

STATE OF ILLINOIS
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OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941*

By

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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.

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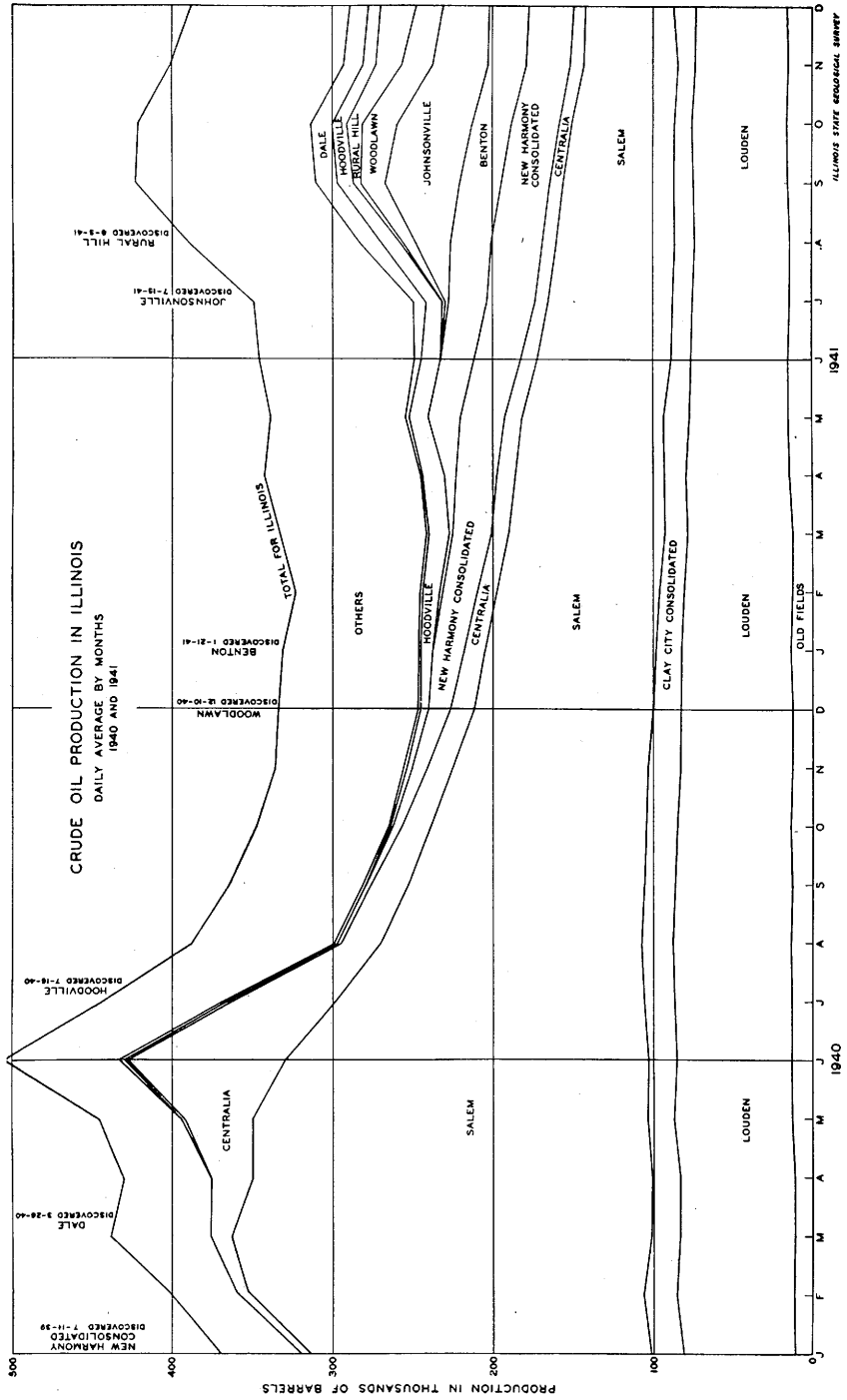
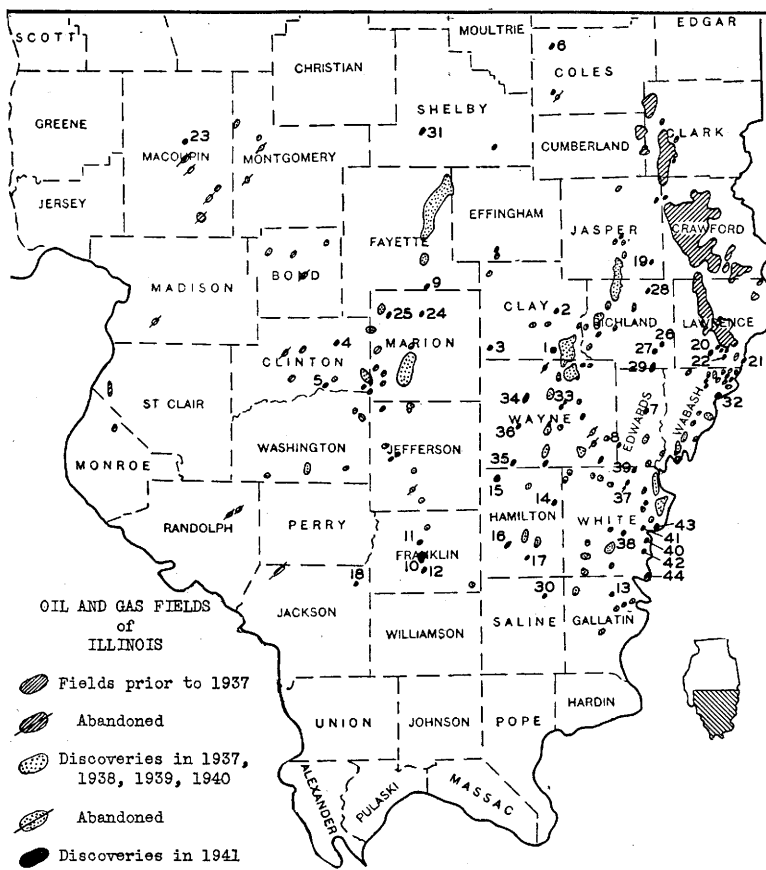


FIG. 1.



JANUARY 1, 1942
NEW FIELDS IN 1941

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

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 monoclinical structure; ML, monocline-lens; D, dome; T, terrace; N, nose.

OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941

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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	During 1941		End of 1941			
									Completed to End of 1941	Completed	Abandoned	Temporarily Shut-Down	Producing Oil ^c	Producing Gas ^c
1	Warrenton-Borton, <i>Edgar</i>	1906	100	0	30,200	200	0	0	22	0	0	2	12	0
2	Westfield, <i>Clark, Coles</i>	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	0	0	0
4			9,000	0	x	x	x	0	1,449	1	19	0	0	0
5			220	0	x	x	x	0	13	0	0	0	0	0
6	Siggins, <i>Cumberland, Clark</i>	1906	3,580	105	x	x	x	0	996	1	10	0	80	0
7			3,135	55	x	x	x	0	854	0	0	0	0	0
8			435	15	x	x	x	0	90	0	0	0	0	0
9			855	105	x	x	x	0	193	1	10	0	0	0
10	York, <i>Cumberland</i>	y	310	40	x	x	x	0	70	0	0	0	44	0
11	Casey, <i>Clark</i>	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	0	0
13			400	0	x	x	x	0	82	0	0	0	0	0
14	Martinsville, <i>Clark</i>	1922	1,525	15	x	x	x	0	322	2	4	0	0	0
15			710	155	x	x	x	0	217	2	0	0	114	0
16			15	20	x	x	x	0	7	0	0	0	0	0
17			275	35	x	x	x	0	63	0	0	0	0	0
18			710	0	x	x	x	0	23	1	0	0	0	0
19			600	0	x	x	x	0	34	0	0	0	0	0
20			640	0	x	x	x	0	40	1	0	0	0	0
21			10	0	x	x	x	0	2	0	0	0	0	0
22	North Johnson, <i>Clark</i>	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	0	0
24			160	0	x	x	x	0	32	0	0	0	0	0
25			820	5	x	x	x	0	177	0	0	0	0	0
26			215	0	x	x	x	0	44	0	0	0	0	0
27	South Johnson, <i>Clark</i>	1907	1,715	65	x	x	x	0	535	0	10	0	469	0
28			185	5	x	x	x	0	38	0	0	0	0	0
29			295	0	x	x	x	0	59	0	0	0	0	0
30			1,675	35	x	x	x	0	402	0	0	0	0	0
31			845	5	x	x	x	0	170	0	0	0	0	0
32	Bellair, <i>Crawford, Jasper</i>	1907	1,300	5	x	x	x	0	486	0	0	20	375	0
33			1,165	0	x	x	x	0	310	0	0	0	0	0
34			315	0	x	x	x	0	65	0	0	0	0	0
35			910	0	x	x	x	0	182	0	0	0	0	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 <i>Crawford</i>	1906	35,135	515	x	x	x	x	7,324	1	91	133	4,799	0
38			340	0	x	x	x	x	68	0	0	0	0	0
39			33,795	510	x	x	x	x	7,143	1	91	0	0	0
40			1,000	0	x	x	x	x	108	0	0	0	0	0
41			10	0	x	x	x	x	1	0	0	0	1	0
42	New Hebron, <i>Crawford</i>	1909	1,350	210	x	x	x	x	297	0	0	0	146	0
43	Chapman, <i>Crawford</i>	1914	1,045	515	x	x	x	x	193	0	1	0	60	0
44	Parker, <i>Crawford</i>	1907	1,310	30	x	x	x	x	256	0	0	0	219	0
45	Allison-Weger, <i>Crawford</i>	y	1,075	20	x	x	x	x	147	0	0	0	65	0
46	Flat Rock, ³ <i>Crawford</i>	y	1,375	545	x	x	x	x	289	0	1	0	136	0
47	Birds, <i>Crawford, Lawrence</i>	y	4,370	115	x	x	x	x	684	0	28	2	424	0
48	Crawford County Division ⁴		45,665	1,945	147,306,000	1,398,000	x	x	9,190	1	121	135	5,849	0
49	Lawrence, <i>Lawrence, Crawford</i>	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

^bFootnotes to column heads and explanation of symbols are given on page 5.

¹Total of lines 2, 6, 10, 11, 15, 22, 27, 32.

²Includes Kibbie, Oblong, Robinson, and Hardinsville.

³Includes Swearingen gas.

⁴Total of lines 37, 42, 43, 44, 45, 46, 47.

PRODUCTION IN 1941

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

OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941

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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	During 1941		End of 1941		
										Completed	Abandoned	Temporarily Shut Down	Producing Oil ^c	Producing Gas ^e
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			420	0	x	x	x	x	55	0	1	0	0	30
58	St. Francisville, Lawrence 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, Mc- Donough, 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-Bend 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 Kues- ter-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.

OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941

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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	During 1941		End of 1941		
										Completed	Abandoned	Temporarily Shut Down	Producing Oil ^c	Producing Gas ^e
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.

PRODUCTION IN 1941

TABLE 1.—(Continued)

Line Number	Oil-production Methods, End of 1941		Reservoir Pressure, ⁴ Lb. per Sq. In.		Repressuring Operator ^d	Character of Oil		Producing Formation							Deepest Zone Tested to End of 1941		
	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	Depth Avg. Ft.		Net Thickness, Avg. Ft.	Structure ^h	Name	Depth of Hole, Ft.
												Top Prod. Zone	Bottoms Prod. Wells				
96	0	0	x	x		x	Devonian	Dev	L	Por	1,830	1,893	5	D	Dev	1,893	
97	0	27	x	x		36.4	Bethel	MisU	S	Por	1,008	1,024	11	A	Dev	2,454	
98	0	2	x	x		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	Tar Springs	MisU	S	Por	2,320	2,332	12				
101	0	3	x	x		x	Cypress	MisU	S	Por	3,595	2,614	5				
102	0	1	x	x		37.4	Bethel	MisU	S	Por	2,788	2,800	12				
103	0	13	x	x		37.2	McClosky	MisL	L	Por	2,965	2,978	6				
104	0	3	x	x		35.4	Aux Vases	MisU	S	Por	2,335	2,351	11		MisU	2,383	
105	0	1	x	x		35.2	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	Tar Springs	MisU	S	Por	2,340	2,360	15				
108	0	4	x	x		38.5	Cypress	MisU	S	Por	2,590	2,610	10				
109	0	1	x	x		36.4	McCloskey	MisL	L	Por	3,009	3,047	5				
110	4	672			PM									A	Dev	4,840	
111	0	23	x	x		37.9	Cypress	MisU	S	Por	2,670	2,680	10				
112	0	1	x	x		38.0	Bethel	MisU	S	Por	2,880	2,885	5				
113	0	9	x	x		38.0	Aux Vases	MisU	S	Por	2,910	2,935	15				
114	0	3	x	x		38.0	Rosiclare	MisL	L	Por	2,970	2,974	4				
115	4	628	x	x		38.5	McClosky	MisL	L	Por	2,980	2,990	10				
116	0	8															
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	Cypress	MisU	S	Por	1,185	1,201	9				
120	0	34	x	x		32.2	Bethel	MisU	S	Por	1,319	1,326	7				
121	0	2	x	x		36.1	Cypress	MisU	S	Por	1,105	1,110	5	D	MisU	1,110	
122	0	2	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	Cypress	MisU	S	Por	1,200	1,215	15				
125	0	529	x	10		37.4	Bethel	MisU	S	Por	1,355	1,375	20				
126	0	244	x	275		37.4	Devonian	Dev	L	Por	2,860	2,874	14				
127	0	1	x	x		43.2	"Trenton"	Ord	L	Por	4,020	4,120	40				
128	0	1	x	x		37.0	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	Cypress	MisU	S	Por	1,835	1,919	25				
131	0	1	x	x		36.6	McClosky	MisL	L	Por	2,000	2,027	12				
132	0	78												A	Dev	5,185	
133	0	3	x	x		34.0	Bridgeport	Pen	S	Por	1,571	1,622	10				
134	0	10	x	x		34.0	Waltersburg	MisU	S	Por	2,365	2,375	10				
135	0	3	x	x		38.0	Bethel ³⁴	MisU	S	Por	2,935	2,949	14				
136	0	3	x	x		39.0	Aux Vases ³⁴	MisU	S	Por	3,040	3,056	16				
137	0	60	x	200		40.0	McClosky	MisL	L	Por	3,108	3,119	11				
138	0	5															
139	0	4	x	x		38.5	McClosky	MisL	L	Por	3,266	3,325	8	D	MisL	3,325	
140	0	11	x	x		36.6	Cypress	MisU	S	Por	2,620	2,640	12	D	MisL	3,175	
141	0	2	x	x		39.1	McClosky	MisL	L	Por	3,341	3,343	12	D	MisL	3,343	
142	0	4	x	x		35.8	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	Bethel	MisU	S	Por	2,305	2,316	11				
145	0	8	x	x		38.1	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	Cypress	MisU	S	Por	1,493	1,515	22				
148	5	316	x	401		37.8	Paint Creek	MisU	S	Por	1,530	1,545	15				
149	5	413	x	382		38.5	Bethel	MisU	S	Por	1,550	1,566	16				
150	44	15	x	1,331		29.0	Devonian	Dev	L	Por	3,000	3,025	15				
151	171	16															

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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	During 1941			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	Whittington, 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			x	0	x	x	0	0	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	0	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			x	0	x	x	0	0	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	0
195			x	0	x	x	0	0	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	Marcoc, 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.

PRODUCTION IN 1941

TABLE 1.—(Continued)

Line Number	Oil-production Methods, End of 1941		Reservoir Pressure, ⁴ Lb. per Sq. In.		Repressuring Operations ^d	Character of Oil		Producing Formation							Deepest Zone Tested to End of 1941		
	Number of Wells		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	Depth Avg. Ft.		Net Thickness, Avg. Ft.	Structure ^h	Name	Depth of Hole, Ft.
	Flowing	Artificial Lift										Top Prod. Zone	Bottoms Prod. Wells				
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	423		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													
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															
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															
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

OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941

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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	During 1941		End of 1941		
										Completed	Abandoned	Temporarily Shut Down	Producing Oil ^c	Producing Gas
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	1	0	0	0	40
212	St. Francisville East, Lawrence	1941	30	0	x	x	0	0	3	3	0	0	2	0
213	South Lawrence, Lawrence	1941	60	0	x	x	0	0	7	7	0	0	7	0
214	Carlville 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	x	x	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	2,273,000	0	0	302	45	7	1	294	0
262			x	0	x	x	0	0	16	1	0	1	15	0

PRODUCTION IN 1941

TABLE 1.—(Continued)

Line Number	Oil-pro-duction Methods, End of 1941		Reservoir Pressure, ⁴ Lb. per Sq. In.		Repressuring Operations ^d	Character of Oil		Producing Formation							Deepest Zone Tested to End of 1941		
	Number of Wells		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	Depth Avg. Ft.		Net Thickness, Avg. Ft.	Structure ^h	Name	Depth of Hole, Ft.
	Flowing	Artificial Lift										Top Prod. Zone	Bottoms Prod. Wells				
209	0	0															
210	0	0	250	245			Bridgeport	Pen	S	Por	760	793	15	A	Dev	3,133	
211	0	0	395	280			Buchanan	Pen	S	Por	1,108	1,119	11				
212	0	3	x	x		40.1	Bethel	MisU	S	Por	1,765	1,773	8	A	MisL	1,962	
213	0	7	x	x		31.7	Buchanan	Pen	S	Por	1,369	1,397	11	D	Pen	1,405	
214	0	3	x	x		20.3	Pennsylvanian	Pen	S	Por	443	462	10	D	Pen	462	
215	0	2	x	x		37.1	Bethel, Rosiclare	MisU, MisL	S	Por	1,931	2,110	21	A	Dev	3,692	
216	0	113															
217	0	110	x	35		39.5	Bethel	MisU	S	Por	1,424	1,449	25	A	Dev	2,956	
218	0	3	x	x		40.9	Rosiclare	MisL	S	Por	1,562	1,572	10				
219	0	56															
220	0	51	x	265		36.1	Cypress	MisU	S	Por	1,340	1,360	20				
221	0	5	x	x		36.1	Bethel	MisU	S	Por	1,466	1,478	12				
222	22	2,336			PM												
223	0	439	x	x		38.5	Bethel	MisU	S	Por	1,797	1,838	40	A	St. Peter	5,655	
224	0	149	x	x		38.6	Aux Vases	MisU	S	Por	1,813	1,865	28				
225	0	523	x	x		39.0	McClosky	MisL	L	Por	1,975	2,048	17				
226	0	8	x	x		39.0	Salem	MisL	L	Por	2,156	2,222	17				
227	1	438	x	x		42.1	Devonian	Dev	L	Por	3,350	3,444	60				
228	20	79	x	x		42.0	Trenton	Ord	L	Por	4,500	4,625	50				
229	1	700												D	Dev	3,547	
230	0	54															
231	0	5	x	x		39.0	Bethel	MisU	S	Por	1,928	1,948	20				
232	0	15	x	x		39.0	Aux Vases	MisU	S	Por	2,003	2,038	30				
233	0	28	x	x		39.4	McClosky	MisL	L	Por	2,134	2,149	15				
234	0	6	x	x		41.0	Devonian	Dev	L	Por	3,490	3,505	15				
235	0	24	x	100		38.2	Bethel	MisU	S	Por	1,462	1,479	8	D	"Trenton"	4,100	
236	0	2	x	x		33.5	Pennsylvanian	Pen	S	Por	580	598	18	D	Pen	598	
237	0	4	x	x		34.1	Pennsylvanian	Pen	S	Por	611	625	14	D	Dev	1,784	
238	0	1	x	100		37.8	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	Bethel	MisU	S	Por	2,930	2,970	10				
241	0	1	x	x		x	Levias	MisL	L	Por	3,070	3,080	10				
242	0	4	x	x		38.1	McClosky	MisL	L	Por	3,130	3,170	6				
243	11	226												A	Dev	4,584	
244	0	1	x	x		37.0	Cypress	MisU	S	Por	2,570	2,590	23				
245	0	1	x	x		38.0	Aux Vases	MisU	S	Por	2,705	2,738	10				
246	11	222	x	x		38.4	McClosky	MisL	L	Por	2,869	2,920	13				
247	0	2															
248	0	231															
249	0	88	x	x		38.0	Cypress	MisU	S	Por	2,544	2,639	20	A	MisL	3,201	
250	0	143	x	x		39.0	McClosky	MisL	L	Por	2,957	3,003	10				
251	0	34	x	x		37.2	McClosky	MisL	L	Por	3,052	3,073	9	A	MisL	3,222	
252	0	4	x	x		37.0	McClosky	MisL	L	Por	3,012	3,068	6	D	MisL	3,120	
253	0	3	x	x		40.0	McClosky	MisL	L	Por	3,025	3,040	8	D	MisL	3,040	
254	5	19	x	x		39.5	McClosky	MisL	L	Por	3,120	3,130	12	A	MisL	3,130	
255	0	2	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	Bethel	MisU	S	Por	1,692	1,700	8				
258	0	1	x	x		32.0	Aux Vases	MisU	S	Por	1,723	1,735	9				
259	0	3	x	x		37.8	Aux Vases	MisU	S	Por	1,942	1,969	5	D	MisU	1,969	
260	0	2	x	x		37.6	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	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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	During 1941		End of 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	0	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			x	0	x	x	0	0	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			x	0	x	x	0	0	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			x	0	x	x	0	0	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	0	x	x	0	0	66	33	0	0	66	0
295			x	0	x	217,000	0	0	7	1	0	0	7	0
296			x	0	x	x	0	0	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			x	0	x	x	0	0	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			x	0	x	x	0	0	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			x	0	x	x	0	0	2	2	0	0	2	0

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

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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	During 1941		End of 1941		
										Completed	Abandoned	Temporarily Shut Down	Producing Oil ^c	Producing Gas ^e
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	x	x	0	x	x	0	0	2	2	0	0	2	0
329	x	x	x	0	x	x	0	0	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	x	x	0	x	x	0	0	2	0	0	0	2	0
333	x	x	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	x	x	0	x	x	0	0	4	4	0	0	4	0
339	x	x	x	0	x	x	0	0	1	1	0	0	1	0
340	x	x	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	x	x	x	0	x	x	0	0	1	1	0	0	1	0
343	x	x	x	0	x	x	0	0	2	2	0	0	2	0
344	x	x	x	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	x	x	x	0	x	x	0	0	1	1	0	0	1	0
347	x	x	x	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	x	x	0	x	x	0	0	2	2	0	0	2	0
350	x	x	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	x	x	0	x	x	0	0	5	4	0	0	5	0
353	x	x	x	0	x	x	0	0	33	6	0	0	33	0
354	x	x	x	0	x	x	0	0	2	1	0	0	2	0
355	x	x	x	0	x	x	0	0	20	3	0	0	20	0
356	x	x	x	0	x	x	0	0	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	x	x	x	0	x	x	0	0	1	1	0	0	1	0
360	x	x	x	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	x	x	0	x	x	0	0	4	4	0	0	4	0
363	x	x	x	0	x	x	0	0	30	30	0	0	30	0
364	x	x	x	0	x	x	0	0	1	1	0	0	1	0
365	x	x	x	0	x	x	0	0	8	8	0	0	8	0
366	x	x	x	0	x	x	0	0	1	1	0	0	1	0
367	x	x	x	0	x	x	0	0	5	5	0	0	5	0
368	x	x	x	0	x	x	0	0	1	1	0	0	1	0
369	x	x	x	0	x	x	0	0	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	x	x	0	x	x	0	0	1	1	0	0	1	0
372	x	x	x	0	x	x	0	0	16	2	0	0	16	0
373	x	x	x	0	x	x	0	0	22	13	0	0	22	0
374	x	x	x	0	x	x	0	0	80	50	0	0	80	0
375	x	x	x	0	x	x	0	0	11	5	0	0	11	0

²⁹ Abandoned 1939, revived Aug. 1940.³⁰ Abandoned 1941.

PRODUCTION IN 1941

TABLE 1.—(Continued)

Line Number	Oil-production Methods, End of 1941		Reservoir Pressure, ⁴ Lb. per Sq. In.		Repressuring Operations ^d	Character of Oil		Producing Formation							Deepest Zone Tested to End of 1941		
	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	Depth Avg. Ft.		Net Thickness, Avg. Ft.	Structure ^h	Name	Depth of Hole, Ft.
												Top Prod. Zone	Bottoms Prod. Wells				
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	7	D	MisL	3,135
323	0	2	x	x		39.0	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	x	x		x	x		MisL	L					A		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	x	x		x	x							D	MisL	3,432	
332	0	2	x	x		x	x	Rosciare	MisL	S	Por	3,260	3,404	9			
333	0	18	x	x		37.0	0.28	McClosky	MisL	L	Por	3,423	3,436	11			
334	0	1	x	x		x	x	McClosky	MisL	L	Por	3,191	3,201	7	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	3,353	3,373	4	D	MisL	3,373
337	0	6	x	x		x	x							D		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	x	x		x	x							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	x	x		x	x							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	x	x		x	x							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	x	x		x	x							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	x	x		x	x										
357	0	2	x	x		38.0	x	Palestine	MisU	S	Por	2,012	2,018	6	D	MisL	3,049
358	0	3	x	x		x	x							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	x	x		x	x							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	x	x		x	x										
370	3	644	x	x		x	x							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					
			Oil	Gas ^b	To End of 1941	During 1941	To End of 1941	During 1941	Completed to End of 1941	During 1941		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, Loudon 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, Loudon 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.

PRODUCTION IN 1941

TABLE 1.—(Concluded)

Line Number	Oil-production Methods, End of 1941		Reservoir Pressure, ⁴ Lb. per Sq. In.		Repressuring Operations ^d	Character of Oil		Producing Formation							Deepest Zone Tested to End of 1941		
	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	Depth Avg. Ft.		Structure ^h	Name	Depth of Hole, Ft.	
												Top Prod. Zone	Bottoms Prod. Wells				Net Thickness, Avg. 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															
381	0	4															
382	0	1	x	x		x	x	Waltersburg	MisU	S	Por	2,262	2,282	20	A	MisL	3,059
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															
387	0	4	x	x		38.0	x	Tar Springs	MisU	S	Por	2,115	2,125	10	A	MisL	2,850
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	13			
391	0	1	x	x		38.0	x	McClosky	MisL	L	Por	2,845	2,850	5			
392	0	4															
393	0	11															
394	0	1	x	x		x	x	Degonia	MisU	S	Por	1,997	2,007	10	A	Dev	5,349
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															
400	0	43	x	600		32.0	x	Waltersburg	MisU	S	Por	2,159	2,174	15	A	Dev	5,225
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															
406	0	14															
407	0	2	x	x		x	x	Paint Creek Stray	MisU	S	Por	2,760	2,805	27	A	MisL	3,150
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												
411	1	146	x	125		32.1	0.28	Waltersburg	MisU	S	Por	2,234	2,285	18	A	MisL	3,082
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															
415	0	73	x	x		39.8	0.14	Aux Vases	MisU	S	Por	3,221	3,241	20	A	MisL	3,316
416	0	17	x	x		38.0	0.16	McClosky	MisL	L	Por	3,316	3,391	14			
417	0	3															
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 com-

pleted, 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, Discovery Well	Number of Wells in Field Dec. 31, 1941
Alma, Marion	Svan-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	N E SW SE 24-6S-2E	2,148	2,111	Tar Springs sandstone	374	1-21-41	222
Benton, Franklin	McNaw, Drilling Co., Stuart No. 1	N E NE NE 11-6S-2E	2,794	2,789	Rosiclare sandstone	380	9-16-41	6
Bone Gap, Edwards	Tudeater Assoc., Oil Co., Gawthorp No. 1	N E NE NE 13-1S-10E	3,325	3,266	McClosky limestone	260	5-27-41	4
Bongas, Richland	Caspe, Daneroy, Powers No.	N W SW SE 34-5N-14W	3,170	3,118	McClosky limestone	940	8-26-41	1
Bongas, Richland	Craft, Dabbs No. 1	S W SE NE 8-2N-14W	2,655	2,474	Devonian limestone	172	9-30-41	7
Boulder, Clinton	Texas Company Gray No. 1	S W NE SE 15-3N-7W	3,290	3,272	Aux Vases sandstone	25	3-4-41	1
Bungala, Hamilton	Woodrider Dev. Co., Walker No. 1	W NE SE 20-10N-7W	447	436	Lower Pennsylvanian sandstone	10	12-2-41	3
Carlinville No. 1, Macoupin	Mudgett, Goebel No. 1	NE NE NE 5-4S-10E	2,925	2,887	Cypress sandstone	60	9-9-41	6
Centerville E., White	Vingling et al., Shepard No. 1	C S SE NW 10-2N-7E	3,482	3,494	McClosky limestone	3,608	12-16-41	6
Clay City W., Clay	Williams, Nolan No. 1	C E SE SW 2-3N-7E	1,482	1,482	Aux Vases sandstone	30	12-9-41	1
Cooks Mills, Coles	Carter Oil Co., Haybrook No. 1	S E NE SE 24-5S-5E	3,587	3,537	McClosky limestone	132	1-14-41	42
Dahlgreen, Hamilton	Duncan, Zelle, N. C. 1	NE SW NE 8-8S-7E	2,688	2,703	McClosky limestone	92	8-26-41	1
Ellington, Saline	Thompson Drill. Co., Reich No. 1	C E SE SW 7-2S-8W	2,028	2,000	Bethel sandstone	5	6-10-41	1
Ellville, Jackson	Wiser, Terhild No. 1	W SW SW 7-2S-8W	3,358	3,341	McClosky limestone	62	5-20-41	1
Ellery, Edwards	Castlet, Lester No. 1	SW SE NW 32-5S-10E	2,388	2,388	Patensine sandstone	90	9-9-41	4
Epworth, White	Wall, Mitchell, Kershaw No. 1	SW SW NE 32-5S-10E	2,896	2,896	Cypress sandstone	53	8-5-41	3
Geff, Wayne	Pura Oil Co., Johnson No. A-1	W SE NE 17-1S-8E	3,680	3,680	McClosky limestone	62	8-19-41	1
Grayville W., White	Blackstock, Conn. No. 1	NE NW SW 7-1S-8E	3,085	2,992	McClosky limestone	2,406	7-8-41	2
Johns River, Gallatin	Wiser Oil Co., Hillard No. 1	S E SW 27-1N-9E	1,735	1,723	McClosky limestone	37	7-15-41	217
Lakewood, Shelby	Shain, Cutler No. 1	S E SW 27-1N-9E	1,735	1,723	Aux Vases sandstone	37	4-29-41	2
Lebanon, White	Hallert, Hulse No. A-1	NE SW SW 17-6S-14E	2,838	2,824	Patensine sandstone	20	6-10-41	3
Maunie, White	Continental, Ackerman No. 1	NE NW NE 25-5S-10E	2,872	2,878	Bethel sandstone	15	5-13-41	52
Maunie S., White	Cherry and Kidd, March No. 1	SW NW NE 25-5S-10E	3,880	3,851	Aux Vases sandstone	175	8-26-41	2
Mayberry, Wayne	Texas, Calder No. 1	C N NW SW 26-3S-9E	3,880	3,352	McClosky limestone	175	8-26-41	2
New Harmony S., White	Rhodes, Golden No. 1	N W NW SW 26-3S-9E	2,282	2,218	Waltersburg sandstone	107	1-28-41	4
New Haven, White	Hiawath, Stinson No. 1	SW SW NW 26-3S-14W	2,129	2,115	Tar Springs sandstone	1,439	8-19-41	19
Parkersburg, Richland	Ohio Oil Co., Ridge No. 1	SE SW NW 26-3S-11W	3,129	3,115	McClosky limestone	24	3-25-41	24
Patoka E., Marion	Obear, Phillips, Thalman No. 1	N W NW NW 35-4N-1E	1,360	1,349	McClosky limestone	48	1-23-41	56
Patton, White	Obear, Phillips, Thalman No. 1	SW SE NW 27-1N-12W	2,316	2,302	Cypress sandstone	170	11-18-41	4
Pattoka E., Marion	Obear, Phillips, Thalman No. 1	N W NW NW 35-4N-1E	1,360	1,349	McClosky limestone	48	1-23-41	56
Posey, Clinton	Asheff, Lampen No. 1	SW NE NW 6-2N-12W	1,510	1,495	McClosky limestone	29	4-1-41	2
Rauk, Lawrence	DeKalb Agr. Assoc., King No. 1	S W NE NE 8-2N-11W	1,531	1,531	Buchanan sandstone	57	10-21-41	1
Rural Hill, Hamilton	Shell, Vercos No. 1	SW SW SE 11-6S-5E	3,194	3,188	McClosky limestone	794	8-5-41	94
St. Francisville E., Lawrence	Shelby, Wyoming, All States Life Ins. Co.	SE SE NW 22-2N-11W	1,762	1,747	Bethel sandstone	40	10-21-41	3
St. Paul, Fayette	Inttall, 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	N W SW NW 6-4N-14W	3,041	3,028	McClosky limestone	160	11-11-41	3
Ste Marie, Jasper	Craft and Powers, Wade No. 1	W SW NW 5-6N-14W	2,935	2,928	McClosky limestone	500	11-11-41	3
Sailor Springs, Clay	Robison, Foltner No. 1	SW NW SE 26-4N-2E	2,341	2,337	McClosky limestone	202	6-3-41	23
Sims, Wayne	Bell, Bacon, Foltner No. 1	W NE NW SE 26-4N-2E	3,195	3,158	Tar Springs sandstone	260	6-3-41	23
South Lawrence, Lawrence	Evarts, Catt No. 1	SW SE SW 34-5S-6E	1,497	1,486	McClosky limestone	240	5-27-41	4
Walpole, Hamilton	Chevigny, Phillips No. 1	SW NW SW 24-2N-12W	3,193	3,183	Buchanan sandstone	25	5-27-41	4
West Frankfort, Franklin	Adkins, Orient Coal Co. No. B-1	SE NE NW 12-2S-2E	2,080	2,040	Aux Vases sandstone	33	2-25-41	25
Xenia, Clay	Carter Oil Co., A. M. Keller	C W SW SW 4-2N-5E	2,806	2,786	Tar Springs sandstone	31	2-25-41	1
					Aux Vases sandstone	44	11-25-41	1

¹ Bethel sandstone production in area since 1936.

² Gas, millions of cubic feet.

EXTENSIONS TO POOLS

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., Richard	Ohio Oil Co., Lambert No. 1	SE SE NW 17-2N-14W	3,149	3,124	McClosky limestone	90	10-28-41
Bonpas W., Richard	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 & Weibert, 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	E $\frac{1}{2}$ 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 NW NE 25-2N-7E	3,065	3,039	McClosky 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 sandstone	100	4-22-41
Irvington, Washington	Powell, Holle No. 1	NW N 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	Olds, Riverside Park No. 1	SW NE 22-1N-6E	3,189	3,168	McClosky limestone	1,200	9-9-41
Mt. Carmel, Wabash	Pioneer Drill. Co., Williamson No. 1	NE SE SW 21-1S-12W	1,991	1,980	Cypress sandstone	180	5-20-41
Mason, Effingham	Kennedy, Carson No. 1	SW SE NE 16-1S-12W	2,112	2,081	Bethel sandstone	30	7-1-41
Mill Shoals, White, Hamilton	Lynch, Burk No. 1	SW SE NE 27-6N-5E	2,302	2,276	Bethel sandstone	175	6-10-41
Mill Shoals, White, Hamilton	Cherry & Kidd, Prell No. 1	NE SE SW 24-6S-10E	2,268	2,240	Tar Springs sandstone	147	6-3-41
New Harmony Cons., White	Cherry & Kidd, Gardner No. 1	SE SE NE 24-3S-7E	3,252	3,228	Aux Vases sandstone	125	10-21-41
New Harmony Cons., White	Bell Bros., Morris No. 1	NE SW NW 21-4S-14W	2,862	2,848	Tar Springs sandstone	116	2-4-41
New Harmony Cons., White	Compton & Potades, Gray No. 1	NE SW SW 5-5S-14W	2,978	2,944	Aux Vases sandstone	800	6-24-41
Noble, Richard	First Nat. Petr. Trust, Johnson No. 1	W SW NW 27-3N-9E	3,059	3,036	McClosky limestone	65	7-22-41
Noble, Richard	Davis, Schan No. 1	E NW SE 28-4N-9E	3,003	2,991	McClosky limestone	42	6-24-41
North Boos, Jasper	Pure Oil Co., Boley No. 1-A	SW NW NW 9-6N-10E	2,829	2,794	McClosky limestone	550	12-30-41
Parkersburg, Edwards	Lain, Henry No. 1-A	E SE NE 31-2N-14W	3,123	3,116	McClosky limestone	273	10-28-41
Roland, White	Central Park Line Co. and Kent Stremms 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	40	10-7-41
Sailor Springs, Clay	W. C. McBride, Inc., Drake No. 1	SE NW NE 34-4N-7E	2,610	2,581	Cypress sandstone	28	8-26-41
Sims, Wayne	Williams, Keck No. 1	NE NE SW 35-4N-7E	3,323	3,315	Tar Springs sandstone	57	9-23-41
Stokes, White	Swan-King, Spencer No. 1	SE SE NE 28-1S-6E	3,219	3,169	McClosky limestone	210	12-16-41
Walpole, Hamilton	Pure Oil and Carter Oil Cos., Kiser No. 1	SE SE SE 7-6S-9E	2,856	2,800	Paint Creek sandstone	134	7-15-41
Woburn, Bond	The Texas Co., Shasteen No. 1	CE SE SW 27-6S-6E	3,080	3,064	Aux Vases sandstone	161	7-8-41
Woodlawn, Jefferson	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	7-27-41

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 Bartleso.

^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 Loudon 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 Loudon 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	Bartleso	9-1N-3W	Mosebach, Schlarmann No. 1	4,213	St. Peter	4,175	Dry	4-22-41
Clinton	Wildcat	22-13N-1W	Obering et al., Yantis No. 1	2,871	Devonian	2,802	Dry	4-8-41
Clinton	Wildcat	27-1N-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	2-15-41
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	Dry	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., Peiker 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	Aispach, 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. Brunbold, 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; 64 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
Payette.....	238	190	0	28,076	0	476,575	388,525
Franklin.....	277	231	0	64,087	0	625,315	502,644
Pulton.....	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, Illinois.

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, McCloskey
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. loop 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 Loudon 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 Loudon 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 445,000,000 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 Loudon 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 Loudon 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 Loudon, 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	Payette	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 Loudon 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 Car-

lyle 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.

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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.						
1	Adams	12	2 S	901	St. Peter	C. Schachtsick Reichart 1	Dry		5-20-41
2	Adams	11	2 S	775	"Trenton"	Schachtsick—Dedith 1	Dry		8-26-41
3	Adams	21	1 S	690	"Trenton"	R. H. Oil W. Schwartz 1	Dry		12-9-41
4	Adams	11	2 S	970	St. Peter	Ohio Oil W. Schwartz 1	Dry		12-30-41
5	Bond	1	4 N	2539	Devonian	W. S. Tatum Andrews 1	Dry		3-4-41
6	Bond	1	4 N	1501	Ste. Genevieve	St. Charles	Dry		3-4-41
7	Bond	27	6 N	820	Pennsylvanian	Thomas Scharf et al. Califfetti 1	Dry		4-1-41
8	Bond	6	7 N	820	Pennsylvanian	Regent Oil Co. R. N. Harwood 1	Dry		4-29-41
9	Bond	36	7 N	1129	Ste. Genevieve	Regassa DeMoulin	Dry		6-17-41
10	Bond	35	7 N	1129	Ste. Genevieve	Regassa DeMoulin	Dry		7-1-41
11	Bond	15	6 N	2476	Lower Chester	Texas Co. W. Mull 1	Dry		7-15-41
12	Bond	35	6 N	927	Devonian	Regent Oil Co.—Harwood 2	Dry		7-29-41
13	Bond	11	4 N	1360	Chester	D. Penn & M. Conroy—J. Buchele 1	Dry		7-29-41
14	Bond	10	4 N	1207	Bethel	A. J. Housman—E. Dr. "A." 1	Dry		8-19-41
15	Bond	21	6 N	3206	"Trenton"	H. Schwarz & Shell—Strudebaker 1	Dry		8-31-41
16	Bond	11	4 N	1389	Ste. Genevieve	Fox & Conroy—Buche 2	Dry		8-5-41
17	Bond	11	4 N	1264	Bethel	Fox & Conroy—J. Elam 1	Dry		9-30-41
18	Bond	10	4 N	1027	Bethel	A. J. Housman—Dur "A." 2	Dry		10-7-41
19	Bond	11	4 N	1244	Pottsville	F. & C. Conroy—Birkenstock 1	Dry		10-21-41
20	Bond	27	5 N	601	Bethel	T. A. Booth—Meantz 1	Dry	Woburn ²	11-11-41
21	Bureau	9	18 N	980	"Trenton"	T. A. Booth—Meantz 1	Dry		11-18-41
22	Bureau	24	18 N	473	Silurian	F. E. Webb—J. Baird 1	Dry		2-4-41
23	Cass	9	18 N	501	Silurian	F. E. Webb—J. Baird 1	Dry		5-6-41
24	Champaign	18	17 N	1850	"Trenton"	E. J. Brobb—Stribling 1	Dry		10-3-41
25	Champaign	7	20 N	374	Devonian	Union Products Pet. Co.—Messman 1	Dry		5-20-41
26	Champaign	18	20 N	342	Devonian	Union Products Pet. Co.—L. Walters 1	Dry		6-17-41
27	Champaign	20	20 N	1400	Silurian	Union Products Pet. Co.—James 1	Dry		7-1-41
28	Champaign	18	22 N	1404	"Trenton"	Union Products Pet. Co.—C. Kirby 1	Dry		6-17-41
29	Champaign	24	15 N	2720	Devonian	C. Robinson—Springer 1	Dry		6-17-41
30	Christian	26	12 N	2016	Devonian	Olsen Drilling Co. E. L. Tex 1	Dry		10-28-41
31	Christian	9	13 N	1225	Aux Vases	Marlow et al.—Howell 1	Dry		6-10-41
32	Clark	8	10 N	640	Salem	Lewis Marsch—Kral 1	Dry		7-29-41
33	Clark	31	11 N	1710	Carper	N. Stewart—Wallace 1	Dry		8-26-41
34	Clark	29	11 N	1760	L. Mississippian	Sherrett et al.—Jeffers 1	Dry		4-15-41
35	Clark	23	12 N	1521	Devonian	B. Spencer et al.—Sharpe 1	Dry		4-29-41
36	Clark	23	12 N	1687	Devonian	Verl—Pinnell—Tyler 2	Dry		5-20-41
37	Clark	22	9 N	3119	Ste. Genevieve	Swan—Kings—Claypool 1	Dry		8-12-41
38	Clark	9	4 N	2750	Ste. Genevieve	C. L. Madrox—Levitt 1	Dry		12-16-41
39	Clark	17	5 N	2397	Aux Vases	Watren & Bradshaw—Crews Estate 1	Dry		3-18-41
40	Clark	26	5 N	2341	Tar Springs	A. R. Madden—Ging 1	Dry	Iola ²	4-22-41
41	Clark	5	3 N	2560	Ste. Genevieve	C. Robinson et al.—Iolliver 1	Dry	Sailor Springs	6-3-41
42	Clark	15	5 N	2610	Tar Springs	Kiptrick—Irwin 1	Dry		7-1-41
43	Clark	25	5 N	3157	St. Louis	Schulman Bros.—Ross 1	Dry		7-22-41
44	Clark	34	4 N	2610	Cypress	Speed et al.—Dennis Weber Heirs 1	Dry		7-29-41
45	Clark	23	4 N	3150	McClosky	W. C. McBride Inc.—M. Drake 1	Dry	Sailor Springs ²	8-29-41
46	Clark	20	3 N	2899	Weiler & Bethel	Delta Producing Co.—N. Crackel 1	Dry		8-19-41
47	Clark	18	3 N	2896	McClosky	Rock Hill Oil Co.—J. W. Doff 1	Dry	Clay City Cons. ²	9-23-41
48	Clark	35	3 N	2323	Tar Springs	Myers & Nelson—Newton 1	Dry		9-0-41
49	Clark	18	4 N	3014	Ste. Genevieve	B. F. Williams—Keck 1	Dry	Sailor Springs ²	9-23-41
50	Clark	26	4 N	2838	Ste. Genevieve	C. Robinson—H. E. Ditter 1	Dry		10-28-41
						Lain Oil & Gas—Aldrich 1	Dry		

OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941

TABLE 11.—Continued

No.	County	Location			Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbbls.)	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	8 E	2844	McClosky	C. Robinson—J. Coggan 1	Dry		10-7-41
53	Clay	4	2	5 E	2896	Aux Vases	Carter Oil—A. M. Keller 1	44	Xenia	11-25-41
54	Clay	1	2	8 E	3135	St. Genevieve	Walsh-Dye et al—Kudolph 1	Dry		11-4-41
55	Clay	36	5	7 E	3086	St. Louis	Longhorn & Mabee Drilling Cos.—J. Harmon 1	Dry		11-18-41
56	Clay	10	3	7 E	3083	McClosky	B. F. Williams—M. E. Nolan 1	3608	Clay City West	12-9-41
57	Clay	3	3	7 E	3183	St. Louis	Kingwood et al—O. H. Coggan 1	Dry		12-30-41
58	Clay	28	4	7 E	3083	St. Genevieve	A. H. Gibson—Harter 1	Dry		12-22-41
59	Clay	12	4	7 E	3596	St. Louis	Gulf Refining—K. Hastings 1	Dry		12-16-41
60	Clinton	15	1	1 W	1331	Aux Vases	A. R. Venuto—J. P. Taylor 1	Dry		1-7-41
61	Clinton	23	1	1 W	1436	Bethel	Holmes et al—Cooksey 1	Dry		1-28-41
62	Clinton	22	3	1 W	1202	Bethel	A. C. Niehoff et al—H. Maddux 1	Dry		2-4-41
63	Clinton	24	1	2 W	1593	Bethel	Williams et al—Thomas Estate 1	Dry		1-7-41
64	Clinton	1	2	1 W	1284	Bethel	K. Bartimus—Keet 1	Dry		3-4-41
65	Clinton	16	1	1 W	1452	Wetler	J. F. Ashoff—Lampen 1	Dry	Posey	4-1-41
66	Clinton	14	1	1 W	1452	Bethel	Kreigh et al—Phoenix 1	29		4-1-41
67	Clinton	8	1	2 W	1374	Bethel	Union Pipeline—J. Weinhart 1	Dry		4-29-41
68	Clinton	9	1	2 W	1538	St. Louis	B. E. Martin—W. Brinkmann 1	Dry		4-15-41
69	Clinton	25	3	1 W	1434	Devonian	Strawser et al—B. Winkler 1	Dry		4-15-41
70	Clinton	27	3	1 W	2870	St. Genevieve	Obering et al—Xants 1	Dry		4-22-41
71	Clinton	21	3	2 W	1426	Cypress	P. J. Campbell et al—S. Baum 1	Dry		4-8-41
72	Clinton	23	1	2 W	1392	Bethel	W. R. Holmes—Voigt 1	Dry		4-15-41
73	Clinton	18	1	2 W	1350	Bethel	Benoist et al—C. Curtis 1	Dry		5-20-41
74	Clinton	18	1	2 W	1350	Bethel	Max Conroy—Maschhoff 1	Dry		5-20-41
75	Clinton	23	1	4 W	1090	Bethel	A. Niehoff et al—B. Pehrman 1	Dry		5-13-41
76	Clinton	23	4	1 W	1434	Saint Creek	B. E. Martin—L. Heinzman 1	Dry		6-3-41
77	Clinton	27	2	1 W	1403	Bethel	Wilson—Lippert 1	Dry		5-13-41
78	Clinton	17	3	1 W	1390	Bethel	Jahns Oil Co.—D. Sanders 1	Dry		5-27-41
79	Clinton	19	2	1 W	1377	L. Mississippian	Tro Oil Co.—Palsmeier 1	Dry		6-10-41
80	Clinton	28	2	2 W	1155	St. Genevieve	Wiser Oil Co.—Rausch 1	Dry		7-1-41
81	Clinton	9	1	2 W	3217	"Pretont"	Ross Drilling Co.—Vogel 1	Dry		7-29-41
82	Clinton	2	1	5 W	1460	Bethel	I. K. Kerwin et al—M. Glaser 1	Dry		7-15-41
83	Clinton	10	2	3 W	1088	Bethel	A. W. Gerson et al—H. Billhart 1	Dry		8-5-41
84	Clinton	10	2	3 W	1088	Bethel	Hughes Petroleum Corp.—B. Hohman 2	Dry		8-12-41
85	Clinton	25	3	3 W	1309	Cypress	V. Thompson—Detters 1	Dry		8-26-41
86	Clinton	35	3	2 W	2653	Devonian	Lewis, Lilly & Hutchings—Sheppard 1	Dry	Boulder	9-23-41
87	Clinton	32	3	2 W	1245	Bethel	Texas Co.—P. Gray 1	171		9-30-41
88	Clinton	36	3	2 W	1323	Bethel	P. Doran—Kel 1	Dry		9-30-41
89	Clinton	37	3	2 W	1106	St. Genevieve	J. B. Finley et al—Bennett 1	Dry		9-23-41
90	Clinton	20	3	2 W	1500	Cypress	Browning & Jahns—Lampen 1-A	Dry		10-28-41
91	Clinton	37	3	1 W	1236	Bethel	Kerwin et al—Schlafly Farm 1	Dry		10-28-41
92	Clinton	37	3	1 W	1236	Bethel	J. Darnell et al—H. A. Beckemeyer 1	Dry		11-25-41
93	Clinton	25	3	2 W	1080	Wetler	J. Darnell—F. W. Beckemeyer 1	Dry		11-25-41
94	Clinton	33	3	10 E	1143	Devonian	Allen & Sherritt—Taylor 1	Dry		11-18-41
95	Coles	33	14	17 E	2243	Devonian	W. Thomas—S. P. Taylor 2	Dry		3-11-41
96	Coles	16	11	17 E	2353	St. Genevieve	B. F. Williams—Alexander 1	Dry		10-14-41
97	Coles	20	13	14 W	422	St. Genevieve	Eastern Ill. Oil—L. L. Hallock 1	Dry		12-2-41
98	Coles	28	13	17 W	453	Tar Springs	A. M. Meyers—Ashmore 1	Dry		11-18-41
99	Coles	28	13	7 E	1842	Aux Vases	Carter Oil—W. H. Haybrook 1	Dry		11-18-41
100	Coles	13	13	10 E	943	Devonian	Olen Humphres—Fee 1	30	Cook's Mills	12-9-41

101	Crawford	27	7	N	13 W	2006	Salem	I. Stelle—M. S. Davis 1	Dry	5-27-41
102	Crawford	26	12	N	17 E	1395	Pennsylvanian	Kuller—Jones 1	Dry	7-29-41
103	Douglas	33	12	N	6 E	850	Chester	Miller et Owens 1	Dry	4-15-41
104	Douglas	32	40	N	0 W	700	Devonian	Ill. Mfg. Co.—Carmine—J. Braag 1	Dry	10-28-41
105	DuPage	11	12	N	11 E	1175	Panconia	I. C. R. Smith—Cockroft 1	Dry	10-30-41
106	Edgar	13	12	N	0 W	1205	Salem	Lev et al—Cockroft 1	Dry	5-20-41
107	Edgar	14	12	N	14 W	450	Ste. Genevieve	R. Brown—Kirkham 1	Dry	7-1-41
108	Edgar	14	12	N	14 W	360	Basal Pennsylvanian	R. Brown—Kirkham 1	Dry	7-29-41
109	Edgar	14	12	N	14 W	407	Pennsylvanian	R. Brown—Kirkham 1	Dry	7-29-41
110	Edgar	14	12	N	14 W	590	Pennsylvanian	Monarch Oil Co.—Pinnell 1	Dry	7-29-41
111	Edgar	14	12	N	14 W	390	Pennsylvanian	Meyers—Courtney 1	Dry	7-29-41
112	Edgar	14	12	N	14 W	360	Pennsylvanian	Zink et al—Hunt 1	Dry	7-29-41
113	Edgar	19	15	N	13 W	960	Devonian	Zink et al—Kirkham 1	Dry	7-29-41
114	Edgar	14	12	N	14 W	130	Pennsylvanian	Western Leonard—E. Baker 1	Dry	6-17-41
115	Edwards	12	11	N	10 E	3407	Pennsylvanian	R. H. Pogue—J. P. Hornold 1	Dry	9-30-41
116	Edwards	13	1	S	3325	St. Louis	Wall & Mitchell—Stewart 1	Dry	12-9-41	
117	Edwards	4	1	S	3155	McClosky	Tide Water Assoc. Oil Co.—Gawthorp 1	Dry	1-7-41	
118	Edwards	4	1	S	2900	Weiler	R. Powers et al—Strauss 1	Dry	2-4-41	
119	Edwards	9	3	S	1867	Bethel	Baines—Hodgson 1	Dry	2-11-41	
120	Edwards	3	1	N	14 W	3125	Ste. Genevieve	Rife—Broster 1	Dry	2-25-41
121	Edwards	19	2	S	3351	McClosky	Seaboard Oil—Bradham 1	Dry	3-11-41	
122	Edwards	5	2	S	3150	Ste. Genevieve	R. B. Martin—Lester 1	Dry	5-20-41	
123	Edwards	31	2	N	14 W	3299	Ste. Genevieve	National Pet. et al—Crackie Heirs 1	Dry	8-5-41
124	Edwards	17	3	S	3123	McClosky	M. K. Menefee—McDowell 1	Dry	10-28-41	
125	Edwards	37	1	S	3169	Ste. Genevieve	Central Pipe Line—Kent-Stremme 1	Dry	10-28-41	
126	Edwards	17	3	S	3240	Ste. Genevieve	H. Riddle—M. K. Toops 1	Dry	10-14-41	
127	Edwards	13	3	S	3092	Bethel	Seaboard Oil—Nelson 1	Dry	11-4-41	
128	Edwards	13	8	N	10 E	3205	McClosky	Mabee Drilling—Smith 1	Dry	11-18-41
129	Bingham	18	8	N	4 E	1686	Bethel	Tide Water Assoc. Oil—Providence Mutual 1	Dry	12-16-41
130	Bingham	19	6	N	4 E	1686	Bethel	C. L. Ervin—Anderson 1	Dry	1-21-41
131	Bingham	27	0	N	4 E	2025	Bethel	C. L. Ervin—Patterson 1	Dry	1-21-41
132	Bingham	17	6	N	5 E	2302	Bethel	Lynch & Janson—J. Burk 1	Dry	3-18-41
133	Bingham	16	8	N	6 E	2551	Weiler	Doran—Dasebrook 1	Dry	6-10-41
134	Bingham	7	8	N	4 E	1562	Bethel	Carter Oil—R. Workman 1	Dry	6-24-41
135	Bingham	34	0	N	4 E	1694	Bethel	Carter Oil—J. N. Temmery 1	Dry	9-3-41
136	Bingham	31	0	N	4 E	1645	Bethel	A. Day—J. Hogue 1	Dry	8-10-41
137	Fayette	9	4	N	1 W	1703	Ste. Genevieve	Allied Oil & Youngblood—R. Walker 1	Dry	12-2-41
138	Fayette	13	4	N	1 E	3056	Devonian	Angelo-Twelve Oil Co.—Oates 1	Dry	1-7-41
139	Fayette	22	5	N	3 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	1-14-41
141	Fayette	29	8	N	2 E	1760	Bethel	Brown—Lockhard 1	Dry	1-14-41
142	Fayette	15	5	N	4 E	1735	St. Louis	Allied et al—Bonnell 1	Dry	2-25-41
143	Fayette	25	5	N	2 E	2685	St. Louis	J. H. Foster—Soldner 1	Dry	2-18-41
144	Fayette	36	5	N	2 E	2194	St. Louis	J. H. Hollenan—Krusse 1	Dry	3-18-41
145	Fayette	33	8	N	1 W	1507	Bethel	Pummill—Isbell 1	Dry	3-25-41
146	Fayette	18	7	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	30	5	N	3 E	1554	Ste. Genevieve	T. A. Booth et al—Kern 1	Dry	5-20-41
150	Fayette	29	5	N	3 E	2168	Ste. Genevieve	Kingwood et al—Torbeck 1	Dry	5-6-41
151	Fayette	3	5	N	3 E	2010	McClosky	Sun Ray Oil Co.—Boye 1	Dry	7-1-41
152	Fayette	23	4	N	3 E	1417	Sten Dean	Brio Developing Co.—Mahan 1	Dry	7-15-41
153	Fayette	4	8	N	3 E	1544	Sten Dean	Penn-Illinois Oil & Gas—Sloan 1	Dry	7-22-41
154	Fayette	21	6	N	1 W	1662	Ste. Genevieve	P. Bridges—C. Pisscus 1	Dry	8-5-41
155	Fayette	18	6	N	1 W	2933	Devonian ls.	I. T. Ehmre—Keith 1	Dry	8-26-41
156	Fayette	26	4	N	1 W	1469	Bethel	Fryer & Ratcliff Drilling Co.—Halford 1	Dry	9-30-41
157	Fayette	26	4	N	1 W	1891	Bethel	Booth & Booth—Defend 1	Dry	10-21-41
158	Fayette	31	5	N	3 E	1801	Bethel	Luttrell—Ford 1	Dry	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

Bone Gap

Ellery

Parkersburg²

Bone Gap³

Mason²

St. Paul

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	2 E	2220	Tar Springs	Taylor Drilling Co.—Mailkey Heirs 1	Dry	Benton	2-4-41
162	Franklin	24	6	2 E	2148	Tar Springs	Adkins—Orient Coal Co. 1	374		1-21-41
163	Franklin	19	6	3 E	2289	Glen Dean	Wegener—C.W.&F. Coal Co. 1	Dry		1-28-41
164	Franklin	36	14	4 E	3220	Ste. Genevieve	Helmerick & Payne—P. M. Marvel 1	Dry		1-21-41
165	Franklin	16	7	3 E	950	Pennsylvanian	E. L. Shoudy—Ziegler Coal Co. 1	Dry		2-18-41
166	Franklin	12	34	2 E	2080	Tar Springs	E. S. Adkins—Orient Coal Co. 1-B	31	West Frankfort	2-25-41
167	Franklin	21	6	4 E	3193	Ste. Genevieve	Vandenbark—Guaranty Co. 1	Dry		3-4-41
168	Franklin	36	6	1 E	2925	Ste. Genevieve	L. & W. Drilling Co.—Plumlee 1	Dry		4-1-41
169	Franklin	8	3	2 E	2163	Tar Springs	W. O. Morgan—J. P. Minor 1	912	Benton ²	4-22-41
170	Franklin	16	5	4 E	3314	Ste. Genevieve	Bay Oil Co.—Franklin County Coal Co. 1	Dry		4-29-41
171	Franklin	29	6	2 E	2831	Ste. Genevieve	Yingling et al.—C. Webb 1	Dry		5-20-41
172	Franklin	16	6	4 E	3089	Aux Vases	Adkins—Old Ben Coal "H" 1	Dry		5-6-41
173	Franklin	36	6	2 E	3053	Ste. Genevieve	Shuk & Buerkle—Akin 1	Dry		5-27-41
174	Franklin	14	2	2 E	3021	Ste. Genevieve	E. S. Adkins—Old Ben Coal "F" 1	Dry		6-10-41
175	Franklin	17	6	3 E	2150	Tar Springs	D. Margrave—Bethel Church 1	Dry		7-22-41
176	Franklin	17	6	3 E	2222	Tar Springs	Bay Oil Co.—D. Johnston 1	Dry		7-15-41
177	Franklin	12	5	3 E	3292	McClosky	Burhans (Yingling & Hayes)—Viehe 1	Dry		7-8-41
178	Franklin	28	3	3 E	3050	McClosky	Graddy & Daniel—Fitzgerrell 1	Dry		8-5-41
179	Franklin	11	5	2 E	2794	Rosiclare	Mohawk Drilling Co.—S. Stuart 1	380	Benton North	9-16-41
180	Franklin	28	5	2 E	2961	St. Louis	Carter Oil—Evan Sherriff 1	Dry		9-16-41
181	Franklin	9	5	3 E	3091	St. Louis	Jungbecker et al.—Mitchell 1	Dry		10-21-41
182	Franklin	1	5	3 E	2623	Paint Creek	Oil Carriers—Casper 1	240	Benton North ²	10-21-41
183	Franklin	1	5	2 E	2988	Ste. Genevieve	F. McQuigg—Old Ben Coal 1	Dry		10-7-41
184	Franklin	5	6	4 E	3265	Ste. Genevieve	Carter Oil—U. S. Coal & Coke 1	Dry		10-28-41
185	Franklin	20	6	2 E	2827	Ste. Genevieve	G. Daly—Collins 1	Dry		10-14-41
186	Franklin	34	7	2 E	2827	Ste. Genevieve	Schlaflay—Provart 1	Dry		11-11-41
187	Franklin	15	5	1 E	3016	St. Louis	Eason Oil—U. S. Fuel 1	Dry		11-4-41
188	Franklin	25	5	4 E	3347	Ste. Genevieve	Oil Carriers—Franklin County Coal 1	Dry		11-11-41
189	Franklin	28	7	2 E	2741	Ste. Genevieve	Bell & Zoller—Zeigler Coal & Coke 1	Dry		12-2-41
190	Franklin	19	7	3 E	2823	Ste. Genevieve	Adkins—Ice 1	Dry		12-2-41
191	Franklin	21	5	2 E	2953	Ste. Genevieve	E. S. Adkins—Old Ben Coal "L" 1	Dry		12-30-41
192	Franklin	5	5	2 E	2860	Ste. Genevieve	Adkins—H. Taylor 1	Dry		12-22-41
193	Franklin	25	5	2 E	2830	Ste. Genevieve	Adkins—H. Taylor 1	Dry		12-22-41
194	Franklin	30	6	1 E	2830	"Trenton"	J. W. Menhall—V. Horn 1	Dry		3-11-41
195	Fulton	14	7	1 E	955	"Trenton"	Lee Twp. Oil Co.—Ougle 1	Dry		5-13-41
196	Fulton	11	14	1 E	3048	St. Louis	Lee Twp. Oil Co.—R. Walker 1	Dry		4-15-41
197	Gallatin	14	8	8 E	2118	Menard	Duncan & Lester—E. A. Green 1	Dry		4-29-41
198	Gallatin	24	8	9 E	1955	Far Springs	Fitzgerrell—Doherty 1	Dry		6-3-41
199	Gallatin	9	9	10 E	2375	Weiler	Homburg et al.—Hughes 1	Dry		5-13-41
200	Gallatin	4	9	8 E	2810	Ste. Genevieve	Arrow Drilling Co.—John Hancock Ins. Co. 1	Dry		5-13-41
201	Gallatin	16	6	10 E	2810	Ste. Genevieve	R. B. Martin et al.—Clayton 1	Dry		5-27-41
202	Gallatin	9	8	9 E	3020	McClosky	Blackstock et al.—Cox 1	40	Inman North	7-15-41
203	Gallatin	2	8	9 E	2881	Renaut	Ryan Oil Co.—Crunk 1	Dry		7-22-41
204	Gallatin	10	8	10 E	2841	Ste. Genevieve	Vandenbark—Browning 1	Dry		7-15-41
205	Gallatin	18	9	8 E	2611	McClosky	Crum & Turner—Muenstremann 1	Dry		7-29-41
206	Gallatin	16	8	8 E	505	Pennsylvanian	C. Wilson—Rogers 1	Dry		9-3-41
207	Gallatin	26	8	10 E	3047	St. Louis	R. B. Martin—Agnew 1	Dry		8-19-41
208	Gallatin	7	9	8 E	565	Pennsylvanian	Wall et al.—Mossman 1	Dry		8-5-41
209	Gallatin	35	7	8 E	3042	McClosky	N. V. Duncan—Greer 1	Dry		9-23-41
210	Gallatin	21	8	9 E	2970	McClosky	Sinclair Oil—Schmitt 1	Dry		10-14-41

211	Gallatin.....	28	9	2992	McClosky	Delta Drilling—Minier 1	Dry	10-14-41
212	Gallatin.....	21	8	3120	St. Louis	Carter Oil—H. D. Whipple 1	Dry	12-16-41
213	Greene.....	4	11	570	Pennsylvania	Scroggin—McVay 1	Dry	6-3-41
214	Hamilton.....	34	5	3359	McClosky	D. Duncan—Zeller 1	Dry	1-14-41
215	Hamilton.....	35	5	3489	St. Louis	Exchange Oil Co.—E. Silliman "A" 1	Dry	2-4-41
216	Hamilton.....	13	5	3567	Ste. Genevieve	H. E. Ledbetter—D. Hunt 1	Dry	1-7-41
217	Hamilton.....	36	7	3295	Ste. Genevieve	R. B. Martin—McKenzie 1	Dry	3-4-41
218	Hamilton.....	31	6	3433	St. Louis	Kingwood Oil Co.—Lasswell 1	Dry	3-4-41
219	Hamilton.....	26	7	3290	Aux Vases	Woodrifer Development Co.—Walker 1	Dry	3-4-41
220	Hamilton.....	1	4	3450	Aux Vases	Wickwire & Powers—Patterson 1	Dry	4-15-41
221	Hamilton.....	17	6	3266	Ste. Genevieve	E. S. Adkins—Federal Chem. & Coke Co. 1	Dry	4-22-41
222	Hamilton.....	27	6	3461	Ste. Genevieve	Youngblood—Johnson 1	Dry	5-20-41
223	Hamilton.....	27	6	3315	St. Louis	E. S. Adkins—Fed. Chem. & Coke Co. 2	Dry	5-13-41
224	Hamilton.....	17	6	3344	Ste. Genevieve	D. P. Oil Co.—C. D. Miller 1	Dry	6-10-41
225	Hamilton.....	33	5	3385	Ste. Genevieve	H. H. Wemert, Inc.—Clark 1	Dry	6-17-41
226	Hamilton.....	32	5	3446	Ste. Genevieve	Texas Co.—E. McDonald 1	Dry	6-24-41
227	Hamilton.....	11	6	3078	Aux Vases	J. Cheigny—H. H. Phillips 1	Dry	7-1-41
228	Hamilton.....	26	6	3193	Aux Vases	Ryan Oil Co.—Hunt 1	Dry	6-24-41
229	Hamilton.....	28	6	3332	McClosky	Mid-Sun Oil Corp.—M. Hall 1	Dry	7-8-41
230	Hamilton.....	19	7	3520	St. Louis	Ohio Oil Co.—First Nat'l Bank 1	Dry	7-15-41
231	Hamilton.....	5	6	3587	McClosky	Texas Co.—J. Shasteen 1	Dry	7-8-41
232	Hamilton.....	27	7	3080	Aux Vases	Shell Oil Co.—Ventres 1	Dry	8-5-41
233	Hamilton.....	12	6	3194	Levias	Texas Co.—A. G. Johnson 1	Dry	8-5-41
234	Hamilton.....	22	6	3355	McClosky	Texas Co.—A. G. Johnson 1	Dry	9-16-41
235	Hamilton.....	24	6	3490	McClosky	J. J. Callahan—Uitch 1	Dry	10-21-41
236	Hamilton.....	18	3	3252	Aux Vases	Cherry & Kidd—R. E. Gardner 1	Dry	10-7-41
237	Hamilton.....	3	6	3342	McClosky	Smokey Oil—J. D. Cluck 1	Dry	11-4-41
238	Hamilton.....	18	3	3596	Ste. Genevieve	Ohio Oil—R. W. Aydt 1	Dry	11-4-41
239	Hamilton.....	29	5	3525	Ste. Genevieve	Ryan Oil & Refining—Mitchell 1	Dry	12-2-41
240	Hamilton.....	5	5	3463	Ste. Genevieve	A. J. Hammer—H. E. Seel 1	Dry	11-25-41
241	Hamilton.....	22	5	3527	Ste. Genevieve	Mid-Sun Oil Corp.—Hoffman 1	Dry	11-18-41
242	Hamilton.....	3	5	3478	Ste. Genevieve	Kingwood Oil—C. Johnson 1	Dry	12-2-41
243	Hamilton.....	29	4	3594	Ste. Genevieve	J. L. Youngblood et al.—L. Thompson 1	Dry	12-30-41
244	Hamilton.....	36	5	3541	St. Louis	Mid-Sun Oil Corp.—Dageler 1	Dry	12-9-41
245	Hamilton.....	22	5	3582	Ste. Genevieve	Zephyr Drilling—Stephens 1	Dry	12-30-41
246	Hamilton.....	12	6	3419	Ste. Genevieve	Sun Oil—G. Moss 1	Dry	12-9-41
247	Hamilton.....	22	6	3394	Ste. Genevieve	G. C. Curtis—C. Foster 1	Dry	12-30-41
248	Hancock.....	15	5	2085	Dreshach	Sam Tate et al.—Rice 1	Dry	4-29-41
249	Jackson.....	28	5	1250	L. Trenton	Magnolia Pet. Co.—Smith Heirs 1	Dry	1-21-41
250	Jackson.....	18	3	3893	L. Mississippi	W. R. White—Ralph Dean 1	Dry	2-18-41
251	Jackson.....	22	1	2028	Bethel	Wiser Oil—Overholt 1	Dry	6-10-41
252	Jackson.....	18	3	2330	Ste. Genevieve	C. Mercer et al.—P. Williams 1	Dry	9-3-41
253	Jackson.....	0	3	1850	Salern	Barton & Shipman—Maharry 1	Dry	9-23-41
254	Jackson.....	33	1	2319	Ste. Genevieve	W. E. Skeels et al.—P. Williams Estate 1	Dry	9-23-41
255	Jackson.....	20	1	2373	Ste. Genevieve	E. S. Adkins—Parrish 1	Dry	11-18-41
256	Jackson.....	9	2	2015	Aux Vases	Glenwood Oil—Truax-Traer Coal 1	Dry	12-2-41
257	Jasper.....	36	7	2557	St. Louis	Johnson Oil & Refining Co.—J. Huddleston 1	Dry	1-28-41
258	Jasper.....	6	10	2902	Ste. Genevieve	C. Buehler—Payne 1	Dry	3-18-41
259	Jasper.....	23	10	2893	Ste. Genevieve	Pure Oil Co.—Ochs "A" 1	Dry	3-11-41
260	Jasper.....	9	9	2973	St. Louis	Conner & Arnold—First Nat'l Bank 1	Dry	4-29-41
261	Jasper.....	1	10	2829	McClosky	Lain Oil & Gas Co.—C. E. Henry "B" 1	Dry	5-6-14
262	Jasper.....	36	10	2720	Ste. Genevieve	J. Gordon—Snyder 1	Dry	7-22-41
263	Jasper.....	11	10	2750	Ste. Genevieve	Pure Oil Co.—Wagner Consolidated 1	Dry	8-26-41
264	Jasper.....	15	9	3131	St. Louis	Snclair-Wyoming—B. M. Freeman 1	Dry	9-30-41
265	Jasper.....	10	9	3144	Ste. Genevieve	Great Lakes Drilling—D. Douthit 1	Dry	10-14-41
266	Jasper.....	5	8	2935	McClosky	Craft & Powers—C. Wade 1	Dry	11-25-41
267	Jasper.....	3	14	3053	St. Louis	F. Jablonski et al.—H. C. Fischer 1	Dry	12-30-41
268	Jefferson.....	18	1	2513	Ste. Genevieve	W. Lewis—German 1	Dry	2-4-41
269	Jefferson.....	29	3	2865	Ste. Genevieve	Whisenant & Trenchard—Grant 1	Dry	2-4-41
270	Jefferson.....	22	2	1938	Bethel	L & W Drilling Co.—C. O. Sargent 1	Dry	5-27-41

Dahlgren

Bungay

Hoodville²
Walpole

Walpole²
Rural Hill

Mill Shoals

Elkville

North Boos²

Ste. Marie

Dix

OIL AND GAS DEVELOPMENT IN ILLINOIS IN 1941

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	2 E	2 E	2265	Ste. Genevieve	C. C. Nye—Mooney 1	Dry		6-24-41
273	Jefferson	17	1 E	1 E	2278	St. Louis	Kingwood Oil Co.—Landis 1	Dry		6-17-41
274	Jefferson	30	4 E	4 E	2886	St. Louis	Kingwood Oil Co.—Sledge 1	Dry		7-22-41
275	Jefferson	35	1 S	1 E	1978	Bethel	Kingwood Oil Co.—First Nat'l Bank 1	961	Woodlawn	7-22-41
276	Jefferson	35	3 E	3 E	3122	Ste. Genevieve	Yingling & Hayes—Murphy-Pearce 1	Dry		7-22-41
277	Jefferson	12	4 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. Pieszchalski 1	Dry		8-26-41
279	Jefferson	26	2 S	2 E	3057	St. Louis	Gull—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		9-30-41
285	Jefferson	26	2 S	3 E	3061	Ste. Genevieve	Longhorn Oil—Severs 1	Dry		9-9-41
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.—McNeil 1	Dry		12-16-41
291	Jefferson	18	2 S	2 E	2439	St. Louis	T. Blake Dirrickson—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		12-22-41
294	Jefferson	14	2 S	3 E	3189	Ste. Genevieve	Robinson-Puckett—Holshouser Estate 1	Dry		12-9-41
295	Jefferson	5	4 S	4 E	4250	Devonian	Benedum-Trees Oil Co.—Cavitt 1	Dry		3-11-41
296	Johnson	24	11 S	3 E	708	Pennsylvanian	Harding & Harlowe—R. McCuan 1	Dry		9-23-41
297	Johnson	10	10 N	3 E	1200	"Trenton"	J. O. Davis—Byland 1	Dry		6-3-41
298	Knox	10	10 N	3 E	986	Franconia	A. L. Greer—S. Davis Estate 1	Dry		7-29-41
299	LaSalle	23	35 N	2 E	445	St. Peter	O. L. Hanna—Lloyd Sage 1	Dry		9-30-41
300	LaSalle	8	32 N	2 E	1260	"Trenton"	Elko Oil & Gas—Duncan 1	Dry		9-16-41
301	LaSalle	27	33 N	1 E	2503	"Trenton"	Perry—R. N. Brown 1	Dry		1-7-41
302	Lawrence	22	3 N	13 W	5013	McClosky	Robinson—Sauers 1	Dry		2-25-41
303	Lawrence	20	2 N	12 W	1623	Ste. Genevieve	R. R. Willis—W. H. Finkstaff 1	Dry		4-15-41
304	Lawrence	23	2 N	11 W	1397	Buchanan	C. Everts—Catt 1-A	25	South Lawrence	5-27-41
305	Lawrence	23	2 N	12 W	2200	St. Louis	C. Everts—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	W. Payne—H. Payne 1	Dry		7-29-41
308	Lawrence	20	3 N	11 W	1986	McClosky	W. D. Anderson—Stockman Heirs 1	Dry		7-29-41
309	Lawrence	7	2 N	12 W	2442	St. Louis	Midwest Development—Mullens 1	Dry		7-22-41
310	Lawrence	15	2 N	12 W	2175	St. Louis	J. Young—Gerhart 1	Dry		8-12-41
311	Lawrence	20	4 N	10 W	1700	Ste. Genevieve	Stclair-Wyoming Oil—All-States Life 1	Dry		9-3-41
312	Lawrence	22	2 N	11 W	1762	Bethel	DeKalb Agricultural Assn.—J. King 1	Dry		10-21-41
313	Lawrence	8	2 N	12 W	1531	Buchanan	Stocker-Kiefer—Rogers 1	57	St. Francisville E.	10-21-41
314	Lawrence	17	2 N	12 W	2361	McClosky	A. B. Hanna—F. Carey 1	40	Ruark	10-7-41
315	Lawrence	28	4 N	3 W	590	Niaganar	Bancroft & Bowman—W. A. Murray 1	Dry		1-7-41
316	McDonough	8	4 N	4 W	902	"Trenton"	Oil Producers Syndicate—R. L. Dixon 1	Dry		2-4-41
317	McDonough	8	5 N	4 W	675	Devonian	C. H. Harrison—G. Bowman 2	Dry		7-1-41
318	McDonough	19	4 N	4 W	741	"Trenton"	Funks Grove Oil Co. & Gas—E. Crawford 1	Dry		7-29-41
319	McLean	28	22 N	1 E	2115	"Trenton"	Fred Mudgett—Dorks 1	Dry		5-27-41
320	Macoupin	30	10 N	7 W	560	Pennsylvanian		Dry		1-7-41

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

Carlinville North

East Patoka

Alma

TABLE 11.—Continued

No.	County	Location		Total depth (feet)	Deepest horizon tested	Company and farm name	Initial production (bbbls.)	Field name of new discoveries and extensions	Date of completion
		Sec.	Twp.						
381	Randolph	35	5 S	1175	Aux Vases	Ruwaldt—D. Schuette 1	Dry		7-8-41
382	Randolph	5	5 S	1010	Chester	A. C. Burger—C. Inselman 1	Dry		7-8-41
383	Randolph	12	5 N	625	Ste. Genevieve	Holst Oils Corp.—Falkenheim 1	Dry		8-19-41
384	Richland	12	2 N	3180	Ste. Genevieve	R. Johnson—E. Richard 1	Dry		2-11-41
385	Richland	12	3 N	3185	Ste. Genevieve	Pure Oil Co.—O. C. Borah "A" 1	Dry		4-22-41
386	Richland	34	3 N	3129	McClosky	Case-Pomeroy—Bowers 1	260	Bonpas	5-27-41
387	Richland	27	3 N	3059	McClosky	J. Davis—S. C. Schan 1	42	Noble ²	6-24-41
388	Richland	5	2 N	3120	McClosky	R. Werner—C. Smith 1	Dry		7-22-41
389	Richland	8	2 N	3171	McClosky	C. R. Craft—Dauts 1	940	Bonpas West	8-26-41
390	Richland	29	2 N	3129	McClosky	Ohio—H. Koertge 1	1459	Parkersburg	8-19-41
391	Richland	27	3 N	3100	Ste. Genevieve	Texas—H. Shan 1	Dry		8-5-41
392	Richland	18	3 N	3394	St. Louis	Sinclair—Wyoming—T. Legan 1	Dry		10-28-41
393	Richland	26	2 N	3331	St. Louis	R. B. Martin—J. Desicher 1	Dry		10-28-41
394	Richland	17	2 N	3349	McClosky	Ohio Oil—M. Lambert 1	Dry		10-14-41
395	Richland	23	4 N	3073	St. Louis	Richey et al.—C. Richey 1	Dry		12-2-41
396	Richland	2	3 N	3000	Ste. Genevieve	Pure Oil—D. M. Miller 1	Dry		11-11-41
397	Richland	6	4 N	3041	McClosky	E. Nolf et al.—A. Nuding 1	190	Stringtown	11-11-41
398	Richland	13	2 N	3065	St. Louis	Seaboard Oil—A. Wetzel 1	Dry		12-22-41
399	Richland	16	2 N	3206	Ste. Genevieve	W. Duncan—W. C. Bierhaus 1	Dry		12-22-41
400	Richland	28	4 N	3003	McClosky	Pure Oil—L. R. Boley "A" 1	550	Noble ²	12-30-41
401	Richland	20	2 N	3162	McClosky	Ohio Oil—G. G. Hull 1	30	Bonpas West ²	12-16-41
402	St. Clair	32	1 N	550	Bethel	A. F. Alspach—L. J. Smith 1	Dry		4-29-41
404	St. Clair	29	3 S	960	Salem	G. A. Morris—V. Rasp 1	Dry		5-13-41
405	St. Clair	31	3 S	635	Bethel	Gus Kinze—McCurdy 1	Dry		6-24-41
406	St. Clair	2	2 S	585	Aux Vases	A. F. Alspach—S. Boyle 1	Dry		6-17-41
407	St. Clair	13	2 S	1450	Decorah-Plattin	Magnolia Pet.—Monroe Probst 1	Dry		7-15-41
408	St. Clair	32	2 S	466	McClosky	E. Geck—Frees 1	Dry		9-30-41
409	St. Clair	26	1 N	2075	"Trenton"	G. A. Morris—V. Rasp 1-A	Dry		10-14-41
410	St. Clair	18	1 N	1499	"Trenton"	Gass & Frazier—Hahn 1	Dry		11-25-41
411	St. Clair	5	3 S	709	Bethel	Burges—Eidman 1	Dry		11-11-41
412	Saline	2	10 S	490	Ste. Genevieve	E. Geck—A. Goodman 1	Dry		12-2-41
413	Saline	20	7 S	1857	Goconda	Williams—A. Smith 1	Dry		2-25-41
414	Saline	34	8 S	3362	St. Louis	Massey & Diggs—Hardesty 1	Dry		3-18-41
415	Saline	25	9 S	2582	Bethel	Taylor Drilling Co.—Porter 1	Dry		6-3-41
416	Saline	22	5 S	2645	St. Louis	J. H. Williams—McCarty 1	Dry		6-10-41
417	Saline	8	7 E	3295	Ste. Genevieve	Compton-Fotiades—Hudgins 1	Dry		7-15-41
418	Saline	17	8 S	2998	McClosky	Thompson Drilling Co.—J. Reich 1	Dry		7-15-41
419	Saline	28	8 S	2262	Tar Springs	Thompson Drilling Co.—O. Carter 1	92	Eldorado	8-26-41
420	Saline	30	7 S	2215	Tar Springs	Potter et al.—Sutton 1	Dry		10-21-41
421	Saline	31	8 S	3385	Ste. Genevieve	R. Hall Compton—Ray Durham 1	Dry		10-14-41
422	Schuyler	31	3 N	3142	St. Louis	Kingwood Oil—C. A. Gullett 1	Dry		12-16-41
423	Scott	27	13 N	735	"Trenton"	T. K. Degenther—Scott 1	Dry		12-30-41
424	Shelby	27	10 N	1050	St. Peter	A. L. Beffel—E. C. Adams 1	Dry		3-25-41
425	Shelby	3	3 E	1741	Bethel	Guild et al.—Hunter 1	Dry		1-28-41
426	Shelby	36	13 N	3061	Devonian	O. C. Brunsbold—Harley-Yantis 1	Dry		2-4-41
427	Shelby	9	10 N	1702	Weiler	Rose & Durbin—Flemmer 1	Dry		2-25-41
428	Shelby	26	12 N	1637	Aux Vases	Stewart Oil Co.—McGarr 1	Dry		3-11-41
429	Shelby	12	10 N	1735	Aux Vases	W. H. Sloan—Cutler 1	Dry		4-29-41
430	Shelby	30	3 E	1760	Bethel	J. Moore—Fee 1	37	Lakewood	4-29-41
431	Shelby	22	11 N	2091	St. Louis	Ohio Oil Co.—Elliott 1	Dry		4-29-41

431	Shelby	1	10	N	2	E	1874	Fredonia	Sloan—Powers 1	Div	6-10-41
432	Shelby	16	11	N	3	E	1843	St. Louis	Natl Petroleum Co.—Bilyew 1	Div	7-1-41
433	Shelby	22	13	N	3	E	2022	Devonian	Olsen Drilling Co.—Atkinson 1	Div	7-1-41
434	Shelby	2	9	N	4	E	2043	St. Louis	Natl Petroleum—Montooth 1	Div	7-15-41
435	Shelby	5	9	N	4	E	2055	McClosky	Carter Oil Co.—E. Leach 1	Div	8-5-41
436	Shelby	5	10	N	4	E	1805	Aux Vases	Wiser Oil—W. B. Smith 1	Div	10-14-41
437	Shelby	28	10	N	4	E	2285	Salem	Carter Oil—L. Storm 1	Div	11-25-41
438	Vermilion	3	18	N	1	S	1775	Devonian	R. N. Sylvestre—Trisler 1	Div	6-10-41
439	Wabash	18	3	S	13	W	2890	St. Louis	R. S. Hayes et al—Fisher 1	Div	6-10-41
440	Wabash	3	1	S	14	W	2950	St. Louis	Exchange Oil Co.—M. A. Strasser 1	Div	1-28-41
441	Wabash	1	2	S	14	W	2800	St. Louis	Harvey et al—Strine 1	Div	2-11-41
442	Wabash	13	1	N	14	W	2993	St. Louis	Yingling & Hayes—Tanquary 1	Div	3-4-41
443	Wabash	26	1	N	14	W	3002	St. Genevieve	White & Wickwire—Fox 1	Div	3-25-41
444	Wabash	19	1	N	11	W	2346	St. Genevieve	Heyle & Troup—Dager 1	Div	3-11-41
445	Wabash	31	2	N	11	W	2120	St. Genevieve	Illinois-Mid Continent—J. Keiffer 1	Div	4-8-41
446	Wabash	32	3	N	12	W	2507	St. Louis	Snowden & McSweeney—Hayes 1	Div	4-8-41
447	Wabash	3	1	N	12	W	2348	St. Genevieve	B. Lambert—Vaungart 1	Div	4-27-41
448	Wabash	6	1	S	12	W	2422	St. Genevieve	Olds et al—Riverside Park 1	Div	5-27-41
449	Wabash	21	1	S	12	W	1991	Weiler	Heyle-Troupe—Dager 2	Div	5-20-41
450	Wabash	36	2	N	11	W	2175	Biehl	Wayne Smith et al—Fee 1	Div	6-10-41
451	Wabash	36	2	N	12	W	1450	St. Louis	Gulf Refining Co.—Zimmerman 1	Div	6-10-41
452	Wabash	9	1	S	12	W	2363	Bethel	L. E. Kennedy et al—Carson 1	Div	6-10-41
453	Wabash	16	1	S	12	W	2112	Bethel	Mabee Drilling Co.—Brines 1	Div	6-10-41
454	Wabash	9	1	S	13	W	2840	St. Genevieve	H. B. Mortimer et al—J. H. Dager 1	Div	6-10-41
455	Wabash	31	2	N	11	W	2189	McClosky	L. Jackson—J. Breen 1	Div	7-29-41
456	Wabash	31	2	N	11	W	2143	McClosky	Wabash Oil & Gas—Corrie 1	Div	9-16-41
457	Wabash	31	2	N	11	W	2445	St. Louis	Anderson & Fields—Higgins 1	Div	9-16-41
458	Wabash	35	2	N	14	W	3021	St. Louis	W. O. Allen—W. B. Baird 1	Div	9-23-41
459	Wabash	30	2	N	13	W	2939	St. Genevieve	H. Fotiades—L. Mason 1	Div	10-7-41
460	Wabash	27	1	N	12	W	2316	McClosky	Hilton Oil—R. Skelton 1	Div	11-18-41
461	Wabash	36	1	N	14	W	2964	St. Genevieve	Monarch Oil Co.—F. Hoadley 1	Div	12-9-41
462	Warren	11	9	N	1	W	538	Devonian-Silurian	Taylor Drilling Co.—Kraener 1	Div	9-3-41
463	Washington	17	1	N	4	W	1149	Bethel	Woodrifer Crude Oil Co.—W. Kazban 1	Div	1-7-41
464	Washington	2	3	S	4	W	1660	Bethel	J. L. Murphy—Brammeter 1	Div	1-7-41
465	Washington	29	3	S	3	W	1039	Bethel	Arrow Drilling Co.—Borrenstohl 1	Div	1-7-41
466	Washington	34	1	S	5	W	1060	Aux Vases	Roy Lester—Torrem 1	Div	2-11-41
467	Washington	21	3	S	4	W	1220	Aux Vases	Roland & Thompson—A. J. Humbleth 1	Div	2-25-41
468	Washington	30	3	S	4	W	1098	Aux Vases	Magnolia Pet. Co.—A. Stern 1	Div	3-11-41
469	Washington	34	3	S	3	W	1562	Fredonia	Hubbard—W. Harrie 1	Div	4-22-41
470	Washington	3	3	S	4	W	1357	Fredonia	H. J. Sherman et al—S. M. Goodner 1	Div	4-22-41
471	Washington	1	3	S	4	W	1399	Bethel	C. A. Smith—Hunleth 1	Div	5-27-41
472	Washington	30	3	S	4	W	1105	Aux Vases	Powell & Risk—Holle 1	Div	5-6-41
473	Washington	15	1	S	4	W	1527	Bethel	C. A. Smith—Mittendorf 1	Div	6-17-41
474	Washington	8	2	S	4	W	2450	Devonian	Gulf Refining—Maschoff 2	Div	6-17-41
475	Washington	10	1	S	1	W	1528	Bethel	Reward Oil Co.—J. Nolting 1	Div	7-22-41
476	Washington	34	1	N	1	W	1557	Aux Vases	C. V. Richardson—G. Kasfen 1	Div	8-19-41
477	Washington	27	2	W	1	W	1611	St. Louis	E. J. Colgan—W. Meyers 1	Div	9-9-41
478	Washington	26	2	W	5	W	1230	Aux Vases	A. J. Bergundthal—Dement 1	Div	10-7-41
479	Washington	32	2	S	4	W	2395	Devonian	J. A. Brouk—A. Lamezyk 1	Div	11-25-41
480	Washington	1	3	N	2	W	1701	St. Louis	National Pet. Co.—H. States 1	Div	12-30-41
481	Wayne	36	1	N	6	E	3330	St. Genevieve	Hudson & Hess—L. Lowe 1	Div	1-14-41
482	Wayne	5	1	S	8	E	3320	St. Louis	Poorman & Nation—Lloyd 1	Div	1-14-41
483	Wayne	19	2	S	8	E	3490	St. Genevieve	C. Robinson—C. K. Bothwell 1	Div	1-28-41
484	Wayne	25	2	S	8	E	3452	St. Genevieve	J. W. Saunders et al—L. Hubble 1	Div	3-4-41
485	Wayne	34	1	S	8	E	3404	St. Louis	Pure Oil—T. R. Michels "A" 1	Div	4-1-41
486	Wayne	30	2	N	7	E	3038	McClosky	Gordon-Mulbach—Mulbach 1	Div	4-29-41
487	Wayne	25	2	N	8	E	3065	McClosky	Wiser Oil Co.—Hilliard 1	Div	5-13-41
488	Wayne	36	2	N	8	E	3120	St. Genevieve	Pure Oil—T. B. Liston "A" 1	Div	5-27-41
489	Wayne	27	6	E	3	W	3085	McClosky		Div	7-15-41
490	Wayne	22	1	S	8	E	3200	McClosky		Div	7-15-41

Mt. Carmel²

Mt. Carmel²

Patton

Irvington²

Irvington²

Clay City²

Clay City²

Johnsonville

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	9 E	3507	McClosky	New Penn Development—M. Bothwell 1	Dry		7-8-41
492	Wayne	15	3	5 E	3432	St. Louis	C. Crosby—Murphy 1	Dry		7-29-41
493	Wayne	5	3	6 E	3570	St. Louis	Texas Co.—J. Lewis 1	Dry		7-8-41
494	Wayne	28	1	5 E	3040	St. Louis	Smith Petroleum Co.—W. S. Martin 1	Dry	Johnsonville ²	8-19-41
495	Wayne	36	1	6 E	3207	McClosky	Olson Drilling Co.—Porter 1	690	Geff	8-19-41
496	Wayne	12	2	7 E	3180	McClosky	Pure Oil Co.—R. L. Johnson A-1	62	Boyleston ²	9-3-41
497	Wayne	17	2	8 E	3334	McClosky	Watkins & Wernert—Bright 1-B	440		9-3-41
498	Wayne	8	3	8 E	3346	McClosky	Robinson & Continental—Puckett 1	Dry	Mayberry	8-12-41
499	Wayne	21	1	6 E	3380	McClosky	Texas Co.—F. N. Draper 1	75		8-26-41
500	Wayne	22	1	6 E	3187	McClosky	Jablonski & Schutte—H. Tenney 1	Dry	Johnsonville ²	9-30-41
501	Wayne	22	1	6 E	3187	McClosky	Pioneer Drilling & E. Witcher—M. Williamson 1	1200		9-9-41
502	Wayne	16	1	5 E	3257	Ste. Genevieve	Pure Oil—C. Marshall "A" 1	Dry		9-16-41
503	Wayne	24	1	5 E	3240	Ste. Genevieve	T. Blake Brickson & Brown—J. E. Greer 1	Dry		10-7-41
504	Wayne	2	1	6 E	3274	Ste. Genevieve	I. White—J. Kieffer 1	Dry		12-2-41
505	Wayne	33	1	6 E	3196	McClosky	Bell Bros.—F. Fuhrer 1	240	Sims	11-4-41
506	Wayne	30	2	5 E	3431	McClosky	B. C. Kenock—General American Life 1	Dry		12-30-41
507	Wayne	32	1	5 E	2989	McClosky	Wiser Oil—E. Ellis 1	Dry		12-22-41
508	Wayne	35	1	5 E	3107	Ste. Genevieve	N. V. Duncan—R. Guthrie 1	Dry		12-30-41
509	Wayne	4	1	7 E	3241	Ste. Genevieve	J. Batters—Knapp 1-A	Dry		12-30-41
510	Wayne	16	1	6 E	3187	Ste. Genevieve	J. Russell—Doty 1	Dry		12-22-41
511	Wayne	30	1	6 E	3272	Ste. Genevieve	C. Buerkie et al.—J. Williams 1	Dry		12-30-41
512	Wayne	28	1	5 E	3219	Ste. Genevieve	J. Swan—King—D. Spenser 1	Dry		12-22-41
513	Wayne	16	2	5 E	3258	McClosky	Sinclair—W. Wyoming Oil—C. Goodart 1	210	Sims ²	12-30-41
514	White	36	3	8 E	3517	Ste. Genevieve	Burgen—M. Kramer 1	Dry		12-16-41
515	White	29	3	14 W	2860	Paint Creek	Arrow Drilling Co.—Eastwood 1	Dry		2-4-41
516	White	30	3	14 W	3237	Ste. Genevieve	O. Meara—O. L. Hon 1	Dry		1-21-41
517	White	21	4	14 W	2670	Weller	O. O. Borden—J. McCallister 2	Dry		1-28-41
518	White	29	5	14 W	2373	Tar Springs	Bell Bros.—E. H. Morris 1	116	New Harmony South ²	1-21-41
519	White	29	5	14 W	2282	Waltersburg	F. H. Rhodes—H. K. Golden 1	112	New Harmony South	2-4-41
520	White	19	6	11 E	3100	Ste. Genevieve	R. B. Martin—P. Westergard 1	Dry		1-28-41
521	White	10	7	9 E	2266	Tar Springs	Mabee Drilling Co.—Knight 1	Dry		1-7-41
522	White	16	7	10 E	2995	Ste. Genevieve	Langbecker et al.—J. W. Hayes 1	115	Herald ²	2-4-41
523	White	18	4	10 E	3317	Ste. Louis	Skelly Oil Co.—E. Winter 1	Dry		2-4-41
524	White	36	5	14 W	3267	Ste. Genevieve	R. Warren et al.—W. Brimble Comb 1	Dry		2-25-41
525	White	21	5	14 W	3109	Ste. Genevieve	Bell Bros.—Morris 2	Dry		2-25-41
526	White	29	6	9 E	3135	Ste. Genevieve	Brehm & Dorton—Creek 1	Dry		2-18-41
527	White	32	6	9 E	3120	Ste. Genevieve	Horton & Wiggins—J. G. Bradley, Jr. et al 1	Dry		2-25-41
528	White	36	6	11 E	3010	Ste. Genevieve	Kyan Oil Co.—Keck 1	Dry		2-25-41
529	White	8	7	11 E	3035	St. Louis	Halbert—Hubele 1	Dry		2-18-41
530	White	19	7	11 E	3195	Ste. Genevieve	Eason Oil Co.—DeLapp 1	Dry		2-25-41
531	White	30	7	11 E	2129	Tar Springs	Travis Bros.—Davis 1	107	New Haven	2-25-41
532	White	12	7	8 E	2660	Weller	Hawatha—Stinson 1	Dry		3-25-41
533	White	24	4	14 W	2882	Aux Vases	Kingwood & Exchange Oil Cos.—H. M. Porter 1	36	Roland ²	3-25-41
534	White	20	4	14 W	3269	St. Louis	J. Meyers—Hon 1	Dry		4-15-41
535	White	24	5	9 E	3174	Ste. Genevieve	Leibether—M. O. Winter 1	Dry		4-29-41
536	White	35	5	10 W	3155	Ste. Genevieve	L. B. Jackson—Farker 1	Dry		4-22-41
537	White	20	5	14 W	2392	Tar Springs	Larvis Bros.—E. H. Morris 1	Dry		4-8-41
538	White	37	6	11 W	2018	Paletine	G. K. Hayes Drilling Co.—Ackerman 1	Dry		4-8-41
539	White	7	6	11 W	2916	Ste. Genevieve	R. Halbert—Hubele 1-A	35	Maumie	4-8-41
540	White	31	3	14 W	3077	Ste. Genevieve	French & Lavender—A. C. Metcalf 1	Dry		6-3-41

WILDCATS DRILLED IN 1941

541	White	21	4	9	3307	Ste. Genevieve	Sallee Bros.—E. Doerr 1	Dry	5-27-41
542	White	22	5	14 W	3105	Ste. Genevieve	C. D. Neff et al.—Stum 1	Dry	5-20-41
543	White	35	6	9 E	3087	St. Louis	Carter Oil Co.—G. Bond, Auld 1	Dry	5-27-41
544	White	4	6	10 E	3207	St. Louis	Ryan Oil Co. et al.—E. W. Pomeroy 1	Dry	5-13-41
545	White	12	6	10 E	3021	Ste. Genevieve	Ryan Oil Co.—Barnes 1	Dry	6-3-41
546	White	24	6	10 E	2872	Aux Vases	Cherry & Kidd—Karch 1	141	5-13-41
547	White	24	6	10 E	3003	Tar Springs	Cherry & Kidd—M. Prell 1	147	6-3-41
548	White	11	7	8 E	2167	Waltersburg	Fisher Oil & Arrow Drilling Cos.—Ellis 1	308	6-3-41
549	White	25	5	10 E	2838	Bethel	Continental Oil Co.—Ackerman 1	20	6-10-41
550	White	33	3	10 E	3069	McClosky	Roche, Voyles & Buckman—C. Groff 1	7-1-41	6-10-41
551	White	30	3	10 E	2980	Renault	Ryan Oil Co.—Lamont Nat'l Bank 1	Dry	7-1-41
552	White	8	4	14 W	3138	Ste. Genevieve	H. K. Riddle—Farmers Nat'l Bank 1	Dry	6-24-41
553	White	21	4	10 E	3329	Aux Vases	C. D. Neff et al.—W. L. Green 1	Dry	6-10-41
554	White	21	4	14 W	2862	Ste. Genevieve	Compton & Fortlades—W. Gray 1	800	6-10-41
555	White	19	5	9 E	3312	Ste. Genevieve	Martin—Williams 1	Dry	7-1-41
556	White	28	5	10 E	3153	St. Louis	L. B. Jackson—Hanna 1	Dry	7-1-41
557	White	11	6	10 E	3106	McClosky	J. Dawson—Rodenberg 1	Dry	7-1-41
558	White	25	4	9 E	3260	McClosky	Skelly Oil—F. Kenwald 1	Dry	7-15-41
559	White	28	5	10 E	3260	St. Louis	Ryan Oil Co.—L. Stokes 1	Dry	7-29-41
560	White	5	5	14 W	2978	McClosky	First Nat'l Pet. Trust—A. M. Johnson 1	65	7-22-41
561	White	30	5	14 W	3111	Paint Creek	Millson Bros.—Mary Thompson 1	Dry	7-15-41
562	White	7	5	9 E	2856	Weller	Pure & Carter Oil Cos.—Kisner 1	134	7-15-41
563	White	22	3	10 E	2897	Ste. Genevieve	Wall-Mitchell—Kershaw 1	53	8-5-41
564	White	14	4	14 W	3005	St. Louis	Arrow Drilling Co.—Lomas 1	Dry	8-19-41
565	White	35	6	8 E	3167	St. Louis	Arrow Drilling Co.—Auld 1	Dry	9-3-41
566	White	10	7	10 E	2990	Aux Vases	Neff et al.—Union Cent. Life Co. 1	Dry	8-5-41
567	White	28	3	14 W	2883	Weller	Kock Hill Oil—Rees Heirs 3	Dry	9-16-41
568	White	5	5	10 E	2925	Paletine	Yngling, Hayes & Ryan—Z. Shepard 1	9-9-41	9-9-41
569	White	32	3	10 E	2188	McClosky	W. F. Carlett—Clavert 1	Dry	10-21-41
570	White	27	3	10 E	3210	Ste. Genevieve	Wall & Mitchell—Williams 1	Dry	10-21-41
571	White	24	4	10 E	3162	Ste. Genevieve	Sinclair—Wyoming Oil—E. Smith 1	Dry	10-14-41
572	White	18	5	8 E	3584	Ste. Genevieve	Empoose Oil—Driscoll 1	Dry	10-7-41
573	White	15	5	9 E	3460	Ste. Genevieve	B. Nation—M. Harris 1	Dry	12-2-41
574	White	19	3	8 E	3497	Ste. Genevieve	D. Nation—M. Harris 1	Dry	12-2-41
575	White	21	4	14 W	3167	Tar Springs	E. Lyon—F. Jolly Estate 1	Dry	11-25-41
576	White	7	4	10 E	2551	St. Louis	Sun Oil—R. Strove 1	Dry	12-16-41
577	White	23	4	9 E	3356	Bethel	Reece & Heath—Shumaker 1	Dry	12-16-41
578	White	14	6	8 E	2850	Tar Springs	H. A. Biscoe—H. Henson 1	Dry	12-16-41
579	White	35	6	10 E	2265	Oaecto	Cherry & Kidd—Pearce 1	Dry	12-30-41
580	Whiteside	11	19 N	7 E	1500	Ordovician	J. E. Morse—Sheldon 1	Dry	7-8-41
581	Whiteside	35	21 N	6 E	656	St. Louis	J. S. Felius—Hopkins 1	Dry	8-5-41
582	Williamson	4	8	2 E	2771	St. Louis	Adkins—Old Ben Coal 1, D	Dry	3-4-41
583	Williamson	12	10	1 E	2023	Ste. Genevieve	Sustin Drilling Co.—Veiber 1	Dry	2-11-41
584	Williamson	29	10	2 E	2029	Ste. Genevieve	Scott et al.—W. Brock Morton 1	Dry	2-25-41
585	Williamson	14	10	2 E	2167	Ste. Genevieve	C. Nation—Watson 1	Dry	3-18-41
586	Williamson	20	10	2 E	2203	Ste. Genevieve	Carolye Oil Co.—Lockhard 1	Dry	3-25-41
587	Williamson	23	10	4 E	2431	Ste. Genevieve	Three Sisters Oil Co.—Curtner 1	Dry	3-18-41
588	Williamson	13	10	2 E	2780	Ste. Genevieve	Sun Oil Co.—Old Ben Coal Co. 1	Dry	4-22-41
589	Williamson	10	9	2 E	1507	Paletine	Union Mining Co.—H. Gens 1	Dry	4-22-41
590	Williamson	15	9	2 E	2772	St. Louis	Whiser Oil Co.—U. S. Coal & Coke Co. 1	Dry	5-27-41
591	Williamson	31	8	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.