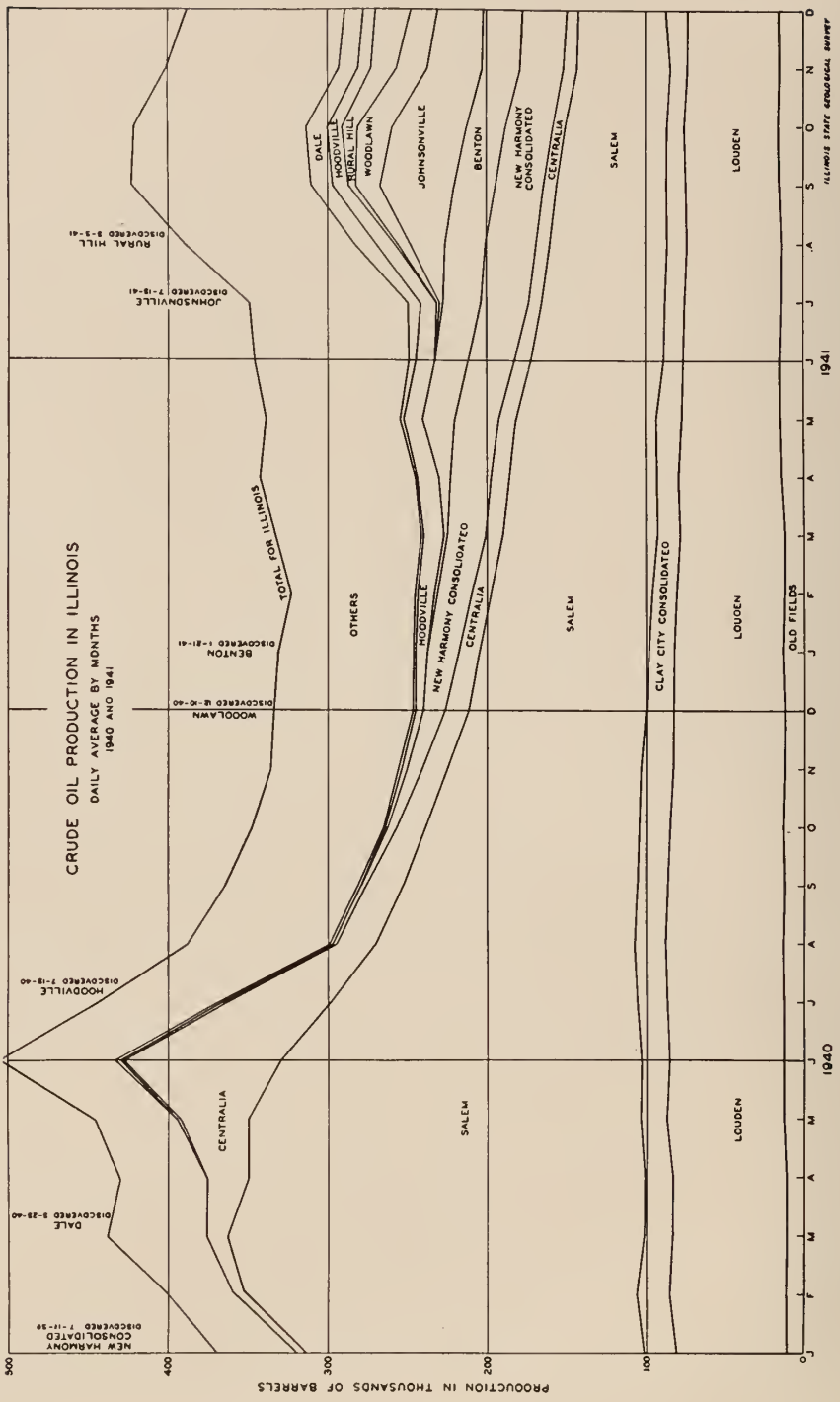
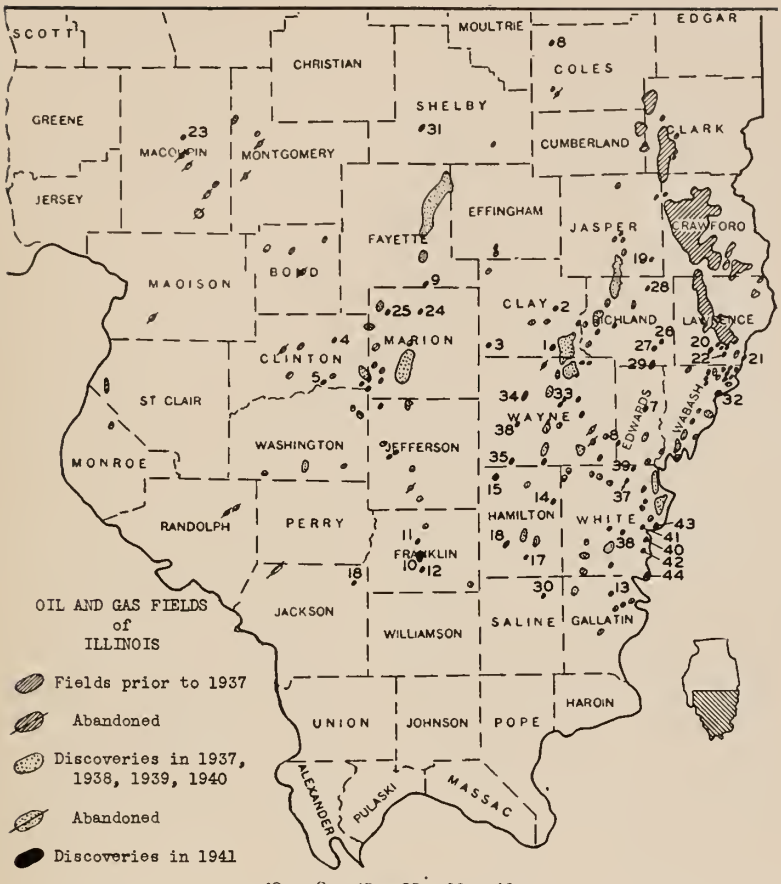


FIG. 1.



JANUARY 1, 1942

NEW FIELDS IN 1941

1 Clay City West; Clay
2 Sailor Springs; Clay
3 Xenia; Clay
4 Boulder gas; Clinton
5 Posey; Clinton
6 Cooks Mills; Coles
7 Bone Gap; Edwards
8 Ellery; Edwards, Wayne
9 St. Paul; Fayette
10 Benton; Franklin
11 Benton North; Franklin
12 West Frankfort; Franklin
13 Inman North; Gallatin
14 Bungay; Hamilton
15 Dahlgren; Hamilton
16 Rural Hill; Hamilton
17 Walpole; Hamilton
18 Elkville; Jackson
19 Ste. Marie; Jasper
20 Ruark; Lawrence
21 St. Francisville East; Lawrence
22 South Lawrence; Lawrence
23 Carlinville North; Macoupin
24 Alma; Marion
25 Patoka East; Marion
26 Bonpas; Richland
27 Bonpas West; Richland
28 Stringtown; Richland
29 Parkersburg; Richland, Edwards
30 Eldorado; Saline
31 Lakewood; Shelby
32 Patton; Wabash
33 Geff; Wayne
34 Johnsonville; Wayne
35 Mayberry; Wayne
36 Sims; Wayne
37 Centerville East; White
38 Epworth; White
39 Grayville West; White
40 Maunie; White
41 Maunie North; White
42 Maunie South; White
43 New Harmony South; White
44 New Haven; White

ILLINOIS STATE GEOLOGICAL SURVEY

FIG. 2.

Explanation of Table 1

The field is the unit in table 1. Each space may represent one of four possibilities; either it is not applicable to the particular field, or the proper entry is not determinable, or the proper entry may be determinable but is not determinable from data available to the author, or the proper entry is determinable. Spaces that are not applicable are left blank; in spaces where the proper entries are determinable from data available to the author, *y* is inserted; *y* implies a hope that in some future year a definite figure will be available; *x* indicates that data are not known.

The entry of a 0 is a positive declaration.

The quantity of gas includes gas sold or otherwise marketed. Gas blown into the air, burned as flares or otherwise wasted is not included.

Under the columns on "Depth," the average depth to the top of the productive zone and to the bottom of the productive well, when subtracted, does not necessarily give the approximate thickness of the productive zone.

In classifying wells as to producing methods, all wells that are not "flowing" are entered in the column headed "Artificial Lift."

Footnotes to Column Headings—Table 1

[a] The old Southeastern fields are listed in geographic order from north to south; all others are listed alphabetically by counties.

[b] Areas where both oil and gas are produced, unless gas is marketed outside the field, are included in the column headed "Oil."

[c] Wells producing both oil and gas are classified as "Producing Oil." Gas wells are those producing gas, but include those producing wet gas, from which casinghead gasoline may be produced.

[d] Letters indicate type of operation: PM, pressure maintenance from early life of field; RP, field repressuring in its later life.

[e] Cam, Cambrian; Ord, Ordovician; Sil, Silurian; Dev, Devonian; Mis, Mississippian; MisL, Lower Mississippian; MisU, Upper Mississippian; Pen, Pennsylvanian.

[f] S, sandstone; L, limestone; LS, Limestone, sandy.

[g] "Por" indicates that the reservoir rock is of pore type; "Cav," cavernous type.

[h] A, anticline; AM, accumulation due to both anticlinal and monoclinal structure; ML, monocline-lens; D, dome; T, terrace; N, nose.

TABLE 1.—OIL AND GAS PRODUCTION IN ILLINOIS

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
1	Warrenton-Borton, *Edgar*	1906	100	0	30,200	200	0	0	22	0	0	2	12	0
2	Westfield, *Clark, Coles*...	1904	9,000	75	*x*	*x*	*x*	0	1,628	4	19	14	293	0
3			850	75	*x*	*x*	*x*	0	186	3	0	*y*	*y*	0
4			9,000	0	*x*	*x*	*x*	0	1,449	1	19	*y*	*y*	0
5			220	0	*x*	*x*	*x*	0	13	0	0	*y*	*y*	0
6	Siggins, *Cumberland, Clark*	1906	3,580	105	*x*	*x*	*x*	0	996	1	10	0	803	0
7			3,135	55	*x*	*x*	*x*	0	854	0	0	0	*y*	0
8			435	15	*x*	*x*	*x*	0	90	0	0	0	*y*	0
9			855	105	*x*	*x*	*x*	0	193	1	10	0	*y*	0
10	York, *Cumberland*.....	*y*	310	40	*x*	*x*	*x*	0	70	0	0	0	44	0
11	Casey, *Clark*.....	1906	1,925	55	*x*	*x*	*x*	0	535	2	4	0	488	0
12			190	15	*x*	*x*	*x*	0	41	0	0	0	*y*	0
13			400	0	*x*	*x*	*x*	0	82	0	0	0	*y*	0
14			1,525	15	*x*	*x*	*x*	0	322	2	4	0	*y*	0
15	Martinsville, *Clark*... ..	1922	710	155	*x*	*x*	*x*	0	217	2	0	0	114	0
16			15	20	*x*	*x*	*x*	0	7	0	0	0	*y*	0
17			275	35	*x*	*x*	*x*	0	63	0	0	0	*y*	0
18			710	0	*x*	*x*	*x*	0	23	1	0	0	*y*	0
19			600	0	*x*	*x*	*x*	0	34	0	0	0	*y*	0
20			640	0	*x*	*x*	*x*	0	40	1	0	0	*y*	0
21			10	0	*x*	*x*	*x*	0	2	0	0	0	*y*	0
22	North Johnson, *Clark*...	1907	1,320	20	*x*	*x*	*x*	0	485	0	0	0	433	0
23			1,115	0	*x*	*x*	*x*	0	296	0	0	0	*y*	0
24			160	0	*x*	*x*	*x*	0	32	0	0	0	*y*	0
25			820	5	*x*	*x*	*x*	0	177	0	0	0	*y*	0
26			215	0	*x*	*x*	*x*	0	44	0	0	0	*y*	0
27	South Johnson, *Clark*....	1907	1,715	65	*x*	*x*	*x*	*x*	535	0	10	0	469	0
28			185	5	*x*	*x*	*x*	*x*	38	0	*y*	0	*y*	0
29			295	0	*x*	*x*	*x*	*x*	59	0	*y*	0	*y*	0
30			1,675	35	*x*	*x*	*x*	*x*	402	0	*y*	0	*y*	0
31			845	5	*x*	*x*	*x*	*x*	170	0	*y*	0	*y*	0
32	Bellair, *Crawford, Jasper*.	1907	1,300	5	*x*	*x*	*x*	*x*	486	0	0	20	375	0
33			1,165	0	*x*	*x*	*x*	*x*	310	0	0	*y*	*y*	0
34			315	0	*x*	*x*	*x*	*x*	65	0	0	*y*	*y*	0
35			910	0	*x*	*x*	*x*	*x*	182	0	0	*y*	*y*	0
36	Clark County Division[1].		19,960	520	53,117,000	394,000	*x*	*x*	4,952	9	43	36	3,019	0
37	Main,[2] *Crawford*.....	1906	35,135	515	*x*	*x*	*x*	*x*	7,324	1	91	133	4,799	*y*
38			340	0	*x*	*x*	*x*	*x*	68	0	0	*y*	*y*	0
39			33,795	510	*x*	*x*	*x*	*x*	7,143	1	91	*y*	*y*	*y*
40			1,000	0	*x*	*x*	*x*	*x*	108	0	0	*y*	*y*	*y*
41			10	0	*x*	*x*	*x*	*x*	1	0	0	0	1	0
42	New Hebron, *Crawford*..	1909	1,350	210	*x*	*x*	*x*	*x*	297	0	0	0	146	0
43	Chapman, *Crawford*.....	1914	1,045	515	*x*	*x*	*x*	*x*	193	0	1	0	60	0
44	Parker, *Crawford*.....	1907	1,310	30	*x*	*x*	*x*	*x*	256	0	0	0	219	0
45	Allison-Weger, *Crawford*	*y*	1,075	20	*x*	*x*	*x*	*x*	147	0	0	0	65	0
46	Flat Rock,[3] *Crawford*....	*y*	1,375	545	*x*	*x*	*x*	*x*	289	0	1	0	136	0
47	Birds, *Crawford, Lawrence*	*y*	4,370	115	*x*	*x*	*x*	*x*	684	0	28	2	424	0
48	Crawford County Division[6]		45,665	1,945	147,306,000	1,398,000	*x*	*x*	9,190	1	121	135	5,849	0
49	Lawrence, *Lawrence, Crawford*	1906	24,150	1,550	*x*	*x*	*x*	*x*	4,413	8	60	13	3,205	0
50			50	0	*x*	*x*	*x*	*x*	5	3	0	0	5	0
51			5,015	35	*x*	*x*	*x*	*x*	1,233	0	*y*	*y*	*y*	0

[b] Footnotes to column heads and explanation of symbols are given on page 5.
[1] Total of lines 2, 6, 10, 11, 15, 22, 27, 32.
[2] Includes Kibbie, Oblong, Robinson, and Hardinsville.
[3] Includes Swearingen gas.
[6] Total of lines 37, 42, 43, 44, 45, 46, 47.

TABLE 1.—(*Continued*)

Line Number	Oil-production Methods, End of 1941: Number of Wells: Flowing	Oil-production Methods, End of 1941: Number of Wells: Artificial Lift	Reservoir Pressure,[4] Lb. per Sq. In.: Initial	Reservoir Pressure,[4] Lb. per Sq. In.: Avg. at End of 1941	Repressuring Operation[d]	Character of Oil: Gravity, A.P.I. at 60°F.,[5] Weighted Average	Character of Oil: Sulphur, Per Cent	Producing Formation: Name	Age[e]	Character[f]	Porosity[g]	Depth Avg. Ft.: Top Prod. Zone	Depth Avg. Ft.: Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Deepest Zone Tested to End of 1941: Name	Deepest Zone Tested to End of 1941: Depth of Hole, Ft.
1	0	12	x	x		x	x	Unnamed	Pen	S	Por	159	215	x	ML	Pen	715
2	0	293	293±	x		34.0	x	See below							D	St. Peter	3,009
3	0	y	x	x		30.0	x	Shallow gas	Pen	S	Por	281	376	36	D		
4	0	y	x	x		33.5	x	Westfield	MisL	L	Cav	334	446	x	D		
5	0	y	x	x		38.2	0.18	"Trenton"	Ord	L	Por	2,265	2,568	x	D		
6	0	803	x	x	RP	33.0	x	See below							D	Dev	2,010
7	0	y	x	x		34.0	x	First Siggins	Pen	S	Por	367	465	x	D		
8	0	y	x	x		(33.6)		Second and third Siggins	Pen	S	Por	478	562	x	D		
9	0	y	x	x		(25.7)	x	Lower Siggins	Pen	S	Por	556	590	x	D		
10	0	44	x	x		(30.3)	x	York	Pen	S	Por	588	680	x	AM	Pen	960
11	0	488	x	x	RP	29.2	x	See below							AM	MisL	808
12	0	y	x	x		(31.9)	x	Upper gas	Pen	S	Por	263	358	x	AM		
13	0	y	x	x		(30.1)	x	Lower gas	Pen	S	Por	309	426	x	AM		
14	0	y	x	x		(33.6)	x	Casey	Pen	S	Por	444	505	x	AM		
15	0	114	x	x		36.8	x	See below							D	St. Peter	3,411
16	0	y	x	x		y	x	Shallow	Pen	S	Por	255	411	x	D		
17	0	y	x	x		y	x	Casey	Pen	S	Por	499	511	x	D		
18	0	y	x	x		y	x	Martinsville	MisL	L	Por	477	506	x	D		
19	0	y	x	x		(38.9)	x	Carper	MisL	S	Por	1,340	1,418	x	D		
20	0	y	x	x		y	x	"Niagaran"	Dev	L	Por	1,553	1,596	x	D		
21	0	y	x	x		(39.6)	x	"Trenton"	Ord	L	Por	2,708	2,830	x	D		
22	0	433	x	x		31.0	x	See below							AM	Mis	965
23	0	y	x	x		y	x	Claypool	Pen	S	Por	416	486	x	AM		
24	0	y	x	x		y	x	Shallow	Pen	S	Por	314	451	x	AM		
25	0	y	x	x		y	x	Casey	Pen	S	Por	465	508	x	AM		
26	0	y	x	x		y	x	Upper Partlow	Pen	S	Por	534	554	x	AM		
27	0	469	x	x		32.2	x	See below							AM	Dev	2,030
28	0	y	x	x		y	x	Claypool	Pen	S	Por	392	549	x	AM		
29	0	y	x	x		y	x	Casey	Pen	S	Por	453	518	x	AM		
30	0	y	x	x		y	x	Upper Partlow	Pen	S	Por	489	570	x	AM		
31	0	y	x	x		28.5	x	Lower Partlow	Pen	S	Plr	598	618	x	AM		
32	0	375	x	x	RP	33.7	x	See below							AM	MisL	1,471
33	0	y	x	x		(32.4)	x	"500 Ft."	Pen	S	Por	561	725	x	AM		
34	0	y	x	x		y	x	"800 Ft."	Pen	S	Por	817	907	x	AM		
35	0	y	x	x		(37.0)	x	"900 Ft."	MisU	S	Por	886	920	x	AM		
36	0	3,019	x	x		33.0											
37	0	4,799	425±	y	RP	33.0	x	See below								St. Peter	4,654
38	0	y	x	x		y	x	Shallow	Pen	S	Por	508	822	x	ML		
39	0	y	x	x		32.8	x	Robinson	Pen	S	Por	900	960	25±	ML		
40	0	y	x	x		y	x	Oblong	Mis	S, L	Por	1,337	1,416	x	A,ML		
41	0	1	x	x		y	x	Devonian	Dev	L	Por	2,794	2,805	11	ML		
42	0	146	x	x	RP	30.1	x	Robinson	Pen	S	Por	940	975	x	ML	Mis	2,056
43	0	60	x	x		y	x	Robinson	Pen	S	Por	995	1,015	x	ML	Mis	2,279
44	0	219	x	x		29.5	x	Robinson	Pen	S	Por	1,000	1,025	x	ML	Pen	1,127
45	0	65	x	x		22.5	x	Robinson	Pen	S	Por	912	930	x	ML	Pen	1,041
46	0	136	x	x	RP	31.8		Robinson (Flat Rock)	Pen	S	Por	935	945	x	ML	Dev	3,110
47	0	424	x	x	RP	31.8	x	Robinson	Pen	S	Por	930	950	x	ML	MisL	1,731
48	0	5,849	425±	x		32.3	x									St. Peter	4,654
49	0	3,205	650±	x	RP	32.9	x	See below							A	St. Peter	5,190
50	0	5	x	x		y	x	Pennsylvanian	Pen	S	Por	290	320	x	A		
51	0	y	x	x		y	x	Bridgeport	Pen	S	Por	800	1,000	40	A		

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

[5] All gravities given prior to 1936 (except those in parentheses) were from data for the year 1925 furnished by the Illinois Pipe Line Co. Gravities in parentheses are for particular samples (see Illinois State Geol. Survey *Bull.* 54, Table 3). The values have been converted from Baumé to A.P.I. gravities.

TABLE 1.—(*Continued*)

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
52			2,240	0	*x*	*x*	*x*	*x*	476	1	*y*	*y*	*y*	0
53			345	1,095	*x*	*x*	*x*	*x*	243	0	*y*	*y*	*y*	0
54			15,960	220	*x*	*x*	*x*	*x*	3,017	0	*y*	*y*	*y*	0
55			4,020	200	*x*	*x*	*x*	*x*	691	3	*y*	*y*	*y*	0
56			6,950	0	*x*	*x*	*x*	*x*	959	1	*y*	*y*	*y*	0
57	St. Francisville, *Lawrence*		420	0	*x*	*x*	*x*	*x*	55	0	1	0	30	0
58	Lawrence County Division[7]		24,570	1,550	227,790,000	1,826,000	*x*	*x*	4,468	8	61	13	3,235	0
59	Allendale, *Wabash*	1912	1,680	0	5,106,000	257,000	*x*	*x*	473	46	1	0	252	0
60			*y*	0	*x*	*x*	*x*	*x*	430	3	1	0	209	0
61			*y*	0	*x*	*x*	*x*	*x*	3	3	0	0	3	0
62			*y*	0	*x*	*x*	*x*	*x*	3	3	0	0	3	0
63			*y*	0	*x*	*x*	*x*	*x*	6	6	0	0	6	0
64			*y*	0	*x*	*x*	*x*	*x*	24	24	0	0	24	0
65			*y*	0	*x*	*x*	*x*	*x*	7	7	0	0	7	0
66	Total Southeastern Fields[8]		91,855	3,970	433,349,200	3,875,200	*x*	*x*	19,105	61	226	186	12,367	0
67	Ayers gas, *Bond*	1922	0	325	0	0	207.8	13.4	19	0	0	0	0	7
68	Greenville gas, *Bond*	1910[9]	0	160	0	0	990.0	0	4	0	0	0	0	0
69	Bartelso, *Clinton*	1936	580	0	1,017,000	278,000	0	0	72	8	2	0	70	0
70			320	0	677,000	149,000	0	0	47	7	2	0	45	0
71			230	0	340,000	129,000	0	0	25	1	0	0	25	0
72	Carlyle, *Clinton*	1911	915	0	3,428,000	26,000	0	0	165	0	0	40	103	0
73	Frogtown, *Clinton*	1918[10]	300	0	*x*	0	0	0	12	0	0	0	0	0
74	Ava-Campbell Hill, *Jackson*	1917[11]	70	370	*x*	0	*x*	0	35	0	0	0	0	0
75	Colmar-Plymouth, *McDonough, Hancock*	1914	2,450	0	2,787,000	114,000	0	0	485	3	0	71	218	0
76	Carlinville, *Macoupin*	1909[12]	30	50	*x*	0	*x*	0	8	0	0	0	0	0
77	Gillespie-Benld gas, *Macoupin*	1923[13]	0	80	0	0	135.8	0	4	0	0	0	0	0
78	Gillespie-Wyen, *Macoupin*	1915	40	0	*x*	0	0	0	22	0	0	12	0	0
79	Spanish Needle Creek gas, *Macoupin*	1915[14]	0	80	0	0	14.4	0	7	0	0	0	0	0
80	Staunton gas, *Macoupin*	1916[15]	0	400	0	0	1,050.0	0	18	0	0	0	0	0
81	Collinsville, *Madison*	1909[16]	40	0	850	0	0	0	6	0	0	0	0	0
82	Brown-Langewisch Kuester-Junction City, *Marion*	1910	175	0	*x*	*x*	0	0	10	0	0	0	9	0
83			60	0	*x*	*x*	0	0	6	0	0	0	5	0
84			115	0	*x*	*x*	0	0	4	0	0	0	4	0
85	Sandoval, *Marion*	1909	770	0	4,631,000	450,000	0	0	150	1	22	0	28	0
86			770	0	2,690,000	10,000	0	0	123	0	13	0	10	0
87			380	0	1,941,000	440,000	0	0	27	1	9	0	18	0
88	Wamac, *Marion, Clinton Washington*	1921	250	0	439,000	17,000	0	0	104	0	6	0	30	0
89	Litchfield, *Montgomery*	1879[17]	100	0	22,000	0	0	0	18	0	0	0	0	0
90	Waterloo, *Monroe*	1920[18]	230	0	214,000	17,000	0	0	41	3	0	0	15	0
91	Jacksonville gas, *Morgan*	1910[19]	30	1,290	2,100	0	*x*	0	53	0	0	0	0	0
92	Pittsfield (Pike County) gas, *Pike*	1886[20]	0	8,960	0	0	*x*	0	68	0	0	0	0	0
93	Sparta, *Randolph*	1888[21]	65	100	*x*	0	*x*	0	20	0	0	0	0	0
94	Dupo, *St. Clair*	1928	670	0	1,579,000	304,000	0	0	290	27	0	0	91	0
95	Total for fields discovered prior to Jan. 1, 1937		98,600	15,830	447,533,000	5,145,000	2,388.0	13.4	20,716	106	256	309	12,931	7

[7] Total of lines 49 and 57.
[8] Total of lines 1, 36, 48, 58, 59.
[9] Abandoned 1923.
[10] Abandoned 1933.
[11] Abandoned 1934.
[12] Abandoned 1925.
[13] Abandoned 1935.
[14] Abandoned 1934.
[15] Abandoned 1919.
[16] Abandoned 1921.
[17] Abandoned 1904.
[18] Abandoned 1930, revived 1939.
[19] Abandoned 1937.
[20] Gas not used until 1905; abandoned 1930.
[21] Abandoned 1900.

TABLE 1.—(*Continued*)

Line Number	Oil-production Methods, End of 1941		Reservoir Pressure,[4] Lb. per Sq. In.		Repressuring Operation[d]	Character of Oil		Producing Formation								Deepest Zone Tested to End of 1941	
	Number of Wells											Depth Avg. Ft.					
	Flowing	Artificial Lift	Initial	Avg. at End of 1941		Gravity, A.P.I. at 60°F.,[5] Weighted Average	Sulphur, Per Cent	Name	Age[e]	Character[f]	Porosity[g]	Top Prod. Zone	Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Name	Depth of Hole, Ft.
52	0	y	x	x		y	x	Buchanan	Pen	S	Por	1,250	1,265	15	A		
53	0	y	x	x		y	x	"Gas"	MisU	S	Por	1,330	1,345	15	A		
54	0	y	600±	x		y	x	Kirkwood	MisU	S	Por	1,400	1,430	30	A		
55	0	y	650±	x		y	x	Tracey	MisU	S	Por	1,560	1,580	20	A		
56	0	y	x	x		y	x	McClosky	MisL	L	Por	1,700	1,710	10	A		
57	0	30	600	x		37.3	x	Bethel	MisU	S	Por	1,843	1,865	22	ML	Mis	1,900
58	0	3,235	x	x												St. Peter	5,190
59	0	252			RP										AM	MisL	2,367
60	0	209	x	x		35.1	x	Biehl	Pen	S	Por	1,425	1,460	20			
61	0	3	x	x		y	x	Waltersburg	MisU	S	Por	1,540	1,560	15			
62	0	3	x	x		y	x	Tar Springs	MisU	S	Por	1,620	1,640	20			
63	0	6	x	x		y	x	Cypress	MisU	S	Por	1,920	1,930	10			
64	0	24	x	x		y	x	Bethel	MisU	S	Por	2,010	2,020	9			
65	0	7	900	x		y	x	McClosky	MisL	L	Por	2,280	2,290	8			
66	0	12,367															
67			335	y				Lindley (2d)	MisU	S	Por	940	945	5	A	Dev	2,181
68			x					Lindley (1st,.2d)	MisU	S	Por	927	993	x	A	Dev	2,290
69	0	70													D	St. Peter	4,213
70	0	45	x	x		36.2	0.20	Carlyle	MisU	S	Por	984	1,008	24	D		
71	0	25	x	x		41.5	0.27	Devonian	Dev	L	Por	2,429	2,447	9	D		
72	0	103	x	x		35.2	0.26	Carlyle	MisU	S	Por	1,035	1,055	20	A	St. Peter	4,120
73	0	0	x			31.9	x	Carlyle	MisU	S	Por	950	957	7	D	Cypress	962
74	0	0	x			x	x	Cypress	MisU	S	Por	780	798	18	A	Dev	2,530
75	0	218	x	x	RP	37.6	0.38	Hoing	Dev	S	Por	447	468	21	A	"Trenton"	805
76	0	0	135			27.7	x	Unnamed	Pen	S	Por	380	398	x	A	Pen	410
77	0	0	155					Unnamed	Pen	S	Por	542	555	x	A	Pen	575
78	0	0	x	x		30.0	x	Unnamed	Pen	S	Por	650	670	x	T	"Trenton"	2,560
79	0	0	x					Unnamed	Pen	S	Por	305	405	x	D	Pen	495
80	0	0	145					Unnamed	Pen	S	Por	461	491	x	A	"Trenton"	2,371
81	0	0	x			x	x	Devonian-Silurian	Dev-Sil	L	Por	1,305	1,400	20	ML	Sil	1,500
82	0	9															
83	0	5	x	x		32.0	x	Dykstra, Wilson	Pen	S	Por	610	630	20	D	MisL	2,001
84	0	4	x	x		32.0	x	Cypress	MisU	S	Por	1,658	1,673	15	D	Dev	3,344
85	0	28													D	St. Peter	5,023
86	0	10	x	x		34.5	x	Benoist	MisU	S	Por	1,540	1,560	20±	D		
87	0	18	x	x		38.0	0.38	Devonian	Dev	L	Por	2,924	2,969	9	D		
88	0	30	x	x		30.2	x	Petro	Pen	S	Por	720	760	20	D	MisL	1,760
89	0	0	x			23.0	0.42	Unnamed	Pen	S	Por	664	674	x	D	Pen	681
90	0	15	x	x		30.2	0.79	"Trenton"	Ord	L	Por	410	460	50	A	"Trenton"	845
91	0	0	x			x	x	Gas	Pen, MisL	S, SL	Por	330	335	5	ML	"Trenton"	1,390
92	0	0	x					"Niagaran"	Sil	L	Por	265	275	10	A	St. Peter	893
93	0	0	x			x	x	Cypress	MisU	S	Por	850	857	7	D	MisU	985
94	0	91	x	x		32.7	0.70	"Trenton"	Ord	L	Por	561	601	50	A	"Trenton"	819
95	0	12,931															

TABLE 1.—(*Continued*)

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
96	Sorento, *Bond*	1938	30	0	4,000	0	0	0	3	0	0	1	0	0
97	Woburn, *Bond*	1940	200	0	257,000	164,000	0	0	27	3	0	0	27	0
98	Clay City West, *Clay*	1941	40	0	*x*	*x*	0	0	2	2	0	0	2	0
99	Flora, *Clay*	1938	250	0	386,000	78,000	0	0	21	2	2	0	18	0
100			10	0	*x*	*x*	0	0	1	1	0	0	1	0
101			*y*	0	*x*	*x*	0	0	3	1	0	0	3	0
102			10	0	*x*	*x*	0	0	1	0	0	0	1	0
103			*y*	0	*x*	*x*	0	0	16	0	2	0	13	0
104	Iola, *Clay*	1939[23]	70	0	11,000	3,000	0	0	5	3	0	0	3	0
105	Xenia, *Clay*	1941	10	0	1,500	1,500	0	0	1	1	0	0	1	0
106	Sailor Springs, *Clay*	1941	230	0	165,000	165,000	0	0	25	25	0	0	25	0
107			*x*	0	*x*	*x*	0	0	20	20	0	0	20	0
108			*x*	0	*x*	*x*	0	0	4	4	0	0	4	0
109			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
110	Clay City Consolidated, *Clay, Wayne*	1937	12,950	0	24,891,000	4,864,000	0	0	700	118	11	4	676	0
111			*x*	0	*x*	*x*	0	0	23	20	0	0	23	0
112			*x*	0	*x*	*x*	0	0	1	0	0	0	1	0
113			*x*	0	*x*	*x*	0	0	9	7	0	0	9	0
114			*x*	0	*x*	*x*	0	0	3	3	0	0	3	0
115			*x*	0	*x*	*x*	0	0	656	83	11	4	632	0
116									8	5	0	0	8	0
117	Boulder gas, *Clinton*	1941	0	10	0	0	0	0	1	1	0	1	0	0
118	Hoffman, *Clinton*	1939	300	0	266,000	150,000	0	0	44	3	0	0	44	0
119			*x*	0	*x*	*x*	0	0	10	2	0	0	10	0
120			*x*	0	*x*	*x*	0	0	34	1	0	0	34	0
121	Posey, *Clinton*	1941	20	0	2,000	2,000	0	0	2	2	0	0	2	0
122	West Centralia, *Clinton*	1940	70	0	*x*	*x*	0	0	6	5	0	0	6	0
123	Centralia, *Clinton*	1937	2,850	0	20,098,000	3,578,000	0	0	906	8	82	4	797	0
124			*x*	0	*x*	*x*	0	0	23	1	0	0	23	0
125			*x*	0	*x*	*x*	0	0	562	5	9	2	529	0
126			*x*	0	10,730,000	1,630,000	0	0	319	2	73	1	244	0
127			*x*	0	20,000	7,000	0	0	2	0	0	1	1	0
128	Cooks Mills, *Coles*	1941	10	0	1,000	1,000	0	0	1	1	0	0	1	0
129	Mattoon, *Coles*	1939[24]	20	0	17,000	8,000	0	0	2	0	0	0	1	0
130			10	0	*x*	*x*	0	0	1	0	0	0	0	0
131			10	0	17,000	8,000	0	0	1	0	0	0	1	0
132	Albion, *Edwards*	1940	820	0	1,841,000	886,000	0	0	79	20	1	0	78	0
133			*x*	0	*x*	*x*	0	0	3	0	0	0	3	0
134			*x*	0	*x*	*x*	0	0	10	0	0	0	10	0
135			*x*	0	*x*	*x*	0	0						
136			*x*	0	*x*	*x*	0	0						
137			*x*	0	*x*	*x*	0	0	61	15	1	0	60	0
138									5	5	0	0	5	0
139	Bone Gap, *Edwards*	1941	20	0	66,000	66,000	0	0	4	4	0	0	4	0
140	Cowling, *Edwards*	1939	100	0	245,000	169,000	0	0	13	0	1	0	11	0
141	Ellery, *Edwards, Wayne*	1941	20	0	13,000	13,000	0	0	2	2	0	0	2	0
142	Grayville, *Edwards, White*	1939	80	0	124,000	29,000	0	0	8	0	1	0	4	0
143	Mason, *Effingham*	1940	120	0	154,000	145,000	0	0	16	15	0	0	16	0
144			80	0	*x*	*x*	0	0	8	8	0	0	8	0
145			80	0	*x*	*x*	0	0	8	7	0	0	8	0
146	Louden, *Fayette, Effingham*	1937	19,750	0	69,719,000	22,918,000	0	0	1,934	181	9	2	1,912	0
147			19,750	0	*x*	*x*	0	0	939	84	0	1	927	0
148			11,000	0	*x*	*x*	0	0	323	11	1	1	321	0
149			7,000	0	*x*	*x*	0	0	425	4	7	0	418	0
150			2,400	0	1,030,000	1,030,000	0	0	59	59	0	0	59	0
151									188	23	1	0	187	0

[23] Abandoned 1940; revived 1941.

[24] Abandoned 1939; revived 1940.

TABLE 1.—(*Continued*)

Line Number	Oil-production Methods, End of 1941: Number of Wells: Flowing	Oil-production Methods, End of 1941: Number of Wells: Artificial Lift	Reservoir Pressure,[4] Lb. per Sq. In.: Initial	Reservoir Pressure,[4] Lb. per Sq. In.: Avg. at End of 1941	Repressuring Operation[d]	Character of Oil: Gravity, A.P.I. at 60°F.,[5] Weighted Average	Character of Oil: Sulphur, Per Cent	Producing Formation: Name	Age[e]	Character[f]	Porosity[g]	Depth Avg. Ft.: Top Prod. Zone	Depth Avg. Ft.: Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Deepest Zone Tested to End of 1941: Name	Deepest Zone Tested to End of 1941: Depth of Hole, Ft.
96	0	0	x	x		x	x	Devonian	Dev	L	Por	1,830	1,893	5	D	Dev	1,893
97	0	27	x	x		36.4	0.20	Bethel	MisU	S	Por	1,008	1,024	11	A	Dev	2,454
98	0	2	x	x		y	y	McClosky	MisL	L	Por	3,050	3,080	15	A	MisL	3,080
99	0	18													D	MisL	3,100
100	0	1	x	x		x	x	Tar Springs	MisU	S	Por	2,320	2,332	12			
101	0	3	x	x		x	x	Cypress	MisU	S	Por	3,595	2,614	5			
102	0	1	x	x		37.4	x	Bethel	MisU	S	Por	2,788	2,800	12			
103	0	13	x	x		37.2	0.24	McClosky	MisL	L	Por	2,965	2,978	6			
104	0	3	x	x		35.4	0.25	Aux Vases	MisU	S	Por	2,335	2,351	11	D	MisU	2,383
105	0	1	x	x		35.2	x	Aux Vases	MisU	S	Por	2,785	2,806	12	D	MisU	2,806
106	0	25													D	MisL	3,047
107	0	20	x	x		39.5	0.29	Tar Springs	MisU	S	Por	2,340	2,360	15			
108	0	4	x	x		38.5	x	Cypress	MisU	S	Por	2,590	2,610	10			
109	0	1	x	x		36.4	x	McCloskey	MisL	L	Por	3,009	3,047	5			
110	4	672			PM										A	Dev	4,840
111	0	23	x	x		37.9	x	Cypress	MisU	S	Por	2,670	2,680	10			
112	0	1	x	x		38.0	x	Bethel	MisU	S	Por	2,880	2,885	5			
113	0	9	x	x		38.0	x	Aux Vases	MisU	S	Por	2,910	2,935	15			
114	0	3	x	x		38.0	x	Rosiclare	MisL	S	Por	2,970	2,974	4			
115	4	628	x	x		38.5	x	McClosky	MisL	L	Por	2,980	2,990	10			
116	0	8						[33]									
117	0	0	x	x				Devonian	Dev	L	Por	2,618	2,668	50	D	Dev	2,668
118	0	44													D	Dev	2,914
119	0	10	x	x		x	x	Cypress	MisU	S	Por	1,185	1,201	9			
120	0	34	x	x		32.2	0.21	Bethel	MisU	S	Por	1,319	1,326	7			
121	0	2	x	x		36.1	0.17	Cypress	MisU	S	Por	1,105	1,110	5	D	MisU	1,110
122	0	6	x	x		x	x	Bethel	MisU	S	Por	1,408	1,415	7	D	MisU	1,415
123	0	797			PM										A	"Trenton"	4,068
124	0	23	x	100		36.4	x	Cypress	MisU	S	Por	1,200	1,215	15			
125	0	529	x	10		37.4	x	Bethel	MisU	S	Por	1,355	1,375	20			
126	0	244	x	275		37.4	0.38	Devonian	Dev	L	Por	2,860	2,874	14			
127	0	1	x	x		43.2	0.28	"Trenton"	Ord	L	Por	4,020	4,120	40			
128	0	1	x	x		37.0	x	Aux Vases	MisU	S	Por	1,824	1,834	10	A	MisU	1,842
129	0	1													A	St. Peter	4,908
130	0	0	x	x		44.1	0.16	Cypress	MisU	S	Por	1,835	1,919	25			
131	0	1	x	x		36.6	0.29	McClosky	MisL	L	Por	2,000	2,027	12			
132		78	x												A	Dev	5,185
133	0	3	x	x		34.0	x	Bridgeport	Pen	S	Por	1,571	1,622	10			
134	0	10	x	x		34.0	x	Waltersburg	MisU	S	Por	2,365	2,375	10			
135			x	x		38.0	x	Bethel[34]	MisU	S	Por	2,935	2,949	14			
136			x	x		39.0	x	Aux Vases[34]	MisU	S	Por	3,040	3,056	16			
137	0	60	x	200		40.0	0.18	McClosky	MisL	L	Por	3,108	3,119	11			
138	0	5						[33]									
139	0	4	x	x		38.5	x	McClosky	MisL	L	Por	3,266	3,325	8	D	MisL	3,325
140	0	11	x	x		36.6	0.23	Cypress	MisU	S	Por	2,620	2,640	12	D	MisL	3,175
141	0	2	x	x		39.1	x	McClosky	MisL	L	Por	3,341	3,343	12	D	MisL	3,343
142	0	4	x	x		35.8	0.31	McClosky	MisL	L	Por	3,093	3,188	6	A	MisL	3,269
143	0	16													A	MisL	2,500
144	0	8	x	x		x	x	Bethel	MisU	S	Por	2,305	2,316	11			
145	0	8	x	x		38.1	x	McClosky	MisL	L	Por	2,490	1,497	7			
146	290	1,622			PM										A	St. Peter	4,679
147	65	862	x	338		36.6	0.25	Cypress	MisU	S	Por	1,493	1,515	22			
148	5	316	x	401		37.8	0.24	Paint Creek	MisU	S	Por	1,530	1,545	15			
149	5	413	x	382		38.5	0.20	Bethel	MisU	S	Por	1,550	1,566	16			
150	44	15	x	1,331		29.0	0.40	Devonlan	Dev	L	Por	3,000	3,025	15			
151	171	16						[33]									

[33] Wells producing from more than one sand, see Table 2.

[34] Producing in combination wells.

TABLE 1.—(*Continued*)

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
152	St. James, *Fayette*	1938	1,880	0	4,178,000	1,965,000	0	0	188	11	0	2	180	0
153	St. Paul, *Fayette*	1941	20	0	4,000	4,000	0	0	2	2	0	0	2	0
154	Benton, *Franklin*	1941	1,865	0	6,990,000	6,990,000	0	0	222	222	0	0	222	0
155	Benton North, *Franklin*	1941	60	0	33,000	33,000	0	0	6	6	0	0	6	0
156			20	0	*x*	*x*	0	0	2	2	0	0	2	0
157			20	0	*x*	*x*	0	0	2	2	0	0	2	0
158			20	0	*x*	*x*	0	0	2	2	0	0	2	0
159	Thompsonville, *Franklin*	1940	220	0	188,000	117,000	0	0	19	3	0	0	19	0
160	West Frankfort, *Franklin*	1941	10	0	*x*	*x*	0	0	1	1	0	0	1	0
161	Whitington, *Franklin*	1939	10	0	16,000	5,000	0	0	1	0	0	0	1	0
162	Inman, *Gallatin*	1940	40	0	156,000	154,000	0	0	7	7	0	0	7	0
163			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
164			*x*	0	*x*	*x*	0	0	4	4	0	0	4	0
165			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
166			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
167	Inman East, *Gallatin*	1940	290	0	312,000	310,000	0	0	36	36	0	1	35	0
168			*x*	0	*x*	*x*	0	0	3	3	0	0	3	0
169			*x*	0	*x*	*x*	0	0	24	24	0	1	23	0
170			*x*	0	*x*	*x*	0	0	6	6	0	0	6	0
171			*x*	0	*x*	*x*	0	0	3	3	0	0	3	0
172	Inman North, *Gallatin*	1941	20	0	5,000	5,000	0	0	2	2	0	0	2	0
173	Junction, *Gallatin*	1939	150	0	168,000	44,000	0	0	14	0	0	0	14	0
174	Omaha, *Gallatin*	1940	260	0	370,000	364,000	0	0	20	19	0	1	19	0
175			*x*	0	*x*	*x*	0	0	17	16	0	1	16	0
176			*x*	0	*x*	*x*	0	0	3	3	0	0	3	0
177	Belle Prairie, *Hamilton*	1940	20	0	35,000	32,000	0	0	2	1	0	0	2	0
178	Bungay, *Hamilton*	1941	10	0	3,000	3,000	0	0	1	1	0	0	1	0
179	Dahlgren, *Hamilton*	1941	540	0	681,000	681,000	0	0	42	42	0	0	42	0
180	Dale, *Hamilton*	1940	1,230	0	2,884,000	2,555,000	0	0	136	112	1	0	135	0
181			*x*	0	*x*	*x*	0	0	27	5	0	0	27	0
182			*x*	0	*x*	*x*	0	0	8	8	0	0	8	0
183			*x*	0	*x*	*x*	0	0	72	72	0	0	72	0
184			*x*	0	*x*	*x*	0	0	20	18	1	0	19	0
185									9	9	0	0	9	0
186	Hoodville, *Hamilton*	1940	1,310	0	4,069,000	3,725,000	0	0	155	103	0	1	154	0
187			*x*	0	*x*	*x*	0	0	76	26		1	75	0
188			*x*	0	*x*	*x*	0	0	42	42	0	0	42	0
189			*x*	0	*x*	*x*	0	0	4	2	0	0	4	0
190									33	33	0	0	33	0
191	Rural Hill, *Hamilton*	1941	900	0	1,615,000	1,615,000	0	0	95	95	0	0	95	0
192			*x*	0	*x*	*x*	0	0	39	39	0	0	39	0
193			*x*	0	*x*	*x*	0	0	5	5	0	0	5	0
194			*x*	0	*x*	*x*	0	0	19	19	0	0	19	
195									32	32	0	0	32	0
196	Walpole, *Hamilton*	1941	270	0	208,000	208,000	0	0	18	18	0	0	18	0
197	Elkville, *Jackson*	1941	10	0	500	500	0	0	1	1	0	0	1	0
198	Hidalgo, *Jasper*	1940	20	0	7,000	2,000	0	0	2	0	1	1	0	0
199	North Boos, *Jasper*	1940	540	0	995,000	805,000	0	0	46	36	0	0	46	0
200	Ste. Marie, *Jasper*	1941	40	0	16,000	16,000	0	0	3	3	0	0	3	0
201	Cravat, *Jefferson*	1939	100	0	125,000	48,000	0	0	11	0	0	0	11	0
202	Dix, *Jefferson*	1938	1,460	0	2,360,000	778,000	0	0	76	11	0	0	76	0
203	Elk Prairie, *Jefferson*	1938[25]	10	0	700	0	0	0	1	0	0	0	0	0
204	Ina, *Jefferson*	1938[26]	10	0	15,000	1,000	0	0	1	0	1	0	0	0
205	Marcoe, *Jefferson*	1938[27]	20	0	12,500	500	0	0	2	0	1	0	0	0
206	Roaches, *Jefferson*	1938	120	0	334,000	89,000	0	0	10	0	0	0	10	0
207	Woodlawn, *Jefferson*	1940	1,120	0	2,533,000	2,532,000	0	0	137	136	0	2	135	0
208	Ruark, *Lawrence*	1941	10	0	*x*	*x*	0	0	1	1	0	0	1	0

[25] Abandoned 1940. [26] Abandoned 1941. [27] Abandoned 1941.

TABLE 1.—(*Continued*)

Line Number	Oil-production Methods, End of 1941: Number of Wells: Flowing	Oil-production Methods, End of 1941: Number of Wells: Artificial Lift	Reservoir Pressure,[a] Lb. per Sq. In.: Initial	Reservoir Pressure,[a] Lb. per Sq. In.: Avg. at End of 1941	Repressuring Operation[d]	Character of Oil: Gravity, A.P.I. at 60°F.,[b] Weighted Average	Character of Oil: Sulphur, Per Cent	Producing Formation: Name	Age[e]	Character[f]	Porosity[g]	Depth Avg. Ft.: Top Prod. Zone	Depth Avg. Ft.: Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Deepest Zone Tested to End of 1941: Name	Deepest Zone Tested to End of 1941: Depth of Hole, Ft.
152	0	180	x	x		34.4	0.31	Cypress	MisU	S	Por	1,581	1,600	16	A	Dev	3,375
153	0	2	x	x		34.0	x	Bethel	MisU	S	Por	1,885	1,906	6	D	MisU	1,906
154	0	222	x	x		40.6	0.11	Tar Springs	MisU	S	Por	2,100	2,150	34	A	MisL	3,203
155	0	6													D	MisL	2,800
156	0	2	x	x		x	x	Bethel	MisU	S	Por	2,606	2,623	10			
157	0	2	x	x		x	x	Aux Vases	MisU	S	Por	2,689	2,700	10			
158	0	2	x	x		x	x	McClosky	MisL	L	Por	2,783	2,792	5			
159	0	19	x	x		37.8	0.16	McClosky	MisL	L	Por	3,121	3,136	10	A	MisL	3,136
160	0	1	x	x		x	x	Tar Springs	MisU	S	Por	2,054	2,080	14	D	MisL	2,989
161	0	1	x	x		37.6	0.24	McClosky, St. Louis	MisL	L	Por	2,869	3,068	9	D	MisL	3,068
162	0	7													D	MisL	2,941
163	0	1	x	x		36.0	x	Palestine	MisU	S	Por	1,832	1,842	10			
164	0	4	x	x		36.9	x	Tar Springs	MisU	S	Por	2,073	2,090	8			
165	0	1	x	x		x	x	Cypress	MisU	S	Por	2,400	2,441	5			
166	0	1	x	x		x	x	Aux Vases	MisU	S	Por	2,743	2,778	13			
167	0	35													A	MisL	2,869
168	0	3	x	x		24.4	0.31	Pennsylvanian	Pen	S	Por	780	792	12			
169	0	23	x	x		33.3	x	Tar Springs	MisU	S	Por	2,082	2,097	15			
170	0	6	x	x		x	x	Cypress	MisU	S	Por	2,430	2,440	10			
171	0	3	x	x		x	x	McClosky	MisL	L	Por	2,804	2,910	10			
172	0	2	x	x		x	x	McClosky	MisL	L	Por	2,850	2,020	15	D	MisL	3,020
173	0	14	x	x		37.2	0.22	Watlersburg	MisU	S	Por	1,763	1,804	15	D	MisL	2,711
174	0	19													D	MisL	3,578
175	0	16	x	425		25.9	0.23	Palestine	MisU	S	Por	1,690	1,710	20			
176	0	0	x	425		27.0	x	Tar Springs	MisU	S	Por	1,880	1,890	10			
177	0	2	x	x		37.0	0.12	McClosky	MisL	L	Por	3,467	3,578	6	D	MisL	3,578
178	0	1	x	x		x	x	Aux Vases	MisU	S	Por	3,275	3,290	15	D	MisL	3,513
179	0	42	x	x		38.7	0.18	McClosky	MisL	L	Por	3,337	3,359	10	A	MisL	3,359
180	10	125													D	MisL	3,257
181	0	27	x	x		37.6	0.25	Cypress	MisU	S	Por	2,678	2,708	18			
182	0	8	x	x		39.0	x	Bethel	MisU	S	Por	2,890	2,910	20			
183	6	66	x	x		38.5	x	Aux Vases	MisU	S	Por	2,970	3,000	30			
184	0	19	x	x		39.0	x	McClosky	MisL	L	Por	3,143	3,185	10			
185	4	5	x	x				[33]									
186	2	152													D	MisL	3,224
187	0	75	x	x		39.0	0.19	Bethel	MisU	S	Por	2,952	2,975	20			
188	1	41	x	x		39.0	0.39	Aux Vases	MisU	S	Por	3,050	3,065	15			
189	0	4	x	x		39.0	x	McClosky	MisL	L	Por	3,146	3,224	10			
190	1	32						[33]									
191	21	74													A	MisL	3,320
192	0	39	x	x		38.0	0.15	Aux Vases	MisU	S	Por	3,135	1,160	25			
193	0	5	x	x		x	x	Levias	MisL	L	Por	3,200	3,230	30			
194	9	10	x	x		38.6	0.19	McClosky	MisL	L	Por	3,260	3,320	22			
195	12	20						[33]									
196	0	18	x	x		39.0	x	Aux Vases	MisU	S	Por	3,050	3,085	35	A	MisL	3,289
197	0	1	x	x		x	x	Bethel	MisU	S	Por	2,000	2,011	11	D	MisL	2,387
198	0	0	x	x		38.8	x	McClosky	MisL	L	Por	2,560	2,607	8	N	Dev	4,139
199	0	46	x	x		38.6	0.20	McClosky	MisL	L	Por	2,791	2,834	8	A	MisL	2,834
200	0	3	x	x		41.0	x	McClosky	MisL	L	Por	2,823	2,833	8	A	MisL	2,833
201	0	11	x	x		35.4	0.23	Bethel	MisU	S	Por	2,066	2,077	11	D	MisL	2,356
202	0	76	x	290	PM	39.0	0.18	Bethel	MisU	S	Por	1,948	1,961	13	A	Devonian	3,650
203	0	0	x	x		x	x	McClosky	MisL	L	Por	2,718	2,751	7	D	MisL	2,958
204	0	0	x	x		36.4	0.20	St. Louis	MisL	L	Por	3,002	3,007	5	D	MisL	3,064
205	0	0	x	x		23.2	0.54	McClosky	MisL	L	Por	2,746	2,765	11	D	MisL	3,066
206	0	10	x	x		37.0	0.22	McClosky, Rosiclare	MisL	L, S	Por	2,187	2,257	22	D	MisL	2,285
207	0	135	x	250		37.8	0.16	Bethel	MisU	S	Por	1,960	1,984	24	A	MisL	2,304
208	0	1	x	x		32.0	x	Buchanan	Pen	S	Por	1,514	1,531	14	D	MisL	2,320

TABLE 1.—(*Continued*)

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
209	Russellville gas, *Lawrence*	1937	0	1,620	0	0	2,818.5	863.0	49	8	1	0	0	48
210			0	1,600	0	0	*x*	*x*	8	4	0	0	0	8
211			0	260	0	0	*x*	*x*	41	4	1	0	0	40
212	St. Francisville East, *Lawrence*	1941	30	0	*x*	*x*	0	0	3	3	0	0	3	0
213	South Lawrence, *Lawrence*	1941	60	0	*x*	*x*	0	0	7	7	0	0	7	0
214	Carlinville North, *Macoupin*	1941	30	0	*x*	*x*	0	0	3	3	0	0	3	0
215	Alma, *Marion*	1941	20	0	8,000	8,000	0	0	2	2	0	0	2	0
216	Patoka, *Marion*	1937	900	0	2,496,000	418,000	0	0	130	13	4	0	113	0
217			885	0	*x*	*x*	0	0	127	12	4	0	110	0
218			15	0	*x*	*x*	0	0	3	1	0	0	3	0
219	Patoka East, *Marion*	1941	430	0	663,000	663,000	0	0	56	56	0	0	56	0
220			0	0	*x*	*x*	0	0	51	51	0	0	51	0
221			0	0	*x*	*x*	0	0	5	5	0	0	5	0
222	Salem, *Marion*	1938	9,070	0	152,266,000	29,510,900	0	0	2,416	11	13	27	2,358	0
223			9,070	0	*x*	*x*	0	0	459	4	0	16	439	0
224			*x*	0	*x*	*x*	0	0	152	6	2	1	149	0
225			*x*	0	*x*	*x*	0	0	550	0	9	3	523	0
226			*x*	0	*x*	*x*	0	0	8	0	0	0	8	0
227			5,000	0	31,530,000	3,930,000	0	0	541	1	2	2	439	0
228			1,000	0	918,000	918,000	0	0					99	0
229									706	0	0	5	701	0
230	Tonti, *Marion*	1939	380	0	4,730,000	1,261,000	0	0	55	6	0	1	54	0
231			*x*	0	*x*	*x*	0	0	5	1	0	0	5	0
232			*x*	0	*x*	*x*	0	0	15	5	0	0	15	0
233			*x*	0	*x*	*x*	0	0	29	0	0	1	28	0
234			*x*	0	1,250,000	572,000	0	0	6	0	0	0	6	0
235	Fairman, *Marion, Clinton*	1939	490	0	536,000	305,000	0	0	25	9	0	0	24	0
236	Raymond, *Montgomery*	1940	30	0	2,400	1,900	0	0	3	1	0	0	2	0
237	Waggoner, *Montgomery*	1940	40	0	3,000	2,000	0	0	4	0	0	0	4	0
238	Bonpas, *Richland*	1941	20	0	19,000	19,000	0	0	1	1	0	0	1	0
239	Bonpas West, *Richland*	1941	80	0	47,000	47,000	0	0	7	7	0	0	6	0
240			10	0	*x*	*x*	0	0	1	1	0	0	1	0
241			10	0	*x*	*x*	0	0	1	1	0	0	1	0
242			60	0	*x*	*x*	0	0	5	5	0	1	4	0
243	Dundas Consolidated, *Richland, Jasper*	1939	4,630	0	7,089,000	4,377,000	0	0	240	115	3	0	237	0
244			10	0	*x*	*x*	0	0	1	1	0	0	1	0
245			10	0	*x*	*x*	0	0	1	1	0	0	1	0
246			4,630	0	*x*	*x*	0	0	236	112	3	0	233	0
247			20	0	*x*	*x*	0	0	2	2	0	0	2	0
248	Noble, *Richland*	1937	3,740	0	12,112,000	2,541,000	0	0	264	18	5	7	231	0
249			*x*	0	*x*	*x*	0	0	89	17	1	0	88	0
250			*x*	0	*x*	*x*	0	0	175	1	4	7	143	0
251	Olney, *Richland*	1937	520	0	1,095,000	143,000	0	0	37	0	1	0	34	0
252	Schnell, *Richland*	1938	40	0	163,000	13,000	0	0	4	0	0	0	4	0
253	Stringtown, *Richland*	1941	20	0	15,000	15,000	0	0	3	3	0	0	3	0
254	Parkersburg, *Richland Edwards*	1941	330	0	743,000	743,000	0	0	24	24	0	0	24	0
255	Eldorado, *Saline*	1941	20	0	1,000	1,000	0	0	2	2	0	0	2	0
256	Lakewood, *Shelby*	1941	20	0	8,000	8,000	0	0	2	2	0	0	2	0
257			10	0	*x*	*x*	0	0	1	1	0	0	1	0
258			10	0	*x*	*x*	0	0	1	1	0	0	1	0
259	Stewardson, *Shelby*	1939	30	0	22,000	11,000	0	0	3	0	0	0	3	0
260	East Keensburg, *Wabash*	1939	20	0	*x*	*x*	0	0	2	0	0	0	2	0
261	Keensburg Consolidated, *Wabash*	1939	2,230	0	6,062,000	2,273,00	0	0	302	45	7	1	294	0
262			*x*	0	*x*	*x*	0	0	16	1	0	1	15	0

TABLE 1.—(*Continued*)

Line Number	Oil-production Methods, End of 1941: Number of Wells: Flowing	Oil-production Methods, End of 1941: Number of Wells: Artificial Lift	Reservoir Pressure,[4] Lb. per Sq. In.: Initial	Reservoir Pressure,[4] Lb. per Sq. In.: Avg. at End of 1941	Repressuring Operation[d]	Character of Oil: Gravity, A.P.I. at 60°F.,[5] Weighted Average	Character of Oil: Sulphur, Per Cent	Producing Formation: Name	Age[e]	Character[f]	Porosity[g]	Depth Avg. Ft.: Top Prod. Zone	Depth Avg. Ft.: Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Deepest Zone Tested to End of 1941: Name	Deepest Zone Tested to End of 1941: Depth of Hole, Ft.
209	0	0													A	Dev	3,133
210	0	0	250	245				Bridgeport	Pen	S	Por	760	793	15			
211	0	0	395	280				Buchanan	Pen	S	Por	1,108	1,119	11			
212	0	3	x	x		40.1	x	Bethel	MisU	S	Por	1,765	1,773	8	A	MisL	1,962
213	0	7	x	x		31.7	x	Buchanan	Pen	S	Por	1,369	1,397	11	D	Pen	1,405
214	0	3	x	x		20.3	x	Pennsylvanian	Pen	S	Por	443	462	10	D	Pen	462
215	0	2	x	x		37.1	x	Bethel, Rosiclare	MisU, MisL	S	Por	1,931	2,110	21	A	Dev	3,692
216	0	113													A	Dev	2,956
217	0	110	x	35		39.5	x	Bethel	MisU	S	Por	1,424	1,449	25			
218	0	3	x	x		40.9	0.31	Rosiclare	MisL	S	Por	1,562	1,572	10			
219	0	56													A	MisL	1,737
220	0	51	x	265		36.1	0.23	Cypress	MisU	S	Por	1,340	1,360	20			
221	0	5	x	x		36.1	0.23	Bethel	MisU	S	Por	1,466	1,478	12			
222	22	2,336			PM										A	St. Peter	5,655
223	0	439	x	x		38.5	0.20	Bethel	MisU	S	Por	1,797	1,838	40			
224	0	149	x	x		38.6	0.21	Aux Vases	MisU	S	Por	1,813	1,865	28			
225	0	523	x	x		39.0	x	McClosky	MisL	L	Por	1,975	2,048	17			
226	0	8	x	x		39.0	x	Salem	MisL	L	Por	2,156	2,222	17			
227	1	438	x	x		42.1	0.28	Devonian	Dev	L	Por	3,350	3,444	60			
228	20	79	x	x		42.0	x	Trenton	Ord	L	Por	4,500	4,625	50			
229	1	700						[33]							D	Dev	3,547
230	0	54															
231	0	5	x	x		39.0	x	Bethel	MisU	S	Por	1,928	1,948	20			
232	0	15	x	x		39.0	x	Aux Vases	MisU	S	Por	2,003	2,038	30			
233	0	28	x	x		39.4	0.21	McClosky	MisL	L	Por	2,134	2,149	15			
234	0	6	x	x		41.0	x	Devonian	Dev	L	Por	3,490	3,505	15			
235	0	24	x	100		38.2	0.21	Bethel	MisU	S	Por	1,462	1,479	8	D	"Trenton"	4,100
236	0	2	x	x		33.5	x	Pennsylvanian	Pen	S	Por	580	598	18	D	Pen	598
237	0	4	x	x		34.1	x	Pennsylvanian	Pen	S	Por	611	625	14	D	Dev	1,784
238	0	1	x	100		37.8	x	McClosky	Mis	L	Por	3,120	3,200	8	D	MisL	3,200
239	0	6													D	MisL	3,170
240	0	1	x	x		x	x	Bethel	MisU	S	Por	2,930	2,970	10			
241	0	1	x	x		x	x	Levias	MisL	L	Por	3,070	3,080	10			
242	0	4	x	x		38.1	x	McClosky	MisL	L	Por	3,130	3,170	6			
243	11	226													A	Dev	4,584
244	0	1	x	x		37.0	x	Cypress	MisU	S	Por	2,570	2,590	23			
245	0	1	x	x		38.0	x	Aux Vases	MisU	S	Por	2,705	2,738	10			
246	11	222	x	x		38.4	0.17	McClosky	MisL	L	Por	2,869	2,920	13			
247	0	2						[33]									
248	0	231													A	MisL	3,201
249	0	88	x	x		38.0	0.27	Cypress	MisU	S	Por	2,544	2,639	20			
250	0	143	x	x		39.0	x	McClosky	MisL	L	Por	2,957	3,003	10			
251	0	34	x	x		37.2	0.19	McClosky	MisL	L	Por	3,052	3,073	9	A	MisL	3,222
252	0	4	x	x		37.0	0.19	McClosky	MisL	L	Por	3,012	3,068	6	D	MisL	3,120
253	0	3	x	x		40.0	x	McClosky	MisL	L	Por	3,025	3,040	8	D	MisL	3,040
254	5	19	x	x		39.5	x	McClosky	MisL	L	Por	3,120	3,130	12	A	MisL	3,130
255	0	2	x	x		x	x	McClosky	MisL	L	Por	2,943	2,950	5	A	MisL	3,000
256	0	2													D	MisL	1,874
257	0	1	x	x		29.6	x	Bethel	MisU	S	Por	1,692	1,700	8			
258	0	1	x	x		32.0	x	Aux Vases	MisU	S	Por	1,723	1,735	9			
259	0	3	x	x		37.8	0.18	Aux Vases	MisU	S	Por	1,942	1,969	5	D	MisU	1,969
260	0	2	x	x		37.6	0.26	McClosky	MisL	L	Por	2,703	2,714	6	D	MisL	2,714
261	0	294													A	MisL	3,058
262	0	15	x	x		38.0	x	Biehl	Pen	S	Por	1,719	1,733	14			

TABLE 1.—(*Continued*)

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
263			x	0	x	x	0	0	2	0	0	0	2	0
264			x	0	x	x	0	0	4	0	0	0	4	0
265			x	0	x	x	0	0	7	6	0	0	7	0
266			x	0	x	x	0	0	238	18	7	0	231	0
267			x	0	x	x	0	0	6	4	0	0	6	0
268			x	0	x	x	0	0	2	2	0	0	2	0
269			x	0	x	x	0	0	19	6	0	0	19	0
270									8	8	0	0	8	0
271	Maud, *Wabash*	1940	250	0	248,000	205,000	0	0	20	11	2	1	17	0
272			x	0	x	x	0	0	2	2	0	0	2	0
273			x	0	x	x	0	0	1	0	0	0	1	0
274			x	0	x	x	0	0	1	1	0	0	1	0
275			x	0	x	x	0	0	15	7	2	1	12	0
276									1	1	0	0	1	0
277	Mt. Carmel, *Wabash*	1940	1,140	0	1,720,000	1,695,000	0	0	189	185	2	0	187	0
278			x	0	x	x	0	0	29	29	2	0	27	0
279			x	0	x	x	0	0	1	1	0	0	1	0
280			x	0	x	x	0	0	1	1	0	0	1	0
281			x	0	x	x	0	0	122	119	0	0	122	0
282			x	0	x	x	0	0	1	1	0	0	1	0
283			x	0	x	x	0	0	2	1	0	0	2	0
284			x	0	x	x	0	0	23	23	0	0	23	0
285									10	10	0	0	10	0
286	Mt. Carmel West, *Wabash*	1939	20	0	x	x	0	0	2	0	0	0	1	0
287	Patton, *Wabash*	1940[28]	40	0	2,000	2,000	0	0	4	1	0	0	4	0
288			30	0	x	x	0	0	3	0	0	0	3	0
289			10	0	2,000	2,000	0	0	1	1	0	0	1	0
290	Lancaster, *Wabash, Lawrence*	1940	320	0	440,000	99,000	0	0	28	0	4	1	22	0
291	Cordes, *Washington*	1939	1,430	0	1,724,000	540,000	0	0	128	0	0	0	127	0
292	Dubois, *Washington*	1939	120	0	57,000	36,000	0	0	9	5	0	0	9	0
293	Irvington, *Washington*	1940	700	0	1,554,000	1,044,000	0	0	74	35	0	0	74	0
294					x	x	0	0	66	33	0	0	66	0
295					x	217,000	0	0	7	1	0	0	7	0
296									1	1	0	0	1	0
297	McKinley, *Washington*	1940	60	0	91,000	87,000	0	0	6	5	0	0	6	0
298			50	0	x	x	0	0	5	4	0	0	5	0
299			10	0	x	x	0	0	1	1	0	0	1	0
300	Barnhill, *Wayne*	1939	870	0	1,460,000	230,000	0	0	64	1	1	0	62	0
301			x	0	x	x	0	0	61	1	1	0	59	0
302			x	0	x	x	0	0	1	0	0	0	1	0
303									2	0	0	0	2	0
304	Boyleston, *Wayne*	1938	1,590	0	2,351,000	824,000	0	0	100	17	0	0	100	0
305			10	0	x	x	0	0	1	0	0	0	1	0
306			1,590	0	x	x	0	0	98	17	0	0	98	0
307									1	0	0	0	1	0
308	Cisne, *Wayne*	1937	960	0	2,462,000	222,000	0	0	47	0	2	0	45	0
309			x	9	x	x	0	0	2	0	0	0	2	0
310			x	0	x	x	0	1	1	0	0	0	1	0
311			x	0	x	x	0	0	44	0	2	0	42	0
312	Geff, *Wayne*	1941	10	0	4,000	4,000	0	0	1	1	0	0	1	0
313	Goldengate, *Wayne*	1939	60	0	x	x	0	0	6	3	0	0	4	0
314			x	0	x	x	0	0	1	1	0	0	1	0
315			x	0	x	x	0	0	1	1	0	0	1	0
316			x	0	x	x	0	0	4	1	0	0	2	0
317	Johnsonville, *Wayne*	1941	3,780	0	5,532,000	5,532,000	0	0	217	217	0	0	217	0
318			x	0	x	x	0	0	19	19	0	0	19	0
319			x	0	x	x	0	0	196	196	0	0	196	0
320									2	2	0	0	2	0

[28] Biehl sand production since 1936, formerly included in the Allendale pool.

TABLE 1.—(*Continued*)

Line Number	Oil-production Methods, End of 1941: Number of Wells: Flowing	Oil-production Methods, End of 1941: Number of Wells: Artificial Lift	Reservoir Pressure,[4] Lb. per Sq. In.: Initial	Reservoir Pressure,[4] Lb. per Sq. In.: Avg. at End of 1941	Repressuring Operation[d]	Character of Oil: Gravity, A.P.I. at 60°F.,[5] Weighted Average	Character of Oil: Sulphur, Per Cent	Producing Formation: Name	Age[e]	Character[f]	Porosity[g]	Depth Avg. Ft.: Top Prod. Zone	Depth Avg. Ft.: Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Deepest Zone Tested to End of 1941: Name	Deepest Zone Tested to End of 1941: Depth of Hole, Ft.
263	0	2	x	x		x	x	Clore	MisU	S	Por	1,811	1,823	9			
264	0	4	x	x		x	x	Palestine	MisU	S	Por	1,830	1,846	16			
265	0	7	x	x		x	x	Tar Springs	MisU	S	Por	2,060	2,075	15			
266	0	231	x	x		38.6	0.29	Cypress	MisU	S	Por	2,444	2,462	18			
267	0	6	x	x		36.6	x	Bethel	MisU	S	Por	2,570	2,588	18			
268	0	2	x	x		x	x	Aux Vases	MisU	S	Por	2,760	2,790	30			
269	0	19	x	x		37.9	0.38	McClosky[33]	MisL	L	Por	2,790	2,797	7			
270	0	8															
271	0	17													D	MisL	2,658
272	0	2	x	x		x	x	Waltersburg	MisU	S	Por	1,935	1,956	21			
273	0	1	x	x		x	x	Biehl	MisU	S	Por	2,120	2,132	12			
274	0	1	x	x		x	x	Rosiclare	MisL	S	Por	2,639	2,650	9			
275	0	12	x	x		38.0	0.30	McClosky[33]	MisL	L	Por	2,650	2,658	8			
276	0	1															
277	0	187													A	MisL	2,411
278	0	27	x	x		x	x	Biehl	Pen	S	Por	1,450	1,464	14			
279	0	1	x	x		x	x	Palestine	MisU	S	Por	1,540	1,550	10			
280	0	1	x	x		x	x	Tar Springs	MisU	S	Por	1,790	1,794	4			
281	0	122	x	x		38.4	x	Cypress	MisU	S	Por	2,033	2,048	15			
282	0	1	x	x		x	x	Bethel	MisU	S	Por	2,100	2,115	15			
283	0	2	x	x		36.6	0.36	Rosiclare	MisL	S	Por	2,360	2,364	4			
284	0	23	x	x		38.4	0.42	McClosky	MisL	L	Por	2,370	2,380	10			
285	0	10															
286	0	1	x	x		x	x	Tar Springs	MisU	S	Por	1,940	1,955	15	D	MisL	2,556
															A	MisL	2,313
287	0	4															
288	0	3	x	x		x	x	Biehl	Pen	S	Por	1,470	1,485	15			
289	0	1	x	x		x	x	McClosky	MisL	L	Por	2,309	2,313	4			
290	0	22	x	x		39.8	0.28	McClosky	MisL	L	Por	2,683	2,700	9	A	MisL	2,700
291	0	127	x	x		37.4	0.19	Bethel	MisU	S	Por	1,259	1,285	17	A	MisL	1,550
292	0	9	x	100		38.0	0.26	Bethel	MisU	S	Por	1,359	1,370	11	D	Dev	3,537
293	0	74													A	Dev	3,150
294	0	66	x	x		37.6	0.16	Bethel	MisU	S	Por	1,537	1,550	10			
295	0	7	x	x		39.0	x	Devonian	Dev	L	Por	3,092	3,150	5			
296	0	1						[33]									
297	0	6													D	Dev	2,567
298	0	5	x	x		44.1	x	Bethel	MisU	S	Por	982	996	14			
299	0	1	x	x		41.7	x	Devonian	Dev	L	Por	2,250	2,272	4			
300	0	62													A	MisL	3,855
301	0	59	x	x		37.6	0.17	McClosky	MisL	L	Por	3,385	3,411	11			
302	0	1	x	x		x	x	Salem	MisL	L	Por	3,792	3,855	*y*			
303	0	2						[33]									
304	0	100													A	MisL	3,384
305	0	1	x	x		x	x	Rosiclare	MisL	S	Por	3,273	3,277	4			
306	0	98	x	x		40.2	0.14	McClosky	MisL	L	Por	3,250	3,277	14			
307	0	1						[33]									
308	0	45													A	St. Peter	7,207
309	0	2	x	x		38.5	x	Aux Vases	MisU	S	Por	2,982	3,029	13			
310	0	1	x	x		x	x	Rosiclare	MisL	S	Por	3,010	3,160	4			
311	0	42	x	x		35.8	0.24	McClosky	MisL	L	Por	3,121	3,178	15			
312	0	1	x	x		29.4	x	McClosky	MisL	L	Por	3,135	3,180	3	D	MisL	3,180
313	0	4													D	Dev	5,645
314	0	1	x	x		x	x	Aux Vases	MisU	S	Por	3,238	3,350	12			
315	0	1	x	x		x	x	Rosiclare	MisL	S	Por	3,318	3,345	5			
316	0	2	x	x		34.4	0.18	McClosky	MisL	L	Por	3,377	3,399	7			
317	0	217													A	MisL	3,150
318	0	19	x	600		39.4	x	Aux Vases	MisU	S	Por	2,980	3,040	12			
319	0	196	x	1,100		39.4	0.16	McClosky	MisL	L	Por	3,070	3,150	15			
320	0	2						[33]									

TABLE 1.—(*Continued*)

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
321	Leech Township, *Wayne*	1938	240	0	302,000	70,000	0	0	14	0	0	0	14	0
322	Mt. Erie, *Wayne*	1938	10	0	11,000	1,000	0	0	1	0	0	0	1	0
323	Mayberry, *Wayne*	1941	20	0	6,000	6,000	0	0	2	2	0	0	2	0
324	North Aden, *Wayne*	1938	1,100	0	2,486,000	551,000	0	0	65	0	0	0	61	0
325	Rinard, *Wayne*	1937[29]	10	0	15,000	9,000	0	0	1	0	0	0	0	0
326	South Mt. Erie, *Wayne*	1939[30]	10	0	7,000	0	0	0	1	0	0	0	0	0
327	Sims, *Wayne*	1941	50	0	41,000	41,000	0	0	4	4	0	0	4	0
328			*x*	0	*x*	*x*			2	2	0	0	2	0
329			*x*	0	*x*	*x*			2	2	0	0	2	0
330	Aden, *Wayne, Hamilton*	1938	370	0	389,000	145,000	0	0	9	1	0	0	9	0
331	Burnt Prairie, *White*	1940	270	0	254,000	108,000	0	0	20	2	0	0	20	0
332			*x*	0	*x*	*x*	0	0	2	0	0	0	2	0
333			*x*	0	*x*	*x*	0	0	18	2	0	0	18	0
334	Calvin West, *White*	1939	10	0	*x*	*x*	0	0	1	0	0	0	1	0
335	Carmi, *White*	1940	10	0	2,000	1,500	0	0	1	0	0	0	1	0
336	Centerville, *White*	1940	60	0	115,000	66,000	0	0	5	2	0	0	5	0
337	Centerville East, *White*	1941	70	0	18,000	18,000	0	0	6	6	0	0	6	0
338			*x*	0	*x*	*x*	0	0	4	4	0	0	4	0
339			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
340			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
341	Epworth, *White*	1941	40	0	14,000	14,000	0	0	4	4	0	0	4	0
342			10	0	*x*	*x*	0	0	1	1	0	0	1	0
343			20	0	*x*	*x*	0	0	2	2	0	0	2	0
344			10	0	*x*	*x*	0	0	1	1	0	0	1	0
345	Grayville West, *White*	1941	30	0	9,000	9,000	0	0	3	3	0	0	3	0
346			10	0	*x*	*x*	0	0	1	1	0	0	1	0
347			20	0	*x*	*x*	0	0	2	2	0	0	2	0
348	Herald, *White*	1940	70	0	23,000	19,000	0	0	5	2	0	0	5	0
349			*x*	0	*x*	*x*	0	0	2	0	0	0	2	0
350			*x*	0	*x*	*x*	0	0	3	2	0	0	3	0
351	Iron, *White*	1940	760	0	1,918,000	807,000	0	0	63	17	0	0	63	0
352			*x*	0	*x*	*x*	0	0	5	4	0	0	5	0
353			*x*	0	*x*	*x*	0	0	33	6	0	0	33	0
354			*x*	0	*x*	*x*	0	0	2	1	0	0	2	0
355			*x*	0	*x*	*x*	0	0	20	3	0	0	20	0
356									3	3	0	0	3	0
357	Maunie, *White*	1941	20	0	4,000	4,000	0	0	2	2	0	0	2	0
358	Maunie North, *White*	1941	30	0	6,000	6,000	0	0	3	3	0	0	3	0
359			10	0	*x*	*x*	0	0	1	1	0	0	1	0
360			20	0	*x*	*x*	0	0	2	2	0	0	2	0
361	Maunie South, *White*	1941	480	0	374,000	374,000	0	0	52	52	0	0	52	0
362			*x*	0	*x*	*x*	0	0	4	4	0	0	4	0
363			*x*	0	*x*	*x*	0	0	30	30	0	0	30	0
364			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
365			*x*	0	*x*	*x*	0	0	8	8	0	0	8	0
366			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
367			*x*	0	*x*	*x*	0	0	5	5	0	0	5	0
368			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
369									2	2	0	0	2	0
370	New Harmony Consolidated, *White*	1939	5,008	0	11,706,000	10,180,000	0	0	648	445	1	0	647	0
371			*x*	0	*x*	*x*	0	0	1	1	0	0	1	0
372			*x*	0	*x*	*x*	0	0	16	2	0	0	16	0
373			*x*	0	*x*	*x*	0	0	22	13	0	0	22	0
374			*x*	0	*x*	*x*	0	0	80	50	0	0	80	0
375			*x*	0	*x*	*x*	0	0	11	5	0	0	11	0

[29] Abandoned 1939, revived Aug. 1940.

[30] Abandoned 1941.

TABLE 1.—(*Continued*)

Line Number	Oil-production Methods, End of 1941: Number of Wells: Flowing	Oil-production Methods, End of 1941: Number of Wells: Artificial Lift	Reservoir Pressure,[4] Lb. per Sq. In.: Initial	Reservoir Pressure,[4] Lb. per Sq. In.: Avg. at End of 1941	Repressuring Operation[d]	Character of Oil: Gravity, A.P.I. at 60°F.,[5] Weighted Average	Character of Oil: Sulphur, Per Cent	Producing Formation: Name	Age[e]	Character[f]	Porosity[g]	Depth Avg. Ft.: Top Prod. Zone	Depth Avg. Ft.: Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Deepest Zone Tested to End of 1941: Name	Deepest Zone Tested to End of 1941: Depth of Hole, Ft.
321	0	14	x	x		39.0	0.19	McClosky	MisL	L	Por	3,413	3,453	11	D	MisL	3,485
322	0	1	x	x		39.8	0.18	McClosky	MisL	L	Por	3,080	3,092	y	D	MisL	3,135
323	0	2	x	x		38.0	x	McClosky	MisL	L	Por	3,340	3,380	7	D	MisL	3,380
324	0	61	x	x		39.0	0.17	McClosky	MisL	L	Por	3,321	3,341	12	A	Dev	5,393
325	0	0	x	x		38.5	x	McClosky	MisL	L	Por	3,144	3,154	5	D	MisL	3,154
326	0	0	x	x		x	x	McClosky	MisL	L	Por	3,129	3,206	11	D	MisL	3,206
327	0	4													A	MisL	3,220
328	0	2	x	1,100		38.9	x	Aux Vases	MisU	S	Por	3,030	3,045	15			
329	0	2	x	x		39.1	x	McClosky	MisL	L	Por	3,170	3,220	8			
330	0	9	x	x		40.0	x	McClosky	MisL	L	Por	3,287	3,337	7	A	MisL	3,460
331	0	0													D	MisL	3,432
332	0	-2	x	x		x	x	Rosiclare	MisL	S	Por	3,260	3,404	9			
333	0	18	x	x		37.0	0.28	McClosky	MisL	L	Por	3,425	3,436	11			
334	0	1	x	x		x	x	McClosky	MisL	L	Por	3,191	3,201	y	D	MisL	3,201
335	0	1	x	x		x	x	McClosky	MisL	L	Por	3,148	3,167	4	D	MisL	3,167
336	0	5	x	x		38.0	x	McClosky	MisL	L	Por	3,355	3,373	4	D	MisL	3,373
337	0	6													D	MisL	3,276
338	0	4	x	x		x	x	Tar Springs	MisU	S	Por	2,530	2,545	15			
339	0	1	x	x		x	x	Cypress	MisU	S	Por	2,915	2,925	10			
340	0	1	x	x		40.0	x	McClosky	MisL	L	Por	3,264	3,276	12			
341	0	4													D	MisL	3,148
342	0	1	x	x		x	x	Degonia	MisU	S	Por	2,092	2,108	6			
343	0	2	x	x		36.2	x	Clore	MisU	S	Por	2,072	2,109	18			
344	0	1	x	x		x	x	Palestine	MisU	S	Por	2,099	2,188	14			
345	0	3													D	MisL	3,273
346	0	1	x	x		37.0	x	Cypress	MisU	S	Por	2,870	2,890	20			
347	0	2	x	x		x	x	McClosky	MisL	L	Por	3,172	3,273	8			
348	0	5													A	MisL	3,060
349	0	2	x	x		28.0	x	Pennsylvanian	Pen	S	Por	1,565	1,571	6			
350	0	3	x	x		35.0	x	Tar Springs	MisU	S	Por	2,259	2,276	18			
351	0	63													A	MisL	3,142
352	0	5	x	x		36.0	x	Tar Springs	MisU	S	Por	2,425	2,440	6			
353	0	33	x	x		38.4	0.30	Hardinsburg	MisU	S	Por	2,537	2,556	18			
354	0	2	x	x		x	x	Cypress	MisU	S	Por	2,708	2,753	24			
355	0	20	x	x		39.0	0.20	McClosky	MisL	L	Por	3,061	3,142	10			
356	0	3						[33]									
357	0	2	x	x		38.0	x	Palestine	MisU	S	Por	2,012	2,018	6	D	MisL	3,049
358	0	3													D	MisL	3,092
359	0	1	x	x		36.5	x	Bethel	MisU	S	Por	2,826	2,847	21			
360	0	2	x	x		x	x	McClosky	MisL	L	Por	3,075	3,092	6			
361	0	52													A	MisL	2,873
362	0	4	x	50		37.0	x	Pennsylvanian	Pen	S	Por	1,455	1,480	25			
363	0	30	x	150		38.0	x	Palestine	MisU	S	Por	2,020	2,038	18			
364	0	1	x	x		x	x	Waltersburg	MisU	S	Por	2,208	2,217	9			
365	0	8	x	175		38.0	x	Tar Springs	MisU	S	Por	2,254	2,268	14			
366	0	1	x	200		38.0	x	Cypress	MisU	S	Por	2,561	2,569	8			
367	0	5	x	250		39.0	x	Aux Vases	MisU	S	Por	2,844	2,866	22			
368	0	1	x	x		x	x	McClosky	MisL	L	Por	2,871	2,873	2			
369	0	2															
370	3	644													A	MisL	3,107
371	0	1	x	x		x	x	Biehl	Pen	S	Por	1,830	1,870	40			
372	0	16	x	x		37.6	0.40	Waltersburg	MisU	S	Por	2,156	2,197	20			
373	0	22	x	x		38.0	x	Tar Springs	MisU	S	Por	2,225	2,296	15			
374	0	80	x	x		39.0	x	Cypress	MisU	S	Por	2,561	2,605	25			
375	0	11	x	x		38.0	x	Paint Creek Stray	MisU	S	Por	2,659	2,679	20			

TABLE 1.—(*Concluded*)

Line Number	Field, *County*	Year of Discovery	Area Proved, Acres		Total Oil Production, Bbl.		Total Gas Production Millions Cu. Ft.		Number of Oil and/or Gas Wells					
										During 1941		End of 1941		
			Oil	Gas[b]	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	Completed	Abandoned	Temporarily Shut Down	Producing Oil[c]	Producing Gas[c]
376			x	0	x	x	0	0	117	81	1	0	116	0
377			x	0	x	x	0	0	145	131	0	0	145	0
378			x	0	x	x	0	0	2	1	0	0	2	0
379			x	0	x	x	0	0	93	43	0	0	93	0
380									161	118	0	0	161	0
381	New Harmony South, *White*	1941	60	0	24,000	24,000	0	0	4	4	0	0	4	0
382			x	0	x	x	0	0	1	1	0	0	1	0
383			x	0	x	x	0	0	1	1	0	0	1	0
384			x	0	x	x	0	0	1	1	0	0	1	0
385			x	0	x	x	0	0	1	1	0	0	1	0
386	New Haven, *White*	1941	150	0	172,000	172,000	0	0	19	19	0	0	19	0
387			x	0	x	x	0	0	4	4	0	0	4	0
388			x	0	x	x	0	0	1	1	0	0	1	0
389			x	0	x	x	0	0	6	6	0	0	6	0
390			x	0	x	x	0	0	3	3	0	0	3	0
391			x	0	x	x	0	0	1	1	0	0	1	0
392									4	4	0	0	4	0
393	Phillipstown, *White*	1939	150	0	125,000	64,000	0	0	11	5	0	0	11	0
394			x	0	x	x	0	0	1	1	0	0	1	0
395			x	0	x	x	0	0	1	1	0	0	1	0
396			x	0	x	x	0	0	2	0	0	0	2	0
397			x	0	x	x	0	0	3	3	0	0	3	0
398			x	0	x	x	0	0	4	0	0	0	4	0
399	Roland, *White*	1940	800	0	1,096,000	1,093,000	0	0	92	91	0	4	88	0
400			x	0	x	x	0	0	43	43	0	0	43	0
401			x	0	x	x	0	0	3	2	0	1	2	0
402			x	0	x	x	0	0	4	4	0	0	4	0
403			x	0	x	x	0	0	7	7	0	0	7	0
404			x	0	x	x	0	0	11	11	0	3	8	0
405									24	24	0	0	24	0
406	Stokes, *White*	1939	280	0	256,000	89,000	0	0	16	5	1	1	14	0
407			x	0	x	x	0	0	3	3	0	1	2	0
408			x	0	x	x	0	0	1	1	0	0	1	0
409			x	0	x	x	0	0	12	1	1	0	11	0
410	Storms, *White*	1939	1,470	0	2,947,000	1,399,000	0	0	155	25	0	4	151	0
411			x	0	x	x	0	0	151	21	0	4	147	0
412			x	0	x	x	0	0	1	1	0	0	1	0
413			x	0	x	x	0	0	3	3	0	0	3	0
414	Mill Shoals, *White, Hamilton*	1939	850	0	1,658,000	947,000	0	0	93	43	0	0	93	0
415			x	0	x	x	0	0	73	40	0	0	73	0
416			x	0	x	x	0	0	17	3	0	0	17	0
417									3	0	0	0	3	0
418	Total for fields discovered after Jan. 1, 1937		97,483	1,630	385,525,000	128,993,000	2,818.5	863.0	10,899	2,819	158	67	10,496	48
419	Total for Illinois		196,083	17,460	832,951,000	134,138,000	5,206.5	867.4	31,615	2,925	414	376	23,427	55

DEEP TESTS DURING 1941 (TABLE 6)

The St. Peter sandstone was tested in the Salem, Louden and Bartelso fields but was not found productive. There was slight saturation in the "Trenton," the top of which was encountered at a depth of 3824 ft. in the Carter Oil Company's J. Brauer 6-D well, Louden field, but it was not commercial.

The Devonian limestone was tested in the Clay City Consolidated field by the Pure Oil Company's Moseley 3-B well but it was not productive.

TABLE 1.—(*Concluded*)

Line Number	Oil-production Methods, End of 1941: Number of Wells: Flowing	Oil-production Methods, End of 1941: Number of Wells: Artificial Lift	Reservoir Pressure,[4] Lb. per Sq. In.: Initial	Reservoir Pressure,[4] Lb. per Sq. In.: Avg. at End of 1941	Repressuring Operation[d]	Character of Oil: Gravity, A.P.I. at 60°F.,[5] Weighted Average	Character of Oil: Sulphur, Per Cent	Producing Formation: Name	Age[e]	Character[f]	Porosity[g]	Depth Avg. Ft.: Top Prod. Zone	Depth Avg. Ft.: Bottoms Prod. Wells	Net Thickness, Avg. Ft.	Structure[h]	Deepest Zone Tested to End of 1941: Name	Deepest Zone Tested to End of 1941: Depth of Hole, Ft.
376	0	116	x	x		38.0	x	Bethel	MisU	S	Por	2,684	2,751	25			
377	2	143	x	x		39.0	x	Aux Vases	MisU	S	Por	2,820	2,840	20			
378	0	2	x	x		x	x	Rosiclare	MisL	S	Por	2,906	2,920	15			
379	1	92	x	x		39.2	0.20	McClosky	MisL	L	Por	2,892	2,919	8			
380	0	161						[33]									
381	0	4													A	MisL	3,059
382	0	1	x	x		x	x	Waltersburg	MisU	S	Por	2,262	2,282	20			
383	0	1	x	x		x	x	Tar Springs	MisU	S	Por	2,355	2,373	16			
384	0	1	x	x		x	x	Bethel	MisU	S	Por	2,820	2,830	10			
385	0	1	x	x		38.0	x	McClosky	MisL	L	Por	3,011	3,020	8			
386	0	19													A	MisL	2,850
387	0	4	x	x		38.0	x	Tar Springs	MisU	S	Por	2,115	2,125	10			
388	0	1	x	x		38.0	x	Hardinsburg	MisU	S	Por	2,246	2,251	5			
389	0	6	x	x		38.0	x	Cypress	MisU	S	Por	2,436	2,448	12			
390	0	3	x	x		39.0	x	Aux Vases	MisU	S	Por	2,717	2,732	15			
391	0	1	x	x		38.0	x	McClosky	MisL	L	Por	2,845	2,850	5			
392	0	4						[33]									
393	0	11													A	Dev	5,349
394	0	1	x	x		x	x	Degonia	MisU	S	Por	1,997	2,007	10			
395	0	1	x	x		x	x	Tar Springs	MisU	S	Por	2,293	2,320	27			
396	0	2	x	x		39.4	x	Aux Vases	MisU	S	Por	2,942	2,964	8			
397	0	3	x	x		x	x	Rosiclare	MisL	S	Por	2,955	2,967	10			
398	0	4	x	x		38.2	0.21	McClosky	MisL	L	Por	2,994	3,004	10			
399	3	85													A	Dev	5,225
400	0	43	x	600		32.0	x	Waltersburg	MisU	S	Por	2,159	2,174	15			
401	0	2	x	x		32.0	x	Tar Springs	MisU	S	Por	2,231	2,243	12			
402	0	4	x	x		x	x	Cypress	MisU	S	Por	2,551	2,568	17			
403	0	7	x	x		39.0	x	Bethel	MisU	S	Por	2,724	2,741	17			
404	0	8	x	800		x	x	Aux Vases	MisU	S	Por	2,880	2,898	18			
405	3	21						[33]									
406	0	14													A	MisL	3,150
407	0	2	x	x		x	x	Paint Creek Stray	MisU	S	Por	2,760	2,805	27			
408	0	1	x	x		x	x	Bethel	MisU	S	Por	2,813	2,827	8			
409	0	11	x	x		35.8	0.26	McClosky	MisL	L	Por	3,077	3,124	12			
410	1	150			PM										A	MisL	3,082
411	1	146	x	125		32.1	0.28	Waltersburg	MisU	S	Por	2,234	2,285	18			
412	0	1	x	x		x	x	Cypress	MisU	S	Por	2,656	2,685	10			
413	0	3	x	x		x	x	Paint Creek Stray	MisU	S	Por	2,807	2,832	14			
414	0	93													A	MisL	3,316
415	0	73	x	x		39.8	0.14	Aux Vases	MisU	S	Por	3,221	3,241	20			
416	0	17	x	x		38.0	0.16	McClosky	MisL	L	Por	3,316	3,391	14			
417	0	3						[33]									
418	372	10,124															
419	372	23,055															

DEVELOPMENT

Most of the new discoveries and development during 1941 took place in White, Hamilton, Wayne, and Wabash Counties, in the southeastern part of the state. In White County alone, 839 wells were completed, of which 728 were producing wells (Table 7). Field development during the year was principally in the Johnsonville, Rural Hill, and Benton fields, as mentioned; in the New Harmony Consolidated field, White County, and the Woodlawn field, Jefferson County.

Table 2.—Discovery Wells of New Fields in Illinois in 1941

Field, *County*	Company and Farm	Location	Total Depth Ft.	Depth to Top, Ft.	Producing Formation	Initial Production, Bbl.	Date of Completion of Discovery Well	Number of Wells in Field Dec. 31, 1941
Alma, *Marion*	Swan-King, Kotva	C S SW NW 36-4N-2E	2,101	2,070	Rosiclare sandstone	439	9-23-41	2
Benton, *Franklin*	Adkins, Orient Coal Co. No. 1	NE SW SE 24-6S-2E	2,148	2,111	Tar Springs sandstone	374	1-21-41	222
Benton, N., *Franklin*	Mohawk Drilling Co., Stuart No. 1	NE NE NE 11-6S-2E	2,794	2,789	Rosiclare sandstone	380	9-16-41	6
Bone Gap, *Edwards*	Tidewater Assoc. Oil Co., Gawthorp No. 1	NE NE NE 13-1S-10E	3,325	3,266	McClosky limestone	46	2-4-41	4
Bonpas, *Richland*	Case-Pomeroy, Bowers No.	SW SW SE 34-3N-14W	3,120	3,118	McClosky limestone	260	5-27-41	1
Bonpas West, *Richland*	Craft, Daubs No. 1	E SW NE 8-2N-14W	3,171	3,144	McClosky limestone	940	8-26-41	7
Boulder, *Clinton*	Texas Company, Gray No. 1	S NW SE 35-3N-2W	2,655	2,570	Devonian limestone	17[2]	9-30-41	1
Bungay, *Hamilton*	Woodriver Dev. Co., Walker No. 1	SW NE NW 26-4S-7E	3,290	3,272	Aux Vases sandstone	25	3-4-41	1
Carlinville N., *Macoupin*	Mudgett, Goebelt No. 1	W NE SE 20-10N-7W	447	436	Lower Pennsylvanian sandstone	10	12-2-41	3
Centerville E., *White*	Yingling et al., Shepard No. 1	NE NE NE 5-4S-10E	2,925	2,887	Cypress sandstone	60	9-9-41	6
Clay City W., *Clay*	Williams, Nolan No. 1	C S SE NW 10-2N-7E	3,182	3,064	McClosky limestone	3,608	12-16-41	2
Cooks Mills, *Coles*	Carter Oil Co , Haybrook No. 1	C E SE SW 2-13N-7E	1,842	1,830	Aux Vases sandstone	30	12-9-41	1
Dahlgren, *Hamilton*	Duncan, Zeller No. 1	SE NE NE 34-3S-5E	3,359	3,337	McClosky limestone	132	1-14-41	42
Eldorado, *Saline*	Thompson Drill. Co., Reich No. 1	NE SW NE 8-8S-7E	2,998	2,943	McCloskey limestone	92	8-26-41	2
Elkville, *Jackson*	Wiser, Overhold No. 1	C SE SW 22-7S-1W	2,028	2,000	Bethel sandstone	5	6-10-41	1
Ellery, *Edwards*	Martin, Lester No. 1	W SW SW 19-2S-10E	3,351	3,341	McClosky limestone	62	5-20-41	2
Epworth, *White*	Catlett, Calvert No. 1	SE SE NW 32-5S-10E	2,188	2,099	Palestine sandstone	90	9-9-41	4
Grayville W., *White*	Wall and Mitchell, Kershaw No. 1	SW SW NE 22-3S-10E	2,896	2,853	Cypress sandstone	53	8-5-41	3
Geff, *Wayne*	Pure Oil Co., Johnson No. A-1	W SE NE 12-1S-7E	3,180	3,135	McClosky limestone	62	8-19-41	1
Inman N., *Gallatin*	Blackstock, Cox No. 1	NE NW SW 2-8S-9E	3,020		McClosky limestone	40	7-8-41	2
Johnsonville, *Wayne*	Wiser Oil Co., Hillard No. 1	S SE SW 27-1N-6E	3,085	2,992	McClosky limestone	2,406	7-15-41	217
Lakewood, *Shelby*	Sloan, Cutler No. 1	SE SE NE 12-10N-2E	1,735	1,723	Aux Vases sandstone	37	4-29-41	2
Maunie, *White*	Halbert, Hueble No. A-1	NE NW SW 7-6S-11E	2,018	2,012	Palestine sandstone	35	4-8-41	3
Maunie N., *White*	Continental, Ackerman No. 1	NE NW NE 25-5S-10E	2,838	2,824	Bethel sandstone	20	6-10-41	3
Maunie S., *White*	Cherry and Kidd, Karch No. 1	SW NW NE 24-6S-10E	2,872	2,841	Aux Vases sandstone	141	5-13-41	52
Mayberry, *Wayne*	Texas Co., Draper No. 1	C N NW SW 8-3S-6E	3,380	3,352	McClosky limestone	75	8-26-41	2
New Harmony S., *White*	Rhodes, Golden No. 1	NW NW SE 29-5S-14W	2,282	2,218	Waltersburg sandstone	112	1-28-41	4
New Haven, *White*	Hiawatha, Stinson No. 1	SW SW NE 19-7S-11E	2,129	2,115	Tar Springs sandstone	107	3-25-41	19
Parkersburg, *Richland*	Ohio Oil Co., Koertge No. 1	SE SE NW 29-2N-14W	3,129	3,117	McClosky limestone	1,459	8-19-41	24
Patoka E., *Marion*	Oberling and Phillips, Thalman No. 1	NW NW NW 35-4N-1E	1,360	1,349	Cypress sandstone	48	1-28-41	56
Patton,[1] *Wabash*	Fotiades, Mason No. 1	SW SE NW 27-1N-12W	2,316	2,309	McClosky limestone	170	11-18-41	4
Posey, *Clinton*	Ashoff, Lampen No. 1	NW NW NW 16-1N-2W	1,110	1,105	Cypress sandstone	29	4-1-41	2
Ruark, *Lawrence*	DeKalb Agr. Assoc., King No. 1	S SW NE 8-2N-12W	1,531	1,514	Buchanan sandstone	57	10-21-41	1
Rural Hill, *Hamilton*	Shell, Ventrees No. 1	SW SW SE 12-6S-5E	3,194	3,188	McClosky limestone	794	8-5-41	94
St. Francisville E., *Lawrence*	Sinclair-Wyoming, All States Life Ins. Co. No. 1	SE SE NW 22-2N-11W	1,762	1,747	Bethel sandstone	40	10-21-41	3
St. Paul, *Fayette*	Luttrell, Ford No. 1	NE NE NW 31-5N-3E	1,891	1,876	Bethel sandstone	41	10-14-41	2
Stringtown, *Richland*	Nolf et al., Nuding No. 1	NW SW NW 6-4N-14W	3,041	3,028	McClosky limestone	190	11-11-41	3
Ste. Marie, *Jasper*	Craft and Powers, Wade No. 1	W SW NW 5-5N-14W	2,935	2,832	McClosky limestone	500	11-25-41	3
Sailor Springs, *Clay*	Robinson, Tolliver No. 1	SW NW SE 26-4N-7E	2,341	2,327	Tar Springs sandstone	292	6-3-41	25
Sims, *Wayne*	Bell Bros., Fuhrer No. 1	W NE NW 33-1S-6E	3,196	3,158	McClosky limestone	240	11-4-41	4
South Lawrence, *Lawrence*	Evarts, Catt No. 1	SW SE SW 23-2N-12W	1,397	1,369	Buchanan sandstone	25	5-27-41	7
Walpole, *Hamilton*	Chevigny, Phillips No. 1	SW NW SW 26-6S-6E	3,193	3,053	Aux Vases sandstone	53	7-1-41	25
West Frankfort, *Franklin*	Adkins, Orient Coal Co. No. B-1	SE NE NW 12-7S-2E	2,080	2,040	Tar Springs sandstone	31	2-25-41	1
Xenia, *Clay*	Carter Oil Co., A. M. Keller	C W SW SW 4-2N-5E	2,806	2,786	Aux Vases sandstone	44	11-25-41	1

[1] Biehl sandstone production in area since 1936.
[2] Gas, millions of cubic feet.

TABLE 3.—EXTENSIONS TO POOLS IN ILLINOIS IN 1941

Pool, *County*	Company and Farm	Location	Total Depth, Ft.	Depth to Top, Ft.	Producing Formation	Initial Production, Bbl.	Date of Completion
Benton, *Franklin*	Morgan, Minier No. 1	NW NW NE 36-6S-2E	2,163	2,114	Tar Springs sandstone	912	4-22-41
Benton N., *Franklin*	Oil Carriers, Casper No. 1	SE SW NW 1-6S-2E	2,623	2,606	Paint Creek Stray sandstone	240	10-7-41
Bone Gap, *Edwards*	Tidewater, Provident Mutual No. 1	E NE SE 13-1S-10E	3,206	3,187	McClosky limestone	86	12-6-41
Bonpas W., *Richland*	Ohio Oil Co., Lambert No. 1	SE SE NW 17-2N-14W	3,149	3,124	McClosky limestone	90	10-28-41
Bonpas W., *Richland*	Ohio Oil Co., Hall No. 1	W NW NE 20-2N-14W	3,162	3,137	McClosky limestone	30	12-16-41
Boyleston, *Wayne*	Watkins & Weinert, Bright No. 1-B	N NE NE 2-2S-7E	3,334	3,313	McClosky limestone	440	9-3-41
Centerville E., *White*	Sun Oil Co., Straw No. 1	SE SE NW 7-4S-10E	2,551	2,477	Tar Springs sandstone	151	11-25-41
Clay City Cons., *Clay, Wayne*	Sanders, Hubble No. 1	E½ SW SE 30-2-N-8E	3,038	3,013	McClosky limestone	1,360	4-29-41
Clay City Cons., *Clay, Wayne*	Pure Oil Co., Michels No. 1-A	W SW NW 25-2N-7E	3,065	3,039	McCloskey limestone	7	5-13-41
Clay City Cons., *Clay, Wayne*	Rock Hill Oil Co., Doff No. 1	NW SW SW 20-3N-8E	2,899	2,674	Cypress and Bethel sandstone	107	9-23-41
Dix, *Jefferson*	L. & W., Sargent No. 1	SW SW NW 22-1S-2E	1,938	1,931	Bethel sandstone	63	5-27-41
Herald, *White*	Mabee Drilling Co., Knight No. 1	SW SW SE 10-7S-9E	2,266	2,256	Tar Springs sandstone	115	2-4-41
Hoodville, *Hamilton*	Texas Co., McDonald No. 1	NW NE SW 11-6S-6E	3,078	3,071	Aux Vases sandstone	106	6-24-41
Iola, *Clay*	Madden, Ging No. 1	SE SE NE 17-5N-5E	2,397	2,373	Aux Vases sansdtone	100	4-22-41
Irvington, *Washington*	Powell, Holle No. 1	NW NW NE 15-1S-1W	1,527	1,519	Bethel sandstone	168	6-17-41
Irvington, *Washington*	Gulf, Maschoff No. 1	SE SE SW 10-1S-1W	1,531	1,522	Bethel sandstone	146	7-15-41
Johnsonville, *Wayne*	Olson Drill. Co., Porter No. 1	W NW SE 36-1N-6E	3,207	3,194	McClosky limestone	690	8-19-41
Johnsonville, *Wayne*	Pioneer Drill. Co., Williamson No. 1	SW NE 22-1N-6E	3,189	3,168	McClosky limestone	1,200	9-9-41
Mt. Carmel, *Wabash*	Olds, Riverside Park No. 1	NE SE SW 21-1S-12W	1,991	1,980	Cypress sandstone	180	5-20-41
Mt. Carmel, *Wabash*	Kennedy, Carson No. 1	SW SE NE 16-1S-12W	2,112	2,081	Bethel sandstone	30	7-1-41
Mason, *Effingham*	Lynch, Burk No. 1	SW SE NW 27-6N-5E	2,302	2,276	Bethel sandstone	175	6-10-41
Maunie S., *White*	Cherry & Kidd, Prell No. 1	NE SE SW 24-6S-10E	2,268	2,240	Tar Springs sandstone	147	6-3-41
Mill Shoals, *White, Hamilton*	Cherry & Kidd, Gardner No. 1	SE SE NE 24-3S-7E	3,252	3,228	Aux Vases sandstone	125	10-21-41
New Harmony S., *White*	Bell Bros., Morris No. 1	NW SW NW 21-5S-14W	2,373	2,348	Tar Springs sandstone	116	2-4-41
New Harmony Cons., *White*	Compton & Fotiades, Gray No. 1	NE SW SW 21-4S-14W	2,862	2,838	Aux Vases sandstone	800	6-24-41
New Harmony Cons., *White*	First Nat. Petr. Trust, Johnson No. 1	NE SE NW 5-5S-14W	2,978	2,944	McClosky limestone	65	7-22-41
Noble, *Richland*	Davis Schan No. 1	W SW NW 27-3N-9E	3,059	3,036	McClosky limestone	42	6-24-41
Noble, *Richland*	Pure Oil Co., Boley No. 1-A	E NW SE 28-4N-9E	3,003	2,991	McClosky limestone	550	12-30-41
North Boos, *Jasper*	Lain, Henry No. 1-A	SW NW NW 9-6N-10E	2,829	2,794	McClosky limestone	273	5-6-41
Parkersburg, *Edwards*	Central Park Line Co. and Kent Stremms No. 1	E SE NE 31-2N-14W	3,123	3,116	McClosky limestone	1,167	10-28-41
Roland, *White*	Kingwood & Exchange, Porter No. 1	NE SW SW 12-7S-8E	2,660	2,573	Cypress sandstone	36	3-25-41
Roland, *White*	Fisher Oil Co., Ellis No. 1	NE SW SE 11-7S-8E	2,167	2,116	Waltersburg sandstone	308	6-3-41
Sailor Springs, *Clay*	Scott, Rodgers No. 1	NE NW NW 36-4N-7E	2,319	2,312	Tar Springs sandstone	20	10-7-41
Sailor Springs, *Clay*	W. C. McBride, Inc., Drake No. 1	SE SW NE 34-4N-7E	2,610	2,581	Cypress sandstone	48	8-26-41
Sailor Springs, *Clay*	Williams, Keck No. 1	NE NE SW 35-4N-7E	2,323	2,315	Tar Springs sandstone	57	9-23-41
Sims, *Wayne*	Swan-King, Spencer No. 1	W SE NE 28-1S-6E	3,219	3,169	McClosky limestone	210	12-16-41
Stokes, *White*	Pure Oil and Carter Oil Cos., Kisner No. 1	SE SE SE 7-6S-9E	2,856	2,800	Paint Creek sandstone	134	7-15-41
Walpole, *Hamilton*	The Texas Co., Shasteen No. 1	C E SE SW 27-6S-6E	3,080	3,064	Aux Vases sandstone	161	7-8-41
Woburn, *Bond*	A. J. Hausman, Durr No. A-2	NW NW NE 10-6N-2W	1,027	1,009	Bethel sandstone	13	10-21-41
Woodlawn, *Jefferson*	Kingwood, First Nat. Bank No. 1	SE NE SW 35-2S-1E	1,978	1,964	Bethel sandstone	961	7-22-41

TABLE 4.—COMPLETIONS AND PRODUCTION OF OIL IN ILLINOIS SINCE JAN. 1, 1936

Year	Number of Completions	Number of Producing Wells	Production Thousands of Barrels		
			New Fields[a]	Old Fields[a,b]	Total[c]
1936	92	52			4,445
1937	449	292	2,884	4,542	7,426
1938	2,541	2,010	19,771	4,304	24,075
1939	3,675	2,970	90,908	4,004	94,912
1940	3,829	3,080	142,969	4,678	147,647
1941:					
Jan.	256	184	9,866	427	10,293
Feb.	199	140	8,698	371	9,069
Mar.	242	185	9,983	409	10,392
Apr.	259	191	9,861	435	10,296
May	352	267	10,054	445	10,499
June	303	227	9,973	432	10,405
July	328	245	10,427	427	10,854
Aug.	456	363	11,670	416	12,086
Sept.	472	391	12,257	435	12,692
Oct.	357	279	12,642	463	13,105
Nov.	352	271	11,694	422	12,116
Dec.	262	182	11,869	463	12,332
	3,838	2,925	128,994	5,145	134,139

[a] Production figures based on information furnished by oil companies and pipe-line companies.
[b] Includes Devonian production at Sandoval and Bartelso.
[c] From the U. S. Bureau of Mines.

In the Salem pool 99 producing wells were deepened from the Devonian limestone to the Kimmswick ("Trenton") limestone, which was productive in the field. The Devonian limestone was tested in the Louden pool and found productive, and during the year 59 Devonian wells were completed in the field. The St. Peter sandstone was tested in the Salem field and found nonproductive. No saturation was reported below the Kimmswick limestone. The St. Peter was also tested in the Louden pool and found nonproductive. A small part of the Kimmswick limestone showed oil saturation in the test drilled but the amount of saturation was not commercial.

PROSPECTS FOR 1942

The outlook for 1942 is for a greatly reduced drilling program in proven areas and for less exploration throughout the state. This decrease in activity is brought about by the difficulty of obtaining equipment for the wells and the introduction of the current well-spacing program.

ECONOMIC DATA

On the basis of posted prices, the total value of the oil produced in 1941 was approximately $174,380,700. The average price calculated from the available data on production and prices for the state was $1.30 per barrel for the year. Posted prices for Illinois crude oil in 1941 were as shown in Table 9.

TABLE 5.—WILDCAT WELLS DRILLED IN ILLINOIS IN 1941

Reason for Drilling	Total Number	Successful	Per Cent
Geology, geophysics and geochemistry	292	63	21.6
Not based on geologic, geophysical or geochemical information	173	0	0
Doubtful	101	21	20.8
Unknown	25	0	0
Total	591	84	14.2

In 1941, a total of 9,513,547 ft. of hole was drilled in the state. Of this amount 7,357,193 ft. was drilled in producing wells. With an assumed average cost of $3.00 per foot, the total investment in drilling was $28,540,641, including both producing wells and dry holes. The average depth of all wells drilled in the state in 1941 was 2480 ft., as compared with 2500 ft. in 1940.

The average initial daily production of the oil wells was 278 bbl., which was less than half of that for 1940. The large initial production of the Devonian wells in Salem and Centralia fields accounted for the high initial daily average of 573 bbl. for 1940.

PIPE LINES AND REFINERIES

Pipe-line construction in Illinois in 1941 was limited principally to the construction of lines connecting the new pools with trunk lines already constructed. Most of the construction was to provide outlets for the new pools in Franklin, Hamilton, Wabash, Wayne, and White Counties. Pipe-line construction in Illinois during 1941 was as follows:

CRUDE OIL

Ashland Oil and Transportation Co.—6 miles 4-in., Johnsonville field to Sims field, Wayne County.

Centralia Crude Oil Purchasing Co.—2½ miles 3-in. and 4-in., Tonti field to Salem field.

Central Pipe Line Co.—4 miles 4-in., Benton field to Benton North field; 2 miles 4-in., Parkersburg field to Illinois Pipe Line.

TABLE 6.—IMPORTANT TESTS IN 1941

County	Pool or Wildcat	Location	Company and Farm	Total Depth, Ft.	Deepest Formation Tested	Top, Ft.	Remarks	Date Completed
Adams	Wildcat	12-2S-8W	Schachtsick, Reichart No. 1	901	St. Peter	820	Dry	5-20-41
Bond	Wildcat	28-4N-4W	Farrelly, Kyle No. 1	2,150	Devonian	2,115	Dry	5-6-41
Bond	Wildcat	21-6N-2W	Schwarz & Shell, Studebaker No. 1	3,206	"Trenton"	3.144	Dry	8-5-41
Bond	Wildcat	15-6N-2W	Texas, Mull No. 1	2,476	Devonian		Dry	7-15-41
Bond	Wildcat	1-4N-4W	Haines & Jackson, Hunter No. 1	2,539	Ste. Genevieve	2,420	Dry	3-4-41
Champaign	Wildcat	18-17N-11E	Union Products Petr. Co., Messman No. 1	1,850	"Trenton"	1,683	Dry	5-20-41
Champaign	Wildcat	18-22N-8E	Robinson, Springer No. 1	1,404	"Trenton"	1,255	Dry	10-28-41
Christian	Wildcat	24-12N-1W	Olson Drill. Co , Tex. No. 1	2,720	Devonian	2,540	Dry	6-10-41
Christian	Wildcat	26-15N-2W	Marlow et al., Howell No. 1	2,016	Devonian	1,915	Dry	7-29-41
Clark	Westfield	18-11N-14W	Harvey, Phillips No. 1	1,560	Dev.-Sil.		Dry	6-24-41
Clark	Wildcat	1-9N-14W	Swan-King, Claypool	1,687	Devonian	1,622	Dry	12-16-41
Clay	Clay City Cons.	4-2N-8E	Pure, Mosely No. "B" 3	4,840	Devonian	4,669	Dry	10-21-41
Clinton	Bartelso	9-1N-3W	Mosebach, Schlarmann No. 1	4,213	St. Peter	4,175	Dry	4-22-41
Clinton	Wildcat	27-3N-1W	Obering et al., Yantis No. 1	2,871	Devonian	2,802	Dry	4-8-41
Clinton	Wildcat	22-1N-5W	Gerson et al., Billhart No. 1	3,217	"Trenton"	2,955	Dry	8-5-41
Coles	Wildcat	33-14N-10E	Allen & Sherritt, Taylor No. 1	1,143	Devonian		Dry	3-11-41
Coles	Wildcat	36-14N-10E	East Oakland Syndicate, Temple No. 1	2,290	"Plattin"	2,145	Dry	2-25-41
Crawford	Oblong	7-6N-13W	Powers, Kirkland No. 1	3,110	Devonian	3,095	Dry	5-13-41
Douglas	Wildcat	33-16N-9E	Illinois Mid-Continent, Bragg No. 1	700	Devonian		Dry	10-28-41
Dupage	Wildcat	2-40N-9E	I.C.R., Bartlett	1,175	Franconia		Dry	12-30-41
Edgar	Wildcat	19-15N-13W	Leonard, Baker No. 1	960	Devonian	890	Dry	9-30-41
Fayette	Louden	21-8N-3E	Carter Oil Co., Brauer No. 6-D	4,679	St. Peter	4,421	Dry	11-24-41
Fayette	Wildcat	13-4N-1W	Angelo-Twelve Oil Co., Oates No. 1	3,056	Devonian	2,942	Dry	1-14-41
Fayette	Louden	16-8N-3E	Whisenant, Lilley No. 25-D	3,131	Devonian	3,063	1,243 BOF	5-27-41
Fulton	Wildcat	11-7N-1E	Lee Twp. Oil Co., Walker No. 1	955	"Trenton"	953	Dry	5-13-41
Hancock	Wildcat	28-4N-5W	Tate, Rice No. 1	2,085	Dresbach		Dry	4-29-41
Jackson	Wildcat	9-8S-3W	Magnolia Petr. Co., Smith Heirs No. 1	3,893	"Trenton"	3,705	Dry	1-21-41
Johnson	Wildcat	24-11S-3E	Benedum & Trees Oil Co., Cavitt, No. 1	4,250	Devonian	4,097	Dry	3-11-41
Knox	Wildcat	10-10N-3E	Davis, Byland No. 1	1,200	"Trenton"	967	Dry	6-3-41
Lawrence	Wildcat	20-3N-12W	Robinson, Sauers No. 1	5,013	"Trenton"	4,862	Dry	2-25-41
McLean	Wildcat	28-22N-1E	Funks Grove Oil & Gas Co., Crawford No. 1	2,115	"Trenton"	1,995	Dry	5-27-41
Macoupin	Wildcat	1-9N-7W	Bridges et al., Feiker No. 1	1,613	Devonian	1,505	Dry	4-1-41
Madison	Wildcat	27-5N-8W	Kiskadden, Fisher No. 1	1,955	Decorah	1,945(?)	Dry	11-4-41
Madison	Wildcat	22-3N-6W	Wickwire et al., Ellis No. 1	1,410	Devonian	1,363	Dry	2-11-41
Montgomery	Wildcat	28-9N-4W	Brown et al., Luddeke No. 1	2,008	Devonian	1,970	Dry	5-20-41
Montgomery	Wildcat	10-9N-2W	Hoover, Battles No. 1	2,598	Devonian	2,519	Dry	5-20-41
Montgomery	Wildcat	20-10N-2W	Detrick, Banes No. 1	2,528	Dev.-Sil.	2,298	Dry	7-1-41
Montgomery	Wildcat	3-10N-2W	Benedum & Trees, Janssen Heirs	3,237	"Trenton"	3,144	Dry	8-19-41
Montgomery	Wildcat	28-9N-4W	Brown & Hager, Luddeke No. 1	1,810	Devonian		Dry	2-18-41
Morgan	Wildcat	2-13N-10W	Hunt, Cuddy No. 2	1,512	"Trenton"	1,380	Dry	4-15-41
Morgan	Wildcat	1-16N-11W	Measley et al., Crum No. 1	1,200	"Trenton"	1,120	Dry	4-15-41
Morgan	Wildcat	28-13N-8W	Magnolia Petr., Keplinger No. 1	1,765	"Trenton"	1,585	Dry	9-9-41
Moultrie	Wildcat	31-14N-4E	Olson Drill. Co., Ekiss No. 1	2,947	Dev.-Sil.	2,768	Dry	6-24-41
St. Clair	Wildcat	31-3S-6W	Alspach, Smith No. 1	1,715	Devonian	1,681	Dry	7-15-41
St. Clair	Wildcat	2-2S-9W	Magnolia Petr., Probst No. 1	1,450	"Trenton"		Dry	7-15-41
St. Clair	Wildcat	32-2N-7W	Morris, Rasp No. 1-A	2,075	"Trenton"	1,947	Dry	10-14-41
St. Clair	Wildcat	26-1N-9W	Gass and Frazier, Hahn No. 1	1,500	"Trenton"	1,469	Dry	11-25-41
Scott	Wildcat	27-13N-13W	Bedell, Adams No. 1	1,050	St. Peter	875	Dry	3-25-41
Shelby	Wildcat	12-13N-3E	Olson Drill. Co., Atkinson No. 1	2,922	Devonian	2,822	Dry	7-1-41
Shelby	Wildcat	36-13N-3E	O. C. Brunsbold, Harley-Yantis, No. 1	3,061	Devonian	2,970	Dry	2-4-41
Vermilion	Wildcat	30-18N-13W	Sylvestre, Trisler No. 1	1,775	Devonian	1,428	Dry	6-10-41
Warren	Wildcat	11-9N-1W	Monarch Oil Co., Hoadley No. 1	528	Dev.-Sil.		Dry	9-3-41
Washington	Wildcat	32-2S-4W	Bergundthal, Dement No. 1	2,395	Devonian	2,347	Dry	11-25-41

R. Hal Compton Crude Oil Purchasing Co.—13 miles 6-in., Worth Refining Company's refinery, Blue Island, Ill., south to the Texas-Empire and Sinclair Pipe Line Company's trunk lines to East Chicago, Indiana.

Farm Bureau Oil Co.—5 miles 4-in., New Harmony Consolidated field to Indiana.

Gulf Pipe Line Co.—75 miles 10-in loops in its trunk line across Illinois.

Illinois Pipe Line Co.—33 miles 8-in., Benton field to Enfield Station, White County; 8½ miles 8-in., Parkersburg field to Lancaster Station, Wabash County; 6+ miles 10-in. loops in line from Enfield Station, White County, to Stoy Station, Crawford County.

Marimac Oil Co.—6 miles 5-in. and 7-in., Johnsonville field to loading rack at Cisne, Illinois.

Pure Transportation Co. (formerly Wabash Pipe Line Co.)—9 miles 4-in., New Harmony Consolidated field to Enfield Station, White County; 6 miles 6-in.,

TABLE 7.—SUMMARY OF DRILLING AND INITIAL PRODUCTION IN ILLINOIS FOR 1941

County	Number of Wells Drilled in 1941			Total Initial Production		Number of Feet Drilled in 1941[a]	
	Completions	Producing		Oil, Bbl.	Gas, Millions Cu. Ft.	Total	Producing Wells
		Oil	Gas				
Adams	5	0	0	0	0	4,331	0
Bond	21	4	0	102	0	27,627	3,667
Bureau	2	0	0	0	0	3,126	0
Cass	1	0	0	0	0	501	0
Champaign	5	0	0	0	0	6,122	0
Christian	3	0	0	0	0	6,625	0
Clark	20	7	1	96	1.0	15,577	5,844
Clay	93	59	0	13,500	0	258,033	157,324
Clinton	64	25	1	1,090	17.5	97,385	37,886
Coles	8	1	0	30	0	10,609	1,842
Crawford	5	1	0	6	0	9,914	953
DeKalb	0	0	0	0	0	1,180[b]	0
Douglas	2	0	0	0	0	1,550	0
DuPage	1	0	0	0	0	1,175	0
Edgar	9	1	1	10	1.5	4,852	950
Edwards	52	36	0	24,082	0	143,894	95,562
Effingham	32	17	0	2,096	0	67,982	37,144
Fayette	238	190	0	28,076	0	476,575	388,525
Franklin	277	231	0	64,087	0	625,315	502,644
Fulton	2	0	0	0	0	1,960	0
Gallatin	96	62	0	8,167	0	198,257	124,577
Greene	1	0	0	0	0	570	0
Hamilton	432	372	0	115,356	0	1,369,026	1,168,414
Hancock	1	0	0	0	0	2,085	0
Henry	0	0	0	0	0	275[b]	0
Jackson	10	1	0	5	0	22,597	2,387
Jasper	176	140	0	55,077	0	494,998	393,857
Jefferson	184	147	0	51,353	0	368,856	263,748
Johnson	2	0	0	0	0	4,958	0
Knox	1	0	0	0	0	1,200	0
LaSalle	3	0	0	0	0	2,613	0
Lawrence	48	18	8	1,200	32.5	72,712	33,189
Logan	0	0	0	0	0	630[b]	0
McDonough	10	3	0	4	0	6,361	1,377
McLean	1	0	0	0	0	2,115	0
Macoupin	8	3	0	46	0	6,787	1,352
Madison	3	0	0	0	0	2,220	0
Marion	127	95	0	10,073	0	347,001	278,169
Monroe	3	3	0	50	0	1,415	1,415
Montgomery	15	1	0	22	0	18,739	602
Morgan	5	0	0	0	0	5,592	0
Moultrie	1	0	0	0	0	2,947	0
Perry	5	0	0	0	0	6,463	0
Pike	1	0	0	0	0	451	0
Pope	2	0	0	0	0	3,440	0
Randolph	7	0	0	0	0	6,934	0
Richland	99	68	0	31,283	0	293,288	198,154
St. Clair	38	27	0	2,441	0	28,488	18,552
Saline	13	2	0	92	0	36,759	6,142
Schuyler	1	0	0	0	0	735	0
Scott	1	0	0	0	0	1,050	0
Shelby	17	2	0	62	0	34,112	3,632
Vermilion	1	0	0	0	0	1,775	0
Wabash	356	285	1	35,271	1.6	662,371	510,013
Warren	1	0	0	0	0	538	0
Washington	69	43	0	3,658	0	101,968	64,519
Wayne	409	340	0	242,054	0	1,296,202	1,068,898
White	839	728	1	118,395	3.5	2,317,003	1,985,855
Whiteside	2	0	0	0	0	2,156	0
Williamson	10	0	0	0	0	23,527	0
	3,838	2,912	13	807,784	57.6	9,513,547	7,357,193

[a] Includes old wells deepened.
[b] Old well deepened.

Johnsonville field to Cisne field; 5 miles 6-in., West Clay City field to Cisne-Clay City line; 2 miles 4-in., Ste. Marie field to trunk line of Sohio Pipe Line Company.

Sohio Corporation.—33 miles 6-in., Benton field to Enfield Station, White County; 12½ miles 4-in., Dahlgren field to Hoodville Station, Hoodville field; 8½ miles 6-in., Salem field to Dix-Centralia line; 4½ miles 4-in., New Harmony Consolidated field to Indiana; 9½ miles 4-in., Omaha field to Storms field; 6-in. loop in line from Storms field to Indiana; 12 miles 4-in., Woodlawn field to Dix-Centralia line; 3½ miles 4-in., Burnt Prairie field to Enfield Station, White County; 9 miles 4-in. and 6-in., Albion field to Indiana; 16 miles 4-in., Mt. Carmel field to Lancaster Station, Wabash County; 7½ miles 3-in., Keensburg Consolidated field to Mt. Carmel field; 5.5 miles 4-in., Mill Shoals field to Boyleston-Barnhill line; 4 miles 4-in., Sailor Springs field to trunk line near Clay City, Ill.; 14 miles 4-in., Inman field to Indiana; 10 miles 4-in., and 8 miles 6-in. loop, Johnsonville field to Flora Station, Clay County.

Sun Pipe Line Co.—1½ miles 4-in., Rural Hill field to Benton-Enfield trunk line of the Illinois Pipe Line Co.; looped 4-in. line New Harmony Consolidated field to Centerville station.

Texas Pipe Line Co.—21 miles 6-in., Salem field to Woodlawn field; 5 miles 6-in., Johnsonville field to their Aden-Clay City line; 18 miles 6-in., Johnsonville field to Clay City station; 15 miles of proposed 6-in. line from Johnsonville field to Rural Hill field.

Toronto Pipe Line Co.—9 miles 6-in., Albion station to Griffin field, Ind.; 5 miles 4-in., New Harmony Consolidated to Griffin field, Indiana.

Western Pipe Line Co.—1½ miles 4-in., Centerville East field to Centerville station.

NATURAL GAS

Five Partners Gas Co.—2 miles 6-in., Albion field to Albion, Illinois.

Illinois Iowa Power Co.—8 miles 3-in., Midland City to Clinton, Ill.; 20 miles 3-in., Annawan to Galva, Ilinois.

Illinois Natural Gas Co.—47 miles 8-in., Peoria to Galesburg, Ill.; 10 miles 4-in.,

TABLE 8.—FIELDS WITH WELLS PRODUCING FROM MORE THAN ONE FORMATION

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations[a]
Clay City Consolidated	Clay, Wayne	8	1CB, 2AR, 5RM
Albion	Edwards	6	3BA, 1BM, 2BAM
Louden	Fayette, Effingham	187	101CP, 43CB, 14PB, 29CPB
Dale	Hamilton	9	1CB, 7BA, 1RM
Hoodville	Hamilton	33	33BA
Rural Hill	Hamilton	32	13AL, 5ALM, 6LM, 8AM
Salem	Marion	706	471BA, 231MS, 2BAM, 1AM, 1MD
Dundas Consolidated	Richland, Jasper	2	1AM, 1RM
Keensburg Consolidated	Wabash	8	2BiC, 3CB, 2BA, 1AM
Mt. Carmel	Wabash	10	2BiC, 2BiCM, 6CM
Irvington	Washington	1	1CB
Barnhill	Wayne	2	2RM
Boyleston	Wayne	1	1RM
Johnsonville	Wayne	2	2AM
Iron	White	3	1TC, 1TH, 1BM
New Harmony Consolidated	White	160	5CP, 1TPB, 30PB, 1TB, 7CBM, 7WCBA, 3CBAM, 1TCM, 2WC, 27CB, 28CBA, 2WA, 3TCA, 3TA, 1TCB, 4AM, 8BA, 1WB, 1TM, 1CM, 2WCBAM, 1WCB, 1CPM, 11CA, 2TC, 1CPB, 1BM, 1CPBAM, 1BiCA, 1PA, 1WM, 1WBM, 1RM
Roland	White	24	1WCA, 3CB, 7WB, 9WA, 1CBA, 1CA, 1WP, 1WCP
Mill Shoals	White, Hamilton	2	2AM
		1,196	

[a] Names of sands indicated as follows:

Bi, Biehl
W, Waltersburg
T, Tar Springs
H, Hardinsburg
C, Cypress
P, Paint Creek Stray
B, Bethel
A, Aux Vases
R, Rosiclare
M, McClosky
S, Salem
D, Devonian

Knoxville to Abingdon, Ill.; 14 miles 3-in., Lincoln to Midland City, Ill.; 6 miles 2-in., Atwood to Arthur, Illinois.

Kentucky Natural Gas Corporation.—14 miles 4-in., Indiana to Robinson, Ill.; 9 miles 2-in., Robinson to Oblong, Illinois.

Mississippi River Fuel Corporation.—10 miles 12-in. loops in line from Venice to Wood River, Illinois.

Natural Gas Pipeline Company of America.—127 miles 20-in., Geneseo station, Henry County to Wisconsin state boundary line.

Panhandle Eastern Pipe Line Co.—87 miles 24-in., loops in trunk line across Illinois.

No new refineries were constructed in Illinois during 1941, but the total refinery capacity was increased from 258,750 to 275,450 bbl.

During the year, 64.7 per cent of Illinois crude-oil production was sent to refineries in the Central refining district (Illinois, Indiana, Kentucky, Michigan, and western Ohio), 18.0 per cent to the Appalachian refining district (eastern Ohio, western New York, western Pennsylvania, and West Virginia), and 7.4 per cent to the Atlantic seaboard. For December 1941 the runs to stills in the Central and Appalachian refining districts were 26,653,000 bbl. Of this amount, Illinois production was 46.3 per cent. Stocks of crude petroleum on hand in Illinois on Dec. 31, 1941, were

TABLE 9.—POSTED PRICES FOR ILLINOIS CRUDE IN 1941

Field	Period Beginning					
	Aug. 21, 1940	Apr. 1, 1941	Apr. 10, 1941	Apr. 28, 1941	May 21, 1941	Dec. 31, 1941
Old fields	$1.00	$1.05	$1.07	$1.12	$1.22	$1.22
Central basin fields, Salem area, and Griffin area	1.15	1.20	1.22	1.27	1.37	1.37

18,280,000 bbl. as compared with 13,944,000 bbl. on Dec. 31, 1940. Stocks of refined products in the Central and Appalachian refining districts compared with the previous year are as follows:

Product	Dec. 31, 1941, Bbl.	Dec. 31, 1940, Bbl.
Gasoline	22,011,000	19,305,000
Gas oil and distillate fuel	4,763,000	3,629,000
Residual fuel oil	4,479,000	3,221,000

PRODUCTION OF NATURAL GAS

The amount of natural gas produced and marketed in Illinois during 1941 was 1,699,400,000 cu. ft. The amount marketed from each field is given in Table 10.

Eight new wells were drilled and one well was abandoned within proved territory in the Russellville gas field during 1941, bringing the total number of producing wells in the field to 48. The productive area of the Buchanan sand proved by drilling is 1600 acres, 20 acres more than in 1940. Six wells were completed in the Bridgeport sand at an average depth of 793 ft., and the top of the sand was encountered at an average depth of 760 ft. The initial production of the wells was of the order of 2,000,000 cu. ft. each. The productive area of the Bridgeport sand proved by drilling is 260 acres. There was no new development in the Ayers gas field, Bond County, during the year, and no wells were abandoned.

Natural gas production in the Louden pool for 1941 is estimated to be 13.7 billion cu. ft. The average daily production at the end of the year was approximately 36,000,000 cu. ft. Approximately 15,000,000 cu. ft. of gas is processed daily by Carter Oil Company's two repressuring plants, and 6,000,000 cu. ft. of residue gas is injected into the producing sands. Residue gas from the two plants is furnished also to the G. H. & G. Pipe Line Co. for the towns of St. Elmo and Brownstown, Ill., at the rate of 1,400,000 cu. ft. daily. The pipeline company also receives 61,600 cu. ft. of gas daily from a well in the Louden field, which is producing from a basal Pennsylvanian sandstone.

The production of natural gas in the Salem field for 1941 is estimated to be 35.4 billion cu. ft. At the end of the year the estimated daily production was 82,000,000 cu. ft. Of this amount 59,000,000 cu. ft. daily is processed by the natural-gasoline plants in the field. The Texas Company processes 30,000,000 cu. ft. daily; the Warren Petroleum Co., 16,000,000 and the Sunflower Natural Gasoline Co., 13,000,000 in its two plants. The Texas Company returns 4,000,000 cu. ft. of residue gas daily to the producing sands in its repressuring operation.

Residue gas from the Warren Petroleum Company's plant is supplied to Salem, Centralia and Mt. Vernon, Ill. This consump-

tion at the end of the year was approximately 1,000,000 cu. ft. daily. Centralia and Mt. Vernon began using the gas about Nov. 15, 1941.

The Centralia field produced an estimated 1.8 billion cu. ft. of gas during 1941. The decline in Devonian oil production in the field largely accounts for the decline in gas production during the past year. Daily average production of natural gas at the end of 1941 was estimated to be 4,000,000 cu. ft. Repressuring of the Cypress and Bethel sandstones has been carried on by two companies operating in the field. One of the two repressuring projects was shut down at the end of the year. A total of 180,000 cu. ft. of gas daily was injected in the producing formations when both were in operation.

Production of natural gas in the Storms field continued to decline in 1941. Daily average production at the end of the year was estimated to be 5,000,000 cu. ft. Production of natural gas for 1941 is estimated to be 2.2 billion cubic feet. Repressuring of the producing sand was begun by one of the companies operating in the field. A total of 120,000 cu. ft. of gas daily is being injected through one input well.

The Warren Petroleum Co. has started construction of a natural gasoline plant in the New Harmony Consolidated field, White County. The company proposes to take 20,000,000 cu. ft. of gas daily from the New Harmony Consolidated, Griffin (Indiana) and Keensburg Consolidated fields. The residue gas is to be returned to the producing sands through certain wells that now are producing oil. The daily natural-gas production in these three fields is estimated to be 25,000,000 cu. ft. Gas production during 1941 is estimated to have been 9 billion cubic feet.

Natural gas produced with the oil in the Albion pool, Edwards County, was marketed to brick-manufacturing plants at Albion, Ill., during part of 1941. Daily average production for the field at the end of 1941 was approximately 1,000,000 cu. ft. Production for the entire year is estimated to have been 44,000,000 cubic feet.

New fields and further extension of the productive acreage in older fields in the Central Basin area increased the production of natural gas in that area during 1941. This area includes 33,800 productive acres in Jasper, Richland, Clay, Wayne, northern Hamilton and northwestern White counties. The total production is estimated to have been 24.5 billion cu. ft. The new Johnsonville field, in Wayne County, accounts for more than one third of the natural gas produced from the entire area. The fields on the south and southwest margin of the Illinois Basin in southern Illinois produced an estimated total of 14.5 billion cu. ft. of gas in 1941. These include among others the more important gas-producing fields, such as Woodlawn, Jefferson County; Benton, Franklin County; Rural Hill, Hoodville, and Dale, Hamilton County.

Natural Gasoline, Butane and Propane

Natural gasoline is produced at 44 plants in the old southeastern field, with a total output of approximately 11,000 gal. daily; two plants in the Louden field, with a daily output of 40,000 gal., four plants in the Salem field, with an output of 113,000 gal. daily. According to the U. S. Bureau of Mines,* Illinois produced 55,077,000 gal. of natural gasoline in 1941. In January, the amount was 3,372,000 gal.; there was a steady increase to 6,209,000 gal. in December. More than 75,000,000 cu. ft. of gas produced with the oil in the Illinois fields is processed daily in natural gasoline plants. Construction of a natural gasoline plant by the Warren Petroleum Co. has begun in the New Harmony Consolidated field, White County, and the construction of a plant in the Hoodville field, Hamilton County is planned by the Texas Company.

Butane production in the Louden field plants is approximately 19,000 gal. daily, and in the Salem field 77,500 gal. daily. The production of propane is 13,000 gal. daily at Louden, and 34,400 gal. daily at Salem.

Secondary Recovery

Repressuring was continued of the Bethel and Aux Vases sandstones of the Chester series and the McClosky limestone of the lower Mississippian system in the Salem field. At the end of 1941 about 4,000,000 cu. ft. of "dry" gas was being injected daily into 53 gas-input wells; 85 sand faces are open in the 53 wells. Twenty-one new input wells were drilled in 1941.

Twenty gas-input wells were drilled in 1941 by the Carter Oil Co. for its repres-

* G. R. Hopkins, personal communication, February 1942.

TABLE 10.—NATURAL GAS IN ILLINOIS IN 1941

Field	County	Where Marketed	Amount Produced and Marketed, Cu. Ft.
Russellville gas	Lawrence	Lawrenceville, Bridgeport, Sumner and Olney, Ill. and Ind.	863,000,000
Ayers gas	Bond	Greenville, Ill.	13,400,000
Salem[a]	Marion	Salem, Centralia, and Mt. Vernon, Ill.	165,000,000
Louden[a]	Fayette	St. Elmo and Brownstown, Ill.	536,000,000
Albion[b]	Edwards	Albion, Ill.	122,000,000
Total Illinois			1,699,400,000

[a] Residue gas from natural gasoline plants.
[b] Used in brick plants only.

suring project in the Louden field. This brought the total to 83 input wells in the field as of the end of the year, injecting approximately 6,000,000 cu. ft. of "dry" gas daily into the Cypress, Paint Creek Stray and Bethel sandstones of the Chester series.

Repressuring the Cypress and Bethel sandstones in the Centralia field has been carried on by two of the operating companies in the field. Approximately 80,000 cu. ft. is injected daily into the Cypress sandstone through one input well and 100,000 cu. ft. daily into the Bethel sandstone through three input wells. The repressuring project for the Bethel sandstone was temporarily shut down at the end of the year. Gas is injected in the Waltersburg sandstone in the Storms field, through one of the former producing wells.

Little change took place in 1941 in the repressuring or water-flooding operations in the old fields. Ten new air and/or gas-input wells were added in Crawford County and six were abandoned. Twenty-five air-input wells were abandoned in the Carlyle pool when the properties involved in the repressuring project were sold.

LEGISLATION

An Act amending the general mining law of Illinois, which included the regulation of drilling wells in Illinois, was approved and in force July 15, 1941. The new law provides that permits to drill shall be issued by the Department of Mines and Minerals, Springfield, Ill., which also regulates spacing and plugging of wells, disposal of brine, repressuring, and other operations. Federal Conservation Order M68, restricting drilling to one well to 40 acres, in order to save steel, was issued Dec. 23, 1941, and has led to a considerable reduction of drilling in the state during the first three months of 1942.

ACKNOWLEDGMENTS

The writers are indebted to many companies and individuals who furnished data for this report. Dr. W. H. Easton, Mr. P. G. Luckhardt, and Mr. W. F. Meents, all of the Survey staff, assisted in the compilation of statistical data.

Table 11.—Wildcat Wells Drilled in 1941

No.	County	Location			Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbls.)	Field name of new discoveries and extensions	Date of completion
		Sec.	Twp.	Rge.						
1	Adams	12	2 S	8 W	901	St. Peter	C. Schachtsick, Reichart 1	Dry		5-20-41
2	Adams	11	2 S	8 W	775	St. Peter	Schachtsick—Dedith 1	Dry		8-26-41
3	Adams	21	1 S	6 W	690	"Trenton"	R. Hussong—Fee 1	Dry		12-9-41
4	Adams	11	2 S	6 W	970	St. Peter	Ohio Oil —W. Schwartz 1	Dry		12-30-41
5	Bond	7	4 N	2 W	2539	Devonian	W. S. Tatum—Andrews 1	Dry		3-4-41
6	Bond	1	4 N	4 W	1501	Ste. Genevieve	Haines & Jackson—Hunter 1	Dry		3-4-41
7	Bond	27	7 N	4 W	620	Pennsylvanian	Thomas Scharf et al—Calufetti 1	Dry		4-1-41
8	Bond	6	6 N	3 W	820	Pennsylvanian	Regent Oil Corp.—R. N. Harwood 1	Dry		4-29-41
9	Bond	34	7 N	2 W	1129	Ste. Genevieve	Bragassa—DeMoulin 1	Dry		6-17-41
10	Bond	36	7 N	4 W	847	Lower Chester	Regent Oil Co.—Wafer 1	Dry		7-1-41
11	Bond	15	6 N	2 W	2476	Devonian	Texas Co.—J. W. Mull 1	Dry		7-15-41
12	Bond	36	7 N	4 W	927	Chester	Regent Oil Co.—Harwood 2	Dry		7-29-41
13	Bond	11	4 N	2 W	1360	Bethel	D. Fox & M. Conray—J. Buchele 1	Dry		8-19-41
14	Bond	10	6 N	2 W	1207	Ste. Genevieve	A. J. Housman—E. Durr "A" 1	Dry		9-3-41
15	Bond	21	6 N	2 W	3206	"Trenton"	H. Schwarz & Shell—Studebaker 1	Dry		8-5-41
16	Bond	11	4 N	2 W	1389	Ste. Genevieve	Fox & Conray—Buchele 2	Dry		9-30-41
17	Bond	11	4 N	2 W	1264	Bethel	Fox & Conray—J. Elam 1	Dry		10-7-41
18	Bond	10	6 N	2 W	1027	Bethel	A. J. Housman—Durr "A" 2	13	Woburn[2]	10-21-41
19	Bond	11	4 N	2 W	1244	Bethel	Fox & Conray—Birkenstock 1	Dry		11-11-41
20	Bond	27	5 N	4 W	601	Pottsville	T. A. Booth—Mautz 1	Dry		11-18-41
21	Bureau	9	18 N	10 E	980	"Trenton"	J. A. Wall—J. Baird 1	Dry		2-4-41
22	Bureau	24	18 N	8 E	473	Silurian	F. E. Webb—Abrahams 2	Dry		5-6-41
23	Cass	9	17 N	8 W	501	Salem	E. J. Brown—Stribling 1	Dry		10-3-41
24	Champaign	18	17 N	11 E	1850	"Trenton"	Union Products Pet .Co.—Messman 1	Dry		5-20-41
25	Champaign	7	20 N	10 E	374	Devonian	Union Products Pet. Co.—L. Walters 1	Dry		6-17-41
26	Champaign	18	20 N	10 E	342	Silurian	Union Products Pet. Co.—James 1	Dry		7-1-41
27	Champaign	20	20 N	10 E	1400	"Trenton"	Union Products Pet. Co.—C. Kirby 1	Dry		6-17-41
28	Champaign	18	22 N	8 E	1404	"Trenton"	C. Robinson—Springer 1	Dry		10-28-41
29	Christian	24	12 N	1 W	2720	Devonian	Olson Drilling Co.—E. L. Tex 1	Dry		6-10-41
30	Christian	26	15 N	2 W	2016	Devonian	Marlow et al.—Howell 1	Dry		7-29-41
31	Christian	9	13 N	1 E	1225	Aux Vases	Lewis Marsch—Krall 1	Dry		8-26-41
32	Clark	8	10 N	14 W	640	Salem	N. Stewart—Wallace 1	Dry		4-15-41
33	Clark	31	11 N	13 W	1710	Carper	Sherritt et al—Jeffers 1	Dry		4-29-41
34	Clark	29	11 N	13 W	760	L. Mississippian	B. Spencer et al—Sharpe 1	Dry		5-20-41
35	Clark	23	12 N	14 W	1521	Devonian	Verlin-Pinnell—Tyler 2	Dry		8-12-41
36	Clark	1	9 N	14 W	1687	Devonian	Swan-King—L. Claypool 1	Dry		12-16-41
37	Clay	22	4 N	8 E	3119	Ste. Genevieve	C. L. Maddux—Levitt 1	Dry		1-6-41
38	Clay	9	4 N	5 E	2750	Ste. Genevieve	Warren & Bradshaw—Crews Estate 1	Dry		3-18-41
39	Clay	17	5 N	5 E	2397	Aux Vaxes	A. R. Madden—Ging 1	100	Iola[2]	4-22-41
40	Clay	26	4 N	7 E	2341	Tar Springs	C. Robinson et al.—Tolliver 1	292	Sailor Springs	6-3-41
41	Clay	5	5 N	5 E	2560	Ste. Genevieve	Kilpatrick—Irwin 1	Dry		7-1-41
42	Clay	15	3 N	7 E	2610	Tar Springs	Schulman Bros.—Ross 1	Dry		7-22-41
43	Clay	25	5 N	8 E	3157	St. Louis	Speed et al—Dennis Weber Heirs 1	Dry		7-29-41
44	Clay	34	4 N	7 E	2610	Cypress	W. C. McBride, Inc.—M. Drake 1	48	Sailor Springs[2]	8-26-41
45	Clay	23	4 N	8 E	3150	McClosky	Delta Producing Co.—N. Crackel 1	Dry		8-19-41
46	Clay	20	3 N	8 E	2899	Weiler & Bethel	Rock Hill Oil Co.—J. W. Doff 1	107	Clay City Cons.[2]	9-23-41
47	Clay	18	3 N	5 E	2896	McClosky	Myers & Nelson—Newton 1	Dry		9-9-41
48	Clay	35	4 N	7 E	2323	Tar Springs	B. F. Williams—Keck 1	57	Sailor Springs[2]	9-23-41
49	Clay	18	4 N	8 E	3014	Ste. Genevieve	C. Robinson—H. E. Ditter 1	Dry		9-23-41
50	Clay	26	4 N	5 E	2838	Ste. Genevieve	Lain Oil & Gas—Aldrich 1	Dry		10-28-41

TABLE 11.—*Continued*

No.	County	Location			Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbls.)	Field name of new discoveries and extensions	Date of completion
		Sec.	Twp.	Rge.						
51	Clay	36	4 N	7 E	2319	Tar Springs	G. Scott—J. A. Rodgers 1	20	Sailor Springs[2]	10-7-41
52	Clay	17	4 N	8 E	3044	McClosky	C. Robinson—J. Coggan 1	Dry		10-7-41
53	Clay	4	2 N	5 E	2806	Aux Vases	Carter Oil—A. M. Keller 1	44	Xenia	11-25-41
54	Clay	1	4 N	8 E	3135	Ste. Genevieve	Walsh-Dye et al—Rudolphi 1	Dry		11-4-41
55	Clay	36	5 N	7 E	3036	St. Louis	Longhorn & Mabee Drilling Cos.—J. Harmon 1	Dry		11-18-41
56	Clay	10	2 N	7 E	3083	McClosky	B. F. Williams—M. E. Nolan 1	3608	Clay City West	12-9-41
57	Clay	6	3 N	7 E	3113	St. Louis	Kingwood et al—O. H. Coggin 1	Dry		12-30-41
58	Clay	28	3 N	7 E	3085	Ste. Genevieve	A. H. Gibson—Harter 1	Dry		12-22-41
59	Clay	12	4 N	7 E	3066	St. Louis	Gulf Refining—R. Hastings 1	Dry		12-16-41
60	Clinton	15	1 N	1 W	1531	Aux Vases	A. R. Venuto—J. P. Taylor 1	Dry		1-28-41
61	Clinton	23	1 N	1 W	1456	Bethel	Holmes et al—Cooksey 1	Dry		1-7-41
62	Clinton	22	1 N	3 W	1202	Bethel	A. C. Niehoff et al—H. Maddux 1	Dry		2-4-41
63	Clinton	24	2 N	1 W	1605	Bethel	Williams et al—Thomas Estate 1	Dry		1-7-41
64	Clinton	1	2 N	2 W	1284	Bethel	R. Bartimus—Reed 1	Dry		3-4-41
65	Clinton	16	1 N	2 W	1110	Weiler	J. F. Ashoff—Lampen 1	29	Posey	4-1-41
66	Clinton	14	1 N	1 W	1452	Bethel	Kreigh et al—Phoenix 1	Dry		4-29-41
67	Clinton	8	1 N	2 W	1274	Bethel	Union Pipeline—Twenhafel 1	Dry		4-15-41
68	Clinton	9	1 N	2 W	1558	St. Louis	B. E. Martin—W. Brinkmann 1	Dry		4-15-41
69	Clinton	25	1 N	3 W	1140	Bethel	Strawser et al—B. Winkler 1	Dry		4-22-41
70	Clinton	27	3 N	1 W	2871	Devonian	Obering et al—Yantis 1	Dry		4-8-41
71	Clinton	21	3 N	2 W	1426	Ste. Genevieve	P. J. Campbell et al—S. Baum 1	Dry		4-15-41
72	Clinton	23	1 N	1 W	1410	Cypress	W. R. Holmes—Vogt 1	Dry		5-20-41
73	Clinton	18	1 N	2 W	1392	Bethel	Benoist et al—C. Curtis 1	Dry		5-6-41
74	Clinton	18	1 N	2 W	1350	Bethel	Max Conray—Maschhoff 1	Dry		5-20-41
75	Clinton	23	1 N	4 W	1090	Bethel	A. Niehoff et al—B. Fehrmann 1	Dry		5-13-41
76	Clinton	4	2 N	1 W	1434	Bethel	B. E. Martin—L. Heinzman 1	Dry		6-3-41
77	Clinton	27	2 N	1 W	1405	Paint Creek	Wilson—Lippert 1	Dry		5-13-41
78	Clinton	17	3 N	1 W	1390	Bethel	Jahns Oil Co.—D. Sanders 1	Dry		5-27-41
79	Clinton	19	1 N	1 W	1610	Ste. Genevieve	Trio Oil Co.—Palsmeyer 1	Dry		6-10-41
80	Clinton	28	2 N	1 W	1577	L. Mississippian	Wiser Oil Co.—Rausch 1	Dry		7-1-41
81	Clinton	9	1 N	2 W	1155	Cypress	Ross Drilling Co.—Vogel 1	Dry		7-29-41
82	Clinton	2	1 N	3 W	1340	Bethel	T. R. Kerwin et al—M. Glaser 1	Dry		7-15-41
83	Clinton	22	1 N	5 W	3217	"Trenton"	A. W. Gerson et al—H. Billhart 1	Dry		8-5-41
84	Clinton	10	2 N	1 W	1460	Bethel	Hughes Petroleum Corp.—B. Hohman 2	Dry		8-12-41
85	Clinton	11	2 N	3 W	1088	Cypress	V. Thompson—Deters 1	Dry		8-26-41
86	Clinton	25	3 N	2 W	1305	Bethel	Lewis, Lilly & Hutchings—Shepperd 1	Dry		9-23-41
87	Clinton	35	3 N	2 W	2655	Devonian	Texas Co.—P. Gray 1	17[1]	Boulder	9-30-41
88	Clinton	36	3 N	2 W	1245	Bethel	P. Doran—Kell 1	Dry		9-23-41
89	Clinton	36	3 N	2 W	1325	Renault	J. B. Finley et al—Bennett 1	Dry		9-30-41
90	Clinton	16	1 N	2 W	1106	Cypress	Browning & Jahns—Lampen 1-A	Dry		10-28-41
91	Clinton	20	2 N	1 W	1500	Bethel	Kerwin et al—Schlafly Farm 1	Dry		11-25-41
92	Clinton	32	3 N	2 W	1236	Bethel	J. Darnell et al—H. A. Beckemeyer 1	Dry		11-25-41
93	Clinton	25	3 N	3 W	1080	Weiler	J. Darnell—F. W. Beckmeyer 1	Dry		11-18-41
94	Coles	33	14 N	10 E	1143	Devonian	Allen & Sherritt—Taylor 1	Dry		3-11-41
95	Coles	33	14 N	10 E	245	Pennsylvanian	W. Thomas—S. P. Taylor 2	Dry		10-14-41
96	Coles	16	11 N	7 E	2355	Ste. Genevieve	B. F. Williams—Alexander 1	Dry		12-2-41
97	Coles	20	13 N	14 W	722	Osage	Eastern Ill. Oil—L. L. Hallock 1	Dry		11-18-41
98	Coles	28	13 N	14 W	455	Tar Springs	A. M. Meyers—Ashmore 1	Dry		11-18-41
99	Coles	2	13 N	7 E	1842	Aux Vases	Carter Oil—W. H. Haybrook 1	30	Cook's Mills	12-9-41
100	Coles	13	13 N	10 E	945	Devonian	Olen Humphres—Fee 1	Dry		12-9-41

101	Crawford	23	7 N	13 W	2006	Salem	J. Stelle—M. S. Davis 1	Dry		5-27-41
102	Crawford	7	5 N	11 W	1395	Pennsylvanian	Fuller—Jones 1	Dry		7-29-41
103	Douglas	26	15 N	7 E	850	Chester	Pogue et al—Owens 1	Dry		4-15-41
104	Douglas	33	16 N	9 E	700	Devonian	Ill. Mid-Continent—J. Bragg 1	Dry		10-28-41
105	DuPage	2	40 N	9 E	1175	Franconia	I.C.R. Syndicate—Bartlett Village 1	Dry		12-30-41
106	Edgar	11	12 N	11 W	1205	Salem	Levy et al—Cockroft 1	Dry		5-20-41
107	Edgar	13	12 N	14 W	450	Ste. Genevieve	R. Brown—Redman 1	Dry		5-27-41
108	Edgar	14	12 N	14 W	360	Basal Pennsylvanian	R. Brown—Kirkham 1	Dry		7-1-41
109	Edgar	14	12 N	14 W	407	Pennsylvanian	Monarch Oil Co.—Pinnell 1	Dry		7-29-41
110	Edgar	14	12 N	14 W	590	Pennsylvanian	Meyers—Courtney 1	1[1, 3]		7-29-41
111	Edgar	14	12 N	14 W	390	Pennsylvanian	Zink et al—Hunt 1	Dry		7-29-41
112	Edgar	14	12 N	14 W	360	Pennsylvanian	E. Zink et al—Kirkham 1	10[3]		6-17-41
113	Edgar	19	15 N	13 W	960	Devonian	Vestern Leonard—E. Baker 1	Dry		9-30-41
114	Edgar	14	12 N	14 W	130	Pennsylvanian	R. H. Pogue—J. P. Honnold 1	Dry		12-9-41
115	Edwards	12	1 S	10 E	3407	St. Louis	Wall & Mitchell—Stewart 1	Dry		1-7-41
116	Edwards	13	1 S	10 E	3325	McClosky	Tide Water Assoc. Oil Co.—Gawthorp 1	46	Bone Gap	2-4-41
117	Edwards	4	1 S	14 W	3155	St. Louis	R. Powers et al—Strauss 1	Dry		3-4-41
118	Edwards	1	2 S	10 E	2900	Weiler	Baines—Hodgson 1	Dry		2-11-41
119	Edwards	9	3 S	14 W	1867	Biehl	Rife—Broster 1	Dry		2-25-41
120	Edwards	3	1 N	14 W	3125	Ste. Genevieve	Seaboard Oil—Bradham 1	Dry		3-11-41
121	Edwards	19	2 S	10 E	3351	McClosky	R. B. Martin—Lester 1	62	Ellery	5-20-41
122	Edwards	5	2 S	14 W	3150	Ste. Genevieve	National Pet. et al—Crackle Heirs 1	Dry		8-5-41
123	Edwards	31	1 N	11 E	3299	St. Louis	M. K. Menefee—McDowell 1	Dry		10-28-41
124	Edwards	31	2 N	14 W	3123	McClosky	Central Pipe Line—Kent-Stremme 1	1167	Parkersburg[2]	10-28-41
125	Edwards	17	3 S	14 W	3169	Ste. Genevieve	H. Riddle—M. K. Toops 1	Dry		10-14-41
126	Edwards	32	1 N	14 W	3240	Ste. Genevieve	Seaboard Oil—Nelson 1	Dry		11-4-41
127	Edwards	7	3 S	10 E	3092	Bethel	Mabee Drilling—Smith 1	Dry		11-18-41
128	Edwards	13	1 S	10 E	3205	McClosky	Tide Water Assoc. Oil—Providence Mutual 1	86	Bone Gap[2]	12-16-41
129	Effingham	5	8 N	4 E	1668	Bethel	C. L. Ervin—Anderson 1	Dry		1-21-41
130	Effingham	18	8 N	4 E	1686	Bethel	C. L. Ervin—Patterson 1	Dry		1-7-41
131	Effingham	19	9 N	4 E	2025	St. Louis	Carter Oil—N. J. Richards 1	Dry		3-18-41
132	Effingham	27	6 N	5 E	2302	Bethel	Lynch & Janson—J. Burk 1	175	Mason[2]	6-10-41
133	Effingham	16	8 N	6 E	2551	St. Louis	P. Doran—Dasenbrock 1	Dry		6-24-41
134	Effingham	7	8 N	4 E	1562	Weiler	Carter Oil—R. Workman 1	Dry		9-3-41
135	Effingham	31	9 N	4 E	1694	Bethel	Carter Oil—J. N. Temmery 1	Dry		8-19-41
136	Effingham	34	9 N	4 E	1645	Bethel	A. Day—J. Hogue 1	Dry		12-2-41
137	Fayette	9	4 N	1 W	1703	Ste. Genevieve	Allied Oil & Youngblood—R. Walker 1	Dry		1-7-41
138	Fayette	13	4 N	1 W	3056	Devonian	Angelo-Twelve Oil Co.—Oates 1	Dry		1-14-41
139	Fayette	22	5 N	1 E	1904	Ste. Genevieve	National Petroleum Co.—Heckathorn 1	Dry		1-14-41
140	Fayette	7	5 N	3 E	1935	Ste. Genevieve	Turner—Pruett 1	Dry		1-14-51
141	Fayette	29	8 N	2 E	1760	Bethel	Brown—Lockhard 1	Dry		1-14-41
142	Fayette	15	4 N	1 W	1735	St. Louis	Allied et al—Bonnel 1	Dry		2-25-41
143	Fayette	25	5 N	4 E	2685	St. Louis	J. H. Foster —Soldner 1	Dry		2-18-41
144	Fayette	36	5 N	2 E	2194	St. Louis	P. Holleman—Kruse 1	Dry		3-18-41
145	Fayette	33	8 N	1 W	1507	Bethel	Pummill—Isbell 1	Dry		3-25-41
146	Fayette	18	6 N	3 E	1650	Weiler	Texas Co.—R. A. Helm 1	Dry		4-8-41
147	Fayette	19	7 N	1 W	1328	Bethel	H. F. Robison et al—Roe 1	Dry		4-8-41
148	Fayette	3	4 N	1 W	1683	Ste. Genevieve	Allied & Youngblood—Mueller 1	Dry		5-6-41
149	Fayette	29	5 N	1 W	1554	Ste. Genevieve	T. A. Booth et al—Kern 1	Dry		5-20-41
150	Fayette	30	5 N	3 E	2168	Ste. Genevieve	Kingwood et al—Torbeck 1	Dry		5-6-41
151	Fayette	3	5 N	3 E	2010	Bethel	Bremo Developing Co.—Mahan 1	Dry		7-1-41
152	Fayette	23	5 N	2 E	2200	McClosky	Sun Ray Oil Co.—Boye 1	Dry		7-15-41
153	Fayette	4	8 N	3 E	1417	Glen Dean	Penn-Illinois Oil & Gas—Sloan 1	Dry		7-22-41
154	Fayette	21	4 N	1 W	1544	Ste. Genevieve	F. Bridges—C. Fiscus 1	Dry		8-5-41
155	Fayette	18	6 N	1 W	1662	L. Mississippian	J. T. Elmore—Keith 1	Dry		8-26-41
156	Fayette	36	9 N	1 W	2933	Devonian ls.	Fryer & Ratcliff Drilling Co.—Halford 1	Dry		9-30-41
157	Fayette	26	4 N	1 W	1469	Bethel	Booth & Booth—Defend 1	Dry		10-21-41
158	Fayette	31	5 N	3 E	1891	Bethel	Luttrell—Ford 1	41	St. Paul	10-14-41
159	Fayette	24	7 N	1 E	2033	St. Louis	W. N. Brown—Radliff 1	Dry		12-2-41
160	Fayette	36	5 N	1 E	2060	Ste. Genevieve	H. B. Haas et al—H. Knecht 1	Dry		12-9-41

TABLE 11.—*Continued*

No.	County	Location			Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbls.)	Field name of new discoveries and extensions	Date of completion
		Sec.	Twp.	Rge.						
161	Franklin	13	6 S	2 E	2220	Tar Springs	Taylor Drilling Co.—Malkey Heirs 1	Dry		2-4-41
162	Franklin	24	6 S	2 E	2148	Tar Springs	Adkins—Orient Coal Co. 1	374	Benton	1-21-41
163	Franklin	19	6 S	3 E	2289	Glen Dean	Wegener—C.W.&F. Coal Co. 1	Dry		1-28-41
164	Franklin	36	7 S	4 E	3220	Ste. Genevieve	Helmerick & Payne—P. M. Marvel 1	Dry		1-21-41
165	Franklin	14	7 S	1 E	950	Pennsylvanian	E. L. Shoudy—Ziegler Coal Co. 1	Dry		2-18-41
166	Franklin	12	7 S	2 E	2080	Tar Springs	E. S. Adkins—Orient Coal Co. 1-B	31	West Frankfort	2-25-41
167	Franklin	34	7 S	4 E	3193	Ste. Genevieve	Vandenbark—Guaranty Co. 1	Dry		3-4-41
168	Franklin	21	6 S	1 E	2925	Ste. Genevieve	L & W Drilling Co.—Plumlee 1	Dry		4-1-41
169	Franklin	36	6 S	2 E	2163	Tar Springs	W. O. Morgan—J. P. Minior 1	912	Benton[2]	4-22-41
170	Franklin	8	6 S	3 E	3110	Ste. Genevieve	Bay Oil Co.—Franklin County Coal Co. 1	Dry		4-29-41
171	Franklin	16	5 S	4 E	3314	St. Louis	Yingling et al—C. Webb 1	Dry		5-20-41
172	Franklin	29	6 S	2 E	2831	Ste. Genevieve	Adkins—Old Ben Coal "H" 1	Dry		5-6-41
173	Franklin	16	6 S	4 E	3089	Aux Vases	Shiek & Buerkle—Akin 1	Dry		5-27-41
174	Franklin	36	7 S	2 E	3053	Ste. Genevieve	E. S. Adkins—Old Ben Coal "F" 1	Dry		6-10-41
175	Franklin	14	6 S	2 E	3021	Ste. Genevieve	Smokey—Moore 1	Dry		7-22-41
176	Franklin	1	7 S	2 E	2150	Tar Springs	D. Margrave—Bethel Church 1	Dry		7-15-41
177	Franklin	17	6 S	3 E	2222	Tar Springs	Bay Oil Co.—D. Johnston 1	Dry		7-8-41
178	Franklin	12	5 S	3 E	3292	McClosky	Burhans (Yingling & Hayes)—Viehe 1	Dry		8-5-41
179	Franklin	28	5 S	3 E	3050	McClosky	Graddy & Daniel—Fitzgerrell 1	Dry		9-16-41
180	Franklin	11	6 S	2 E	2794	Rosiclare	Mohawk Drilling Co.—S. Stuart 1	380	Benton North	9-16-41
181	Franklin	28	5 S	1 E	2961	St. Louis	Carter Oil—Evan Sherriff 1	Dry		10-21-41
182	Franklin	9	5 S	3 E	3091	St. Louis	Jungbecker et al—Mitchell 1	Dry		10-21-41
183	Franklin	1	6 S	2 E	2623	Paint Creek	Oil Carriers—Casper 1	240	Benton North[2]	10-7-41
184	Franklin	5	6 S	2 E	2988	Ste. Genevieve	F. McQuigg—Old Ben Coal 1	Dry		10-7-41
185	Franklin	20	6 S	4 E	3265	Ste. Genevieve	Carter Oil—U. S. Coal & Coke 1	Dry		10-28-41
186	Franklin	34	7 S	2 E	2827	Ste. Genevieve	G. Daly—Collins 1	Dry		10-14-41
187	Franklin	15	5 S	1 E	3016	St. Louis	Schlafly—Provart 1	Dry		11-11-41
188	Franklin	25	5 S	4 E	3347	Ste. Genevieve	Eason Oil—U. S. Fuel 1	Dry		11-4-41
189	Franklin	28	7 S	1 E	2741	Ste. Genevieve	Oil Carriers—Franklin County Coal 1	Dry		11-11-41
190	Franklin	19	7 S	2 E	2823	Ste. Genevieve	Bell & Zoller—Zeigler Coal & Coke 1	Dry		12-2-41
191	Franklin	21	7 S	3 E	2955	Ste. Genevieve	Adkins—Ice 1	Dry		12-2-41
192	Franklin	5	5 S	2 E	2953	Ste. Genevieve	E. S. Adkins—Old Ben Coal "L" 1	Dry		12-30-41
193	Franklin	25	5 S	2 E	2860	Ste. Genevieve	Adkins—H. Taylor 1	Dry		12-22-41
194	Franklin	30	6 S	1 E	2830	Ste. Genevieve	J. W. Menhall—V. Horn 1	Dry		12-22-41
195	Fulton	14	7 N	1 E	1005	"Trenton"	Lee Twp. Oil Co.—Quigle 1	Dry		3-11-41
196	Fulton	11	7 N	1 E	955	"Trenton"	Lee Twp. Oil Co.—R. Walker 1	Dry		5-13-41
197	Gallatin	14	8 S	8 E	3048	St. Louis	Duncan & Lester—E. A. Green 1	Dry		4-15-41
198	Gallatin	24	8 S	9 E	1955	Menard	Fitzgerell—Doherty 1	Dry		4-29-41
199	Gallatin	9	8 S	10 E	2118	Tar Springs	Homburg et al—Hughes 1	Dry		6-3-41
200	Gallatin	4	9 S	8 E	2375	Weiler	Arrow Drilling Co.—John Hancock Ins. Co. 1	Dry		5-13-41
201	Gallatin	16	9 S	10 E	2810	Ste. Genevieve	R. B. Martin et al—Clayton 1	Dry		5-27-41
202	Gallatin	2	8 S	9 E	3020	McClosky	Blackstock et al—Cox 1	40	Inman North	7-15-41
203	Gallatin	9	8 S	9 E	2881	Renault	Ryan Oil Co.—Crunk 1	Dry		7-22-41
204	Gallatin	10	8 S	10 E	2841	Ste. Genevieve	Vandenbark—Browning 1	Dry		7-15-41
205	Gallatin	18	9 S	8 E	2611	McClosky	Crum & Turner—Muenstreman 1	Dry		7-29-41
206	Gallatin	16	8 S	8 E	505	Pennsylvanian	C. Wilson—Rogers 1	Dry		9-3-41
207	Gallatin	26	8 S	10 E	3047	St. Louis	R. B. Martin—Agnew 1	Dry		8-19-41
208	Gallatin	7	9 S	8 E	565	Pennsylvanian	Wall et al—Mossman 1	Dry		8-5-41
209	Gallatin	35	7 S	9 E	3042	McClosky	N. V. Duncan—Greer 1	Dry		9-23-41
210	Gallatin	21	8 S	9 E	2970	McClosky	Sinclair Oil—Schmitt 1	Dry		10-14-41

211	Gallatin	28	8 S	9 E	2992	McClosky	Delta Drilling—Minier 1	Dry			10-14-41
212	Gallatin	21	7 S	8 E	3120	St. Louis	Carter Oil—H. D. Whipple 1	Dry			12-16-41
213	Greene	4	10 N	11 W	570	Pennsylvanian	Scroggin—McVay 1	Dry			6-3-41
214	Hamilton	34	3 S	5 E	3359	McClosky	D. Duncan—Zeller 1	132	Dahlgren		1-14-41
215	Hamilton	35	3 S	5 E	3489	St. Louis	Exchange Oil Co.—E. Silliman "A" 1	Dry			2-4-41
216	Hamilton	13	5 S	5 E	3567	Ste. Genevieve	H. E. Ledbetter—D. Hunt 1	Dry			1-7-41
217	Hamilton	36	6 S	7 E	3295	Ste. Genevieve	R. B. Martin—McKenzie 1	Dry			3-4-41
218	Hamilton	31	6 S	6 E	3433	St. Louis	Kingwood Oil Co.—Lasswell 1	Dry			1-14-41
219	Hamilton	26	4 S	7 E	3290	Aux Vases	Woodriver Development Co.—Walker 1	25	Bungay		3-4-41
220	Hamilton	1	4 S	6 E	3450	Ste. Genevieve	Wickwire & Powers—Patterson 1	Dry			4-15-41
221	Hamilton	17	7 S	6 E	3266	Ste. Genevieve	E. S. Adkins—Federal Chem. & Coke Co. 1	Dry			4-22-41
222	Hamilton	2	4 S	6 E	3461	Ste. Genevieve	Eason Oil Co.—H. C. Little 1	Dry			5-20-41
223	Hamilton	27	6 S	6 E	3315	Ste. Genevieve	Youngblood—Johnson 1	Dry			5-6-41
224	Hamilton	17	7 S	6 E	3344	St. Louis	E. S. Adkins—Fed. Chem. & Coke Co. 2	Dry			5-13-41
225	Hamilton	33	3 S	5 E	3385	Ste. Genevieve	D.-P. Oil Co.—C. D. Miller 1	Dry			6-10-41
226	Hamilton	32	3 S	5 E	3446	Ste. Genevieve	H. H. Weinert, Inc.—Clark 1	Dry			6-17-41
227	Hamilton	11	6 S	6 E	3078	Aux Vases	Texas Co.—E. McDonald 1	106	Hoodville[2]		6-24-41
228	Hamilton	26	6 S	6 E	3193	Aux Vases	J. Chevigny—H. H. Phillips 1	53	Walpole		7-1-41
229	Hamilton	28	6 S	7 E	3332	McClosky	Ryan Oil Co.—Hunt 1	Dry			6-24-41
230	Hamilton	19	4 S	5 E	3520	St. Louis	Mid-Sun Oil Corp.—M. Hall 1	Dry			7-8-41
231	Hamilton	3	5 S	7 E	3587	McClosky	Ohio Oil Co.—First Nat'l Bank 1	Dry			7-15-41
232	Hamilton	27	6 S	6 E	3080	Aux Vases	Texas Co.—J. Shasteen 1	161	Walpole[2]		7-8-41
233	Hamilton	12	6 S	5 E	3194	Levias	Shell Oil Co.—Ventrees 1	794	Rural Hill		8-5-41
234	Hamilton	22	6 S	6 E	3355	McClosky	Texas Co.—A. G. Johnson 1	Dry			8-5-41
235	Hamilton	6	6 S	5 E	3490	McClosky	J. J. Callahan—Ulrich 1	Dry			9-16-41
236	Hamilton	24	3 S	7 E	3252	Aux Vases	Cherry & Kidd—R. E. Gardner 1	125	Mill Shoals		10-21-41
237	Hamilton	18	6 S	6 E	3342	McClosky	Smokey Oil—J. D. Cluck 1	Dry			10-7-41
238	Hamilton	3	4 S	5 E	3596	Ste. Genevieve	Ohio Oil—R. W. Aydt 1	Dry			11-4-41
239	Hamilton	29	4 S	6 E	3525	Ste. Genevieve	Ryan Oil & Refining—Mitchell 1	Dry			12-2-41
240	Hamilton	5	5 S	5 E	3463	Ste. Genevieve	A. J. Hammer—H. E. Seel 1	Dry			11-25-41
241	Hamilton	22	5 S	5 E	3527	Ste. Genevieve	Mid-Sun Oil Corp.—Hoffman 1	Dry			11-18-41
242	Hamilton	3	5 S	6 E	3594	Ste. Genevieve	Kingwood Oil—C. Johnson 1	Dry			12-2-41
243	Hamilton	29	4 S	5 E	3478	Ste. Genevieve	J. L. Youngblood et al—L. Thompson 1	Dry			12-30-41
244	Hamilton	36	4 S	5 E	3541	St. Louis	Mid-Sun Oil Corp.—Dageler 1	Dry			12-9-41
245	Hamilton	22	5 S	7 E	3582	Ste. Genevieve	Zephyr Drilling—Stephens 1	Dry			12-30-41
246	Hamilton	12	6 S	5 E	3419	Ste. Genevieve	Sun Oil —G. Moss 1	Dry			12-9-41
247	Hamilton	15	6 S	5 E	3394	Ste. Genevieve	G. C. Curtis—C. Foster 1	Dry			12-30-41
248	Hancock	28	4 N	5 W	2085	Dresbach	Sam Tate et al—Rice 1	Dry			4-29-41
249	Jackson	9	8 S	3 W	3893	"Trenton"	Magnolia Pet. Co.—Smith Heirs 1	Dry			1-21-41
250	Jackson	18	9 S	3 W	1250	L. Mississippian	W. R. White—Ralph Dean 1	Dry			2-18-41
251	Jackson	22	7 S	1 W	2028	Bethel	Wiser Oil—Overholt 1	5	Elkville		6-10-41
252	Jackson	9	8 S	1 W	2330	Ste. Genevieve	C. Mercer et al—P. Williams 1	Dry			9-3-41
253	Jackson	20	9 S	3 W	1850	Salem	Barton & Shipman—Maharry 1	Dry			9-3-41
254	Jackson	33	7 S	1 W	2319	Ste. Genevieve	W. E. Skeels et al—P. Williams Estate 1	Dry			9-23-41
255	Jackson	9	7 S	1 W	2373	Ste. Genevieve	E. S. Adkins—Parrish 1	Dry			11-18-41
256	Jackson	36	7 S	2 W	2015	Aux Vases	Glenwood Oil—Truax-Traer Coal 1	Dry			12-2-41
257	Jasper	9	8 N	10 E	2557	St. Louis	Johnson Oil & Refining Co.—J. Huddleston 1	Dry			1-28-41
258	Jasper	6	5 N	10 E	2902	Ste. Genevieve	C. Buerkle—Payne 1	Dry			3-18-41
259	Jasper	23	6 N	10 E	2893	Ste. Genevieve	Pure Oil Co.—Ochs "A" 1	Dry			3-11-41
260	Jasper	1	6 N	9 E	2973	St. Louis	Conner & Arnold—First Nat'l Bank 1	Dry			4-29-41
261	Jasper	9	6 N	10 E	2829	McClosky	Lain Oil & Gas Co.—C. E. Henry "B" 1	273	North Boos[2]		5-6-14
262	Jasper	36	7 N	10 E	2720	Ste. Genevieve	J. Gordon—Snyder 1	Dry			7-22-41
263	Jasper	11	6 N	10 E	2750	Ste. Genevieve	Pure Oil Co.—Wagner Consolidated 1	Dry			8-26-41
264	Jasper	15	6 N	9 E	3131	St. Louis	Sinclair-Wyoming—B. M. Freeman 1	Dry			9-30-41
265	Jasper	16	5 N	8 E	3144	Ste. Genevieve	Great Lakes Drilling — D. Douthit 1	Dry			10-14-41
266	Jasper	5	5 N	14 W	2935	McClosky	Craft & Powers—C. Wade 1	500	Ste. Marie		11-25-41
267	Jasper	18	5 N	14 W	3053	St. Louis	F. Jablonski et al—H. C. Fischer 1	Dry			12-30-41
268	Jefferson	15	2 S	1 E	2313	Ste. Genevieve	W. Lewis—German 1	Dry			2-4-41
269	Jefferson	29	3 S	3 E	2865	Ste. Genevieve	Whisenant & Trenchard—Grant 1	Dry			2-4-41
270	Jefferson	22	1 S	2 E	1938	Bethel	L & W Drilling Co.—C. O. Sargent 1	63	Dix		5-27-41

TABLE 11.—*Continued*

No.	County	Location			Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbls.)	Field name of new discoveries and extensions	Date of completion
		Sec.	Twp.	Rge.						
271	Jefferson	3	1 S	1 E	2180	Aux Vases	Wiser Oil Co.—Hort Heirs 1	Dry		7-1-41
272	Jefferson	21	1 S	2 E	2265	Ste. Genevieve	C. C. Nye—Mooney 1	Dry		6-24-41
273	Jefferson	17	2 S	1 E	2278	St. Louis	Kingwood Oil Co.—Landis 1	Dry		6-17-41
274	Jefferson	20	1 S	4 E	2886	St. Louis	Kingwood Oil Co.—Sledge 1	Dry		7-22-41
275	Jefferson	35	2 S	1 E	1978	Bethel	Kingwood Oil Co.—First Nat'l Bank 1	961	Woodlawn	7-22-41
276	Jefferson	35	4 S	3 E	3122	Ste. Genevieve	Yingling & Hayes—Murphy-Pearce 1	Dry		7-22-41
277	Jefferson	12	1 S	1 E	2166	Bethel	I. J. Vawder—R. W. Oldham 1	Dry		8-5-41
278	Jefferson	4	3 S	1 E	2354	Ste. Genevieve	Brehm Enterprise—G. Pieszehalski 1	Dry		8-26-41
279	Jefferson	26	4 S	2 E	3057	St. Louis	Gulf—S. Reynolds 1	Dry		8-5-41
280	Jefferson	25	2 S	4 E	3248	St. Louis	Bell Bros.—C. Osborn 1	Dry		9-16-41
281	Jefferson	16	3 S	1 E	2426	McClosky	Eason Oil—Gilbert 1	Dry		9-30-41
282	Jefferson	6	3 S	2 E	501	Pennsylvanian	Redwine & Blalock & Walters—Howe 1	Dry		9-30-41
283	Jefferson	6	3 S	2 E	1750	Menard	N. Redwine & Winn—C. F. Blankenship 1	Dry		9-30-41
284	Jefferson	18	3 S	2 E	1947	Glen Dean	A. Hutchings—M. S. Gilman 1	Dry		9-9-41
285	Jefferson	26	2 S	3 E	3061	Ste. Genevieve	Longhorn Oil—Severs 1	Dry		10-7-41
286	Jefferson	11	3 S	1 E	2439	St. Louis	H. H. Blair et al—Smith 1	Dry		10-7-41
287	Jefferson	23	3 S	4 E	3285	St. Louis	Union Mining—Blackward 1	Dry		11-11-41
288	Jefferson	4	4 S	2 E	2870	Ste. Genevieve	Kingwood Oil—Interstate Coal 1	Dry		12-2-41
289	Jefferson	15	4 S	4 E	3395	St. Louis	Ledbetter-Gardenhire—Logan 1	Dry		11-11-41
290	Jefferson	32	2 S	1 E	2123	Bethel	Baldwin et al—NcNeil 1	Dry		12-16-41
291	Jefferson	18	2 S	2 E	2439	St. Louis	T. Blake Dirickson—Miller 1	Dry		12-30-41
292	Jefferson	27	2 S	2 E	2837	St. Louis	A. W. Gerson—W. B. Horton 1	Dry		12-22-41
293	Jefferson	14	2 S	3 E	2943	St. Louis	Mid-Sun Oil Corp.—T. Adams 1	Dry		12-16-41
294	Jefferson	5	4 S	4 E	3189	Ste. Genevieve	Robinson-Puckett—Holshouser Estate 1	Dry		12-9-41
295	Johnson	24	11 S	3 E	4250	Devonian	Benedum-Trees Oil Co.—Cavitt 1	Dry		3-11-41
396	Johnson	26	11 S	3 E	708	Pennsylvanian	Harding & Harlowe—R. McCuan 1	Dry		9-23-41
297	Knox	10	10 N	3 E	1200	"Trenton"	J. O. Davis—Byland 1	Dry		6-3-41
298	LaSalle	23	35 N	2 E	986	Franconia	O. L. Greer—S. Davis Estate 1	Dry		7-29-41
299	LaSalle	8	32 N	2 E	445	St. Peter	A. Hanna—Lloyd Sage 1	Dry		9-30-41
300	LaSalle	27	33 N	1 E	1200	"Trenton"	Elko Oil & Gas—Duncan 1	Dry		9-16-41
301	Lawrence	22	3 N	13 W	2503	McClosky	Perry—R. N. Brown 1	Dry		1-7-41
302	Lawrence	20	3 N	12 W	5013	"Trenton"	Robinson—Sauers 1	Dry		2-25-41
303	Lawrence	2	4 N	11 W	1623	Ste. Genevieve	R. R. Willis—W. H. Pinkstaff 1	Dry		4-15-41
304	Lawrence	23	2 N	12 W	1397	Buchanan	C. Evarts—Catt 1	25	South Lawrence	5-27-41
305	Lawrence	23	2 N	12 W	2200	St. Louis	C. Evarts—Catt 1-A	Dry		7-1-41
306	Lawrence	19	4 N	10 W	1108	Buchanan	Kentucky Natural Gas—Havill 1	Dry		6-17-41
307	Lawrence	1	2 N	12 W	450	Pennsylvanian	Cannon—Ridgley 2	Dry		7-29-41
308	Lawrence	20	3 N	11 W	1986	McClosky	W. Payne—H. Payne 1	Dry		7-22-41
309	Lawrence	7	2 N	12 W	2442	St. Louis	W. D. Anderson—Stockman Heirs 1	Dry		8-12-41
310	Lawrence	15	2 N	12 W	2175	St. Louis	Midwest Development—Mullens 1	Dry		9-3-41
311	Lawrence	20	4 N	10 W	1700	Ste. Genevieve	J. Young—Gerhart 1	Dry		9-23-41
312	Lawrence	22	2 N	11 W	1762	Bethel	Sinclair-Wyoming Oil—All-States Life 1	40	St. Francisville E.	10-21-41
313	Lawrence	8	2 N	12 W	1531	Buchanan	DeKalb Agricultural Assn.—J. King 1	57	Ruark	10-21-41
314	Lawrence	17	2 N	12 W	2361	McClosky	Stocker-Kiefer—Rogers 1	Dry		10-7-41
315	McDonough	28	4 N	3 W	590	Niagaran	A. B. Hanna—F. Carey 1	Dry		1-7-41
316	McDonough	8	5 N	4 W	902	"Trenton"	Bancroft & Bowman—W. A. Murray 1	Dry		2-4-41
317	McDonough	8	5 N	4 W	675	Devonian	Oil Producers Syndicate—R. L. Dixon 1	Dry		7-1-41
318	McDonough	19	4 N	4 W	741	"Trenton"	C. H. Harrison—G. Bowman 2	Dry		7-29-41
319	McLean	28	22 N	1 E	2115	"Trenton"	Funks Grove Oil Co. & Gas—E. Crawford 1	Dry		5-27-41
320	Macoupin	30	10 N	7 W	560	Pennsylvanian	Fred Mudgett—Dorks 1	Dry		1-7-41

321	Macoupin..	17	4 N	5 W	655	Pennsylvanian	Harr & Siegler—Bellm 1	Dry		1-21-41
322	Macoupin..	1	9 N	7 W	1613	Devonian	Bridges et al—Feiker 1	Dry		4-1-41
323	Macoupin...	17	12 N	7 W	522	Pennsylvanian	O. G. Hayes—Alderson 1	Dry		6-17-41
324	Macoupin...	7	11 N	7 W	1435	New Albany	Adams & Lagers—Bristow 1	Dry		7-15-41
325	Macoupin.	25	7 N	7 W	650	Pottsville	Dortomedge Oil—Hunsinger 1	Dry		9-3-41
326	Macoupin..	20	10 N	7 W	447	Pottsville	F. Mudgett—Goebelt 1	10	Carlinville North	12-2-41
327	Madison...	22	3 N	6 W	1410	Devonian	Wickwire et al—Ellis 1	Dry		2-11-41
328	Madison.....	5	5 N	5 W	810	L. Chester	E. A. Gilchrist—E. Hosto 1	Dry		2-25-41
329	Marion.....	35	4 N	1 E	1360	Weiler	Obering & Phillips—Thalman 1	48	East Patoka	1-28-41
330	Marion.....	31	4 N	3 E	2251	Ste. Genevieve	Absher & Booth—Hoffman 1	Dry		1-28-41
331	Marion.....	17	3 N	1 E	1494	Bethel	Illinois Royalty—Brown 1	Dry		2-25-41
332	Marion.....	6	3 N	1 E	1687	Ste. Genevieve	Adams Oil & Gas—I. C. Jolliff 1	Dry		4-8-41
333	Marion.....	26	4 N	2 E	1684	Glen Dean	Swan-King Oil Co.—Williams 1	Dry		4-8-41
334	Marion.....	36	4 N	2 E	2253	Ste. Geneveive	Swan-King Oil Co.—Martin Cemetery 1	Dry		4-29-41
335	Marion.....	7	2 N	2 E	3597	Devonian	Hudson-Hess—B. Young 1	Dry		5-27-41
336	Marion.....	6	3 N	1 E	1514	Bethel	Paul Doran—A. Ververs 1	Dry		5-27-41
337	Marion.....	19	3 N	1 E	1539	Bethel	V. S. Hollingsworth—M. Mason 1	Dry		5-20-41
338	Marion.....	27	3 N	1 E	712	Pennsylvanian	W. T. Rice et al—Teshner 1	Dry		5-20-41
339	Marion.....	27	3 N	1 E	1637	Weiler	W. T. Rice et al—Teshner 1-A	Dry		6-3-41
340	Marion.....	12	4 N	1 E	1698	Cypress	Perry et al—Ehart 1	Dry		5-20-41
341	Marion.....	25	4 N	1 E	1378	Glen Dean	Barger et al—Smith 1	Dry		5-6-41
342	Marion.....	19	4 N	3 E	2263	St. Louis	W. O. Allen—French 1	Dry		6-3-41
343	Marion.....	18	2 N	2 E	3600	Devonian	Texas Co.—McClelland 1	Dry		7-15-41
344	Marion.....	4	3 N	1 E	1518	Bethel	M. Conroy—Rogier 1	Dry		7-22-41
345	Marion.....	12	3 N	2 E	2382	Ste. Genevieve	Austin Oil Co.—P. F. Smith 1	Dry		7-22-41
346	Marion.....	25	4 N	1 E	1930	Rosiclare	Goodson et al—Smith 1	Dry		7-15-41
347	Marion.....	7	2 N	2 E	2240	St. Louis	Texas—A. Kagy 1	Dry		8-5-41
348	Marion.....	20	2 N	4 E	2895	St. Louis	Kingwood—McGuire 1	Dry		8-19-41
349	Marion.....	5	4 N	3 E	2240	St. Louis	Carter—J. Morgan 1	Dry		8-19-41
350	Marion.....	36	4 N	2 E	2101	Rosiclare	Swan-King—Kotva Heirs 1	439	Alma	9-23-41
351	Marion.....	9	1 N	1 E	2064	Ste. Genevieve	R. Dodge—Stater 1	Dry		10-7-41
352	Marion.....	27	3 N	4 E	2679	Ste. Genevieve	C. C. Nye—H. M. Long 1	Dry		10-28-41
353	Marion.....	12	4 N	2 E	2240	St. Louis	Doran & Buttram—W. Morgan 1	Dry		11-18-41
354	Marion.....	33	1 N	4 E	2952	St. Louis	Deaten & Bears—Sundesky 1	Dry		12-30-41
355	Montgomery	14	7 N	2 W	1245	Bethel	Ginsberg—McDennis 1	Dry		1-21-41
556	Montgomery	9	7 N	5 W	863	Ste. Genevieve	Skiles et al—Nieman 1	Dry		3-4-41
357	Montgomery	28	9 N	4 W	1801	Devonian	Brown & Hager—Luddeke 1	Dry		2-18-41
358	Montgomery	3	8 N	5 W	674	Pennsylvanian	Keith—Varner 1	Dry		3-25-41
359	Montgomery	5	10 N	5 W	614	Pennsylvanian	Branson—Woods 1	Dry		4-8-41
360	Montgomery	10	9 N	2 W	2598	Devonian	Hoover—Battles 1	Dry		5-20-41
361	Montgomery	20	10 N	2 W	2528	Devonian-Silurian	H. C. Detrick—W. H. Banes 1	Dry		7-1-41
362	Montgomery	3	10 N	2 W	3237	"Trenton"	Benedum & Trees—Janssen Heirs 1	Dry		8-19-41
363	Morgan.....	2	13 N	10 W	530	L. Mississippian	C. T. Hunt—Cuddy 1	Dry		1-21-41
364	Morgan.....	2	13 N	10 W	1512	"Trenton"	C. T. Hunt—Cuddy 2	Dry		4-15-41
365	Morgan.....	1	16 N	11 W	1200	"Trenton"	Measley et al—Crum 1	Dry		4-15-41
366	Morgan.....	9	16 N	12 W	585	New Albany	Andre—Hart 1	Dry		5-20-41
367	Morgan.....	28	13 N	8 W	1765	"Trenton"	Magnolia Petroleum—Keplinger 1	Dry		9-9-41
368	Moultrie....	31	14 N	4 E	2947	Devonian-Silurian	Olson Drilling Co.—Ekiss 1	Dry		6-24-41
369	Perry.....	15	4 S	4 W	1450	Aux Vases	Ruwaldt et al—Fulk 1	Dry		7-15-41
370	Perry.....	15	4 S	2 W	1607	McClosky	Kingwood Oil Co.—R. Marlow 1	Dry		7-15-41
371	Perry.....	36	6 S	3 W	1792	Ste. Genevieve	Byers—C. McIntyre 1	Dry		10-7-41
372	Perry.....	23	4 S	1 W	1614	St. Louis	Blankenship—H. George 1	Dry		11-18-41
373	Perry.....	10	6 S	3 W	1538	Ste. Genevieve	E. S. Adkins—Pyramid Coal 1	Dry		12-22-41
374	Pike.....	4	3 S	4 W	451	"Niagaran"	C. Schachtsick—S. T. Newton 1	Dry		11-18-41
375	Pope.....	30	11 S	5 E	2204	Ste. Genevieve	Garnier et al—Peoples 1	Dry		1-21-41
376	Pope.....	29	11 S	5 E	1236	Glen Dean	A. Claro & P. Rossi—Mayer 1	Dry		7-29-41
377	Randolph....	2	7 S	6 W	950	Ste. Genevieve	C. L. Lachtrup—Schulze 3	Dry		5-13-41
378	Randolph....	10	5 S	5 W	1094	Aux Vases	Gode & Murphy—McIntyre 1	Dry		6-17-41
379	Randolph....	3	7 S	5 W	1208	L. Mississippian	Rankin et al—B. Bierman 1	Dry		6-24-41
380	Randolph....	21	7 S	7 W	597	St. Louis	Anderson et al—Carney 1	Dry		6-17-41

TABLE 11.—*Continued*

No.	County	Location			Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbls.)	Field name of new discoveries and extensions	Date of completion
		Sec.	Twp.	Rge.						
381	Randolph	35	5 S	5 W	1175	Aux Vases	Ruwaldt—D. Schuette 1	Dry		7-8-41
382	Randolph	5	7 S	5 W	1010	Chester	A. C. Burger—C. Inselman 1	Dry		7-8-41
383	Randolph	12	5 S	7 W	625	Ste. Genevieve	Holst Oils Corp.—Falkenheim 1	Dry		8-19-41
384	Richland	12	2 N	9 E	3180	Ste. Genevieve	R. Johnson—E. Richart 1	Dry		2-11-41
385	Richland	12	2 N	9 E	3185	Ste. Genevieve	Pure Oil Co.—O. C. Borah "A" 1	Dry		4-22-41
386	Richland	34	3 N	14 W	3129	McClosky	Case-Pomeroy—Bowers 1	260	Bonpas	5-27-41
387	Richland	27	3 N	9 E	3059	McClosky	J. Davis—S. C. Schan 1	42	Noble[2]	6-24-41
388	Richland	5	2 N	9 E	3120	McClosky	R. Werner—C. Smith 1	Dry		7-22-41
389	Richland	8	2 N	14 W	3171	McClosky	C. R. Craft—Daubs 1	940	Bonpas West	8-26-41
390	Richland	29	2 N	14 W	3129	McClosky	Ohio—H. Koertge 1	1459	Parkersburg	8-19-41
391	Richland	27	3 N	9 E	3100	Ste. Genevieve	Texas—H. Shan 1	Dry		8-5-41
392	Richland	18	3 N	14 W	3394	St. Louis	Sinclair-Wyoming—T. Legan 1	Dry		8-5-41
393	Richland	26	2 N	10 E	3331	St. Louis	R. B. Martin—J. Desicher 1	Dry		10-28-41
394	Richland	17	2 N	14 W	3149	McClosky	Ohio Oil—M. Lambert 1	90	Bonpas West	10-28-41
395	Richland	23	4 N	14 W	3073	St. Louis	Richey et al—C. Richey 1	Dry		10-14-41
396	Richland	2	3 N	9 E	3000	Ste. Genevieve	Pure Oil—D. M. Miller 1	Dry		12-2-41
397	Richland	6	4 N	14 W	3041	McClosky	E. Nolf et al—A. Nuding 1	190	Stringtown	11-11-41
398	Richland	13	2 N	14 W	3065	St. Louis	Seaboard Oil—A. Wetzel 1	Dry		12-22-41
399	Richland	16	2 N	14 W	3206	Ste. Genevieve	W. Duncan—W. C. Bierhaus 1	Dry		12-22-41
400	Richland	28	4 N	9 E	3003	McClosky	Pure Oil—L. R. Boley "A" 1	550	Noble[2]	12-30-41
401	Richland	20	2 N	14 W	3162	McClosky	Ohio Oil—G. G. Hull 1	30	Bonpas West[2]	12-16-41
402	St. Clair	30	1 N	10 W	550	Bethel	A. F. Alspach—L. J. Smith 1	Dry		4-29-41
403	St. Clair	32	2 N	7 W	960	Salem	G. A. Morris—V. Rasp 1	Dry		5-13-41
404	St. Clair	29	3 S	6 W	635	Bethel	Gus Kunze—McCurdy 1	Dry		6-24-41
405	St. Clair	31	3 S	6 W	585	Aux Vases	A. F. Alspach—S. Boyle 1	Dry		6-17-41
406	St. Clair	2	2 S	9 W	1450	Decorah-Plattin	Magnolia Pet.—Monroe Probst 1	Dry		7-15-41
407	St. Clair	13	2 S	8 W	466	McClosky	E. Gieck—Frees 1	Dry		9-30-41
408	St. Clair	32	2 N	7 W	2075	"Trenton"	G. A. Morris—V. Rasp 1-A	Dry		10-14-41
409	St. Clair	26	1 N	9 W	1499	"Trenton"	Gass & Frazier—Hahn 1	Dry		11-25-41
410	St. Clair	18	1 S	6 W	709	Bethel	Burges—Eidman 1	Dry		11-11-41
411	St. Clair	5	3 S	7 W	490	Ste. Genevieve	E. Gieck—A. Goodman 1	Dry		12-2-41
412	Saline	2	10 S	6 E	1857	Golconda	Williams—A. Smith 1	Dry		2-25-41
413	Saline	20	7 S	5 E	3362	St. Louis	Massey & Diggs—Hardesty 1	Dry		3-18-41
414	Saline	34	8 S	6 E	2582	Bethel	Taylor Drilling Co.—Porter 1	Dry		6-3-41
415	Saline	25	9 S	6 E	2645	St. Louis	J. H. Williams—McCarty 1	Dry		6-10-41
416	Saline	22	7 S	5 E	3295	Ste. Genevieve	Compton-Fotiades—Hudgins 1	Dry		7-15-41
417	Saline	8	8 S	7 E	2998	McClosky	Thompson Drilling Co.—J. Reich 1	92	Eldorado	8-26-41
418	Saline	17	8 S	7 E	2262	Tar Springs	Thompson Drilling —O. Carter 1	Dry		10-21-41
419	Saline	28	8 S	7 E	2215	Tar Springs	Potter et al—Sutton 1	Dry		10-14-41
420	Saline	30	7 S	6 E	3385	Ste. Genevieve	R. Hal Compton—Ray Durham 1	Dry		12-16-41
421	Saline	31	8 S	5 E	3142	St. Louis	Kingwood Oil—C. A. Gullett 1	Dry		12-30-41
422	Schuyler	12	3 N	4 W	735	"Trenton"	T. K. Degenther—Scott 1	Dry		12-22-41
423	Scott	27	13 N	13 W	1050	St. Peter	A. L. Bedell—E. C. Adams 1	Dry		3-25-41
424	Shelby	7	10 N	3 E	1741	Bethel	Guild et al—Hunter 1	Dry		1-28-41
425	Shelby	36	13 N	3 E	3061	Devonian	O. C. Brunsbold—Harley-Yantis 1	Dry		2-4-41
426	Shelby	9	10 N	4 E	1702	Weiler	Rose & Durbin—Flenner 1	Dry		2-25-41
427	Shelby	26	12 N	2 E	1637	Aux Vases	Stewart Oil Co.—McGarr 1	Dry		3-11-41
428	Shelby	12	10 N	2 E	1735	Aux Vases	W. H. Sloan—Cutler 1	37	Lakewood	4-29-41
429	Shelby	30	10 N	3 E	1760	Bethel	J. Moore—Fee 1	Dry		4-29-41
430	Shelby	22	11 N	4 E	2091	St. Louis	Ohio Oil Co.—Elliott 1	Dry		4-29-41

431	Shelby	1	10 N	2 E	1874	Fredonia	Sloan—Powers 1	Dry		6-10-41
432	Shelby	26	11 N	2 E	1843	St. Louis	Nat'l Petroleum Co.—Bilyew 1	Dry		7-1-41
433	Shelby	12	13 N	3 E	2922	Devonian	Olsen Drilling Co.—Atkinson 1	Dry		7-1-41
434	Shelby	2	9 N	2 E	2043	St. Louis	Nat'l Petroleum—Montooth 1	Dry		7-15-41
435	Shelby	5	9 N	4 E	2055	McClosky	Carter Oil Co.—E. Leach 1	Dry		8-5-41
436	Shelby	5	10 N	3 E	1805	Aux Vases	Wiser Oil—W. B. Smith 1	Dry		10-14-41
437	Shelby	28	10 N	4 E	2285	Salem	Carter Oil—L. Storm 1	Dry		11-25-41
438	Vermilion	30	18 N	13 W	1775	Devonian	R. N. Sylvestre—Trisler 1	Dry		6-10-41
439	Wabash	18	1 S	13 W	2890	Ste. Genevieve	R. S. Hayes et al—Fisher 1	Dry		1-28-41
440	Wabash	3	2 S	13 W	2800	St. Louis	Exchange Oil Co.—M. A. Strasser 1	Dry		2-11-41
441	Wabash	1	2 S	14 W	2950	Ste. Genevieve	Illinois Producers—Brown 1	Dry		3-4-41
442	Wabash	13	1 N	14 W	2993	St. Louis	Harvey et al—Strine 1	Dry		3-25-41
443	Wabash	26	1 S	14 W	3002	Ste. Genevieve	Yingling & Hayes—Tanquarry 1	Dry		3-11-41
444	Wabash	19	1 N	11 W	2346	Ste. Geneveive	White & Wickwire—Fox 1	Dry		4-8-41
445	Wabash	31	2 N	11 W	2120	Ste. Genevieve	Heyle & Troup—Dager 1	Dry		4-8-41
446	Wabash	32	1 S	12 W	2507	St. Louis	Illinois-Mid Continent—J. Keiffer 1	Dry		4-22-41
447	Wabash	3	1 N	12 W	2348	Ste. Genevieve	Snowden & McSweeney—Hayes 1	Dry		5-27-41
448	Wabash	6	1 S	12 W	2422	Ste. Genevieve	B. Lambert—Vaungart 1	Dry		5-20-41
449	Wabash	21	1 S	12 W	1991	Weiler	Olds et al—Riverside Park 1	180	Mt. Carmel[2]	5-20-41
450	Wabash	31	2 N	11 W	2175	Ste. Genevieve	Heyle-Troupe—Dager 2	Dry		6-10-41
451	Wabash	36	2 N	12 W	1450	Biehl	Wayne Smith et al—Fee 1	Dry		6-10-41
452	Wabash	9	1 S	12 W	2363	St. Louis	Gulf Refining Co.—Zimmerman 1	Dry		6-10-41
453	Wabash	16	1 S	12 W	2112	Bethel	L. E. Kennedy et al—Carson 1	30	Mt. Carmel[2]	7-1-41
454	Wabash	9	1 S	13 W	2840	Ste. Genevieve	Mabee Drilling Co.—Brines 1	Dry		6-10-41
455	Wabash	31	2 N	11 W	2189	McClosky	H. B. Mortimer et al—J. H. Dager 1	Dry		7-29-41
456	Wabash	31	2 N	11 W	2143	McClosky	L. Jackson—J. Breen 1	Dry		9-16-41
457	Wabash	31	2 N	11 W	2445	Ste. Genevieve	Wabash Oil & Gas—Corrie 1	Dry		9-16-41
458	Wabash	35	2 N	14 W	3021	St. Louis	Anderson & Fields—Higgins 1	Dry		9-23-41
459	Wabash	30	1 N	13 W	2939	Ste. Genevieve	W. O. Allen—W. B. Baird 1	Dry		10-7-41
460	Wabash	27	1 N	12 W	2316	McClosky	H. Fotiades—L. Mason 1	170	Patton	11-18-41
461	Wabash	36	1 N	14 W	2964	Ste. Genevieve	Hilton Oil—R. Skelton 1	Dry		12-9-41
462	Warren	11	9 N	1 W	538	Devonian-Silurian	Monarch Oil Co.—F. Hoadley 1	Dry		9-3-41
463	Washington	17	3 S	4 W	1149	Bethel	Taylor Drilling Co.—Kraener 1	Dry		1-7-41
464	Washington	2	3 S	3 W	1660	Ste. Genevieve	Woodriver Crude Oil Co.—W. Kazban 1	Dry		1-7-41
465	Washington	29	3 S	4 W	1039	Bethel	J. L. Murphy—Brammeier 1	Dry		1-7-41
466	Washington	34	1 S	5 W	1060	Aux Vases	Arrow Drilling Co.—Borrentohl 1	Dry		2-11-41
467	Washington	21	3 S	4 W	1220	Aux Vaxes	Roy Lester—Torrem 1	Dry		2-25-41
468	Washington	30	3 S	4 W	1098	Aux Vases	Roland & Thompson—A. J. Hundleth 1	Dry		3-11-41
469	Washington	34	3 S	3 W	1562	Fredonia	Magnolia Pet. Co.—A. Stern 1	Dry		4-22-41
470	Washington	1	3 S	4 W	1357	Fredonia	Hubbard—W. Harrie 1	Dry		4-22-41
471	Washington	3	3 S	2 W	1399	Bethel	H. J. Sherman et al—S. M. Goodner 1	Dry		5-27-41
472	Washington	30	3 S	4 W	1105	Aux Vases	C. A. Smith—Hunleth 1	Dry		5-6-41
473	Washington	15	1 S	1 W	1527	Bethel	Powell & Risk—Holle 1	168	Irvington[2]	6-17-41
474	Washington	8	2 S	4 W	2450	Devonian	C. A. Smith—Mittendorf 1	Dry		6-17-41
475	Washington	10	1 S	1 W	1528	Bethel	Gulf Refining—Maschoff 2	189	Irvington[2]	7-22-41
476	Washington	34	1 N	1 W	1557	Aux Vases	Reward Oil Co.—J. Nolting 1	Dry		8-19-41
477	Washington	27	1 N	2 W	1611	St. Louis	C. V. Richardson—G. Kasten 1	Dry		9-9-41
478	Washington	26	2 S	5 W	1230	Aux Vases	A. J. Colgan—W. Meyers 1	Dry		10-7-41
479	Washington	32	2 S	4 W	2395	Devonian	E. J. Bergundthal—Dement 1	Dry		11-25-41
480	Washington	1	3 S	2 W	1701	St. Louis	J. A. Brouk—A. Lamezyk 1	Dry		12-30-41
481	Wayne	36	1 N	6 E	3330	Ste. Genevieve	National Pet. Co.—H. States 1	Dry		1-14-41
482	Wayne	5	1 S	6 E	3320	St. Louis	Hudson & Hess—L. Lowe 1	Dry		1-14-41
483	Wayne	19	2 S	8 E	3490	Ste. Genevieve	Poorman & Nation—Lloyd 1	Dry		1-28-41
484	Wayne	25	2 S	8 E	3452	Ste. Genevieve	C. Robinson—C. K. Bothwell 1	Dry		3-4-41
485	Wayne	34	1 S	9 E	3404	St. Louis	Carter Oil Co.—H. St. Ledger 1	Dry		4-1-41
486	Wayne	30	2 N	8 E	3038	McClosky	J. W. Sanders et al—L. Hubble 1	1360	Clay City[2]	4-29-41
487	Wayne	25	2 N	7 E	3065	McClosky	Pure Oil—T. R. Michels "A" 1	7	Clay City[2]	5-13-41
488	Wayne	36	2 N	8 E	3120	Ste. Genevieve	Gordon-Mulbach—Mulbach 1	Dry		5-27-41
489	Wayne	27	1 N	6 E	3085	McClosky	Wiser Oil Co.—Hilliard 1	2406	Johnsonville	7-15-41
490	Wayne	22	1 S	8 E	3200	McClosky	Pure Oil—T. B. Liston "A" 1	Dry		7-15-41

TABLE 11.—*Concluded*

No.	County	Location			Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbls.)	Field name of new discoveries and extensions	Date of completion
		Sec.	Twp.	Rge.						
491	Wayne	18	2 S	9 E	3507	McClosky	New Penn Development—M. Bothwell 1	Dry		7-8-41
492	Wayne	15	3 S	5 E	3432	St. Louis	C. Crosby—Murphy 1	Dry		7-29-41
493	Wayne	5	3 S	6 E	3570	St. Louis	Texas Co.—J. Lewis 1	Dry		7-8-41
494	Wayne	28	1 N	5 E	3040	St. Louis	Smith Petroleum Co.—W. S. Martin 1	Dry		8-19-41
495	Wayne	36	1 N	6 E	3207	McClosky	Olsen Drilling Co.—Porter 1	690	Johnsonville[2]	8-19-41
496	Wayne	12	1 S	7 E	3180	McClosky	Pure Oil Co.—R. L. Johnson A-1	62	Geff	8-19-41
497	Wayne	2	2 S	7 E	3334	McClosky	Watkins & Weinert—Bright 1-B	440	Boyleston[2]	9-3-41
498	Wayne	17	2 S	8 E	3346	McClosky	Robinson & Continental—Puckett 1	Dry		8-12-41
499	Wayne	8	3 S	6 E	3380	McClosky	Texas Co.—F. N. Draper 1	75	Mayberry	8-26-41
500	Wayne	21	1 N	6 E	3303	McClosky	Jablonski & Schultte—H. Tenney 1	Dry		9-30-41
501	Wayne	22	1 N	6 E	3187	McClosky	Pioneer Drilling & E. Witcher—M. Williamson 1	1200	Johnsonville[2]	9-9-41
502	Wayne	16	1 S	8 E	3257	Ste. Genevieve	Pure Oil—C. Marshall "A" 1	Dry		9-16-41
503	Wayne	24	1 S	5 E	3240	St. Louis	T. Blake Brickson & Brown—J. E. Greer 1	Dry		10-7-41
504	Wayne	2	1 S	6 E	3274	Ste. Genevieve	I. White—J. Kieffer 1	Dry		12-2-41
505	Wayne	33	1 S	6 E	3196	McClosky	Bell Bros.—F. Fuhrer 1	240	Sims	11-4-41
506	Wayne	30	2 S	6 E	3431	McClosky	B. C. Renick—General American Life 1	Dry		11-4-41
507	Wayne	32	1 N	5 E	2989	Ste. Genevieve	Wiser Oil — E. Ellis 1	Dry		12-30-41
508	Wayne	35	1 N	5 E	3107	St. Louis	N. V. Duncan—R. Guthrie 1	Dry		12-22-41
509	Wayne	4	1 N	7 E	3241	Ste. Genevieve	J. Bauers—Knapp 1-A	Dry		12-30-41
510	Wayne	16	1 S	6 E	3187	Ste. Genevieve	J. Russell—Doty 1	Dry		12-22-41
511	Wayne	30	1 S	6 E	3272	Ste. Genevieve	C. Buerkle et al—J. Williams 1	Dry		12-30-41
512	Wayne	28	1 S	6 E	3219	McClosky	Swan-King—D. Spenser 1	210	Sims[2]	12-16-41
513	Wayne	16	2 S	5 E	3258	St. Louis	Sinclair-Wyoming Oil—C. Goodart 1	Dry		12-30-41
514	White	36	3 S	8 E	3517	Ste. Genevieve	Burgen—M. Kramer 1	Dry		2-4-41
515	White	29	3 S	14 W	2860	Paint Creek	Arrow Drilling Co.—Eastwood 1	Dry		1-21-41
516	White	30	4 S	14 W	3237	Ste. Genevieve	O'Meara—O. L. Hon 1	Dry		1-28-41
517	White	7	5 S	14 W	2670	Weiler	O. O. Borden—I. McCallister 2	Dry		1-21-41
518	White	21	5 S	14 W	2373	Tar Springs	Bell Bros.—E. H. Morris 1	116	New Harmony South[2]	2-4-41
519	White	29	5 S	14 W	2282	Waltersburg	F. H. Rhodes—H. R. Golden 1	112	New Harmony South	1-28-41
520	White	19	6 S	11 E	3100	Ste. Genevieve	R. B. Martin—P. Westergard 1	Dry		1-7-41
521	White	10	7 S	9 E	2266	Tar Springs	Mabee Drilling Co.—Knight 1	115	Herald[2]	2-4-41
522	White	16	7 S	10 E	2995	Ste. Genevieve	Jungbecker et al—J. W. Hayes 1	Dry		2-4-41
523	White	18	4 S	10 E	3317	St. Louis	Skelly Oil Co.—E. Winter 1	Dry		2-25-41
524	White	36	5 S	9 E	3267	Ste. Genevieve	R. Warren et al—W. Brimble Comb 1	Dry		2-25-41
525	White	21	5 S	14 W	3109	Ste. Genevieve	Bell Bros.—Morris 2	Dry		2-18-41
526	White	29	6 S	9 E	3135	Ste. Genevieve	Brehm & Dorton—Creek 1	Dry		2-25-41
527	White	32	6 S	9 E	3120	Ste. Genevieve	Horton & Wiggins—J. G. Bradley, Jr. et al 1	Dry		2-25-41
528	White	36	6 S	9 E	3010	Ste. Genevieve	Ryan Oil Co.—Keck 1	Dry		2-18-41
529	White	7	6 S	11 E	3035	St. Louis	Halbert—Hubele 1	Dry		2-18-41
530	White	8	7 S	8 E	3195	Ste. Genevieve	Eason Oil Co.—DeLapp 1	Dry		2-25-41
531	White	19	7 S	11 E	2129	Tar Springs	Hiawatha—Stinson 1	107	New Haven	3-25-41
532	White	30	4 S	9 E	3495	St. Louis	Travis Bros.—Davis 1	Dry		3-25-41
533	White	12	7 S	8 E	2660	Weiler	Kingwood & Exchange Oil Cos.—H. M. Porter 1	36	Roland[2]	3-25-41
534	White	20	4 S	14 W	2882	Aux Vases	J. Meyers—Hon 1	Dry		4-15-41
535	White	24	5 S	9 E	3269	St. Louis	Ledbetter—M. O. Winter 1	Dry		4-29-41
536	White	35	5 S	10 E	3174	Ste. Genevieve	L. B. Jackson—Parker 1	Dry		4-22-41
537	White	20	5 S	14 W	3135	Ste. Genevieve	Jarvis Bros.—E. H. Morris 1	Dry		4-8-41
538	White	32	5 S	14 W	2392	Tar Springs	G. R. Hayes Drilling Co.—Ackerman 1	Dry		4-8-41
539	White	7	6 S	11 E	2018	Palestine	R. Halbert—Hubele 1-A	35	Maunie	4-8-41
540	White	31	3 S	14 W	3077	Ste. Genevieve	French & Lavender—A. C. Metcalf 1	Dry		6-3-41

541	White	21	4 S	9 E	3307	Ste. Genevieve	Sallee Bros.—E. Doerr 1	Dry			5-27-41
542	White	22	5 S	14 W	3105	Ste. Genevieve	C. D. Neff et al—Stum 1	Dry			5-20-41
543	White	35	6 S	9 E	3087	St. Louis	Carter Oil Co.—G. Bond Aud 1	Dry			5-27-41
544	White	4	6 S	10 E	3207	St. Louis	Ryan Oil Co. et al—E. W. Pomeroy 1	Dry			5-13-41
545	White	12	6 S	10 E	3021	Ste. Genevieve	Ryan Oil Co.—Barnes 1	Dry			6-3-41
546	White	24	6 S	10 E	2872	Aux Vases	Cherry & Kidd—Karch 1	141	Maunie-South		5-13-41
547	White	24	6 S	10 E	3003	Tar Springs	Cherry & Kidd—M. Prell 1	147	Maunie-South[2]		6-3-41
548	White	11	7 S	8 E	2167	Waltersburg	Fisher Oil & Arrow Drilling Cos.—Ellis 1	308	Roland[2]		6-3-41
549	White	25	5 S	10 E	2838	Bethel	Continental Oil Co.—Ackerman 1	20	North Maunie		6-10-41
550	White	25	3 S	10 E	3069	McClosky	Roche, Voyles & Buckman—C. Groff 1	Dry			7-1-41
551	White	33	3 S	10 E	2980	Renault	Ryan Oil Co.—Lamont 1	Dry			7-1-41
552	White	30	3 S	14 W	3138	McClosky	H. K. Riddle—Farmers Nat'l Bank 1	Dry			6-24-41
553	White	8	4 S	10 E	3329	Ste. Genevieve	C. D. Neff et al—W. L. Green 1	Dry			6-10-41
554	White	21	4 S	14 W	2862	Aux Vases	Compton & Fotiades—W. Gray 1	800	New Harmony Cons.[2]		6-10-41
555	White	19	5 S	9 E	3312	Ste. Genevieve	Martin—Williams 1	Dry			7-1-41
556	White	28	5 S	10 E	3153	St. Louis	L. B. Jackson—Hanna 1	Dry			6-17-41
557	White	11	6 S	10 E	3106	McClosky	J. Dawson—Rodenberg 1	Dry			7-1-41
558	White	25	4 S	9 E	3260	McClosky	Skelly Oil—F. Reinwald 1	Dry			7-15-41
559	White	28	4 S	10 E	3260	St. Louis	Ryan Oil Co.—L. Stokes 1	Dry			7-29-41
560	White	5	5 S	14 W	2978	McClosky	First Nat'l Pet. Trust—A. M. Johnson 1	65	New Harmony[2]		7-22-41
561	White	30	5 S	14 W	3111	McClosky	Millison Bros.—Mary Thompson 1	Dry			7-15-41
562	White	7	6 S	9 E	2856	Paint Creek	Pure & Carter Oil Cos.—Kisner 1	134	Stokes[2]		7-15-41
563	White	22	3 S	10 E	2897	Weiler	Wall-Mitchell—Kershaw 1	53	Grayville West		8-5-41
564	White	14	4 S	14 W	3005	Ste. Genevieve	Arrow Drilling Co.—Lomas 1	Dry			8-19-41
565	White	35	6 S	8 E	3167	St. Louis	Arrow Drilling Co.—Auld 1	Dry			9-3-41
566	White	10	7 S	10 E	2990	St. Louis	Neff et al—Union Cent. Life Co. 1	Dry			8-5-41
567	White	28	3 S	14 W	2883	Aux Vases	Rock Hill Oil—Reeves Heirs 3	Dry			9-16-41
568	White	5	5 S	10 E	2925	Weiler	Yingling, Hayes & Ryan—Z. Shepard 1	60	Centerville East		9-9-41
569	White	32	5 S	10 E	2188	Palestine	W. F. Catlett—Calvert 1	90	Epworth		9-9-41
570	White	27	3 S	10 E	3210	McClosky	Wall & Mitchell—Williams 1	Dry			10-21-41
571	White	24	4 S	10 E	3162	Ste. Genevieve	Sinclair-Wyoming Oil—E. Smith 1	Dry			10-21-41
572	White	18	5 S	8 E	3584	Ste. Genevieve	Papoose Oil—Driscoll 1	Dry			10-14-41
573	White	15	5 S	9 E	3460	Ste. Genevieve	Imperial Oil—J. Hubel 1	Dry			10-7-41
574	White	19	2 S	8 E	3497	Ste. Genevieve	B. Nation—M. Harrison 1	Dry			12-2-41
575	White	21	3 S	14 W	3167	Ste. Genevieve	P. E. Tipton—F. Jolly Estate 1	Dry			12-2-41
576	White	7	4 S	10 E	2551	Tar Springs	Sun Oil—R. Strowe 1	151	Centerville East[2]		11-25-41
577	White	23	4 S	9 E	3356	St. Louis	Reece & Heath—Shumaker 1	Dry			12-16-41
578	White	14	6 S	8 E	2850	Bethel	H. A. Brisch—H. Henson 1	Dry			12-16-41
579	White	35	6 S	10 E	2265	Tar Springs	Cherry & Kidd—Pearce 1	Dry			12-30-41
580	Whiteside	11	19 N	7 E	1500	Oneota	J. F. Morse—Sheldon 1	Dry			7-8-41
581	Whiteside	35	21 N	6 E	656	Ordovician	J. S. Feltus—Hopkins 1	Dry			8-5-41
582	Williamson	4	8 S	2 E	2771	St. Louis	Adkins—Old Ben Coal 1-D	Dry			3-4-41
583	Williamson	12	10 S	1 E	2023	Ste. Genevieve	Austin Drilling Co.—Neiber 1	Dry			2-11-41
584	Williamson	29	10 S	2 E	2029	Ste. Genevieve	Scott et al—Throck Morton 1	Dry			2-25-41
585	Williamson	14	10 S	2 E	2167	Ste. Genevieve	C. Nation—Watson 1	Dry			3-18-41
586	Williamson	20	10 S	2 E	2203	Ste. Genevieve	Carolyn Oil Co.—Lockhard 1	Dry			3-25-41
587	Williamson	23	10 S	4 E	2431	Ste. Genevieve	Three Sisters Oil Co.—Curtner 1	Dry			3-18-41
588	Williamson	13	8 S	2 E	2780	Ste. Genevieve	Sun Oil Co.—Old Ben Coal Co. 1	Dry			4-22-41
589	Williamson	10	9 S	2 E	1507	Palestine	Union Mining Co.—Henderson 1	Dry			4-22-41
590	Williamson	15	8 S	2 E	2772	St. Louis	Wiser Oil Co.—U. S. Coal & Coke Co. 1	Dry			5-27-41
591	Williamson	31	8 S	4 E	2944	St. Louis	Arrow Drilling Co.—R. S. Fuller 1	Dry			7-15-41

[1] Gas, millions of cubic feet.
[2] Extensions.
[3] Not commercial.