

Oil and Gas Developments in Illinois, 1986

Bryan G. Huff

ILLINOIS PETROLEUM 131
1989

Department of Energy and Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY



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Oil and Gas Developments in Illinois, 1986

Abstract

Illinois produced 27,244,736 barrels of crude oil in 1986. The value of this crude is estimated to be \$401.3 million.

New test holes reported for oil and gas numbered 2,435, 7.2 percent more than in 1985. These tests resulted in 1,324 oil wells, 40 gas wells, and 1,071 dry holes. In addition, 78 former dry holes were reworked or deepened and completed as producers, and 31 former producers were reworked or deepened and completed as producers in new pay zones. In oil and gas exploration and development, including service wells, total footage drilled in 1986 was 5,033,778 feet, 13.8 percent less than in 1985.

One new oil field, three gas fields, 32 new pay zones, and 39 extensions to fields were reported in 1986.

Of the 2,435 new holes reported as oil and gas tests in 1986, 512 were 1/2 mile or more from production (wildcats); 43 of these were completed as producers, a success ratio of 8.0 percent. Of the wildcat tests, 306 were drilled more than 1 1/2 miles from production (wildcat fars); they resulted in four producers, a success rate of 1.3 percent.

A total of 19 service wells (e.g. water input, salt water disposal) were reported in 1986.

Acknowledgments

Many individuals in the oil and gas industry have furnished data for this report. I appreciate their cooperation. I am also grateful to Kerry Riley of the Geological Survey, who contributed his time and computer expertise.

Oil production and value

In 1986, Illinois produced 27,244,736 barrels of crude oil, 10.2 percent less than the 30,226,487 barrels produced in 1985.

Table 1a lists by county the number of holes drilled, the footage drilled, and oil production in 1986. Holes drilled include tests for oil and gas and service wells. Production data and other data for each of the oil fields in Illinois are shown in table 8.

Crude oil production figures by fields are received from one source, and those for the state as a whole from another. The latter source, considered more accurate, was used to determine the total production for the state. The discrepancy between the totals accounts for the 1,961,658 barrels of crude oil for which the county and field assignments are not known (tables 1a and 8).

Eleven counties produced more than 1 million barrels of oil each in 1986. Their combined production accounted for 76.4 percent of the total in Illinois.

Fields that produced more than 200,000 barrels of oil each in 1986 accounted for 67.9 percent of the states total production.

On the basis of an estimated average price of \$14.73 a barrel at the wells, the total value of crude produced by Illinois in 1986 was \$401.3 million.

Oil production by county

County	1986 production (bbl)	Percentage of state total
Lawrence	2,919,591	11.5
White	2,603,488	10.3
Wayne	2,142,204	8.5
Crawford	2,108,914	8.3
Marion	1,913,089	7.6
Fayette	1,654,559	6.5
Clay	1,486,487	5.9
Jefferson	1,321,240	5.2
Wabash	1,182,823	4.7
Jasper	1,015,511	4.0
Franklin	1,005,115	3.9
Total	19,353,021	76.4

Oil production by field

Field*	1986 production (bbl)	Percentage of state total
Clay City C	2,963,441	11.7
Lawrence	2,832,583	11.2
Main C	2,016,817	8.0
Salem C	1,831,815	7.2
Louden	1,695,305	6.7
New Harmony C	1,086,329	4.3
Sailor Springs C	765,166	3.0
Phillipstown C	517,554	2.0
Herald C	441,734	1.7
Roland C	432,832	1.7
Albion C	422,040	1.7
Allendale	369,712	1.5
Benton	310,961	1.2
Dale C	300,528	1.2
Divide C	286,740	1.1
Goldengate C	256,473	1.0
Mattoon	240,128	0.9
Mill Shoals	228,361	0.9
Elk Prairie	227,647	0.9
Total	17,226,166	67.9

* C = consolidated

1986 drilling

In 1986, 2,560 well completions in connection with oil and gas exploration and development were processed by the Illinois State Geological Survey (table 1a), up 10.1 percent from 1985. These wells include new holes drilled as oil and gas tests, former dry holes reworked or deepened and recompleted as producers in new pay zones, new holes drilled as service wells, and old holes converted to service wells. The number of permits issued to drill in 1986 was 1,796, compared with 4,491 issued in 1985.

New hole completions processed for oil and gas testing numbered 2,435, up 7.2 percent from 1985. These tests resulted in 1,324 oil wells, 40 gas wells, and 1,071 dry holes. In addition, 78 former dry holes were reworked or deepened and recompleted as oil producers; 31 former producers were reworked or deepened and recompleted as oil producers in new zones. In 1986, 19 service wells (e.g., water input, salt water disposal) were reported, 12 newly drilled and seven old wells converted to service wells.

New holes were drilled for oil and gas in 1986 in 56 of the 102 counties in Illinois. Ten counties accounted for 59 percent of these new holes: Crawford (299), White (200), Wayne (170), Clark (158), Schuyler (131), Jasper (120), Brown (118), Edwards (109), Clay (107), and Lawrence (100).

Total footage drilled in 1986 in connection with oil and gas exploration and development (including service wells) was 5,033,778 feet, 13.8 percent less than in 1985. For the 2,435 new holes reported as oil and gas tests, the total footage was 4,992,829 feet, an average of 2050 feet per well, compared with 2,522 feet per well in 1985.

Table 1b lists natural gas storage activity in 1986.

Discoveries

One new oil field, three new gas fields, and 32 new pay zones in existing fields were reported in 1986 (fig. 1; tables 2 and 3). Thirty-nine extensions to fields (7 gas, 32 oil) were also reported during the year (table 4). Two of the new fields produce from Pennsylvanian strata and two produce from the Silurian. Of the 32 new pay zones in fields, 29 produce from Mississippian strata, two from the Devonian, and one from the Silurian.

All of the new fields are small, and extensive development is not anticipated.

Exploration and development

Of the 2,435 new oil and gas tests reported in 1986, 512 were wildcats (1/2 mile or more from known production). Forty-three of the wildcats were completed as producers, a success ratio of 8.0 percent. Of the 206 wildcats drilled between 1/2 and 1 1/2 miles from production (wildcat nears), 39 were producers (7 gas, 32 oil), a success rate of 18.9 percent. The 306 wells drilled more than 1 1/2 miles from production (wildcat fars) resulted in four producers (3 gas, 1 oil), a success rate of 1.3 percent.

The deepest new pay discovery reported was Keating Oil Company's #3 Clara Carroll in Sumpter North field, section 16, T4S-R9E, White County. This well was completed with an initial production of 12 BOPD and 21 BOPD from two previously discovered zones

and a newly discovered St. Louis zone at 3,419 feet.

In 1986, 27 holes were reported drilled to a TD of 4,500 feet or greater. One of these tested Valmeyeran strata, 22 tested the Devonian, one tested the Silurian, and three tested Ordovician zones. The deepest test in 1986 was Ashland Exploration's Knox Dolomite (Ordovician) test, drilled to a TD of 8,728 feet in Harco field, section 6, 8S-6E, Saline County. The #1 Webber Unit tested dry in the Knox but was completed as a producer from the Waltersburg and Tar Springs formations (both Chesterian).

Seventy-five wells were reported in 1986 with initial production of 100 BOPD or more, 15 of these with an initial production of 200 BOPD or more. The highest initial production reported during the year was 432 BOPD from Marion Partlow's #1 Orell Farley, in Hunt City East field, section 31, T8N-R14W, Jasper County. This well was drilled to a TD of 2,334 feet and is producing from McClosky limestone (Valmeyeran). Other notable completions were two Aux Vases (Chesterian) wells in Roland Consolidated field, White County, with initial production of 340 BOPD with 80 BOPD and 250 BOPD respectively.

Fields revived and abandoned

Four abandoned fields were reported revived by successful drilling during 1985: Ritter North, Richland County; Sicily, Christian County; Wakefield, Jasper County; and Hornsby South, Macoupin County.

Eight fields were reported abandoned in 1986: Dahlgren Southwest, Jefferson County; Fayetteville, St. Clair County; Long Branch South, Saline County; Mills Prairie, Edwards County; Watson, Effingham County; Comer, Macoupin County; Hornsby South, Macoupin County; and Griggsville (oil), Pike County. These eight fields had 16 wells and cumulative production of 78,600 barrels of oil.

Geologic column

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, or the approximately 8,000 feet of Ordovician and Cambrian rocks between

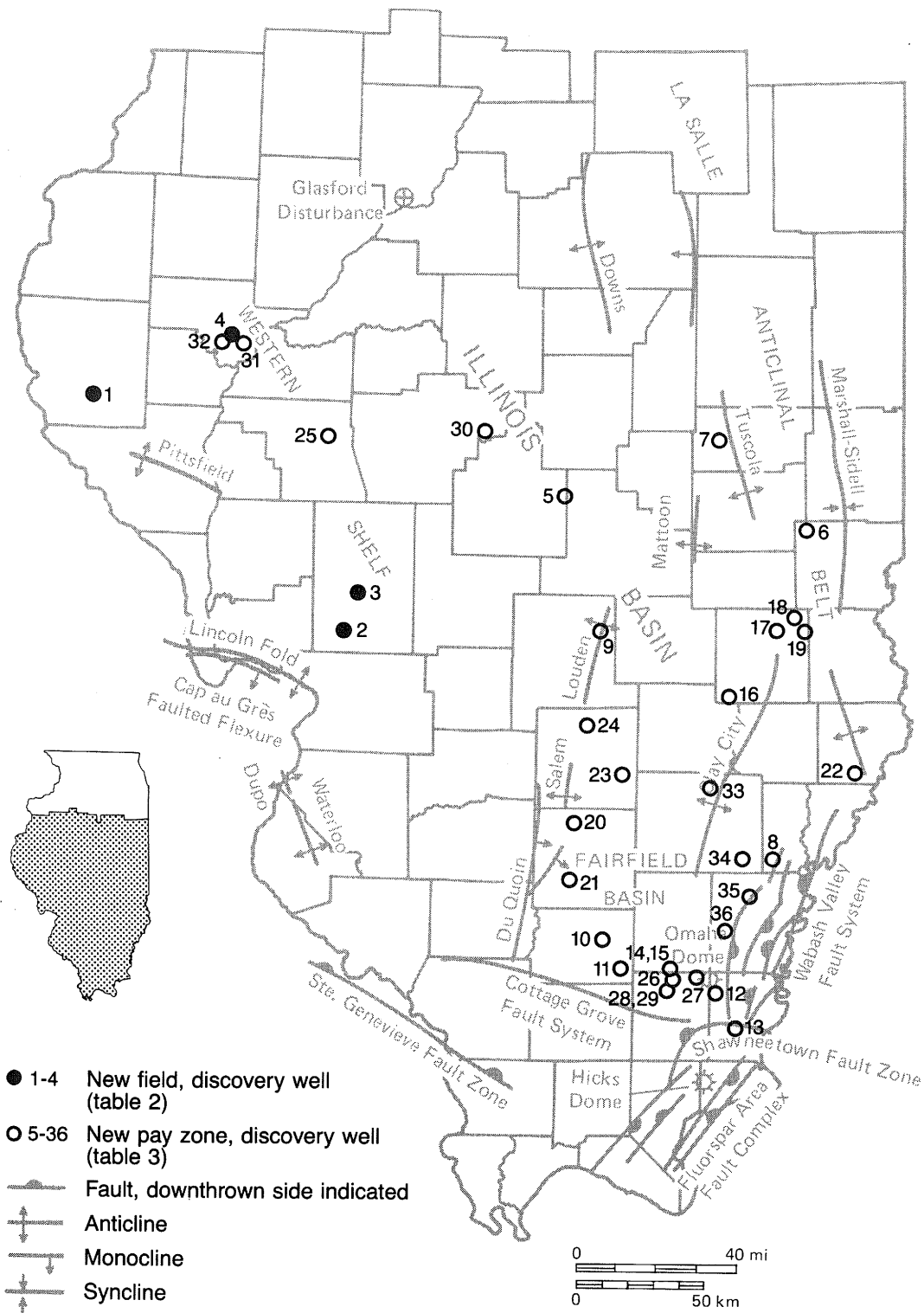


Figure 1 Locations of 1986 new field and pay zone discovery wells (see tables 2 and 3) and major tectonic features of southern Illinois (modified from J. D. Treworgy, 1981).

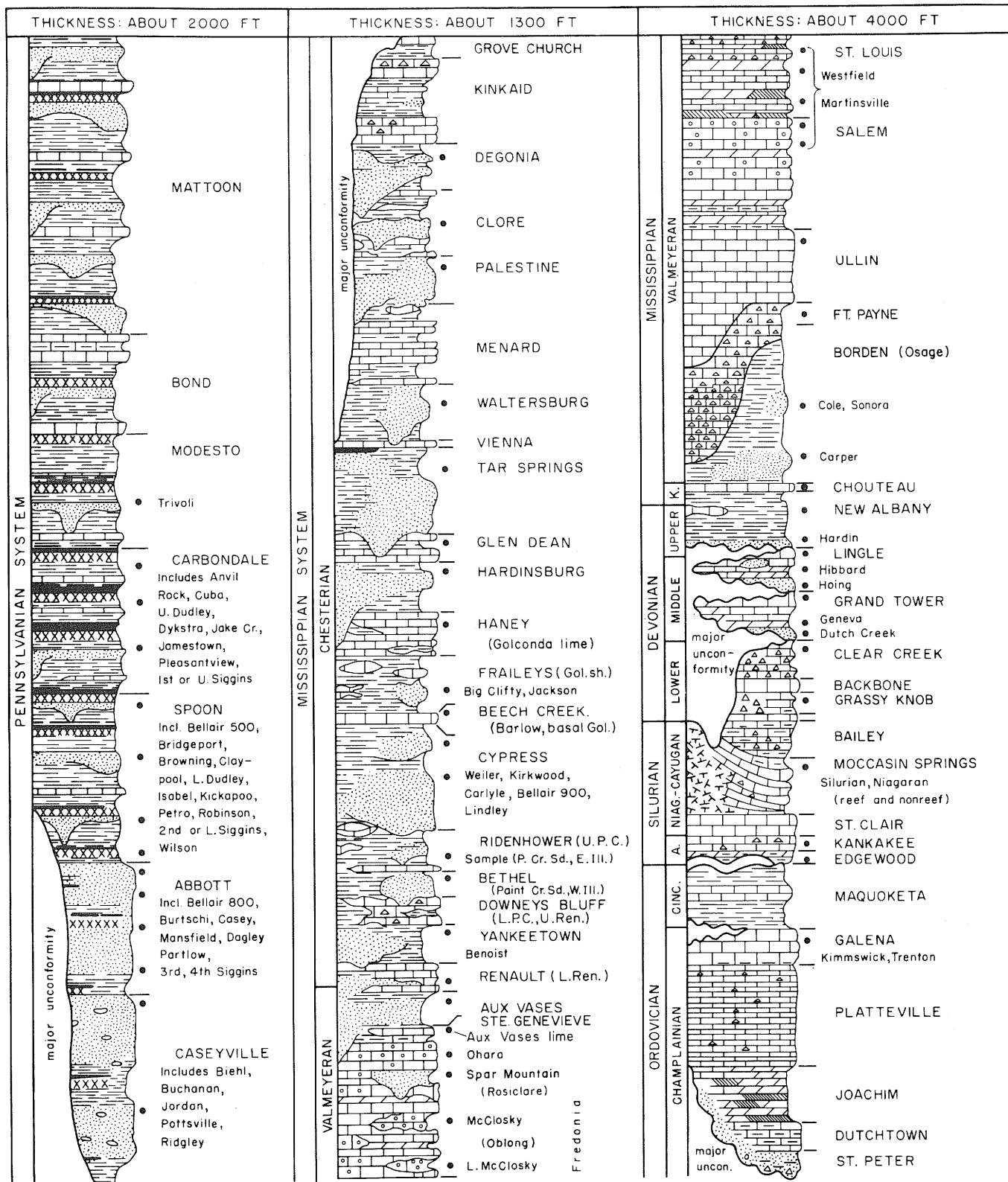


Figure 2 Generalized geologic column of southern Illinois. Solid dots indicate oil and gas pay zones. Formation names are in capital letters; other pay zones are not. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter are not shown. The names of the Kinderhookian, Niagaran, Alexandrian, and Cincinnati Series are abbreviated as K., Niag., A., and Cinc., respectively. Variable vertical scale. (Originally prepared by David H. Swann.)

top of the Precambrian basement. Pay zones are indicated on the geologic column by solid dots.

Productive acreage

An estimated 7,350 acres were added to the oil producing area, and an estimated 400 acres to the natural gas producing area in 1986. The total area in Illinois proven productive of oil is 716,590 acres; the total area proven productive of gas is 39,150 acres. These acreage figures and those listed in tables 7 and 8 are based on known completed wells, their spacing, and surface geometry. The figures are not indicative of the physical limits of a reservoir. In Illinois the normal spacing pattern for oil wells that produce from depths of less than 4,000 feet is 10 acres per well for production from sandstone and 20 acres per well for production from limestone. For wells producing from depths between 4,000 and 6,000 feet, the spacing is 40 acres per well; from depths greater than 6,000 feet, 160 acres per well.

Gas production

A total of 1,887.5 million cubic feet of natural gas was produced and marketed in Illinois in 1986, compared with 1,324.0 million cubic feet in 1985. On the basis of an average price of \$2.57 per thousand cubic feet, the total value of this gas is estimated at \$4.85 million.

Liquefied petroleum gas: underground storage

Twelve caverns, resulting from the mining of shale or limestone, provide storage capacity of 3,174,000 barrels of liquefied petroleum gases in Illinois (table 6). The gases stored are propane, butane, propylene, and ethane.

Natural gas: underground storage

At the end of 1981, 39 underground natural gas storage facilities in Illinois were operating, being developed, or being studied for their capabilities for storing gas. Gas is now stored in rocks of Pennsylvanian through Cambrian age at depths from 350 to 4,000 feet. These storage facilities could hold as much as 1.6 trillion cubic feet of gas; ultimately, about 1.2 trillion cubic feet of gas will be used. Approximately one-third of stored gas

is working gas readily available for withdrawal and delivery to customers; two-thirds is cushion gas.

Since 1977, one of the major operating companies has curtailed its release of data on storage capacities and withdrawals; consequently we have not collected any data since January 1, 1982. An unrevised table containing summary statistics for natural gas storage facilities is available in the 1981 to 1985 annual reports (I.P.s 124-128).

Natural gas: surface storage

A facility for the liquefaction and storage of natural gas at the Manlove Gas Storage field, Mahomet, Illinois, is being operated by the Peoples Gas Light and Coke Company. Two above-ground tanks are each capable of containing, as liquified natural gas, the equivalent of 1 billion cubic feet of pipeline natural gas measured at standard temperature and pressure.

Table 1A Summary of oil and gas drilling activity and oil production in 1986

County	Permits to drill	Total completions	Production tests					Service wells					Total oil prod. (bbl)	
			New holes Prod. *	D&A	D&A to prod.	Prod. to prod. in new pay zones	Footage drilled production tests	Conversions			Footage drilled service wells	Structure tests		Total footage drilled
								Were prod.	other #					
Adams	16	65	2(9)	54	-	-	39,532	-	-	-	-	-	39,532	1,793
Bond	13	10	-	8	(1)	1	9,313	-	-	-	-	-	9,313	74,184
Brown	24	118	9(1)	108	-	-	78,140	-	-	-	-	-	78,140	103,784
Calhoun	-	2	-	2	-	-	980	-	-	-	-	-	980	-
Cass	-	2	-	2	-	-	1,870	-	-	-	-	-	1,870	-
Champaign	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christian	41	41	19	22	-	-	82,011	-	-	-	-	-	82,011	519,257
Clark	92	158	129(1)	24	1	1	97,847	2	-	-	695	-	98,452	269,131
Clay	68	107	58	35	7	7	295,716	-	-	2	5,677	-	301,393	1,486,487
Clinton	26	16	6	10	-	-	34,897	-	-	-	-	-	34,897	240,133
Coles	16	53	32(1)	17	1	1	113,842	1	-	-	2,880	-	116,722	263,008
Crawford	411	299	254(4)	38	-	-	320,030	3	-	-	3,428	-	323,458	2,108,914
Cumberland	1	8	5	2	-	-	17,887	-	-	-	-	-	17,887	8,936
Dewitt	2	2	-	2	-	-	2,328	-	-	-	-	-	2,328	49,253
Douglas	19	9	3	6	-	-	14,503	-	-	-	-	-	14,503	4,186
Edgar	7	13	(6)	7	-	-	6,794	-	-	-	-	-	6,794	62,707
Edwards	50	109	67	30	5	6	333,718	1	-	-	3,176	-	336,894	882,111
Effingham	4	3	1	2	-	-	5,612	-	-	-	-	-	5,612	277,834
Fayette	28	87	58(1)	22	-	5	166,491	1	-	-	1,534	-	168,025	1,654,559
Franklin	56	42	18	21	2	1	138,634	-	-	-	-	-	138,634	1,005,115
Fulton	-	4	-	4	-	-	2,957	-	-	-	-	-	2,957	-
Gallatin	40	64	42(1)	15	5	1	137,174	-	-	1	2,712	-	139,886	390,845
Greene	-	3	-	3	-	-	1,819	-	-	-	-	-	1,819	-
Hamilton	30	43	15	28	-	-	153,111	-	-	-	-	-	153,111	536,266
Hancock	6	4	-	4	-	-	3,346	-	-	-	-	-	3,346	123
Jackson	2	6	-	6	-	-	11,325	-	-	-	-	-	11,325	8,877
Jasper	52	120	71	44	5	-	295,530	-	-	-	-	-	295,530	1,015,511
Jefferson	64	79	45	32	2	-	231,640	-	-	-	-	-	231,640	1,321,240
Jersey	-	3	(1)	2	-	-	1,224	-	-	-	-	-	1,224	-
Knox	-	3	-	3	-	-	1,561	-	-	-	-	-	1,561	-
Lawrence	86	100	67(1)	24	6	-	172,330	2	-	-	3,498	-	175,828	2,919,591
Livingston	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Logan	4	-	-	-	-	-	-	-	-	-	-	-	-	-
McDonough	3	27	-	27	-	-	15,213	-	-	-	-	-	15,213	4,088
McLean	1	2	-	2	-	-	2,136	-	-	-	-	-	2,136	-
Macon	4	12	4	5	3	-	18,472	-	-	-	-	-	18,472	87,719
Macoupin	27	30	2(4)	24	-	-	17,527	-	-	-	-	-	17,527	10,924
Madison	3	6	1	5	-	-	3,325	-	-	-	-	-	3,325	108,457
Marion	72	77	40	35	-	-	214,234	1	-	1	5,020	-	219,254	1,913,089
Mercer	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Monroe	9	7	4	3	-	-	4,440	-	-	-	-	-	4,440	4,549
Montgomery	2	11	3	8	-	-	12,767	-	-	-	-	-	12,767	7,501
Morgan	3	14	4	10	-	-	5,102	-	-	-	-	-	5,102	1,049
Moultrie	1	2	-	2	-	-	4,809	-	-	-	-	-	4,809	4,361
Perry	5	4	2	2	-	-	9,361	-	-	-	-	-	9,361	11,050
Piatt	-	-	-	-	-	-	-	-	-	-	-	-	-	648
Pike	7	42	(3)	39	-	-	22,637	-	-	-	-	-	22,637	-
Randolph	1	13	8	5	-	-	29,564	-	-	-	-	-	29,564	90,640
Richland	76	62	44	15	3	-	196,883	-	-	-	-	-	196,883	849,294
St. Clair	2	9	-	9	-	-	11,658	-	-	-	-	-	11,658	22,061
Saline	35	45	20(2)	21	2	-	135,312	-	-	1	3,088	-	138,400	371,701
Sangamon	7	19	6	12	-	-	31,049	-	-	-	-	-	31,049	82,493
Schuyler	17	131	7(5)	119	-	-	82,721	-	-	-	-	-	82,721	7,594
Scott	-	1	-	1	-	-	830	-	-	-	-	-	830	-
Shelby	6	13	6	7	-	-	22,376	-	-	-	-	-	22,376	44,482
Wabash	45	52	28	22	2	1	130,721	-	-	-	-	-	130,721	1,182,823
Warren	-	1	-	1	-	-	901	-	-	-	-	-	901	-
Washington	14	36	21	15	-	-	89,391	-	-	-	-	-	89,391	503,467
Wayne	125	170	102	50	16	2	557,762	-	-	-	-	-	557,762	2,142,204
White	167	200	121	54	18	5	596,876	1	-	2	9,241	-	606,117	2,603,488
Williamson	3	1	-	1	-	-	4,650	-	-	-	-	-	4,650	25,551
Production, location unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	1,961,658
Total	1796	2560	1324	1071	78	31	4,992,829	12	-	7	40,949	-	5,033,778	27,244,736

*Gas in parentheses; not included in totals.
#Former D&A and other types of wells, except former producers.

Table 1B Summary of underground natural gas storage drilling activity in 1986

County	Permits issued	Total completions	Injection and withdrawal wells		Service wells	
			New wells	Conversions	New wells	Conversions
No permits and no completions in connection with natural gas were reported.						

Table 2 Discovery wells of four new fields in 1986

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water BBL gas MCF	Pay zone	Prod. depth (ft)	Total depth (ft)	Com-pletion date
1	Adams 25-25-7W	Okieco Energy Meyer # 2	Adams	1300 MCFG	Silurian	409	414	6/28/83
2	Macoupin 6-7N-8W	Sierra Energy Co. Schrier, Kenneth # 1	Woodburn North	650 MCFG	Penn.	381	407	1/15/86
3	Macoupin 23-9N-8W	DEC Oil & Gas Co. Rhodes, Albert #1	Macoupin Station	10 MCFG	Penn.	337	355	6/ 1/85
4	Schuyler 6-1N-1W	Concept Resources, Inc. Pfeiffer # 1	Rushville Central	Oil well	Silurian	N/A	N/A	9/30/83

Table 3 Discovery wells of 32 new pay zones in fields in 1986

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod.	New pay zone	Prod. depth (ft)	Total depth (ft)	Com-pletion date	Remarks
5	Christian 23-13N-1E	Homco, Ltd. Jones # 2	Assumption Cen	7	St. Louis	1,430	2,489	5/15/86	
6	Clark 31-12N-14W	Tri-Cor Oil Producers Drake, W.W. #T- 4	Westfield	9	Salem	N/A	420	3/15/86	I.P. includes prod. from St. Louis.
7	Douglas 12-15N-7E	White, Carl Yoder # 4	Bourbon C.	5	Chouteau	2,471	2,514	2/27/86	
8	Edwards 32-2S-10E	Prior, John Hallam Comm. #1	Ellery S	29/70	Spar Mt.	3,316	3,345	5/26/85	
9	Fayette 32-8N-3E	Exxon Corporation Blurton, Mary #14	Louden	33/472	Renault	1,446	1,770	11/23/85	I.P. includes prod. from Cypress & Paint Creek.
10	Franklin 2-6S-3E	Farrar Oil Co., Inc. Harrelson # 1	Bessie	16	Hardinsburg	2,367	3,869	3/ 4/86	Also field extension.
11	Franklin 8-7S-4E	Benton Oil Prod., Inc. Prior #1	Thompsonville N	85	Spar Mt.	3,062	3,917	5/24/85	
12	Gallatin 7-8S-8E	L & J Oil & Gas, Inc Woolard, C. & A. # 4	Omaha S	22	Ohara	2,904	2,935	8/25/86	
13	Gallatin 25- 9S- 8E	Bi-Ecko Oil Co. Rollman #2	Lawler	1/190	Waltersburg	1,507	1,617	8/30/84	
14	Hamilton 17-7S-6E	Brown Enterprises Brown-Barton # 3	Long Branch	110	Spar Mt.	3,194	3,278	3/ 4/86	
15	Hamilton 17-7S-6E	Brown Enterprises Barton # 4	Long Branch	85/35	St. Louis	3,374	3,395	6/ 3/86	
16	Jasper 16-5N-9E	Dedica Energy Corp. Hall # 1	Wakefield	32	McClosky	3,105	3,115	4/ 1/86	
17	Jasper 32-8N-10E	Tri-Cor Oil Producers Bergbower # 1	Hidalgo S	50	St. Louis	2,721	2,750	3/18/86	I.P. includes prod. from McClosky.
18	Jasper 7-8N-11E	Energy Investments Huddleston, M. # 1	Yale	18/80	Benoist	1,737	1,873	12/15/85	Also field extension. Includes prod. from McClosky.
19	Jasper 32-8N-14W	Bond Oil Prod. Co. Huddleston, Fred # 2	Hunt City E	45	Aux Vases	1,634	1,810	2/15/86	

Table 3 (continued)

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod.	New pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
20	Jefferson 16-1S-2E	Prior, John Timmons # 1	Salem C	31/380	Renault	1,978	2,460	6/24/86	
21	Jefferson 32-3S-2E	Black Hawk Res. Corp. Jefferson O&G #36X-32	Waltonville	15/40	Salem	3,170	4,410	10/19/81	I.P. includes prod. from Osage.
22	Lawrence 17-2N-12W	S & M Oil Prod. Anderson Bros. # 3	Ruark	14/350	Tar Springs	1,625	1,630	9/26/84	
23	Marion 20-2N-4E	Goose Creek Oil Co. Clifton Comm. # 1	Iuka S	10	Paint Creek	2,488	2,915	12/13/85	
24	Marion 25-4N-2E	Jones, Roger M. Schoonover # 2	Alma	140	McClosky	2,196	2,241	6/14/86	Also field extension.
25	Morgan 9-15N-9W	B.E.S.T. Oil Co. Thornley, A. # 2-B	Jacksonville Gas	4	St. Louis	304	334	9/16/85	
26	Saline 20-7S-6E	Pyramid, G.W. Co., Inc. Cole # 2	Long Branch	25/10	Tar Springs	2,364	3,445	9/ 2/86	
27	Saline 27-7S-7E	WILPRO Bramlet etal # 1	Francis Mills	78	Tar Springs	2,258	3,155	11/ 6/85	Also field extension.
28	Saline 6-8S-6E	Ashland Exploration, Inc. Weber, A.E. etal # 5	Harco	84	Waltersburg	2,212	2,400	8/27/85	
29	Saline 6-8S-6E	Ashland Exploration, Inc. Webber Unit # 2 Well # 2	Harco	47/145	McClosky	3,174	3,504	3/16/86	I.P. includes prod. from Waltersburg Tar Springs Aux Vases & Rosiclare.
30	Sangamon 3-15N-3W	Beckham, Dwight Morris, Robert # 2	Roby	Oil well	Devonian	1,734	1,810	6/ 3/86	I.P. not available.
31	Schuyler 21-1N-1W	Longhorn Resources, Inc. Mohlenbruck #1	Beardstown	650 MCFG	Silurian	568	572	5/29/85	
32	Schuyler 12-1N-2W	Longhorn Resources, Inc. Morgan # 1	Rushville Central	35/24	Devonian	644	715	2/23/84	Also field extension.
33	Wayne 2-1N-7E	Ring Oil Co. Michels, A. E. #6	Clay City C	5/400	Paint Creek	2,800	2,803	4/ 1/86	
34	Wayne 31-2S-9E	Friend, Jerry E. Moore #3	Barnhill	35	Cypress	2,962	3,451	8/27/85	OWWO. IP includes prod. from Aux Vases & Rosiclare.
35	White 16-4S-9E	Keating Oil Co. Carroll, Clara #3	Sumpter N	12/21	St. Louis	3,419	4,150	1/ 1/85	I.P. includes prod. from Ohara & McClosky.
36	White 33-5S-8E	Prairie Energy Inc. Storey, Jesse L. #2	Enfield	Oil well	Bethel	N/A	3,492	11/11/85	I.P. not available.

Table 4 Discovery wells of 39 extensions to fields in 1986

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Adams 19-2S-6W	Mason & Jansen Davidson & Wellman # 1	Adams	Gas well	Silurian	N/A	423	8/20/85	I.P. not available.
Adams 36-2S-7W	Okeico Energy Koch # 1	Adams	768 MCFD	Silurian	434	442	8/26/83	
Brown 14-2S-4W	Quest Petroleum Co. Jones # 1	Siloam	157 MCFD	Edgewood	658	671	1/21/83	
Christian 11-14N-2W	Carey, John Oil Co., Inc Ostermeier Comm. #1	Mt. Auburn C	Oil well	Silurian	2,034	2,106	4/ 8/86	I.P. not available.
Christian 28-15N-2W	Carey, John Oil Co., Inc FNB Fels Trust # 1	Mt. Auburn C	Oil well	Silurian	1,892	1,905	10/15/85	I.P. not available.
Edgar 8-12N-13W	Zink, Earnest Brinkerhoff #1	Inclose	100 MCFD	Penn.	290	345	6/ 1/85	

Table 4 (continued)

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Edgar 17-12N-13W	Zink, Earnest Brinkerhoff #2	Inclose	100 MCFD	Penn.	290	330	5/25/85	
Edwards 28-1S-10E	McDowell Bros. Oil Kelsey, Jack # 1	Albion NW	80	Ohara	3,330	3,427	1/14/86	
Edwards 28-1S-10E	McDowell Bros. Oil Kelsey-Pierce Unit # 1	Albion NW	31	Ohara	3,347	3,427	11/ 8/85	
Edwards 16- 3S-10E	Pioneer Oil Company Tait, Warren # 1	Albion C	170	Ohara	3,217	3,279	2/14/86	
Edwards 17-3S-14W	French Creek Company Johnson, Carson # 4	Phillipstown C	3/20	Ohara	3,074	3,175	9/ 5/81	
Franklin 31-5S-3E	O.D. & E. Corporation Bowman, M. # 1	Whittington	47/100	Aux Vases	2,748	2,855	8/15/85	
Franklin 2-6S-3E	Farrar Oil Co., Inc. Harrelson # 1	Bessie	16	Hardinsburg	2,367	3,869	3/ 4/86	Also new pay in field.
Jasper 7-8N-11E	Energy Investments Huddleston, M. # 1	Yale	18/80	Benoist McClosky	1,737 1,824	1,873	12/15/85	Benoist also new pay in field.
Lawrence 12-3N-11W	Anderson, R.E. Oil Co. Stuart Heirs # 1	Beman	1/1	McClosky	1,837	1,860	7/ 6/86	
Macon 23-16N-1E	Carter Oil Prop., Inc. Bourne # 1	Harristown	Oil well	Silurian	N/A	2,065	1/22/85	OWWO. I.P. not available.
Marion 25-4N-2E	Jones, Roger M. Schoonover # 2	Alma	140	McClosky	2,196	2,241	6/14/86	Also new pay in field.
Marion 15-4N-3E	K & K Development Robnett # 1	Kinmundy N	8	Benoist	2,050	2,240	1/ 5/86	
Morgan 24-15N-10W	B.E.S.T. Oil Co. York # 2-B	Jacksonville Gas	18	Penn.	246	280	10/22/85	
Pike 27-4S-3W	Jackson, Michael & Assoc Williamson # 1	Griggsville	Gas well	Silurian	470	475	9/30/83	I.P. not available.
Richland 30-2N-10E	Miller, B. L. Scherer, D. # 1	Calhoun S	210	McClosky	3,233	3,242	2/18/86	
Richland 30-2N-10E	Fulk Oil Company Wyatt, R. # 1	Calhoun S	40/20	Spar Mt.	3,240	3,300	4/ 1/86	
Richland 36-5N-14W	Petdelco, Inc. Gray # 1	Bowyer	15	McClosky	2,853	2,915	7/10/86	
Saline 27-7S-7E	WILPRO Bramlet etal # 1	Francis Mills	78	Tar Springs	2,258	3,155	11/ 6/85	Also new pay in field.
Saline 35-7S-7E	Pyramid, G.W. Co., Inc. Garner, James # 1	Eldorado C	15/50	Aux Vases	2,938	2,987	5/20/86	
Sangamon 8-15N-3W	Carey, John Oil Co., Inc Flatt #1	Roby W	10/110	Hibbard	1,659	1,687	4/17/85	
Schuylar 12-1N-2W	Longhorn Resources, Inc. Morgan # 1	Rushville Central	36/24	Devonian	644	715	2/23/84	Also new pay in field.
Schuylar 12-1N-2W	Midland Minerals Morgan #2	Rushville Central	14	Devonian	640	713	7/19/84	
Schuylar 3-2N-2W	Two Rivers Petroleum Co. Mundt Corp. Farm # 1	Rushville NW	250 MCFG	Silurian	576	630	5/15/86	
Schuylar 22-2N-3W	Davis Bros. Oil Prod. Clayton # 1	Erwin	Oil well	Silurian	N/A	566	2/21/86	I.P. not available.
Wabash 15-1S-13W	Smith Operating Co., Inc. Wolf Comm. # 2	New Harmony C	14/40	Bethel	2,450	2,721	10/13/85	
Washington 29-3S-1W	Oelze, Elmer Jr. Pieszchalski #2	Dubois Cen	1/10	Spar Mt.	1,537	1,541	5/20/85	
Wayne 17-1N-9E	Buchanan, Art Taylor, Glen # 2	Mt. Erie N	Oil well	McClosky	3,285	3,290	7/ 5/82	I.P. not available.
Wayne 35-1S-6E	Buchanan, Art Buchanan, Art 'C' Lse # 1	Clay City C	Oil well	Ullin	N/A	4,174	10/23/84	OWDD. I.P. not available.
Wayne 22-1S-7E	Van Dyke Oil Co., Inc. Brown, Wayne #1	Clay City C	70	Salem	3,642	4,025	2/11/85	

Table 4 (continued)

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Wayne 16-1S-9E	Higgins, Charles F. Bailey, Ellis #2	Locust Grove S	50	Ohara	3,298	3,306	2/25/86	
Wayne 1-3S-5E	Sherman, Clarence Bernard, Estel #1	Mayberry	3	Salem	N/A	5,340	5/ 1/85	
White 32-3S-9E	D & K Oil Co., Inc. Bosecker, Walter #3	Goldengate C	Oil well	McClosky	N/A	3,472	5/10/86	
White 21-6S-9E	Turner, J. D. Hoskins, Phillip #1	Storms C	3/6	Ohara	3,078	3,125	10/23/84	

Table 5 Selected unsuccessful deep tests in 1986

County and location	Operator, well no., and farm	Field or wildcat	Deepest strata tested	Depth to top (ft)	Total depth (ft)	Completion date
Perry 4-4S-1W	Clarence Sherman Bejma #2	Dubois Consol.	Knox	?	5504	9/2/85
Wayne 36-2S-5E	Clarence Sherman Neff #2	Mayberry	Dutch Creek	5249	5288	7/11/85
Wayne 23-2N-5E	Ill. Basin Explor. Bumgarner #1	Wildcat far	Devonian	4408	4836	10/23/85

Table 6 Underground storage facilities for liquified petroleum gases in Illinois, January 1, 1986

Company	Location	Type of storage	Approx. depth (ft)	Stratigraphic unit	Capacity (bb1)
General Facilities, Inc.	Wood River, Madison County	Mined limestone	400	Valmeyeran (Mississippian)	80,000
Hydrocarbon Transportation, Inc.	Morris, Grundy County	Mined shale	1,450	Eau Claire (Cambrian)	150,000
Hydrocarbon Transportation, Inc.	Lemont, Will County	Mined shale Mined shale	304 358	Maquoketa Maquoketa (Ordovician)	250,000
Mid-America Pipeline Co.	Farmington, Peoria County	Mined shale	260	Pennsylvanian	440,000
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	300	Maquoketa (Ordovician)	260,000
Shell Oil co.	Wood River, Madison County	Mined limestone Mined limestone	430	Valmeyeran (Mississippian)	500,000 232,000
Tuloma Gas Products Co.	Wood River, Madison County	Mined limestone Mined limestone	400	Valmeyeran (Mississippian)	190,000 50,000
U.S. Industrial Chemicals Co.	Tuscola, Douglas County	Mined limestone and siltstone	350	Pennsylvanian	170,000 800,000
Warren Petroleum Corp.	Crossville, White County	Mined shale	--	Pennsylvanian	52,000
Total					3,174,000

Table 7 Illinois oil field statistics, 1986; explanation of abbreviations and symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of oil discovery.
Age:	PC, Precambrian; Cam, Cambrian; Ord, Ordovician; Shk, Shakopee; Stp, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.
Kind of rock in pay zone	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; : OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure/trap:	A, anticline; C, stratigraphic trap; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; R, reef; Rd, reef drape; T, terrace; U, unconformity. Combinations of letters are used when more than one factor applies.
+	Field listed in table 8 (gas production).
*	Field has been or is under waterflood.
++	Illinois portion only.
#	Acreage is included in the immediately preceding figure.
x	Correct entry not determinable.

Table 7 Illinois oil field statistics, 1986

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Ab Lake, Gallatin, 8S, 10E																	
			1947	120	1.4	142.6	14	4	1	6						Mis	2953
	Pennsylvanian	805	1957	40			4	0	1	35	S	10	M				
	Palestine, Mis	1835	1954	10			1	0	0	36	S	5	MF				
	Waltersburg, Mis	2000	1957	40			3	0	0	37	S	10	M				
	Renault, Mis	2735		20			2	0	0	35	L	8	MF				
	Aux Vases, Mis	2770		50			5	4	0	35	S	9	MF				
Ab Lake South, Gallatin, 9S, 10E																	
	Aux Vases, Mis	2798	1959	20	0.0	3.8	2	0	0	1	36	S	6	M	Mis	3610	
					ABD 1963, REV 1984												
*Ab Lake West, Gallatin, 8-9S, 9-10E																	
			1950	460	0.4	551.0	35	0	1	16					Mis	4077	
	Pennsylvanian	725	1954	50			3	0	0	35	S	10	ML				
	Waltersburg, Mis	2020	1956	300			19	0	1	37	S	20	ML				
	Tar Springs, Mis	2075	1958	30			2	0	0	38	S	10	ML				
	Cypress, Mis	2425	1954	10			1	0	0	36	S	9	ML				
	Aux Vases, Mis	2735		180			18	0	0	36	S	6	ML				
	McClosky, Mis	2830		20			2	0	0	38	L	2	MC				
*Aden C, Wayne, Hamilton, 2-3S, 7E																	
			1938	2540	39.8	13718.7	141	3	1	63					Dev	5450	
	Aux Vases, Mis	3200	1938	1620			68	1	1	39	S	10	A				
	Ohara, Mis	3290	1943	2130			12	2	0	35	S	7	A				
	Spar Mt., Mis	3320	1943	#			6	0	0	35	L	5	AC				
	McClosky, Mis	3350	1938	#			84	0	0	35	L	4	A				
	Salem, Mis	3735	1948	90			12	1	0	36	L	16	AC				
	Ullin, Mis	4132	1959	80			7	0	0	39	L	16	AC				
	Lingle, Dev	5182	1968	10			1	0	0	35	S	10					
	Dutch Creek, Dev	5318	1959	30			3	0	0	40	S	10	A				
Aden East, Wayne, 2S, 7E																	
	McClosky, Mis	3434	1961	10	0.0	0.0	1	0	0	0	39	OL	6		Mis	3552	
					ABD 1961												
*Aden South, Hamilton, 3S, 7E																	
			1945	380	0.5	867.6	32	1	1	9					Dev	5500	
	Aux Vases, Mis	3245	1946	170			10	1	1	39	S	8	AL				
	Ohara, Mis	3310		380			3	0	0	37	L	7	AC				
	Spar Mt., Mis	3330		#			8	0	0	37	L	8	AC				
	McClosky, Mis	3395	1945	#			18	0	0	38	L	9	AC				
	Salem, Mis	4190	1983	10			1	0	0		L	4					
*Akin, Franklin, 6S, 4E																	
			1942	770	2.9	2481.4	60	0	0	9					Mis	4300	
	Cypress, Mis	2840	1942	220			14	0	0	35	0.14	S	10	AL			
	Aux Vases, Mis	3100		530			41	0	0	37	0.12	S	22	AL			
	Ohara, Mis	3100	1956	70			4	0	0	38	L	18	AC				
	McClosky, Mis	3270	1943	#			1	0	0	38	L	7	AC				
Akin West, Franklin, 6S, 4E																	
			1948	160	3.7	275.2	11	0	1	7					Dev	5185	
	Cypress, Mis	2715	1950	30			2	0	1	35	S	8	AL				
	Ohara, Mis	3050	1948	110			3	0	0	37	L	10	AC				
	Spar Mt., Mis	3080	1948	#			2	0	0		L	12	AC				
	McClosky, Mis	3130		#			3	0	0	39	L	4	AC				
	Salem, Mis	3663	1962	10			1	0	0	38	L	10					
	Ullin, Mis	3994	1962	20			2	0	0	37	L	10					
Albion Cen, Edwards, 2S, 10E																	
			1955	140	1.1	147.1	11	0	0	5					Mis	4260	
	Ohara, Mis	3350	1955	140			10	0	0	37	L	5					
	Spar Mt., Mis	3427	1982	#			1	0	0		S	5					
	McClosky, Mis	3395		#			1	0	0		L	4					
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W																	
			1940	9900	422.0	36482.3	832	33	5	452					Dev	5200	
	Mansfield, Penn	1650		2100			7	0	0	28	S	5	AM				
	Bridgeport, Penn	1900		#			30	0	0	29	0.16	S	15	MF			
	Biehl, Penn	2000	1944	#			174	3	0	37	0.16	S	15	MF			
	Degonia, Mis	2125		20			3	0	0	35	S	9	MF				
	Waltersburg, Mis	2365	1949	760			74	1	0	36	S	16	AL				
	Tar Springs, Mis	2460	1944	200			12	0	0	37	S	5	AL				
	Hardinsburg, Mis	2635		70			6	0	0	36	S	10	A				
	Cypress, Mis	2860		1290			102	8	1	37	S	15	A				

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of 1986	Character of oil	Sulfur percent	Pay zone	Deepest test
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986					
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W													(Continued from previous page)
	Paint Creek, Mis	2926	1984	20		2	1	0					
	Bethel, Mis	2960		1370		95	5	1		36	S	4	
	Benoist, Mis	3000		1000		77	6	1		34	S	13	AF
	Renault, Mis	2988	1980	250		24	4	0			S	8	
	Aux Vases, Mis	3045	1942	2700		193	7	1		37	S	18	AF
	Ohara, Mis	3110	1943	4010		43	2	0		40	L	5	AC
	Spar Mt., Mis	3130		#		33	1	0		38	L	10	AC
	McClosky, Mis	3200	1940	#		183	7	1		37	L	12	AC
	St. Louis, Mis	3310	1983	40		4	0	0			L	6	
	Salem, Mis	3596	1980	100		8	1	0			L	8	
	Ullin, Mis	3968	1980	70		7	1	0			L	10	
*Albion East, Edwards, 2S, 14W													
			1943	1620	37.0	2742.5	131	4	0	77			
	Cypress, Mis	2800		340		27	0	0			S	7	A
	Bethel, Mis	2920		170		11	0	0		38	S	6	AL
	Benoist, Mis	2925		250		27	2	0		38	S	10	AC
	Renault, Mis	3001	1980	50		3	0	0			S	8	
	Aux Vases, Mis	3020		400		29	1	0		34	S	17	AL
	Ohara, Mis	3100	1943	890		17	1	0		38	L	7	A
	Spar Mt., Mis	3125	1947	#		26	0	0			L	7	A
	McClosky, Mis	3155		#		22	0	0			L	7	A
	St. Louis, Mis	3260	1983	20		2	1	0			L	1	
Albion Northwest, Edwards, 1S, 10E													
			1967	130	27.1	107.8	11	3	0	9			
	Ohara, Mis	3280	1984	130		7	3	0			L	6	Mis
	McClosky, Mis	3300	1967	#		4	0	0			L	6	
Albion West, Edwards, 3S, 10E													
			1953	40	1.3	19.7	3	0	0	2			
	Ohara, Mis	3230	1976	40		2	0	0			L	8	Mis
	McClosky, Mis	3375	1953	#		1	0	0			L	5	
*Allendale, Wabash, Lawrence, 1-2N, 11-13W													
			1912	10780	369.7	25421.5	1278	19	18	401			
	Pleasantview, Penn	660		6870		4	0	0			S	30	AM
	Bridgeport, Penn	1070		#		0	0	0			S	12	AM
	Buchanan, Penn	1290		#		0	0	0			S	15	AM
	Bichl, Penn	1450		#		758	7	5		33	S	20	AM
	Jordan, Penn	1490		#		39	1	0			S	10	AM
	Waltersburg, Mis	1540		380		39	0	0		31	S	15	AM
	Tar Springs, Mis	1600		330		29	0	0		30	S	20	AM
	Hardinsburg, Mis	1780		10		2	0	0		34	S	10	AM
	Cypress, Mis	1920		2110		113	3	8		34	S	10	AM
	Sample, Mis	1769		1340		13	0	1		35	S	10	AM
	Bethel, Mis	2010		#		106	0	0		35	S	10	AM
	Aux Vases, Mis	2280		180		14	0	0		37	S	12	AM
	Ohara, Mis	2300		1400		33	1	4			L	10	AM
	Spar Mt., Mis	2300		#		18	2	0			LS	5	AM
	McClosky, Mis	2300		#		47	6	2		36	L	8	AM
	St. Louis, Mis	2275	1967	50		5	0	2		39	L	15	
	Salem, Mis	2774	1966	100		8	0	0		39	L	10	
	Ullin, Mis	2806	1966	40		3	0	0		39	L	12	
Alma, Marion, 4N, 2E													
			1941	120	7.4	107.0	10	1	0	4			
	Cypress, Mis	1805		10		1	0	0		35	S	7	A
	Benoist, Mis	1945	1942	80		8	0	0		36	S	8	AL
	Aux Vases, Mis	2065	1982	30		2	0	0			S	3	
	Spar Mt., Mis	2085	1941	40		2	0	0		36	L	10	AC
	McClosky, Mis	2196	1986	10		1	1	0			L	6	
Amity, Richland, 4N, 14W													
			1942	90	1.4	75.8	7	0	0	4			
	Aux Vases, Mis	3060	1977	10		1	0	0			S	10	Mis
	Spar Mt., Mis	2940	1983	90		1	0	0			S	6	
	McClosky, Mis	2960	1942	#		6	0	0		36	OL	5	MC
Amity S, Richland, 4N, 14W													
			1953	390	7.0	191.1	26	1	0	22			
	Spar Mt., Mis	2890	1953	80		26	1	0		38	L	4	Mis
	McClosky, Mis	2905	1981	#		1	0	0			L	3	
ABD 1953, REV 1979													

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone	Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API				Sulfur percent	Kind of rock
Amity W, Richland, 4N, 14W															
	Aux Vases, Mis	1953	40	0.0	0.0	3	0	0	2	38	S	12	Mis	3145	
	Spar Mt., Mis	1953	10			1	0	0			S	5			
		1981	30			2	0	0			S	5			
			ABD 1954, REV 1981												
*Ashley, Washington, 2S, 1W															
	Benoist, Mis	1953	220	7.1	542.4	16	0	0	14	30	S	7	Trn	4335	
	Trenton, Ord	1953	210			15	0	0			L	34			
		1983	10			1	0	0							
*Ashley E, Washington, 2S, 1W															
	Benoist, Mis	1969	60	0.2	67.3	5	0		5		S	6	Mis	2030	
Ashmore E, Coles, 13N, 14W															
	Pennsylvanian	1956	60	0.0	0.8	6	0	0	4	30	S	14	Dev	1228	
			ABD 1957, REV 1962												
Ashmore S +, Coles, Clark, 12N, 10-11E, 14W															
	Pennsylvanian	1958	350	0.6	59.5	25	0	0	12		S	x	AL	Trn	2260
	Mississippian	1958	350			24	0	0		24	L	17			
		1963	20			1	0	0		38	L	17			
Assumption Cen, Christian, 13N, 1E															
	Cypress, Mis	1961	220	54.6	128.7	18	2	1	16		S	10	SiI	2566	
	Benoist, Mis	1985	10			1	0	0			S	7			
	St. Louis, Mis	1984	190			14	0	0			S	4			
	Devonian	1986	10			1	1	0			L	4			
		1961	20			2	1	1		38	L	4			
			ABD 1961, REV 1984												
*Assumption C, Christian, 13-14N, 1E															
	Benoist, Mis	1948	2590	76.2	10881.8	203	1	0	70		S	13	A	Ord	3070
	Spar Mt., Mis	1949	590			47	0	0		36	S	4	AL		
	Lingle, Dev	1949	220			17	0	0		40	S	8	AL		
		1948	2430			141	1	0		38	L	8	A		
Assumption S, Christian, 12N, 1E															
	Lingle, Dev	1951	60	0.5	27.0	4	1	0	2	39	L	15	SiI	2800	
Ava-Campbell Hill +, Jackson, 7S, 3-4W															
	Cypress, Mis	1916	140	0.0	25.0	16	0	0	0	36	S	18	A	Trn	3582
			ABD 1943, REV 1956, ABD 1957												
Baldwin, Randolph, 4S, 6W															
	Silurian	1954	30	0.2	15.2	3	0	0	1	32	L	x	R	Trn	2234
Bannister, Marion, 2N, 3E															
	Aux Vases, Mis	1973	10	0.0	8.6	1	0	0	0		S	5	Dev	4226	
			ABD 1978												
*Barnhill, Wayne, White, 2-3S, 8-9E															
	Cypress, Mis	1939	3130	139.6	7181.4	267	8	0	145		S	4	A	Dev	5560
	Aux Vases, Mis	1985	10			1	1	0			S	15	AL		
	Ohara, Mis	1943	1390			112	3	0	39		OL	6	AC		
	Spar Mt., Mis		1770			23	3	0			LS	9	AC		
	McClosky, Mis	1939	#			24	1	0		38	OL	15	AC		
	St. Louis, Mis		60			89	0	0		38	L	7	AC		
	Salem, Mis		760			6	0	0		38	L	8	AC		
	Ullin, Mis		30			44	4	0		39	L	11	AC		
						3	0	0			L	11			
*Bartelso, Clinton, 1-2N, 3W															
	Cypress, Mis	1936	620	19.3	4379.4	117	1	2	42		S	15	D	Stp	4212
	Silurian	1936	420			76	0	1		36	L	12	D		
		1939	440			42	1	1		42	L	12	R		
*Bartelso E, Clinton, 1N, 3W															
	Silurian	1950	220	16.4	1008.2	24	3	0	19	42	L	7	R	SiI	2900

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil			Pay zone		Deepest test Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness		Structure	
Bartelso S, Clinton, 1N, 3W																
	Devonian	1942	60	0.0	23.7	3	0	0	0	40	0.15	L	3	A	Dev	2652
			ABD 1962													
Bartelso W, Clinton, 1N, 3-4W																
	Cypress, Mis	1945	290	0.9	111.8	22	0	0	11					A	Sil	2600
	Silurian	1961	290			19	0	0		36		S	15	A		
			10			1	0	0		40		L	7	A		
*Beaucoup, Washington, 2S, 2W																
	Clear Creek, Dev	1951	280	0.0	389.6	14	0	0	10					A	Trn	4192
	Trenton, Ord	1952	280			14	0	0		39		D	12	AU		
			10			1	0	0		39		L	5	A		
*Beaucoup S, Washington, 2S, 2W																
	Benoist, Mis	1951	260	4.3	1099.0	22	0	0	12	35		S	9	AL	Ord	4170
*Beaver Creek, Bond, Clinton, 3-4N, 2-3W																
	Benoist, Mis	1942	180	4.1	318.3	17	0	0	4	34	0.25	S	6	A	Sil	2558
Beaver Creek N, Bond, 4N, 3W																
	Benoist, Mis	1949	80	0.0	0.7	6	0	0	0	24		S	4	A	Dev	2556
			ABD 1954, REV 1958, ABD 1964													
*Beaver Creek S +, Clinton, Bond, 3-4N, 2-3W																
	Cypress, Mis	1946	600	6.6	807.1	55	0	0	26					A	Sil	2606
	Bethel, Mis	1974	20			2	0	0		36		S	20	A		
	Benoist, Mis	1946	10			1	0	0		35		S	7	A		
			570			52	0	0				S	5	A		
Beckemeyer Gas +, Clinton, 2N, 3W																
	Cypress, Mis	1956	10	0.0	0.0	1	0	0	0			S	23		Sil	2730
			ABD 1958													
*Bellair, Crawford, Jasper, 8N, 14W																
	Pennsylvanian	1907	2410	x	x	567	2	0	93					AM	Dev	2732
	Pennsylvanian	560	2200			315	0	0		29		S	30	AM		
	Mississippian	815	#			82	1	0		37		S	x	AM		
	Cypress, Mis	950	120			190	0	0		37		S	x	AM		
	Benoist, Mis	1000	440			9	0	0		36		S	4	AM		
	Renault, Mis	830	30			6	0	0		36		S	10	AM		
	Aux Vases, Mis	800	220			6	0	0		37		S	6	AM		
	Ohara, Mis	860	110			2	0	0		38		L	x	AM		
	McClosky, Mis	1436	#			9	1	0		37		L	12	A		
	St. Louis, Mis	1654	10			1	0	0				L	x			
	Carper, Mis	1748	50			4	0	0				S	14			
			SEE CLARK COUNTY DEV. FOR PRODUCTION													
*Belle Prairie, Hamilton, 4S, 6-7E																
	McClosky, Mis	1940	300	4.1	1135.3	17	0	0	8	38	0.12	L	6	AC	Dev	5483
Belle Prairie W, Hamilton, 4S, 5E																
	Salem, Mis	1959	160	14.8	212.5	16	0	0	15						Dev	5445
	Ullin, Mis	1980	130			12	0	0				L	10			
		1959	50			5	0	0		37		L	6			
			ABD 1960, REV 1980													
Belle Rive, Jefferson, 3S, 4E																
	Aux Vases, Mis	1943	200	5.0	463.9	10	0	4	7						Dev	5200
	McClosky, Mis	1984	10			1	0	0				S	10			
	Salem, Mis	1943	110			3	0	0		37	0.50	L	6	AC		
	Ullin, Mis	1982	50			3	0	3				L	7			
	Devonian	1980	20			3	0	1				L	4			
		1980	20			2	0	1				L	14			
Belle Rive S W, Jefferson, 4S, 4E																
	McClosky, Mis	1982	10	0.5	6.2	1	0	0	1						Mis	4120
	Salem, Mis	1982	10			1	0	0				L	6			
		1982	10			1	0	0				L	11			

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock	Pay zone Thickness	Pay zone Structure	Deepest test Zone	Depth (ft)
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned end of 1986	Producing end of year	GR. API					
Bellmont, Wabash, 1S, 13-14W															
	Bethel, Mis	1951	30	0.0	73.0	4	0	0	0	38	S	7	M	Mis	3006
	Ohara, Mis	1951	10			1	0	0							
		1951	20			3	0	0		40	L	7	ML		
			ABD 1972												
*Beman, Lawrence, 3N, 11W															
	Aux Vases, Mis	1942	630	7.6	420.4	39	1	0	12	38	S	20	A	Dev	3410
	Ste. Gen., Mis	1850	100			8	0	0		38	L	7	AL		
		1942	540			35	1	0					AC		
Beman E, Lawrence, 3N, 10W															
	Aux Vases, Mis	1947	130	0.2	118.5	9	0	0	2	38	S	20	A	Mis	2519
	Ste. Gen., Mis	1860	50			5	0	0		38	L	7	AL		
		1947	110			6	0	0					AC		
			ABD 1960,REV 65,ABD 69,REV 80												
Bennington S, Edwards, 1N, 10E															
	McClosky, Mis	1944	10	0.0	10.4	1	0	0	0	37	L	8	MC	Mis	3420
			ABD 1946												
*Benton, Franklin, 6S, 2-3E															
	Pennsylvanian	1941	2610	311.0	41488.0	283	2	0	50	33	S	9	AC	Trn	6250
	Tar Springs, Mis	1941	20			2	0	0		38	S	10	AL		
	Aux Vases, Mis	1959	2360			249	0	0		38	S	15	AC		
	Ohara, Mis	1959	460			30	1	0		38	S	8	A		
	Spar Mt., Mis	1983	330			19	1	0			L	16	A		
	McClosky, Mis	1960	#			1	0	0			S	8	A		
	St. Louis, Mis	1960	#			7	0	0		37	OL	4	AC		
	Salem, Mis	1984	10			2	1	0		38	L	6	A		
	Ullin, Mis	1960	20			2	1	0		38	L	5	A		
		1960	30			3	0	0			L	5	A		
*Benton N, Franklin, 5-6S, 2E															
	Cypress, Mis	1941	950	54.9	4314.7	92	1	0	11	38	S	17	A	Dev	4750
	Paint Creek, Mis	1944	100			14	0	0		38	S	8	A		
	Bethel, Mis	1962	400			15	0	0		38	S	20	AL		
	Aux Vases, Mis	1942	#			21	0	0		38 0.15	S	10	A		
	Ohara, Mis	1942	210			17	0	0		39 0.15	S	8	A		
	Spar Mt., Mis	1941	510			13	0	0		38 0.70	L	6	A		
	McClosky, Mis	1941	#			11	0	0		36 0.15	S	6	A		
	St. Louis, Mis	1979	#			20	0	0		34	L	10	A		
	Salem, Mis	1984	60			6	1	0			L	10			
	Ullin, Mis	1984	40			2	0	0			L	29			
		1984	10			1	0	0			L	14			
*Berry, Sangamon, 15N, 3W															
	Devonian	1961	660	2.3	617.5	45	0	0	19	38	S	4		Si1	1964
	Silurian	1962	60			2	0	0		38	L	35			
		1961	660			43	0	0							
*Berryville C, Wabash, Edwards, Richland, Lawrence, 1-2N, 14W															
	Cypress, Mis	1943	1060	42.8	1940.5	72	4	3	39		S	5	M	Mis	3921
	Bethel, Mis	1984	30			2	1	1			S	4			
	Ohara, Mis	1983	10			2	0	0			L	6	MC		
	Spar Mt., Mis	1943	790			16	2	1	39		L	12	MC		
	McClosky, Mis	1947	#			15	0	0	36		L	10	MC		
	St. Louis, Mis	1982	120			20	0	1			L	4			
	Salem, Mis	1975	100			10	0	0			L	10			
	Ullin, Mis	1975	20			7	1	0			L	10			
						2	0	0			L	10			
Bessie, Franklin, 6S, 3E															
	Hardinsburg, Mis	1900	390	173.6	1085.9	24	4	1	22		S	2		Dev	5042
	Ohara, Mis	1986	20			2	2	0		39 0.15	L	10	MC		
	St. Louis, Mis	1943	10			1	0	0			L	26			
	Ullin, Mis	1980	40			4	1	1			L	6			
		1979	340			18	1	0			L	6			
Black Branch, Sangamon, 15N, 4W															
	Silurian	1967	350	6.1	640.9	26	2	0	18	38	L	10	MU	Si1	1744
Black Branch E +, Sangamon, 15N, 4W															
	Silurian	1969	10	0.0	2.8	1	0	0	0		L	20	MU	Si1	1755
			ABD 1974												

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness		Structure	
*Blackland, Macon, Christian, 15N, 1E-1W																
	Silurian	1935 1953	430	4.2	530.7	46	0	0	6	39	L	12	MU	Ord	3780	
Blackland N, Macon, 16N, 1E																
	Silurian	1948 1960	680	16.0	346.0	51	1	0	30	39	L	11	M	Sil	2164	
Blackland S, Macon, Christian, 15N, 1W																
	Silurian	1986 1982	270	6.9	118.5	17	0	3	14		L	12		Sil	2160	
Black River, White, 4S, 13W																
	Deponia, Mis	1865 1952	210	15.8	297.8	17	0	0	13					Mis	3225	
	Palestine, Mis	1944 1981	190			14	0	0		36	S	6				
	Renault, Mis	2816 1982	10			1	0	0			S	3				
	McClosky, Mis	2973 1980	10			1	0	0			S	8				
			10			1	0	0			OL	3				
			ABD 1974, REV 1978													
Blairsville W, Hamilton, 4S, 6-7E																
	Aux Vases, Mis	3250 1948	280	11.3	495.0	19	0	0	8				A	Dev	5605	
	Spar Mt., Mis	3345	40			4	0	0				x				
	McClosky, Mis	3405 1951	190			1	0	0			L	6		AC		
	Salem, Mis	4170 1981	#			11	0	0		37	L	8		AC		
	Ullin, Mis	4340 1981	40			2	0	0			L	10				
			30			4	0	0			L	10				
Bluford, Jefferson, 2S, 4E																
	McClosky, Mis	3060 1961	30	0.9	166.0	2	0	0	1	38	OL	6		Mis	3833	
Bogota, Jasper, 6N, 9E																
	Spar Mt., Mis	3090 1943	360	5.1	582.8	22	0	1	10				A	Mis	3486	
	McClosky, Mis	3110 1943	360			5	0	1			L	4		AC		
			#			17	0	0		39	L	7		A		
Bogota N, Jasper, 6N, 9E																
	McClosky, Mis	3080 1949	20	0.0	0.0	2	0	0	1	37	L	3		Mis	3647	
			ABD 1950, REV 1973													
Bogota S, Jasper, 5-6N, 9E																
	Spar Mt., Mis	3081 1944	400	4.6	568.3	30	0	3	6				MC	Mis	3787	
	McClosky, Mis	3075 1944	80			5	0	2			L	5				
			320			25	0	1		37	L	8		MC		
Bogota W, Jasper, 6N, 9E																
	McClosky, Mis	3080 1966	120	49.6	67.3	8	4	0	7	37	D	6		Sil	4931	
			ABD 1967, REV 1985													
*Bone Gap C, Edwards, 1S, 10-11E, 14W																
	Pennsylvanian	2110 1941	1810	31.5	2962.2	109	2	4	51				A	Mis	4251	
	Waltersburg, Mis	2310 1952	10			1	0	0		32	S	8		AL		
	Cypress, Mis	2710 1947	180			18	1	0		35		20		A		
	Bethel, Mis	2880 1952	130			10	0	0		37		10		A		
	Aux Vases, Mis	3020 1947	180			12	0	0		39		14		AL		
	Dhara, Mis	3040 1948	230			14	0	1		36		9		AL		
	Spar Mt., Mis	3045 1947	1160			17	1	1		34		5		AC		
	McClosky, Mis	3200 1941	#			9	0	1		35		5		AC		
			#			31	0	1		38	0.33	6		AC		
Bone Gap E, Edwards, 1S, 14W																
	Dhara, Mis	2980 1951	190	3.0	141.6	15	0	0	11				M	Mis	4000	
	McClosky, Mis	3050	70			6	0	0			L	10		MC		
	Salem, Mis	3555 1974	#			1	0	0		36	L	5		MC		
			120			9	0	0			L	4				
			ABD 1956, REV 1974													
Bone Gap W, Edwards, 1S, 10E																
	Ste. Gen., Mis	3290 1954	200	1.6	79.5	13	0	1	9	36	L	5		Mis	4151	
			ABD 1975, REV 1964													
*Boulder +, Clinton, 2-3N, 2W																
	Benoist, Mis	1190 1941	580	0.0	8120.0	55	0	0	0	37	S	20	D	Trn	3813	
			500			33	0	0					D			

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Depth (ft)	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test Depth (ft)
					During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	
*Boulder +, Clinton, 2-3N, 2W (Continued from previous page)															
	Geneva, Dev	2630	1941	470			22	0	0		28	0.33	D	7	Rd
	Silurian	2700	1963	40			1	0	0		40		L	4	R
				ABD 1965											
Boulder E +, Clinton, 3N, 1W															
	Devonian	2850	1955	80	6.2	207.6	7	0	0	5	39		L	5	Dev 2946
*Bourbon C, Douglas, 15N, 7E															
			1956	1060	3.1	1833.7	98	3	0	28					Sil 2818
	Aux Vases, Mis	1512	1980	20			2	0	0				S	4	
	Spar Mt., Mis	1600	1956	1050			94	2	0	34			LS	12	AC
	McClosky, Mis	1715	1976	#			1	0	0				L	5	
	Chouteau, Mis	2471	1986	10			1	1	0				L	5	
Bourbon S, Douglas, 15N, 7E															
	Spar Mt., Mis	1693	1960	50	0.0	9.6	3	0	0	2	34		S	12	AC Mis 1780
				ABD 1964, REV 1976											
Bowyer, Richland, 5N, 14W															
			1958	100	0.2	15.9	6	2	1	2					Mis 2950
	Spar Mt., Mis	2883	1958	100			3	0	1	36			S	x	
	McClosky, Mis	2876	1971	#			3	2	0				L	5	
				ABD 67, REV 71, ABD 72, REV 81											
*Boyd, Jefferson, 1S, 1-2E															
			1944	1490	7.6	15000.4	128	0	0	40					Trn 5400
	Benoist, Mis	2060	1944	1450			114	0	0		35	0.14	S	19	A
	Aux Vases, Mis	2130	1944	660			48	0	0		37		S	15	A
	Ohara, Mis	2230	1945	30			24	0	0		39		L	2	AC
	Trenton, Ord	5000	1967	90			6	0	0					x	
Brocton, Edgar, 15N, 14W															
	Pennsylvanian	210	1984	10	0.2	0.3	1	0	0	1			S	5	Pen 769
Brooklyn, Schuyler, 3N, 3W															
	Devonian	460	1983	540	2.1	163.6	38	0	0	33			L	15	U Ord 996
Brooklyn N, McDonough, 4N, 3W															
	Silurian	590	1984	10	0.3	2.4	1	0	0	1			L	38	U Ord 1009
Brooklyn NW, McDonough, 31, 4N, 3W															
	Silurian	493	1984	10	0.0	0.0	1	0	0	1			L	3	U Sil 650
Broughton, Hamilton, 6S, 7E															
			1951	390	15.5	387.0	23	0	0	18					Mis 4446
	McClosky, Mis	3275	1951	210			11	0	0	37			L	5	
	Salem, Mis	4024	1978	20			3	0	0				L	35	
	Ullin, Mis	4190	1977	160			9	0	0				L	10	
				ABD 1954, REV 1977											
Broughton N, Hamilton, 6S, 7E															
	Aux Vases, Mis	3214	1980	10	1.7	19.0	1	0	0	1			S		Mis 4330
Broughton S, Saline, 7S, 7E															
			1951	20	0.0	0.1	2	0	0	0					Mis 3300
	Tar Springs, Mis	2315	1974	10			1	0	0				S	7	
	McClosky, Mis	3215	1951	10			1	0	0	38			L	4	
				ABD 1952, REV 1974, ABD 1976											
*Brown, Marion, 1N, 1E															
	Cypress, Mis	1670	1910	120	1.7	170.3	12	0	0	10	36		S	4	A Mis 2036
*Browns E, Wabash, 1-2S, 14W															
			1946	900	9.5	3011.5	80	2	0	19					Dev 5083
	Pennsylvanian	1844	1963	10			1	0	0		32		S	x	
	Cypress, Mis	2570	1946	790			75	2	0	36			S	13	ML
	Spar Mt., Mis	2950	1977	70			3	0	0				S	5	
	Salem, Mis	3420	1976	50			5	0	0				L	20	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR, API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Brubaker, Marion, 3N, 3E																
	Spar Mt., Mis	1973	190	32.0	487.2	13	0	0	9				R			5200
	McClosky, Mis	2341 1975	60	#		2	0	0				OL	20			
	St. Louis, Mis	2395 1975	#			2	0	0				L	5			
	Salem, Mis	2550 1976	40			3	0	0				D	46			
	Devonian	2765 1974	20			2	0	0				L	7			
		3820 1973	70			4	0	0	34			L	1	Rd		
Buckhorn C, Brown, 1-2S, 3-4W																
	Silurian	682 1961	2300	72.4	1538.4	194	4	1	180	37		D	3	U	Sil	722
Buckner, Franklin, 6S, 2E																
	Aux Vases, Mis	1963	240	7.1	250.0	17	0	3	11						Dev	4594
	Ohara, Mis	2601 1963	220			16	0	2		38		S	12			
		2660 1984	10			2	0	1				L	3			
Bulpitt S, Christian, 13N, 3W																
	Devonian	1911 1962	60	0.0	3.4	4	0	0	0	38		L	15		DvS	1990
			ABD 1969													
*Bungay C, Hamilton, 4S, 7E																
	Renault, Mis	1941	3560	77.0	14914.5	278	2	2	85						Dev	5566
	Aux Vases, Mis	3270 1941	560			23	0	0		39		S	10	AL		
	Ohara, Mis	3295 1941	2990			213	2	0		39 0.24		S	15	AL		
	Spar Mt., Mis	3335 1943	420			6	0	0				L	8	AC		
	McClosky, Mis	3400 1943	#			4	0	1				L	8	AC		
	Ullin, Mis	3425 1943	10			21	0	1		36 0.24		L	8	AC		
		4190 1959				1	0	0		38		L	10	AC		
Burnt Prairie S, White, 4S, 9E																
	Aux Vases, Mis	1947	80	0.2	34.9	7	0	1	2						Mis	3600
	Ohara, Mis	3330 1947	20			2	0	0		37		S	24			
	McClosky, Mis	3415 1947	70			1	0	1		38		L	6			
		3460	#			4	0	0				L	4			
Burnt Prairie Sw, White, 4S, 8E																
	Aux Vases, Mis	1979	370	28.9	555.4	30	0	0	26						Mis	4405
	Ohara, Mis	3336 1979	90			8	0	0				S	6			
	Spar Mt., Mis	3436 1979	280			5	0	0				L	8			
	McClosky, Mis	3451 1979	#			2	0	0				S	4			
		3513 1979	#			16	0	0				L	6			
Calhoun Cen, Richland, 2N, 10E																
	Spar Mt., Mis	1950	30	0.0	0.5	3	0	0	0						Mis	4107
	McClosky, Mis	3245 1950	30			2	0	0				L	6	MC		
		3280 1950	#			1	0	0		37		L	3	MC		
			ABD 1952, REV AND ABD 1959													
*Calhoun C, Richland, Wayne, 2-3N, 9-10E																
	Ohara, Mis	1944	2200	10.6	4239.5	130	2	4	25						Sil	5645
	Spar Mt., Mis	3140 1944	2200			25	2	2		39		OL	9	A		
	McClosky, Mis	3160 1944	#			30	0	2		37		OL	6	A		
	St. Louis, Mis	3180 1944	#			74	0	0		39 0.15		OL	10	A		
	Salem, Mis	3370 1967	10			1	0	0		39		L	9			
		3730 1967	40			3	0	0		39		L	8			
*Calhoun E, Richland, 2N, 10-11E																
	Spar Mt., Mis	1950	410	55.9	408.8	29	10	0	20						MC	4494
	McClosky, Mis	3294 1985	410			12	9	0				S	4	MC		
	Ullin, Mis	3265 1950	#			20	1	0		39		L	5			
		4099 1985	10			1	0	0				L	5			
			ABD 1977, REV 1980													
Calhoun N, Richland, 3N, 10E																
	Spar Mt., Mis	1944	60	0.9	87.6	4	0	0	1						Mis	3280
	McClosky, Mis	3155 1944	60			1	0	0				LS	10	A		
		3170 1944	#			4	0	0		36		OL	11	A		

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Calhoun S, Wayne, Richland, Edwards, 1-2N, 9E																
		1953	710	19.3	817.2	45	3	0	20						Mis	4152
Aux Vases, Mis		3175 1953	30			3	0	0	38		L	5				
Ohara, Mis		3232 1963	690			7	0	0			L	8				
Spar Mt., Mis		3224 1962	#			22	1	0			L	5				
McClosky, Mis		3209 1961	#			26	2	0	37		OL	6				
ABD 1953, REV 1961																
Carlinville +, Macoupin, 9N, 7W																
Pennsylvanian		380 1909	40	0.0	x	8	0	0	2	28	S	6	A	Mis	1380	
ABD 1925, REV 1942																
Carlinville N +, Macoupin, 10N, 7W																
Pottsville, Penn		440 1941	100	0.0	1.9	20	0	0	4	20	0.35	S	10	Trn	1970	
ABD 1954, REV 1982																
Carlinville S, Macoupin, 9N, 7W																
Pennsylvanian		539 1958	10	0.0	0.0	1	0	0	0	26		S	x	Pen	1020	
ABD 1964																
*Carlyle, Clinton, 2N, 3W																
		1911	1330	23.4	4400.6	214	0	0	38					A	Stp	4120
Golconda, Mis		900 1952	10			7	0	0	35		L	10	AC			
Cypress, Mis		1035 1911	1320			212	0	0	35	0.26	S	20	AL			
Carlyle E, Clinton, 2N, 2W																
Benoist, Mis		1197 1963	30	0.0	1.5	2	0	0	0	34		S	4	Mis	1245	
ABD 1972, REV 1978, ABD 1985																
*Carlyle N, Clinton, 3N, 3W																
Benoist, Mis		1150 1950	550	9.4	1025.9	46	0	0	31	34		S	6	AL	Dev	2558
Carlyle S, Clinton, 1N, 3W																
Cypress, Mis		1075 1951	40	0.4	4.2	5	0	0	3	35		S	4	Mis	1194	
ABD 1983, REV 1982																
*Carmi, White, 5S, 9E																
		1940	350	4.2	425.8	28	2	0	8					M	Mis	3546
Pennsylvanian		1210	10			1	0	0	32		S	10	ML			
Cypress, Mis		2800	150			11	0	0	38		S	15	ML			
Aux Vases, Mis		3145	90			8	2	0	37		S	8	ML			
Spar Mt., Mis		3170 1984	120			1	0	0			S	3				
McClosky, Mis		3150 1940	#			8	0	0	35		OL	6	MC			
ABD 1949, REV 1952																
*Carmi N, White, 5S, 9E																
		1942	130	9.8	354.7	11	0	0	8					A	Mis	3452
Cypress, Mis		2940	30			2	0	0	38		S	13	AF			
Benoist, Mis		3080 1954	20			2	0	0	37		S	12	AF			
Aux Vases, Mis		3270 1942	100			8	0	0	36	0.14	S	14	AF			
*Casey, Clark, 10-11N, 14W																
		1906	3070	x	x	524	0	0	236					AM	Trn	2608
Pennsylvanian		265	2760			43	0	0	32		S	x	AM			
Pennsylvanian		300	#			95	0	0	30		S	x	AM			
Casey, Penn		445	#			375	0	0	35		S	10	AM			
St. Louis, Mis		410	#			0	0	0			L	x				
Carper, Mis		1300	280			21	0	0	38		S	50	AM			
SEE CLARK COUNTY DIV. FOR PRODUCTION																
*Centerville, White, 4S, 9E																
		1940	260	5.8	576.7	19	0	0	6					A	Mis	4365
Aux Vases, Mis		3240 1953	20			2	0	0	37		S	6	AL			
Ohara, Mis		3310	240			6	0	0	38		L	10	AC			
Spar Mt., Mis		3370	#			5	0	0			L	8	AC			
McClosky, Mis		3370 1940	#			8	0	0	37	0.17	OL	4	AC			
Ullin, Mis		4120 1983	10			1	0	0			L	21				
*Centerville E, White, 3-4S, 9-10E																
		1941	1400	29.2	8729.1	148	3	1	71					A	Dev	5990
Palestine, Mis		2225 1950	20			2	0	0	35		S	3	ALF			
Tar Springs, Mis		2500	820			35	0	0	38	0.20	S	24	ALF			
Hardinsburg, Mis		2615 1950	40			1	0	0	36		S	22	ALF			
Cypress, Mis		2915 1941	660			49	0	0	37		S	6	ALF			
Bethel, Mis		2990 1942	220			20	0	0	38		S	20	ALF			
Aux Vases, Mis		3075	530			39	0	0	37		S	21	ALF			

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test Depth (ft)	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness		Structure
Clear Lake E, Sangamon, 16N, 4W															
	Silurian	1596	1970	40	0.3	26.3	2	0	0	1	25	L	12	Sil	1653
Clifford, Williamson, 8S, 1E															
	Aux Vases, Mis	2380	1957	40	0.0	15.0	2	0	0	0	38	S	7	Mis	2625
	Spar Mt., Mis	2470	1957	20			1	0	0		38	LS	7		
	McClosky, Mis	2540	1957	#			1	0	0		38	L	5		
				ABD 1965											
*Coil, Wayne, 1S, 5E															
	Aux Vases, Mis	2910	1942	560	17.8	3360.0	40	0	0	25	39	0.12	S	10	A
	Spar Mt., Mis	3018	1982	380			26	0	0				S	4	A
	McClosky, Mis	3065	1942	20			1	0	0		38		OL	15	AC
	St. Louis, Mis	3021	1967	#			1	0	0				L	9	
	Salem, Mis	3510	1977	100			6	0	0				L	14	
				100			9	0	0						
*Coil W, Jefferson, 1S, 4E															
	Aux Vases, Mis	2720	1942	630	21.4	1450.5	57	0	0	26	39		S	15	A
	Ohara, Mis	2790	1942	180			15	0	0				L	7	AL
	Spar Mt., Mis	2805	1942	230			11	0	0				L	7	AC
	McClosky, Mis	2880	1942	#			2	0	0				L	7	AC
	St. Louis, Mis	3040	1967	#			14	0	0		38		L	8	AC
	Salem, Mis	3346	1961	160			15	0	0		39		L	7	
				280			20	0	0		37		L	10	A
Collinsville, Madison, 3N, 8W															
	Silurian	1305	1909	40	0.0	1.0	6	0	0	0	37	L	20	ML	Stp
				ABD 1921											
*Colmar-Plymouth, Hancock-McDonough, 4-5N, 4-5W															
	Holing, Dev	450	1914	2560	1.2	5150.7	512	0	0	75	35	0.38	S	14	AL
Comer, Macoupin, 10N, 8W															
	Pennsylvanian	444	1982	10	0.0	0.0	1	0	1	0		S	8	Pen	524
				ABD 1986											
*Concord C, White, 6S, 10E															
	Tar Springs, Mis	2270	1942	2290	61.1	9030.6	213	2	2	88			S	11	A
	Hardinsburg, Mis	2510	1943	350			26	0	0		36		S	7	AL
	Cypress, Mis	2625	1954	350			30	0	0		36		S	7	AL
	Aux Vases, Mis	2905	1944	270			19	0	0		37		S	10	AL
	Ohara, Mis	2930	1942	710			53	1	0		36	0.15	S	14	AL
	Spar Mt., Mis	3035	1943	1100			3	1	0				L	8	AC
	McClosky, Mis	3370	1976	#			4	1	0				L	8	AC
	St. Louis, Mis	3790	1981	250			56	0	1		37		L	10	AC
	Salem, Mis	3900	1975	530			18	0	1				L	7	AC
	Ullin, Mis						30	1	0				L	8	
*Concord E C, White, 6-7S, 10E															
	Degonia, Mis	1900	1942	470	8.0	923.2	43	0	0	16			S	6	A
	Waltersburg, Mis	2140	1984	10			1	0	0				S	10	Mis
	Tar Springs, Mis	2175		40			4	0	0		33		S	4	A
	Cypress, Mis	2540		80			6	0	0		36		S	4	A
	Renault, Mis	2800		210			20	0	0		38		S	6	A
	Aux Vases, Mis	2825		20			2	0	0		36		L	6	A
	Ohara, Mis	2895		70			7	0	0		36		S	12	A
	Spar Mt., Mis	2895		120			3	0	0				L	6	AC
	McClosky, Mis	2965		#			6	0	0				S	5	AC
				#			4	0	0		37		L	2	AC
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E															
	Cypress, Mis	1600	1941	3230	7.1	3160.3	260	0	0	74			S	20	A
	Aux Vases, Mis	1765	1955	10			1	0	0		39		S	4	A
	Spar Mt., Mis	1800	1941	10			2	0	0		37		S	15	A
			1946	3170			253	0	0		37		S	9	A

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock	Pay zone Thickness	Pay zone Structure	Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API				Sulfur per cent	Zone
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E (Continued from previous page)															
	McClosky, Mis	1840 1955	#			2	0	0			L	4	A		
	Osage, Mis	2285 1985	10			1	0	0			S	15			
	Carper, Mis	2700 1963	20			1	0	0		38	L	5			
	Devonian	2867 1963	40			5	0	0		37	S	3			
Cooperstown W, Brown, 1S, 2W															
	Silurian	598 1982	10	0.0	0.0	1	0	0	1		L		U	Sil	695
*Cordes, Washington, 3S, 3W															
	Benoist, Mis	1260 1939	1640	30.2	10499.1	156	0	0	33	36	0.19	S	14	A	Ord 3880
Cordes N, Washington, 2S, 3W															
	Devonian	2740 1983	10	0.0	0.0	1	0	0	1		L			Ord	3850
Cordes N E, Washington, 3S, 2W															
	Cypress, Mis	1200 1983	20	0.0	2.3	2	0	0	2					Mis	1207
	Benoist, Mis	1392 1985	10			1	0	0			S	9			
			10			1	0	0			S	3			
*Corinth, Williamson, 8S, 4E															
	Aux Vases, Mis	2885 1957	370	7.1	597.5	22	0	0	17					Ord	7250
	Ohara, Mis	2929 1957	320			19	0	0		38	S	10			
	Spar Mt., Mis	2985 1957	#			2	0	0		38	L	10			
	McClosky, Mis	3075 1984	#			1	0	0		38	L	10			
											OL	5			
Corinth E, Williamson, 8S, 4E															
	McClosky, Mis	3035 1957	10	0.0	10.6	1	0	0	0	38	L	10		Mis	3350
				ABD 1960											
Corinth N, Williamson, 8S, 4E															
	Aux Vases, Mis	2935 1957	10	0.0	3.7	1	0	0	0	36	S	16		Mis	3180
				ABD 1960											
Corinth S, Williamson, 9S, 4E															
	Cypress, Mis	2350 1972	10	0.2	9.4	1	0	0	1		S	8		Mis	2820
				ABD 1975											
Cottage Grove, Saline, 9S, 7E															
	Ohara, Mis	2770 1955	10	0.0	12.5	1	0	0	0	38	L	20		Mis	2977
				ABD 1963											
Coulterville N, Washington, 3S, 5W															
	Silurian	2290 1958	50	0.0	41.4	5	0	0	3	42	L	x	R	Ord	3204
*Covington S, Wayne, 2S, 6E															
	Ohara, Mis	3290 1943	730	13.4	640.4	33	1	4	14				AC	Dev	5300
	McClosky, Mis	3310 1943	640			2	0	2			L	6			
	St. Louis, Mis	3361 1962	#			27	1	2		36	0.18	L	5	AC	
	Ulin, Mis	4148 1960	90			1	0	0		36		L	4	AC	
						6	0	0		36		L	12	AC	
Craig, Perry, 4S, 4W															
	Trenton, Ord	3650 1948	10	0.0	2.9	2	0	0	0	35	L	20	A	Ord	3750
				ABD 1951, REV 1965, ABD 1967											
Cravat, Jefferson, 1S, 1E															
	Benoist, Mis	2070 1939	120	0.2	388.7	11	0	0	6	34	0.23	S	10	A	Dev 3850

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone	Deepest test Zone	Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR, API	Sulfur percent				Kind of rock	Thickness
Deering City E, Franklin, 7S, 3E																
	McClosky, Mis	2965	1974	10	1.8	18.5	1	0	0	1		L	7	Mis	3117	
Deland, Piatt, 19N, 5E																
	Silurian	1225	1981	60	0.6	7.6	4	0	0	4		L	4	Sil	1255	
Divernon, Sangamon, 13N, 5W																
	Silurian	1643	1982	340	6.8	183.3	18	0	0	17		L		U	Ord	2200
*Divide C, Jefferson, 1S, 3-4E																
	Aux Vases, Mis	2620	1943	5420	286.7	12693.1	375	16	3	202		S		A	Dev	4700
	Ohara, Mis	2700	1947	170			11	0	0		38	L	10	AL		
	Spar Mt., Mis	2700	1944	2870			8	0	0		38	LS	10	AC		
	McClosky, Mis	2750	1945	#			24	4	0		37	L	6	A		
	St. Louis, Mis	2840	1943	#			177	8	2		37	L	6	AC		
	Salem, Mis	3190	1955	450			45	4	1		37	L	7	AC		
	Ullin, Mis	3502	1960	2770			181	9	1		37	L	10	AC		
			1981	10			1	0	0			L	10	AC		
Divide S, Jefferson, 2S, 3-4E																
	McClosky, Mis	2880	1948	310	0.0	498.9	17	0	0	2		L		Mis	3935	
	St. Louis, Mis	2990	1948	300			16	0	0		37	L	5			
			1984	10			1	0	0			L	8			
Dix S, Jefferson, 1S, 2E																
	Benoist, Mis	1950	1941	230	66.6	136.5	20	4	0	18		S		A	Mis	5036
	Renault, Mis	2049	1941	20			2	0	0		35	S	8	A		
	Spar Mt., Mis	2144	1985	20			2	0	0			S	4			
	McClosky, Mis	2253	1985	120			5	2	0			S	8			
	Salem, Mis	2438	1985	#			5	2	0			S	10			
				80			7	0	0			L	10			
				ABD 1946, REV 1985												
*Dollville, Shelby, 12N, 2E																
	Bethel, Mis	1509	1961	310	30.8	110.4	20	2	0	16		S	4	Mis	1800	
Dubois Cen, Washington, 3S, 1W																
	Benoist, Mis	1335	1954	140	4.0	287.7	13	1	0	7		S		Dev	3100	
	Spar Mt., Mis	1530	1955	110			12	0	0		30	L	12			
			1954	80			4	1	0		35	L	8			
*Dubois C, Washington, 3S, 1-2W																
	Cypress, Mis	1230	1939	1570	28.8	2607.4	132	0	0	88		S		A	Knox	5504
	Benoist, Mis	1325	1947	500			44	0	0		37	S	10	AL		
			1939	490			43	0	0		30	S	10	AL		
Dubois S, Perry, 4S, 1W																
	Benoist, Mis	1310	1984	40	2.0	4.5	4	2	0	4		S	2	Mis	1319	
*Dudley, Edgar, 13-14N, 13W																
	Upper Dudley, Penn	310	1948	900	57.9	2844.3	129	0	0	113		S		M	Stp	2997
	Lower Dudley, Penn	410		900			24	0	0		25	S	20	ML		
				#			105	0	0		24	S	50	ML		
Dudleyville E, Bond, 4-5N, 2-3W																
	Devonian	2370	1954	20	0.0	2.8	2	0	0	0		L	5	Ord	3397	
				ABD 1961												
Dupo, St. Clair, 1N, 1S, 10W																
	Trenton, Ord	700	1928	960	16.8	3058.9	326	0	0	28		L	50	A	Cam	3111
Eagarville E, Macoupin, 8N, 6W																
	Pennsylvanian	621	1980	60	0.4	15.5	4	0	0	4		S	7	Trn	745	
Eberle, Effingham, 6N, 6E																
			1947	200	0.4	152.4	15	0	0	4				A	Mis	2882

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone
(Continued from previous page)															
Eberle, Effingham, 6N, 6E	Cypress, Mis	2475 1947	110			9	0	0		37		S	10	AL	
	Spar Mt., Mis	2680	110			2	0	0				LS	5	AC	
	McClosky, Mis	2820 1947	#			4	0	0		38		L	7	A	
	ABD 1967, REV 1973														
Edinburg, Christian, 14N, 3W	Lingle, Dev	1810 1949	10	0.0	2.3	1	0	0	0	38		LS	2	A	Dev 1853
	ABD 1951														
Edinburg S, Christian, 14N, 3W	Hibbard, Dev	1795 1955	40	0.6	21.9	4	0	0	2	39		LS	13	C	Sil 1902
	ABD 1963, REV 1983														
*Edinburg W, Christian, Sangamon, 14N, 3-4W	Devonian	1954	2120	20.6	3288.1	153	0	0	91			S		A	Ord 2285
	Silurian	1660 1954	270			24	0	0		41		L	6	A	
		1690 1954	1880			131	0	0		41		L	8	A	
Elba, Gallatin, 8S, 8E	Cypress, Mis	1955	250	1.5	47.7	15	0	0	2			S			Mis 3000
	Bethel, Mis	2617 1958	10			1	0	0		37		S	10		
	Renault, Mis	2660 1955	80			3	0	0		36		S	3		
	Aux Vases, Mis	2770	10			1	0	0		36		S	5		
	Ohara, Mis	2780 1955	120			5	0	0		38		S	11		
		2820	80			5	0	0		38		L			
	ABD 1960, REV 1980														
*Elbridge, Edgar, 12-13N, 11W	Pennsylvanian	1949	440	4.2	15463.1	40	0	0	19			S		Rd	Trn 3300
	Fredonia, Mis	760 1950	10			2	0	0		30		S	3	Rd	
	Devonian	1950 1949	430			37	0	0		35		L	3	Rd	
		1950 1949	20			2	0	0		37		L	20	Rd	
*Eldorado C +, Saline, 8S, 6-7E	Degonia, Mis	1941	3940	58.5	12508.7	319	5	0	116			S		A	Mis 4004
	Palestine, Mis	1700 1976	40			3	0	0		36		S	16		
	Waltersburg, Mis	1920 1950	500			34	1	0		38		S	20	AL	
	Tar Springs, Mis	2125 1954	1960			147	0	0		38		S	25	AL	
	Hardinsburg, Mis	2200 1955	280			19	0	0		37		S	15	AL	
	Cypress, Mis	2350 1953	300			30	0	0		38		S	8	AL	
	Sample, Mis	2575 1954	300			22	0	0		37		S	8	AL	
	Benoist, Mis	2680 1954	70			6	0	0		37		S	18	AL	
	Aux Vases, Mis	2778 1962	#			2	1	0		37		S	10		
	Ohara, Mis	2900 1954	1110			80	4	0		37		S	12	AL	
	Spar Mt., Mis	2900	100			3	0	0				L	5	AC	
	McClosky, Mis	2975 1941	#			2	0	0		39 0.14		LS	4	AC	
												L	5	AC	
*Eldorado E +, Saline, Gallatin, 8S, 7-8E	Pennsylvanian	1953	640	8.4	477.9	46	3	0	20			S		A	Mis 4183
	Palestine, Mis	530 1981	80			6	3	0		36		S	8		
	Tar Springs, Mis	1915 1954	30			2	0	0		35		S	10	AL	
	Cypress, Mis	2190 1954	40			3	0	0		37		S	10	AL	
	Aux Vases, Mis	2515 1954	170			11	0	0		38		S	20	AL	
	Ohara, Mis	2885 1953	350			21	0	0		38		S	6	AL	
	Spar Mt., Mis	2918 1982	40			1	0	0				L	4		
	McClosky, Mis	2975 1954	#			1	0	0		38		L	4	AC	
		2990 1984	#			2	0	0				OL	4		
Eldorado W +, Saline, 8S, 6E	Palestine, Mis	1955	350	17.1	313.2	27	0	0	21			S			Mis 3165
	Renault, Mis	1940 1956	80			8	0	0		30		S	18		
	Aux Vases, Mis	2910 1955	30			3	0	0		37		L	6		
	Ohara, Mis	2960 1955	150			11	0	0		38		L	6		
	Spar Mt., Mis	2966 1982	150			3	0	0				L	4		
	McClosky, Mis	2994 1982	#			3	0	0				S	13		
		3031 1982	#			2	0	0				L	10		
Elk Prairie, Jefferson, 4S, 2E	Spar Mt., Mis	1938	230	227.6	636.0	16	9	0	14			S			Dev 4600
	McClosky, Mis	2775 1984	230			12	8	0				S	5		
	Salem, Mis	2735 1938	#			4	1	0		37		L	7		
		3076 1960	10			1	0	0		37		L	8		
	ABD 40, REV 60, ABD 70, REV 81														

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness		Structure	
Elkton, Washington, 2S, 4W																
	Bailey, Dev	2340 1955	40	0.0	2.6	2	0	0	0	40	D	30	U	Dev	2485	
			ABD 1960													
Elkton N, Washington, 2S, 4W																
	Hardin, Dev	2320 1971	160	1.9	88.1	9	0	0	9		S	7		Ord	3275	
Elkville, Jackson, 7S, 1W																
	Benoist, Mis	2000 1941	10	0.0	4.0	1	0	0	1	36	0.22	S	10		3914	
*Ellery E, Edwards, 2S, 10E																
	Aux Vases, Mis	3180 1952	480	4.6	1068.6	40	0	0	10					M	Mis	4400
	Ohara, Mis	3255 1953	260			25	0	0		36		S	35	ML		
	Spar Mt., Mis	3255 1952	300			11	0	0		37		L	6	MC		
	McClosky, Mis	3260 1978	#			4	0	0				L	4	MC		
	Ullin, Mis	4218 1979	10			1	0	0				L	6			
												L	9			
Ellery N, Edwards, Wayne, 2S, 9-10E																
	Bethel, Mis	3100 1942	160	2.1	118.7	12	0	0	6					M	Dev	5425
	Aux Vases, Mis	3230 1954	20			2	0	0				S	35	ML		
	Ohara, Mis	3300 1954	20			2	0	0				S	12	ML		
	Spar Mt., Mis	3345 1972	#			4	0	0				S	4			
	McClosky, Mis	3420 1942	#			2	0	0		37	0.19	L	8	ML		
	St. Louis, Mis	3438 1942	10			1	0	0				L	7	MC		
												L	6			
			ABD 1943, REV AND ABD 1951, REV 1954													
Ellery S, Edwards, 2-3S, 10E																
	Aux Vases, Mis	3200 1943	250	11.1	232.9	21	1	1	8					M	Mis	4325
	Spar Mt., Mis	3316 1947	50			7	0	0		36		S	15	ML		
	McClosky, Mis	3300 1943	180			14	1	1		38		S	3	MC		
	Ullin, Mis	4156 1978	10			1	0	0				L	10			
			ABD 1952, REV 53, ABD 59, REV & ABD 60, REV 78													
Elliottstown, Effingham, 7N, 7E																
	Spar Mt., Mis	2730 1947	10	0.0	13.7	1	0	0	0	39		S	8	HL	Mis	2884
			ABD 1951													
Elliottstown E, Effingham, 7N, 7E																
	Cypress, Mis	2485 1954	90	1.2	143.9	7	0	0	1	35		S	5	HL	Mis	3292
	Spar Mt., Mis	2750 1962	80			3	0	0		37		L	10			
	McClosky, Mis	2771 1962	#			3	0	0				L	8			
			ABD 1956, REV 1962													
*Elliottstown N, Effingham, 7N, 7E																
	Cypress, Mis	2430 1953	310	0.0	271.2	19	0	0	0	36		S	4	HL	Mis	3350
	Aux Vases, Mis	2710 1966	20			2	0	0		37		S	2			
	Spar Mt., Mis	2666 1964	270			2	0	0				L	3			
	McClosky, Mis	2738 1964	#			14	0	0		37		OL	17			
			ABD 1958, REV 1964, ABD 1985													
*Energy, Williamson, 9S, 2E																
	Aux Vases, Mis	2354 1968	140	4.6	218.8	10	0	0	10			S	16		Mis	2694
*Enfield, White, 5S, 8E																
	Paint Creek, Mis	3140 1950	750	39.6	1542.2	57	4	1	25					A	Mis	4657
	Bethel, Mis	3163 1984	10			1	0	0				S	12			
	Aux Vases, Mis	3250 1985	50			3	2	0		39		S	10			
	Ohara, Mis	3310 1950	390			26	0	1				S	10	AL		
	McClosky, Mis	3385 1950	310			7	0	0		37		L	4	AC		
	Salem, Mis	4196 1985	#			18	2	0				L	8	AC		
	Ullin, Mis	4320 1977	40			1	0	0				L	4			
						5	0	0				L	19			
			ABD 1951, REV 1952													
Enfield N, White, 5S, 8E																
	Aux Vases, Mis	3320 1976	470	23.3	626.5	35	0	0	25						Mis	4500
	Ohara, Mis	3400 1976	440			31	0	0				S	12			
	McClosky, Mis	3470 1983	30			3	0	0				L	6			
	Ullin, Mis	4385 1977	10			1	0	0				L	4			

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of depth discovery (ft)	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone Kind of rock	Thick-ness	Str-uct-ure	Deepest test Zone	Depth (ft)
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR, API	Sul-fur per-cent					
Enfield S, White, 6S, 8E																
	Aux Vases, Mis	1961 3174	70	5.0	22.6	7	0	0	5						Mis	4404
	Spar Mt., Mis	1961 3265	50			4	0	0	39		S	2				
	McClosky, Mis	1961 3277	10 50			1 4	0 0	0	38		S L	5 6				
ABD 1963, REV 1980																
Erwin, Schuyler, 2N, 3W																
	Silurian	415 1983	50	0.5	1.0	3	2	0	3		L	9			Ord	920
Evers, Effingham, 8N, 7E																
	Spar Mt., Mis	1948 2610	80	0.5	132.8	6	0	0	2						Ord	5370
	McClosky, Mis	1948 2660	70			3	0	0	39		L	7	A			
	Salem, Mis	1975 3126	# 10			2 1	0 0	0			L L	4 4	AL AC			
ABD 1949, REV 1953																
Evers S, Effingham, 7N, 7E																
	Spar Mt., Mis	2650 1948	10	0.0	2.4	1	0	0	0	38	LS	8	AC	Mis	2783	
ABD 1951																
Ewing, Franklin, 5S, 3E																
	Aux Vases, Mis	1944 2835	220	0.9	552.0	12	0	0	2						Mis	3951
	Spar Mt., Mis	1947 2950	40			3	0	0	38		S	8	A			
	McClosky, Mis	1981 2970	10			1	0	0	36		S L	10 7	AL A			
	St. Louis, Mis	1944 3170	# 10			7 1	0 0	0			L L	5 5				
	Ullin, Mis	1981 3790	40			1	0	0			L	6				
ABD 1971, REV 1976																
Ewing E, Franklin, 5S, 3E																
	Ohara, Mis	1956 3010	560	101.0	1011.3	43	5	0	38						Ord	9511
	St. Louis, Mis	1958 3265	10			1	0	0	38		L	10				
	Salem, Mis	1978 3546	60			5	1	0			L L	8 14				
	Ullin, Mis	1976 3880	60 590			6 34	2 3	0			L L	14 6				
Exchange, Marion, 1N, 3E																
	Ohara, Mis	1943 2695	780	29.6	507.1	54	0	0	46						Sil	4908
	Spar Mt., Mis	1983 2715	60			23	0	0	37		L	10	M			
	McClosky, Mis	1943 2730	#			4	0	0	37		S	5	MC			
	St. Louis, Mis	1978 2951	620			16	0	0			L	8	MC			
	Salem, Mis	1975 3171	220			19	0	0			L	15				
ABD 1967, REV 1975																
*Exchange E, Marion, 1N, 4E																
	Ohara, Mis	1955 2775	280	1.4	583.7	21	0	1	5						Dev	4644
	Spar Mt., Mis	1955 2780	230			8	0	0	37		L	14				
	McClosky, Mis	1955 2840	#			6	0	1			S	11				
	St. Louis, Mis	1955 2940	20			2	0	0	38		L	4				
	Salem, Mis	1982 3310	30			3	0	0			L	10				
*Exchange N C, Marion, 1N, 3-4E																
	Spar Mt., Mis	1951 2682	430	11.7	950.1	39	0	0	27						Sil	4900
	McClosky, Mis	1967 2763	330			6	0	0	37		L	3	MC			
	St. Louis, Mis	1951 2946	# 40			25 5	0 0	0			L L	6 6	MC			
	Salem, Mis	1967 3080	100			9	0	0	37		L	11	MC			
ABD 1952, REV 1955, ABD 1959, REV 1965																
*Exchange W, Marion, 1N, 3E																
	Ohara, Mis	1957 2540	320	5.8	306.7	26	0	0	8						Mis	3309
	Spar Mt., Mis	1966 2570	230			1	0	0			L	7				
	McClosky, Mis	1966 2650	#			10	0	0	37		S	6				
	St. Louis, Mis	1957 2720	160			11	0	0	38		L	11				
	Salem, Mis	1983 2860	30			9	0	0			L	4				
*Fairman, Marion, Clinton, 3N, 1E, 1W																
	Benoist, Mis	1939 1435	610	7.4	2175.5	62	0	0	19						Ord	4100
	Trenton, Ord	1957 3950	480 300			44 19	0 0	0	40	0.27	S	10	A			
ABD 1957																

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone
Fancher, Shelby, 10N, 4E															
	Benoist, Mis	1749 1962	10	0.0	0.0	1	0	0	0	34	S	3	Mis	1889	
			ABD 1962												
Fayetteville, St Clair, 2S, 6W															
	Cypress, Mis	540 1984	10	0.0	0.0	1	0	1	0		S	8	Mis	605	
			ABD 1986												
Fehrer Lake, Gallatin, 9S, 10E															
	Aux Vases, Mis	2672 1963	10	0.0	4.7	1	0	0	0	36	L	8	Mis	2862	
			ABD 1966												
Ferrin, Clinton, 2N, 1W															
	Devonian	2840 1976	10	0.0	0.0	1	0	0	0				Ord	3956	
	Trenton, Ord	3930 1976	10			1	0	0			L	7			
			ABD 1980									18			
Ficklin, Douglas, 16N, 8E															
	Spar Mt., Mis	1470 1969	70	0.0	38.8	5	0	0	5		S	8	Cam	5301	
Fitzgerrell, Jefferson, 4S, 1E															
	Benoist, Mis	2760 1944	10	0.0	16.0	1	0	0	0				Mis	3012	
	Aux Vases, Mis	2800	10			1	0	0		37	S	5			
			ABD 1952							37					
*Flora S, Clay, 2N, 6E															
	Spar Mt., Mis	2962 1946	320	41.8	431.2	21	1	0	16		S	8	Dev	4900	
	McClosky, Mis	2985 1946	270			6	1	0		39	L	4	AC		
	St. Louis, Mis	3300 1983	#			9	0	0			L	4			
	Salem, Mis	3493 1982	70			5	0	0			L	4			
	Ullin, Mis	3698 1982	60			5	0	0			L	7			
			10			1	0	0			L	9			
			ABD 1961, REV 1982												
Flora Se, Clay, 2N, 6E															
	McClosky, Mis	3073 1972	100	3.0	77.2	8	0	0	7		L	5	Dev	5030	
Forsyth, Macon, 17N, 2E															
	Silurian	2118 1963	1200	31.4	409.4	84	1	0	74	38	L	14	Ord	2890	
Francis Mills, Saline, 7S, 7E															
	Tar Springs, Mis	2258 1952	30	3.2	104.6	3	1	0	3				Mis	3238	
	Cypress, Mis	2675 1952	10			1	1	0		36	S	2			
			20			2	0	0			S	5			
Francis Mills S, Saline, 7S 7E															
	Ohara, Mis	3010 1955	20	0.0	5.6	2	0	0	0				Mis	3180	
	Spar Mt., Mis	3042 1962	20			2	0	0		37	L	11			
			#			1	0	0			L	6			
			ABD 1957, REV AND ABD 1962												
Freeburg +, St. Clair, 1-2S, 7W (Now Freeburg Gas Storage Project)															
	Cypress, Mis	380 1955	20	0.0	0.0	2	0	0	0	30	S	30	C	Ord	2008
			NOW FREEBURG GAS STORAGE PROJECT												
Freemanspur, Williamson, 8S, 2E															
	Aux Vases, Mis	2500 1968	60	0.0	4.0	3	0	0	0		S	13	Mis	2779	
			ABD 1971, REV 1975, ABD 1979												
Friendsville Cen, Wabash, 1N, 13W															
	Bethel, Mis	2330 1946	230	0.6	178.2	17	0	0	6	35	S	15	MC	Mis	3400
	Aux Vases, Mis	2585 1980	50			5	0	0			S	5			
	Ohara, Mis	2597 1972	10			1	0	0			S	8			
	Spar Mt., Mis	2629 1972	180			8	0	0			L	8			
	McClosky, Mis	2656 1980	#			3	0	0			S	4			
			#			1	0	0			OL	3			
			ABD 1956, REV 1972												
*Friendsville M, Wabash, 1N, 12-13W															
	Biehl, Penn	1620 1946	340	2.9	298.9	33	1	1	13				MC	Mis	3221
	Bethel, Mis	2308 1959	220			21	0	0		34	S	12	MC		
			20			2	0	0		35	S	11	M		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock	Pay zone Thickness	Pay zone Structure	Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned in 1986	Producing end of year	GR. API				Sulfur percent	Zone	Depth (ft)
*Friendsville N, Wabash, 1N, 12-13W (Continued from previous page)																
	Ohara, Mis	2485	1984	100			6	0	0							
	Spar Mt., Mis	2555	1984	#			1	0	1							
	McClosky, Mis	2500	1984	#			3	1	0							
Frogtown, Clinton, 2N, 3-4W																
	Cypress, Mis	950	1918	90	0.0	x	14	0	0	0	32	S	ML	Trn	3290	
							ABD 1933, REV 1949, ABD 1956									
*Frogtown N, Clinton, 2-3N, 3-4W																
		1951		440	8.6	2189.0	37	0	0	21						
	St. Louis, Mis	1200	1951	60			5	0	0	35						
	Devonian	2210	1951	410			11	0	0	35						
	Silurian	2240	1951	x			32	0	0							
Galatia N, Saline, 7S, 5E																
	Aux Vases, Mis	3216	1980	60	4.5	61.5	4	0	0	4						
	Spar Mt., Mis	3391	1980	50			3	0	0							
				10			1	0	0							
**Gards Point C, Wabash, 1N, 14W																
	Ohara, Mis	2870	1951	1340	32.7	1338.6	79	0	0	57	40					
	Spar Mt., Mis	2880	1981	1000			56	0	0							
	McClosky, Mis	2905	1976	#			1	0	0							
	Salem, Mis	3375	1980	390			25	0	0							
	Ullin, Mis	3698	1975	10			1	0	0							
Gays, Moultrie, 12N, 6E																
	Aux Vases, Mis	1970	1946	100	4.4	127.0	8	0	1	2						
	Carper, Mis	2963	1963	80			5	0	0	36						
	Devonian	3205	1955	20			2	0	1	37						
				30			2	0	0	38						
							ABD 1950, REV 1955									
*Germantown E, Clinton, 1-2N, 4W																
	Silurian	2350	1956	520	10.2	2077.7	35	0	0	30	40	L	30	R	Trn	3310
*Gila, Jasper, 7-8N, 9E																
	McClosky, Mis	2850	1957	510	0.0	1052.9	35	0	0	2	39	OL	3	MC	SiI	4500
Gillespie-Wyen, Macoupin, 8N, 6W																
	Pennsylvanian	650	1915	90	1.6	x	25	0	0	4	28	S		T	Ord	2560
Glenarm, Sangamon, 14N, 5W																
	Silurian	1680	1955	130	0.0	61.1	9	0	0	1	40	L	9	MU	SiI	1821
							ABD 1957, REV 1959, ABD 1960, REV 1961									
*Goldengate C, Wayne, White, Edwards, 2-4S, 9-10E																
	Cypress, Mis	2942	1939	9240	256.5	19757.8	692	22	2	326						
	Bethel, Mis	3110	1951	100			5	0	0	36						
	Aux Vases, Mis	3180	1944	390			24	1	0	37						
	Ohara, Mis	3250	1943	4100			232	8	0	40	0.14					
	Spar Mt., Mis	3275		6020			82	2	0	39						
	McClosky, Mis	3310	1939	#			116	2	0	38						
	St. Louis, Mis	3430	1952	90			230	8	2	36	0.19					
	Salem, Mis	4130	1975	480			7	0	0	40						
	Ullin, Mis	4125	1961	480			34	1	0							
	Dutch Creek, Dev	5346	1961	360			31	3	0	39						
							17	0	0	39						
Goldengate E, Wayne, 3S, 9E																
	Ohara, Mis	3290	1951	80	4.8	51.0	6	0	0	4						
	Spar Mt., Mis	3340	1976	80			2	0	0	37						
	McClosky, Mis	3360	1984	#			1	0	0							
							3	0	0							
							ABD 1957, REV 1968									
*Goldengate N C, Wayne, 1-2S, 8-9E																
	Bethel, Mis	3095	1945	1660	67.7	1241.1	124	8	0	101						
	Renault, Mis	3220	1952	10			2	0	0	38						
	Aux Vases, Mis	3235	1948	10			1	0	0							
				710			59	3	0	39						

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock	Thick-ness	Struc-ture	Deepest test Zone	Depth (ft)	
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-port-ed in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR. API						Sul-fur per-cent
<i>*Goldengate N C, Wayne, 1-2S, 8-9E</i>																
(Continued from previous page)																
	Ohara, Mis	3300 1945	1170			20	0	0		37	L	4	MC			
	Spar Mt., Mis	3325 1945	#			34	1	0		37	L	5	MC			
	McClosky, Mis	3350	#			43	4	0		39	L	6	MC			
	Salem, Mis	4010 1983	50			4	2	0			L	8				
	Ullin, Mis	4315 1984	40			3	1	0			L	7				
<i>Grandview +, Edgar, 12-13N, 13W</i>																
	Pennsylvanian	560 1945	100	0.3	10.3	10	0	0	8	30	S	10	M	Ord	2694	
<i>Grantfork, Madison, 5N, 5W</i>																
	Devonian	2000 1984	10	0.3	2.2	1	0	0	1		L	6		Sil	2400	
<i>Grayson, Saline, 8S, 7E</i>																
	Tar Springs, Mis	2200 1957	90	1.3	35.6	8	0	0	4		S	14		Mis	3051	
	Cypress, Mis	2515 1957	10			1	0	0			S	6				
	Aux Vases, Mis	2913 1961	30			2	0	0	37		S	6				
	Spar Mt., Mis	2913 1981	10			1	0	0	38		L	4				
	McClosky, Mis	2920 1957	50			1	0	0			S	4				
			#			3	0	0	37		L	6				
			ABD 1972, REV 1981													
<i>Greenville Gas +, Bond, 5N, 3W</i>																
	Lingle, Dev	2240 1957	10	0.0	0.0	1	0	0	0	38	L	5	A	Trn	3184	
			ABD 1958													
<i>Griggsville, Pike, 4S, 3W</i>																
	Silurian	400 1983	10	0.0	0.0	1	0	1	0		L	6		Ord	820	
			ABD 1986													
<i>Hadley, Richland, 4N, 14W</i>																
	Spar Mt., Mis	2970 1976	250	3.4	24.6	15	0	4	4		S	10		Mis	4415	
	McClosky, Mis	3253 1985	240			14	0	4			L	3				
			10			1	0	0								
<i>*Half Moon, Wayne, 1S, 9E</i>																
	Aux Vases, Mis	3190 1947	1270	1.7	3306.4	69	0	0	17		S	18	M	Dev	5369	
	Ohara, Mis	3280 1951	20			1	0	0	38		L	11	ML			
	Spar Mt., Mis	3280 1947	1240			39	0	0	40		S	11	MC			
	McClosky, Mis	3300 1947	#			11	0	0			L	4	MC			
	Salem, Mis	3985 1977	20			22	0	0	37		L	10	MC			
						2	0	0			L	6				
<i>Half Moon E, Edwards, 1S, 10E</i>																
	McClosky, Mis	3375 1982	10	0.0	0.0	1	0	0	1		L	4		Mis	3465	
<i>*Harco +, Saline, 8S, 5E</i>																
	Waltersburg, Mis	2183 1954	1460	175.8	2324.2	124	10	0	64		S	6		Knox	8729	
	Tar Springs, Mis	2290 1985	130			11	8	0			S	8				
	Hardinsburg, Mis	2330 1956	240			22	5	0			S	6				
	Cypress, Mis	2618 1959	30			1	0	0	36		S	8				
	Sample, Mis	2675 1954	60			5	1	0	38		S	8				
	Aux Vases, Mis	2860 1954	30			4	0	0	39		S	8				
	Ohara, Mis	2965 1956	1000			76	0	0	41		S	15				
	Spar Mt., Mis	2970 1956	240			7	0	0			L	10				
	McClosky, Mis	3174 1986	#			9	1	0	39		LS	10				
			10			1	1	0			L	23				
<i>*Harco E +, Saline, 8S, 5E</i>																
	Cypress, Mis	2575 1955	330	1.6	389.5	30	0	0	7		S	20		Mis	3900	
	Aux Vases, Mis	2865 1956	120			12	0	0		38	S	8				
	Ohara, Mis	2880 1955	220			13	0	0	38		S	14				
			40			4	0	0	39		L	14				
<i>*Harrisburg +, Saline, 8S, 6E</i>																
	Waltersburg, Mis	2020 1952	100	1.3	294.6	10	0	0	2		S	14		Mis	2967	
	Tar Springs, Mis	2115 1952	90			9	0	0	38		S	6				
			10			1	0	0	37		S	6				
			ABD 1971, REV 1981													
<i>Harrisburg S, Saline, 9S, 6E</i>																
	Cypress, Mis	2300 1955	10	0.0	0.0	1	0	0	0	37	S	9		Mis	2352	
			ABD 1956													

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test Depth (ft)	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR API	Sulfur percent	Kind of rock	Thickness		Structure
Harrisburg W, Saline, 9S, 6E	Tar Springs, Mis	1944	1974	30	0.0	7.3	3	0	0	1		S	18	Mis	2903	
Harristown, Macon, 16N, 1E	Silurian	2050	1954	1550	28.7	781.0	94	3	2	77	39	L	3	MU	Si1	2200
Harristown S, Macon, 16N, 1E	Silurian	2140	1975	120	1.1	138.3	9	1	0	5		L	20	MU	Si1	2219
Hayes, Douglas, Champaign, 16N, 8E	Trenton, Ord	893	1963	480	0.0	154.7	43	0	0	5	31	L	90		Cam	3430
Helena, Lawrence, 2N, 13W	Ohara, Mis	2914	1969	90	0.7	5.8	8	0	0	4		L	4	C	Mis	3609
	Spar Mtn, Mis	2902	1985	10			1	0	0			L	18	C		
	McClosky, Mis	2899	1984	30			3	0	0			L	3	C		
	St. Louis, Mis	2878	1985	10			1	0	0			L	5	C		
	Salem, Mis	2822	1985	10			1	0	0			L	5	C		
			1984	40			4	0	0			L	5	C		
						ABD 1973, REV 1984										
*Herald C +, White, Gallatin, 6-8S, 9-10E	Pennsylvanian	1060	1940	8570	441.7	19950.3	733	29	2	369		S	10	A	Dev	5285
	Pennsylvanian	1500	1940	420			1	0	0			S	15	AL		
	Pennsylvanian	1750		#			23	0	0			S	18	AL		
	Pennsylvanian	1881	1985	#			6	1	0			S	4	AL		
	Pennsylvanian	1927	1985	#			1	0	0			S	10	AL		
	Degonia, Mis	1920	1947	80			1	0	0			S	12	AL		
	Clore, Mis	1965		60			3	0	0			S	10	AL		
	Palestine, Mis	1940		20			2	0	0			S	20	AL		
	Waltersburg, Mis	2240	1947	530			4	0	0			S	10	A		
	Tar Springs, Mis	2260	1944	940			74	8	0			S	13	A		
	Cypress, Mis	2660	1947	2860			227	8	0			S	14	A		
	Bethel, Mis	2790		240			25	1	0			S	11	AL		
	Aux Vases, Mis	2920	1943	3540			271	2	1			S	6	AL		
	Ohara, Mis	2865		850			18	4	0			S	6	AC		
	Spar Mt., Mis	3005		#			19	1	0			L	4	AC		
	McClosky, Mis	3010	1945	#			37	3	0			L	10	AC		
	St. Louis, Mis	3234	1981	600			32	0	1			L	7			
	Salem, Mis	3870	1976	20			2	0	0			L	5			
	Ullin, Mis	3960	1977	320			25	10	0			L	12			
Herrick S, Fayette, 8N, 2E	Devonian	3152	1982	60	0.0	0.0	4	0	0	3		L	14		Dev	3200
Herrin, Williamson, 8S, 2E	Cypress, Mis	2221	1965	10	0.0	2.0	1	0	0	0	38	S	9		Mis	2682
				ABD 1972												
Hersman, Brown, 1S, 3W	Silurian	650	1983	10	0.0	0.0	1	0	0	1					Ord	1170
*Hickory Hill, Marion, 1N, 4E	Cypress, Mis	2478	1964	90	0.1	25.7	8	0	0	1		S	10		Dev	4750
	Benoist, Mis	2645	1964	10			1	0	0			S	7			
	Aux Vases, Mis	2770	1985	20			2	0	0			S	4			
	Spar Mt., Mis	2833	1964	30			3	0	0			S	6			
	Salem, Mis	3220	1982	10			1	0	0			L	15			
						ABD 1972, REV 1978, ABD 1981, REV 1985										
Hidalgo, Jasper, 8N, 10E	McClosky, Mis	2575	1940	260	0.9	73.5	21	0	0	12		L	4	MC	Dev	4332
	St. Louis, Mis	2641	1980	250			20	0	0			L	4			
				10			1	0	0							
				ABD 1952, REV 1965												
Hidalgo E, Jasper, 8N, 10E	Aux Vases, Mis	2264	1966	740	3.4	265.5	50	0	0	44		S	4		Mis	3048
	Spar Mt., Mis	2342	1979	40			3	0	0			S	4			
	McClosky, Mis	2467	1966	700			1	0	0			S	4			
				#			48	0	0			D	6			

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR, API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Hidalgo N, Cumberland, 9N, 9E																	
	Spar Mt., Mis	1946	300	2.2	97.2	21	4	1	14						Mis	3252	
	McClosky, Mis	1946	300			11	0	0	37		S						
		1959	#			13	4	1	37		OL	12	9				
Hidalgo S, Jasper, 8N, 10E																	
	Aux Vases, Mis	1964	2970	56.9	858.2	181	8	3	148						Dev	4231	
	Spar Mt., Mis	1981	10			1	0	0			S		6				
	McClosky, Mis	1981	2970			21	0	0	37		S		34				
	St. Louis, Mis	1964	#			162	8	3			D		4				
		1986	10			1	1	0			L		3				
			ABD 1973, REV 1978														
Highland, Madison, 4N, 5W																	
	Hardin, Dev	1960	10	0.0	0.0	1	0	0	0	37	S		7	U	Dev	1983	
			ABD 1962														
Hill, Effingham, 6N, 6E																	
	Aux Vases, Mis	1943	90	1.9	69.5	8	0	0	4						Mis	2963	
	Spar Mt., Mis	1978	20			2	0	0			S		8				
	McClosky, Mis	1977	80			2	0	0	39		S		4				
		1943	#			4	0	0			L		5	A			
			ABD 1950, REV 1970, ABD 1972, REV 1977														
*Hill E, Effingham, 6N, 6E																	
	Cypress, Mis	1954	500	2.1	1317.9	39	0	0	3						Dev	4500	
	Aux Vases, Mis	1955	290			26	0	0	37		S		8				
	Spar Mt., Mis	1957	10			1	0	0	37		S		10				
	McClosky, Mis	1954	260			2	0	0	40		L		5				
	St. Louis, Mis	1954	#			10	0	0			L		7				
		1966	10			1	0	0			D		14				
Hillsboro, Montgomery, 9N, 3W																	
	Lingle, Dev	1962	30	0.0	0.2	3	0	0	0	36	S		4		Dev	2153	
			ABD 1967														
Hoffman, Clinton, 1N, 2W																	
	Cypress, Mis	1939	360	7.6	896.4	54	0	0	31						Dev	2914	
	Benoist, Mis	1939	190			16	0	0	36		S		11	A			
			240			39	0	0	33	0.21	S		7	A			
Holliday, Fayette, 9N, 3E																	
	Devonian	1977	10	0.0	0.0	1	0	0	0		S		6		Dev	3237	
			ABD 1978														
Hoodville E, Hamilton, 5S, 7E																	
	McClosky, Mis	1944	40	0.0	0.6	2	0	0	0	37	L		3	A	Mis	4461	
			ABD 1944, REV 1979, ABD 1982														
*Hord, Clay, 5N, 6E																	
	Aux Vases, Mis	1950	330	1.8	618.2	23	2	2	4						Mis	2954	
	Ste. Gen., Mis	1959	120			9	2	1	38		S		10	M			
		1950	280			14	0	1	37		L		5	M			
Hord N, Effingham, 6N, 6E																	
	Cypress, Mis	1958	60	2.7	205.9	6	0	0	4						Mis	2938	
	Aux Vases, Mis	1958	40			3	0	0	33		S		14				
		1959	30			3	0	0	38		S		10				
*Hord S C, Clay, 5N, 6E																	
	Aux Vases, Mis	1942	410	3.8	1825.5	30	0	0	3						Mis	3460	
	Ste. Gen., Mis	1955	70			4	0	0	37		S		8	A			
		1942	390			27	0	0	36		L		7	AC			
			ABD 1945, REV 1951														
Hornsby Nw, Macoupin, 9N, 6W																	
	Pennsylvanian	1980	20	0.0	0.0	2	0	0	2		S		30		Pen	666	
Hornsby S, Macoupin, 8N, 6W																	
	Pennsylvanian	1956	60	0.0	0.0	5	1	1	0	28	S		1		Pen	715	
			ABD 1957, REV 1959, ABD 1960, REV & ABD 1986														

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone
Hoyleton W, Washington, 1S, 2W															
	Clear Creek, Dev	2895 1955	10	0.0	3.7	1	0	0	0	39	D	12	U	Si1	2965
			ABD 1964												
Huey, Clinton, 2N, 2W															
	Benoist, Mis	1260 1945	120	0.0	7.7	10	0	0	3	34	S	6	AL	Dev	2851
			ABD 1974, REV 1982												
Huey S, Clinton, 1-2N, 2-3W															
	Cypress, Mis	1080 1953	310	2.3	297.0	23	0	0	11		S			Si1	2675
	Silurian	2585 1956	190			17	0	0	34		L	5			
			110			6	0	0	40		L	10			
Hunt City, Jasper, 7N, 10E															
	Spar Mt., Mis	1945	60	1.4	10.6	6	1	1	4		S			Mis	3020
	McClosky, Mis	2540 1945	60			2	0	1	37		OL	10	ML		
		2525 1980	#			4	1	0				33			
			ABD 1950, REV 1980												
Hunt City E, Jasper, 7N, 14W															
	Aux Vases, Mis	1952	850	171.1	602.4	62	22	1	53		S			Si1	3660
	Ohara, Mis	1634 1986	10			1	1	0			L	5			
	Spar Mt., Mis	1840 1984	120			8	1	0			L	3			
	Fredonia, Mis	1958 1985	40			7	3	0			L	8			
	St. Louis, Mis	2000 1952	650			46	17	1	40		L	6			
		2187 1966	10			1	0	0	39		D	20			
			ABD 1954, REV 1965												
Hunt City S, Jasper, 7N, 14W															
	Spar Mt., Mis	1966	110	0.2	25.6	7	0	0	3		S			Dev	4024
	McClosky, Mis	2392 1980	30			1	0	0	38		L	6			
		2341 1966	#			6	0	0				4			
Hutton, Coles, 11N, 10E															
	Pennsylvanian	530 1939	20	0.0	1.9	2	0	0	0	30	S	15		Ord	3437
			ABD 1946												
Illioipolis, Sangamon, 16N, 2W															
	Silurian	1765 1977	60	0.8	17.0	2	0	0	2		L	3		Si1	1823
*Ina, Jefferson, 4S, 2-3E															
	Renault, Mis	1938	430	0.0	749.4	28	0	0	0		S			Dev	4630
	Aux Vases, Mis	2725 1954	150			7	0	0	36		S	14	A		
	Spar Mt., Mis	2682 1958	30			3	0	0	36		S	26	A		
	McClosky, Mis	2775 1957	110			3	0	0			S	10	A		
	St. Louis, Mis	2775	#			4	0	0	35		L	10	A		
	Salem, Mis	3000 1938	90			8	0	0	37	0.20	L	4	AC		
		3210 1957	40			4	0	0	37		L	9	A		
			ABD 1946, REV 1954, ABD 1977												
Ina N, Jefferson, 4S, 3E															
	McClosky, Mis	2940 1949	10	0.0	0.7	1	0	0	0	35	L	4		Mis	3689
			ABD 1950												
Inclose +, Edgar, Clark, 12N, 13-14W															
	Isabel, Penn	345 1941	110	0.3	3.5	15	0	0	4	30	S		AL	Dev	1604
*Ingraham C, Clay, 4N, 8E															
	Tar Springs, Mis	1942	2360	59.0	4999.2	172	1	1	67		S			Dev	4844
	Aux Vases, Mis	2332 1969	10			1	0	0			S	8	M		
	Ohara, Mis	2920	360			29	1	1	38		S	10	ML		
	Spar Mt., Mis	3015 1982	2130			2	0	0			L	5			
	McClosky, Mis	3000	#			61	0	0	37	0.21	L	7	MC		
	Salem, Mis	3075 1942	#			85	0	0	37	0.21	L	8	MC		
		3500 1981	50			5	0	0			L	6			
			ABD 42, REV 43, ABD 44, REV 50, ABD 68, REV 69												
*Inman E C, Gallatin, 7-8S, 10E															
	Pennsylvanian	1940	5080	77.7	22840.5	487	17	8	175		S			Dev	5100
	Degonia, Mis	780	110			7	1	0	38		S	10	AF		
	Clore, Mis	1450	#			3	0	0			S	4	AF		
	Palatine, Mis	1690	90			4	0	0	37		S	10	AF		
	Waltersburg, Mis	1725 1942	50			6	0	0	36		S	8	AF		
	Tar Springs, Mis	1840 1942	90			4	0	0	35		S	13	AF		
		1980 1942	1280			95	7	8	37		S	18	AF		
		2080 1940	1880			162	2	0	37	0.24	S	13	AF		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test Zone	Depth (ft)
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned in 1986	Producing end of year	GR. API	Sulfur percent			
*Inman E C, Gallatin, 7-8S, 10E (Continued from previous page)														
Hardinsburg, Mis	2135	1943	310			20	2	0		34	S	10	AF	
Cypress, Mis	2390		2470			171	4	0		37	S	14	AF	
Renault, Mis	2675	1967	20			2	0	0		36	S	5	AF	
Aux Vases, Mis	2715		910			59	0	0		37	S	8	AF	
Ohara, Mis	2795	1947	190			3	0	0			L	5	AF	
Spar Mt., Mis	2790		#			2	0	0			L	7	AF	
McClosky, Mis	2800		#			9	0	0		39	L	8	AF	
St. Louis, Mis	2960	1957	40			6	0	0		38	L	10	AF	
*Inman W C, Gallatin, 7-8S, 9-10E														
Pennsylvanian	925	1940	4230	106.4	9927.0	383	6	3	195		S	8	T AL	Mis 4154
Pennsylvanian	1630		220			8	1	0			S	5	AL	
Biehl, Penn	1750		#			5	0	0		35	S	12	AL	
Palestine, Mis	1765	1947	40			4	0	0		35	S	13	AL	
Waltersburg, Mis	2080		140			9	1	0		37	S	10	TL	
Tar Springs, Mis	2140	1943	1360			95	1	0		36	S	8	TL	
Hardinsburg, Mis	2300	1947	310			23	1	0		32	S	10	TL	
Cypress, Mis	2475	1942	2420			184	0	0		37	S	10	T	
Sample, Mis	2610		50			1	0	0		36	S	30	T	
Renault, Mis	2775	1949	40			4	0	1		37	S	7	T	
Aux Vases, Mis	2790	1949	1070			84	2	2		37	S	15	T	
Ohara, Mis	2815		310			8	0	0			L	12	TC	
Spar Mt., Mis	2815	1940	#			5	0	0		38	L	8	TC	
McClosky, Mis	2940	1941	#			19	0	0		36	L	6	TC	
St. Louis, Mis	3180	1967	10			1	0	0		39	L	6	TC	
Iola Cen, Clay, 4-5N, 5E														
Cypress, Mis	2277	1954	280	3.6	119.8	23	0	0	13		S	15		Dev 4400
Benoist, Mis	2420	1972	150			12	0	0			S	5		
Spar Mt., Mis	2560	1954	60			6	0	0	36		S	5		
		1983	60			4	0	0			S	5		
					ABD 1957, REV 1965									
*Iola C, Clay, Effingham, 5-6N, 5-6E														
Tar Springs, Mis	1890	1939	3760	88.3	17351.7	339	1	4	230	35	S	9	A AL	Ord 6000
Cypress, Mis	2125	1943	20			1	0	0		35	S	15	AL	
Bethel, Mis	2255	1942	780			52	0	1		35	S	10	AL	
Benoist, Mis	2290		60			5	0	0		36	S	12	AL	
Renault, Mis	2320		1360			96	0	0		36	S	12	AC	
Aux Vases, Mis	2320		10			1	0	0			S	12	AC	
Ohara, Mis	2325	1939	2440			198	0	1		36	S	10	A	
Spar Mt., Mis	2410	1963	1740			2	0	0		36	S	6	A	
McClosky, Mis	2430		#			74	1	1		37	LS	7	A	
St. Louis, Mis	2425	1940	#			69	0	1		38	OL	10	A	
Salem, Mis	2880	1984	10			1	0	0			L	6		
	2920	1984	20			2	1	0			L	5		
Iola S, Clay, 4N, 5E														
Benoist, Mis	2490	1947	440	1.0	570.6	34	0	0	10	36	S	10	A AL	5075
Spar Mt., Mis	2590	1948	180			12	0	0			S	6	AC	
McClosky, Mis	2650		290			11	0	0		37	L	3	AC	
Carper, Mis	3900	1947	#			10	0	0		38	S	7		
Devonian	4238	1967	10			1	0	0			S	8		
		1980	30			2	0	0			S	8		
Iola W, Clay, 5N, 5E														
McClosky, Mis	2495	1945	10	0.0	0.5	1	0	0	0	37	L	11	MC	Mis 2613
					ABD 1945									
*Irvington, Washington, 1S, 1W														
Beech Creek, Mis	1525	1940	1430	67.7	10078.3	146	1	0	96	38	L	3	A AC	Ord 4440
Cypress, Mis	1380	1951	10			1	0	0		36	S	12	A	
Benoist, Mis	1535	1943	440			38	1	0		37	S	12	A	
Clear Creek, Dev	3090	1940	1040			86	1	0		37	D	12	AU	
Trenton, Ord	4275		370			24	0	0		39	L	12	AU	
		1956	110			6	0	0		39	L	90	A	
*Irvington E, Jefferson, 1S, 1E														
Pennsylvanian	1030	1951	340	12.3	1213.4	27	0	0	25	32	S	15		Mis 2222
Cypress, Mis	1750	1951	40			5	0	0		37	S	15		
Benoist, Mis	1950	1955	120			7	0	0		37	S			
		1955	200			18	0	0			S			
Irvington N, Washington, 1N, 1S, 1W														
Cypress, Mis	1340	1953	310	14.7	1526.5	28	0	0	25	37	S	16	A AL	Ord 4334
			60			5	0	0			S			

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test Zone	Depth (ft)
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of 1986	GR. API	Sulfur percent			
Irvington N, Washington, 1N, 1S, 1W (Continued from previous page)														
	Benoist, Mis	1470 1953	250			22	0	0		39	S	6	AL	
Irvington W, Washington, 1S, 1W														
	Cypress, Mis	1460 1963	50	1.3	19.2	3	0	0		1 36	S	20		Mis 1909
*Iuka, Marion, 2N, 4E														
	Aux Vases, Mis	2528 1947	1370	65.6	1598.8	97	6	1		65	S		M	Dev 4590
	Ohara, Mis	2650 1960	40			3	0	0		37	L	11	M	
	Spar Mt., Mis	2660	770			7	0	0			L	5	MC	
	McClosky, Mis	2750 1947	#			8	0	0			L	15	MC	
	St. Louis, Mis	2775 1952	#			41	3	0		39	L	10	MC	
	Salem, Mis	2999 1979	300			17	1	0		37	L	5	MC	
			480			33	2	1			L	7		
Iuka S, Marion, 2N, 4E														
	Paint Creek, Mis	2488 1971	570	86.0	685.3	43	13	0		36	S			Dev 4504
	Ohara, Mis	2705 1985	10			1	1	0			L	4		
	Spar Mt., Mis	2730 1983	490			3	0	0			L	5		
	McClosky, Mis	2680 1983	#			2	0	0			S	4		
	St. Louis, Mis	2881 1971	#			32	10	0			L	5		
	Salem, Mis	3237 1982	100			8	3	0			L	6		
			30			3	0	0			L	11		
Iuka W, Marion, 2N, 3-4E														
	McClosky, Mis	2700 1955	60	0.3	69.7	5	0	0		2 37	L	5		Mis 3352
Jacksonville Gas +, Morgan, 15N, 9W														
	Pennsylvanian	330 1910	100	1.0	3.0	16	4	0		5	LS	5	ML	Ord 1390
	McClosky, Mis	272 1910	100			11	1	0		37	L	29		
	St. Louis, Mis	304 1972	10			1	0	0			L	10		
	Salem, Mis	294 1985	30			3	3	0			L	19		
			20			2	0	0			L			
						ABD 1937,REV 1967,ABD 1969,REV 1972								
*Johnson N, Clark, 9-10N, 14W														
	Kickapoo, Penn	315 1907	2510	x	x	669	3	0		301	S		AM	Ord 4519
	Casey, Penn	465	2400			34	0	0			S	x	AM	
	Partlow, Penn	535	#			213	2	0		32	S	x	AM	
	Claypool, Penn	415	#			51	0	0			S	x	AM	
	Benoist, Mis	470 1984	60			305	0	0			S	x	AM	
	Aux Vases, Mis	520 1984	70			5	0	0			S	10		
	McClosky, Mis	556	80			5	1	0			S	6		
	Carper, Mis	1325	300			0	0	0		35	OL	6	AM	
	Devonian	1720 1973	10			12	0	0		37	S	x	AM	
	Trenton, Ord	2900 1977	180			4	0	0			L	45		
						4	0	0			L	60		
						SEE CLARK COUNTY DIV. FOR PRODUCTION								
*Johnson S, Clark, 9N, 14W														
	Claypool, Penn	390 1907	2080	x	x	714	0	0		209	S	60	AM	Dev 2460
	Casey, Penn	450	2060			40	0	0			S	x	AM	
	Partlow, Penn	490	#			61	0	0		30	S	x	AM	
	Partlow, Penn	600	#			435	0	0		31	S	48	AM	
	Aux Vases, Mis	717 1961	40			230	0	0		29	S	48	AM	
	Carper, Mis	1740 1971	20			1	0	0		35	S	21	A	
	Devonian	1920 1975	20			1	0	0			S	22		
						1	0	0			L	x		
						SEE CLARK COUNTY DIV. FOR PRODUCTION								
*Johnsonville C, Wayne, 1N, 1S, 6-7E														
	Bethel, Mis	2950 1940	9600	124.2	55247.7	533	1	0		215	S	12	A	Trn 6460
	Aux Vases, Mis	3020	30			3	0	0		36	S	20	AL	
	Ohara, Mis	3120 1943	8390			182	1	0		38	0.14	10	AL	
	Spar Mt., Mis	3150	#			36	0	0		38	OL	10	AC	
	McClosky, Mis	3170 1940	#			14	0	0		38	OL	8	AC	
	St. Louis, Mis	3256 1961	140			455	0	0		38	0.17	15	AC	
	Salem, Mis	3852 1960	350			13	0	0		38	OL	14	A	
	Ullin, Mis	3933 1980	20			21	0	0		39	L	5	AC	
						2	0	0			L			
Johnsonville N, Wayne, 1N, 6E														
	Ohara, Mis	3190 1943	190	0.0	97.8	11	0	0		0			A	Dev 5150
	Spar Mt., Mis	3220	190			1	0	0		38	0.17	3	AC	
	McClosky, Mis	3250 1943	#			10	0	0		38	OL	8	AC	
						1	0	0			L	3	AC	
						ABD 1966,REV 68,ABD 69,REV 80,ABD 84								

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind of rock	Thick-ness	Str-uct-ure	Deepest test		
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned end of 1986	Pro-duc-ing end of 1986	GR. API				Sul-fur per-cent	Zone	Depth (ft)
*Keenville, Wayne, 1S, 5E																
(Continued from previous page)																
	Aux Vases, Mis	2960	1945	430			32	0	0		37		S	20	AL	
	Ohara, Mis	3050	1946	660			5	0	0				L	8	AC	
	Spar Mt., Mis	3060		#			15	0	0				L	10	AC	
	McClosky, Mis	3100		#			31	0	0		37		L	7	AC	
	St. Louis, Mis	3238	1982	10			1	0	0				L	7		
	Salem, Mis	3620	1977	880			53	0	0		37		L	8		
	Devonian	5005	1982	10			1	0	0		37		L	8		
Keenville E, Wayne, 1S, 5E																
	Spar Mt., Mis	3075	1951	170	5.8	147.1	13	2	0	8			L	4		Mis 3982
	McClosky, Mis	3120	1951	90			1	0	0				L	10		
	St. Louis, Mis	3190	1967	20			6	0	0	37			L	10		
	Salem, Mis	3709	1977	90			3	1	0	39			L	10		
							9	2	0				L	10		
Kell, Jefferson, 1S, 3E																
	McClosky, Mis	2625	1942	50	0.0	14.2	5	0	0	0	37	0.26	L	6	A	Mis 3000
ABD 1944, REV 1958, ABD 1962																
Kell E, Jefferson, Marion, 1N-1S, 3E																
	McClosky, Mis	2640	1979	220	8.4	195.0	18	0	0	15			L	2		Mis 3511
	St. Louis, Mis	2841	1981	10			1	0	0				L	8		
	Salem, Mis	3072	1979	170			15	0	0				L	8		
			1980	50			5	0	0				L	8		
Kell N, Marion, 1N, 3E																
	Spar Mt., Mis	2420	1976	90	0.0	17.1	8	0	0	8			S	3		Mis 3118
	St. Louis, Mis	2695	1982	10			1	0	0				L	4		
	Salem, Mis	2770	1976	20			2	0	0				L	4		
			1976	80			7	0	0				L	4		
Kell W, Marion, 1N, 2E																
	McClosky, Mis	2354	1962	10	0.0	0.8	1	0	0	0	38		OL	6		Mis 2475
ABD 1964																
Kellerville, Adams, Brown, 1-2S, 5W																
	Silurian	637	1959	870	1.5	305.6	79	2	2	34	37		D	7	TC	Stp 1075
*Kenner, Clay, 3N, 5-6E																
	Tar Springs, Mis	2200	1942	1310	18.9	2613.1	113	1	0	27			S	7	A	Sil 4970
	Benoist, Mis	2690	1945	10			1	0	0		37	0.22	S	10	AL	
	Renault, Mis	2761	1942	710			57	0	0		37		S	9	A	
	Aux Vases, Mis	2835	1958	250			18	0	0		37		S	9	AL	
	Spar Mt., Mis	2875	1943	850			49	0	0		38		S	9	AL	
	McClosky, Mis	2930	1947	180			6	0	0		37		LS	5	AC	
	St. Louis, Mis	2978	1945	#			8	0	0		37		L	7	AC	
	Carper, Mis	4221	1946	20			2	0	0		37		L	4	A	
	Devonian	4424	1959	50			3	1	0		36		L	55	A	
*Kenner N, Clay, 3N, 6E																
	Benoist, Mis	2755	1947	390	0.0	888.6	36	0	0	1			S	8	A	Ord 6032
	McClosky, Mis	2970	1947	80			31	0	0		37		L	6	AC	
							5	0	0		37		L	6	AC	
Kenner S, Clay, 2N, 5E																
	Benoist, Mis	2730	1950	40	0.0	20.6	4	0	0	0			S	5	A	Dev 4752
	Aux Vases, Mis	2768	1967	20			2	0	0		37		S	6	A	
	McClosky, Mis	2870	1971	30			1	0	0		37		S	10	AC	
			1950	30			4	0	0		37		L	10	AC	
ABD 1952, REV 1967, ABD 1978																
*Kenner W, Clay, 3N, 5E																
	Cypress, Mis	2600	1947	410	2.5	2136.9	36	0	0	9			S	26	A	Dev 4800
	Benoist, Mis	2705	1947	350			27	0	0		37		S	9	A	
	Renault, Mis	2802	1960	10			16	0	0		37		S	10	A	
	Aux Vases, Mis	2837	1960	110			1	0	0		37		S	24	A	
	McClosky, Mis	2870	1947	20			8	0	0		38		S	4	A	
	Lingle, Dev	4490	1983	20			2	0	0		38		S	4	A	
							1	0	0		38		S	15		

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone		Deepest test			
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Keyesport, Clinton, 3N, 2W																
	Benoist, Mis	1180 1949	180	1.7	179.1	20	0	0	12	35	S	8	AL	Mis	1358	
*Kincaid C, Christian, 13-14N, 3W																
	Cedar Valley, Dev	1800 1955	2660	69.8	5976.0	152	0	0	104							
	Silurian	1874 1959	2620 50			147 5	0 0	0 0		38	DS	19	MU	Si1	2011	
*King, Jefferson, 3-4S, 3E																
	Renault, Mis	2718 1942	1440	2.2	3759.6	113	0	0	33					Ord	6015	
	Aux Vases, Mis	2725 1942	1390			105	0	0		39	S	15	A			
	Ohara, Mis	2765 1942	320			11	0	0		39 0.17	S	10	AL			
	Spar Mt., Mis	2815	#			7	0	0		40 0.16	LS	10	AC			
	McClosky, Mis	2840 1942	#			4	0	0			L	5	AC			
King N, Jefferson, 3N, 3E																
	Ohara, Mis	2875 1981	240	32.6	216.2	12	0	0	12					Mis	4050	
	McClosky, Mis	2910 1981	210			1	0	0			L	8				
	St. Louis, Mis	3070 1981	#			11	0	0			L	5				
			10			1	0	0			L	8				
Kinmundy, Marion, 4N, 2-3E																
	Benoist, Mis	1915 1950	410	24.1	194.4	29	1	5	20					Dev	3650	
	Aux Vases, Mis	2061 1985	20			3	0	0		34	S	3	A			
	St. Louis, Mis	2360 1985	10			1	0	0			S	4	A			
	Salem, Mis	2430	10			1	0	0			L	4				
	Carper, Mis	3384 1962	370			2	0	0		36	L	7	A			
			ABD 1960, REV 1962			25	1	5		37	S	17				
Kinmundy N, Marion, 4N, 3E																
	Benoist, Mis	2050 1953	100	0.0	3.0	11	7	0	9	34	S	6		Mis	2375	
			ABD 1954, REV 1951, ABD 1974, REV 1984													
Laclede, Fayette, 5N, 4E																
	Benoist, Mis	2335 1943	110	6.0	59.7	13	0	1	7	36	0.18	S	15	A	Dev 4087	
Lakewood, Shelby, 10N, 2-3E																
	Benoist, Mis	1690 1941	130	1.6	292.9	13	1	0	4					Si1	3127	
	Aux Vases, Mis	1720 1941	80 50			8 5	1 0	0 0		30 32	0.23	S	7 8	AL		
*Lancaster, Wabash, Lawrence, 1-2N, 13W																
	Tar Springs, Mis	2050 1940	2280	29.9	5484.4	172	5	2	74					Dev	4555	
	Bethel, Mis	2540 1959	10			1	0	0		31	S	3	A			
	Ohara, Mis	2670 1944	980			1	0	0		36	S	14	AL			
	Spar Mt., Mis	2649 1964	1270			6	0	0			L	10	AC			
	McClosky, Mis	2690 1940	#			10	0	0			L	6				
	Salem, Mis	3282 1982	50			65	5	0		40 0.28	L	7	AC			
						3	0	2			L	8				
Lancaster Cen, Wabash, 1N, 13W																
	Aux Vases, Mis	2770 1940	480	4.9	495.2	44	0	0	20					Mis	3994	
	Ohara, Mis	2750 1981	60			5	0	0			S	12	H			
	Spar Mt., Mis	2810 1946	340			10	0	0		37	L	7	MC			
	McClosky, Mis	2815 1947	#			11	0	0			L	7	MC			
	St. Louis, Mis	3010 1980	50			5	0	0			L	8	MC			
	Salem, Mis	3450 1981	170			13	0	0			L	6				
			ABD 1961, REV 72, ABD 76, REV 80													
*Lancaster E, Wabash, 2N, 13W																
	Bridgeport, Penn	1310 1944	110	2.4	82.6	11	0	0	6					Mis	2760	
	Buchanan, Penn	1410 1976	80			1	0	0			S	13	H			
	Biehl, Penn	1745 1944	#			1	0	0		31	S	5				
	Benoist, Mis	2409 1984	10			1	0	0			S	10	ML			
	Ohara, Mis	2661 1985	10			1	0	0			S	4				
	Spar Mt., Mis	2660 1947	10			1	0	0		39	L	4	MC			
			ABD 1975, REV 1976									6				

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone
*Lancaster S, Wabash, 1N, 13W																
			1946	330	7.5	562.7	24	0	2	10						
	Bethel, Mis	2520	1949	280			19	0	2	36	S	6	M	Mis	3620	
	Ohara, Mis	2670		80			4	0	0		L	6	ML			
	McClosky, Mis	2720	1946	#			1	0	0	39	L	12	MC	MC		
Langewisch-Kuester, Marion, 1N, 1E																
			1910	120	0.3	44.8	16	0	0	1						
	Pennsylvanian	795	1951	10			2	0	0	32	S	x	A	Dev	3509	
	Cypress, Mis	1600	1910	110			14	0	0	35	S	x	A			
Lawler, Gallatin, 9S, 8E																
			1982	80	0.1	10.8	7	1	1	5						
	Pennsylvanian	1050	1982	40			3	0	0		S	x		Mis	2485	
	Palestine, Mis	1324	1984	40			3	0	0		S	8				
	Waltersburg, Mis	1507	1984	10			1	1	1		S	20				
*Lawrence, Lawrence, Crawford, 2-5N, 11-13W																
			1906	37460	x	x	7490	53	12	3041						
	Trivoli, Penn	290		11530			19	0	0	28	S	x	A	Cam	9261	
	Pennsylvanian	950		#			23	0	0		S	15	A			
	Cuba, Penn	450		#			6	0	0		S	x	A			
	Ridgley, Penn	1300		#			x	3	0		S	x	A			
	Bridgeport, Penn	800		#			1448	11	0	36	S	40	A			
	Buchanan, Penn	1250		#			592	0	0	33	S	15	A			
	Tar Springs, Mis	1410		80			8	0	0	34	S	10	A			
	Hardinsburg, Mis	1570		350			31	0	0	33	S	10	A			
	Jackson, Mis	1370		1680			341	0	0	33	S	15	A			
	Cypress, Mis	1400		23400			4736	30	8	40	S	30	A			
	Sample, Mis	1600		10630			298	15	0	35	S	8	A			
	Bethel, Mis	1650		#			1020	5	7	38	S	20	A			
	Benoist, Mis	1695		#			186	17	1	37	S	7	A			
	Renault, Mis	1660	1983	130			3	0	0		L	3				
	Aux Vases, Mis	1775		1130			87	4	2	38	S	8	A			
	Ohara, Mis	1750		14830			16	0	1		L	8	AU			
	Spar Mt., Mis	1860		#			125	2	0	33	L	4	A			
	McClosky, Mis	1860		#			1271	11	2	40	L	10	A			
	St. Louis, Mis	1660		350			20	0	0	35	L	10	A			
	Salem, Mis	1955		210			16	0	1	36	L	2	A			
	Ullin, Mis	2415	1983	10			1	0	0		L	6				
	Devonian	2934	1975	60			14	0	0	39	L	12				
	Trenton, Ord	4492	1978	80			1	0	0		L	40				
SEE LAWRENCE COUNTY DIV. FOR PRODUCTION																
Lawrence County Division, Lawrence, Crawford																
			1900	38410	2832.9	398069.8	7580	54	12	3074						
TOTALS FOR LAWRENCE AND ST. FRANCISVILLE POOLS																
*Lawrence W, Lawrence, 3N, 13W																
			1952	1010	6.9	592.9	81	1	2	41						
	Paint Creek, Mis	1978	1962	700			10	1	0	35	S	13		Mis	3059	
	Bethel, Mis	2050	1952	#			42	0	0	33	S	15				
	Aux Vases, Mis	2110	1953	70			7	0	0	36	S	8				
	Ohara, Mis	2214	1968	310			1	0	0		L	16				
	Spar Mt., Mis	2193	1963	#			7	0	0		L	2				
	McClosky, Mis	2225	1953	#			16	0	2	40	L	11				
*Lexington, Wabash, 1S, 14W																
			1947	170	0.6	481.8	17	0	0	5						
	Cypress, Mis	2585	1953	10			1	0	0	32	S	10	A	Dev	5033	
	Benoist, Mis	2733	1972	30			3	0	0		S	4	AL			
	Ohara, Mis	2912	1968	130			1	0	0		L	3				
	McClosky, Mis	2970	1947	#			12	0	0	38	L	8	AC			
	Devonian	4912	1982	10			1	0	0		L	6				
Lexington N, Wabash, 1S, 14W																
	Ste. Gen., Mis	2915	1951	20	0.0	6.4	3	0	0	0	38	L	4	MC	Mis	3927
ABD 1958, REV 1981, ABD 1982																
*Lillyville, Cumberland, Effingham, 8-9N, 6-7E																
			1946	230	1.3	702.4	18	0	0	11						
	Spar Mt., Mis	2433	1968	230			1	0	0		S	6		Dev	4000	
	McClosky, Mis	2425	1946	#			16	0	0	36	L	10	A			
Lillyville N. Cumberland, 9N, 7E																
			1974	80	5.3	608.6	5	0	0	5						
	Spar Mt., Mis	2405	1974	80			3	0	0		S	7	R	Ord	6500	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test Zone	Depth (ft)	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness			Structure
Lillyville N. Cumberland, 9N, 7E																
	McClosky, Mis	2440 1974	#													
	Salem, Mis	2840 1974	60			5	0	0				L	20	Rd		
	Geneva, Dev	3825 1974	30			4	0	0				L	5	Rd		
						3	0	0				D	10	Rd		
(Continued from previous page)																
Lis, Jasper, 7N, 9E																
	Spar Mt., Mis	3022 1964	10	0.0	0.5	1	0	0	0	37		S	5	Mis	3050	
			ABD 1967													
Litchfield, Montgomery, 8-9N, 5W																
	Pennsylvanian	660 1886	160	0.0	24.0	19	0	0	0	23	0.24	S		D	Stp	3000
			ABD 1904, REV	42, ABD X, REV	81, ABD 82											
Litchfield S, Montgomery, 8N, 5W																
	Pennsylvanian	610 1967	80	0.0	0.0	7	0	0	5	23		S	3	Dev	1920	
*Livingston, Madison, 6N, 6W																
	Pennsylvanian	535 1948	500	15.8	824.4	79	1	0	35	35		S	15	ML	Ord	2378
*Livingston S +, Madison, 5-6N, 6W																
	Pennsylvanian	530 1950	690	17.8	714.7	82	0	2	51	35		S	7	ML	Ord	2480
*Locust Grove, Wayne, 1N, 9E																
	Aux Vases, Mis	1951	220	15.3	343.7	19	0	1								
	Ohara, Mis	3215 1951	110			8	0	1	6	36		S	10	Mis	4190	
	McClosky, Mis	3240 1951	110			10	0	0				L	4			
		3280 1951	#			1	0	0		37		L	6			
Locust Grove S, Wayne, 1S, 9E																
	Aux Vases, Mis	1953	300	15.9	168.1	23	4	0								
	Ohara, Mis	3155 1982	60			6	2	0	12			S	6	Mis	4058	
	Spar Mt., Mis	3248 1958	240			4	2	0				L	6			
	McClosky, Mis	3300 1953	#			7	0	0	39			L	6			
		3286 1958	#			7	0	0	37			L	10			
						7	0	0	39			L	4			
ABD 1971, REV 72, ABD 74, REV 78, ABD 79, REV 82																
Logan, Franklin, 7S, 3E																
	Aux Vases, Mis	2920 1968	60	2.9	104.5	6	0	0	2							
	Spar Mt., Mis	3028 1966	30			3	0	0				S	8	Mis	4100	
	McClosky, Mis	3082 1966	#			1	0	0				L	4			
	St. Louis, Mis	3380 1981	10			1	0	0				L	8			
			ABD 1982													
Logoootee, Fayette, 6N, 3E																
	Carper, Mis	3450 1966	30	0.0	0.0	3	2	0	2	34		L	8	Mis	3473	
			ABD & REV 1985													
Long Branch, Saline, Hamilton, 7S, 6E																
	Palestine, Mis	1950	160	21.9	371.1	20	4	0	11							
	Tar Springs, Mis	2070 1950	20			2	0	0				S	8	A	Mis	
	Cypress, Mis	2364 1986	10			1	1	0				S	3	AL	4373	
	Aux Vases, Mis	2745 1951	20			3	0	0				S	13	AL		
	Spar Mt., Mis	3095	90			9	1	0	37			S	9	AL		
	McClosky, Mis	3194 1986	#			2	2	0	37			S	8	AL		
	St. Louis, Mis	3220 1950	60			4	0	0				L	5	AC		
		3374 1986	10			1	1	0	37			L	2			
Long Branch S, Saline, 8S, 6E																
	Cypress, Mis	1955	20	0.3	10.4	2	0	1	0							
	Benoist, Mis	2660 1955	10			1	0	0				S	8	Mis	3453	
		2924 1984	10			1	0	1				S	8			
			ABD 1971, REV 1984, ABD 1986													
*Louden +, Fayette, Effingham, 6-9N, 2-4E																
	Cypress, Mis	1937	26090	1695.3	381162.0	2759	48	2	1540							
	Bethel, Mis	1500	22670			1882	51	2		36	0.25	S	30	A	PC	
	Benoist, Mis	1540	10560			563	48	0		38	0.24	S	15	A	8616	
	Renault, Mis	1550 1937	7730			831	28	0		38	0.20	S	10	A		
	Aux Vases, Mis	1602 1985	20			2	2	0				S	10	A		
	McClosky, Mis	1600	2450			117	20	0		37	0.17	S	10	AL		
	Carper, Mis	1785 1955	30			2	0	0		37		S	6	AL		
		2830 1952	50			6	0	0		36		S	4	AC		
												S	9	AL		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone		Deepest test Zone	Depth (ft)		
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock			Thickness	Structure
*Louden +, Fayette, Effingham, 6-9N, 2-4E																	
(Continued from previous page)																	
	Devonian	3000	1937	3610			154	0	0		28	0.48	D	15	A		
	Trenton, Ord	3905	1955	30			3	0	0				L	12	A		
Louisville, Clay, 4N, 6E																	
	Renault, Mis	2735	1974	550	11.7	370.2	43	0	0	19					Dev	4865	
	Aux Vases, Mis	2800	1978	20			2	0	0				S	6			
	Spar Mt., Mis	2860	1974	40			9	0	0				S	6			
	McClosky, Mis	2872	1974	540			9	0	0				S	10			
	Salem, Mis	3386	1974	#			30	0	0				OL	6			
	Ullin, Mis	3530	1974	10			2	0	0				L	4			
							1	0	0				L	4			
*Louisville N, Clay, 4N, 6E																	
	Aux Vases, Mis	2755	1953	120	1.0	59.1	9	0	0	1					Sil	4650	
	Spar Mt., Mis	2812	1961	40			7	0	0	37			S	10	M		
				80			7	0	0	37			L	9	ML		
				ABD 1956, REV 1962, ABD 1973, REV 1974											ML		
Louisville S, Clay, 3N, 6E																	
	Aux Vases, Mis	2823	1960	20	0.0	1.5	2	0	0	0					Sil	4930	
	Ohara, Mis	2893	1960	10			1	0	0	38			S	6			
				10			1	0	0	36			L	2			
				ABD 1967, REV 1976, ABD 1979													
Lynchburg, Jefferson, 3S, 4E																	
	McClosky, Mis	3045	1951	60	1.1	347.1	3	0	0	1	38		L	8	AC	Mis	4004
*McKinley, Washington, 3S, 4W																	
	Benoist, Mis	1050	1940	260	3.0	781.2	31	0	0	6					Ord	3983	
	Silurian	2240		180			17	0	0	41	0.18		S	5	R		
				200			13	0	0	40			L	40	Rd		
															R		
Macedonia, Franklin, 5S, 4E																	
	Salem, Mis	4124	1961	40	3.0	18.1	3	0	0	2					Dev	5249	
	Ullin, Mis	4097	1978	20			1	0	0				L	10			
			1961	20			2	0	0	37			L	12			
				20													
				ABD 1965, REV 1978													
Macedonia N, Franklin, 5S, 4E																	
	Salem, Mis	3765	1983	10	0.0	0.0	1	0	0	1			L	5	Mis	4320	
*Main C +, Crawford, Lawrence, Jasper, 5-8N, 10-14W																	
	Cuba, Penn	510	1906	64680	2016.8	243346.6	13304	254	27	4545					Stp	5317	
	Pennsylvanian	750		65240			76	0	0	32			S		AL		
	Pennsylvanian	1250		#			5	1	0				S	5	AL		
	Robinson, Penn	950		#			69	1	0	35			S	25	AC		
	Beech Creek, Mis	1201	1968	10			11527	248	25				S	25	AL		
	Cypress, Mis	1480	1954	800			1	0	0				OL	10	A		
	Paint Creek, Mis	1280		5140			55	0	0	34			S	15	AL		
	Bethel, Mis	1400		#			x	0	0	36			S	30	AL		
	Renault, Mis	1564	1979	320			199	0	0	36			S	18	AL		
	Aux Vases, Mis	1430		4060			27	0	0				S	10			
	Spar Mt., Mis	1515		860			218	3	2	35			S	15	AL		
	McClosky, Mis	1400		#			9	0	0				S	6	AC		
	Salem, Mis	1815	1947	300			158	2	0	35			OL	x	AC		
	Devonian	2795	1941	560			15	0	0	37			L	5	AC		
	Trenton, Ord	3900	1976	460			21	0	1	40			L	11	AC		
							26	0	0				L	75	AC		
*Maple Grove C, Edwards, Wayne, 1-2N, 9-10E																	
	Aux Vases, Mis	3145	1943	3640	56.4	5746.0	230	12	4	115					Dev	5220	
	Ohara, Mis	3230	1945	1190			85	5	4	38			S	15	A		
	Spar Mt., Mis	3250		2590			27	1	0	27			L	3	AC		
	McClosky, Mis	3260	1943	#			23	5	0	41			L	1	AC		
	St. Louis, Mis	3500	1977	10			105	4	0				L	6	A		
	Salem, Mis	3660	1967	130			1	0	0	39			L	6			
	Ullin, Mis	4057	1976	30			10	1	1				L	4			
							3	0	1				L	7			
Maple Grove S C, Edwards, 1N, 10E																	
	Ohara, Mis	3260	1945	1280	54.0	1129.0	79	1	1	68					Mis	4200	
	Spar Mt., Mis	3275	1951	1230			33	1	1	40			L	6			
	McClosky, Mis	3275		#			22	0	0	38			L	6			
				#			33	0	0				L	6			

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone		Deepest test Depth (ft)
				During 1986	To end of 1986	Completed end of 1986	Reported in 1986	Abandoned end of 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	
Maple Grove S C, Edwards, 1N, 10E													(Continued from previous page)
	Salem, Mis	3850 1976	40			3	0	0			L	85	
	Ullin, Mis	4170 1977	10			1	0	0			L	28	
Marcoe, Jefferson, 3S, 2E													
	Spar Mt., Mis	2700 1938	70	9.8	108.7	6	1	0	6		S	18	Mis 3520
	McClosky, Mis	2745 1938	#			6	1	0	25 0.54		L	15	MC
*Marine, Madison, 4N, 6W													
	Devonian	1700 1943	2470	53.9	12497.9	148	0	0	111 35 0.28		L	20	R Ord 2619
Marine W, Madison, 5N, 7W													
	Devonian	1653 1965	100 ABD 1978	0.0	25.2	6	0	0	0 35		L	3	Ord 2355
Marion, Williamson, 9S, 3E													
	Aux Vases, Mis	2385 1950	20	0.0	0.8	2	0	0	1 40		S	5	Mis 2560
	Ohara, Mis	2470 1975	10			1	0	0			L	8	
			ABD 1951, REV 1975										
Marion E, Williamson, 9S, 3E													
	Bethel, Mis	2295 1959	10	0.3	3.4	2	0	0	0 37		S	8	Mis 2642
			ABD 1963, REV 1983										
Marissa W +, St. Clair, Randolph, 3-4S, 7W													
	Cypress, Mis	215 1960	70	0.0	0.0	3	0	0	0 25		S	3	Ord 2413
			ABD 1966										
*Markham City, Jefferson, 2-3S, 4E													
	Ste. Gen., Mis	3070 1942	340	7.3	1705.5	19	0	0	4 38 0.08		L	10	A Mis 4050
*Markham City N, Jefferson, Wayne, 2S, 4-5E													
	Aux Vases, Mis	2950 1943	330	16.3	1536.0	26	0	0	8 38		S	6	A Mis 4085
	McClosky, Mis	3075 1943	120			9	0	0	37 0.24		L	8	AL AC
			330			19	0	0					
*Markham City W, Jefferson, 2-3S, 4E													
	Aux Vases, Mis	2905 1945	870	36.5	2875.9	73	2	0	34 39		S	15	A Dev 4950
	McClosky, Mis	3035 1946	350			22	0	0	37		L	7	AL AC
	Salem, Mis	3774 1969	390			25	0	0			L	4	
			620			30	2	0					
*Martinsville, Clark, 9-10N, 13-14W													
	Pennsylvanian	255 1907	2740	x	x	437	17	5	195		S		D Stp 3411
	Casey, Penn	500	2440			10	0	0			S	x	D
	Martinsville, Mis	480	#			121	7	5			L	x	D
	Carper, Mis	1340	680			47	7	0			S	x	D
	Devonian	1550	1050			92	3	0	37		L	40	D
	Trenton, Ord	2700	700			45	0	0	38		L	x	D
			520			37	1	0	40		L	x	D
			SEE CLARK COUNTY DIV. FOR PRODUCTION										
*Mason N, Effingham, 6N, 5E													
	Benoist, Mis	2290 1951	270	0.2	425.8	18	0	0	11 38		S	13	A Sil 4200
	Aux Vases, Mis	2355 1951	180			11	0	0	36		S	5	AL AC
	Spar Mt., Mis	2390 1951	120			1	0	0			L	18	AL AC
	McClosky, Mis	2475	#			4	0	0	37		L	5	AC
	Salem, Mis	2881 1982	10			1	0	0			L	4	
Massilon, Wayne, Edwards, 1S, 9-10E													
	Ohara, Mis	3255 1946	80	0.0	91.4	4	0	0	0 37		L	6	Mis 4125
	Salem, Mis	3714 1982	70			3	0	0			L	18	MC
			10			1	0	0					
			ABD 1953, REV & ABD 1982										
Massilon S, Edwards, 1S, 10E													
	Ohara, Mis	3315 1947	30	0.0	0.3	1	0	0	1 37		L	9	MC Mis 3451
			ABD 1947, REV 1982										

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test Depth (ft)		
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness		Structure	
*Mattoon, Coles, 11-12N, 7-8E																	
Cypress, Mis	1750	1939	6560	240.1	21390.6	654	32	3	289	39	0.16	S	13	A	Stp	4915	
Aux Vases, Mis	1900	1939	3530			276	1	1		32		S	15	AL			
Spar Mt., Mis	1950	1944	4970			425	6	2		38	0.21	S	12	A			
McClosky, Mis	2010		#			9	0	0		37		L	5	AC			
Salem, Mis	2236	1977	60			4	0	0				L	6				
Sonora, Mis	2400	1984	440			38	26	0				S	6				
Carper, Mis	2950	1955	560			34	2	0		39		S	10	A			
Devonian	3162	1970	50			5	0	0		34		S	9	A			
*Mattoon N, Coles, 13N, 7E																	
Spar Mt., Mis	1902	1960	160	0.5	381.6	12	0	0	3	40		S	12	A	Mis	1978	
Mattoon S, Cumberland, 11N, 7E																	
Carper, Mis	3035	1962	60	0.0	18.0	5	0	0	2	38		S	10	A	Mis	3337	
Devonian	3252	1982	50			4	0	0				L	26	A			
			10			1	0	0									
			ABD 1966, REV 1982														
Maunie E, White, 6S, 11E																	
Tar Springs, Mis	2280	1951	100	1.2	67.0	8	1	0	3	35		S	8	AF	Mis	3088	
Aux Vases, Mis	2870	1951	90			2	1	0		35		S	20	AF			
			ABD 1952, REV 1955														
*Maunie N C, White, 5-6S, 10-11E, 14W																	
Pennsylvanian	1320	1941	2280	90.5	5239.7	199	11	4	62	34		S	20	A	Dev	6119	
Degonia, Mis	2022	1985	10			1	0	0				S	4	AL			
Waltersburg, Mis	2305	1952	130			10	0	0		37		S	12	AL			
Tar Springs, Mis	2350		180			11	0	0		35		S	10	AL			
Hardinsburg, Mis	2565		10			1	0	0		36		S	10	A			
Cypress, Mis	2695	1984	40			2	0	0				S	5				
Sample, Mis	2830		510			2	0	0		35		S	13	AL			
Bethel, Mis	2820	1941	#			33	1	0		35		S	13	AL			
Renault, Mis	2935		10			1	0	0		36		L	2	AC			
Aux Vases, Mis	2930	1943	1010			106	7	2		35		S	13	AL			
Ohara, Mis	2995	1944	900			9	1	0		37		L	4	AC			
Spar Mt., Mis	3025	1947	#			26	1	1		36		L	6	AC			
McClosky, Mis	3035	1945	#			25	0	0		33		L	10	AC			
Salem, Mis	3874	1980	40			1	0	0				L	x				
Ullin, Mis	3950	1980	60			3	2	1				L	x				
*Maunie South C, White, 6S, 10-11E																	
Bridgeport, Penn	1400	1941	1760	57.6	7688.2	179	2	0	56	24		S	7	A	Dev	4908	
Biehl, Penn	1649	1959	180			11	0	0		31		S	x	AL			
Degonia, Mis	1900	1942	130			3	0	0		35		S	10	AL			
Palestine, Mis	2010	1941	640			14	0	0		35		S	17	AL			
Waltersburg, Mis	2210		20			54	0	0		37		S	19	AL			
Tar Springs, Mis	2270	1942	830			2	0	0		37		S	17	AL			
Cypress, Mis	2590		400			53	0	0		35		S	16	AF			
Bethel, Mis	2735		10			31	0	0		36		S	10	AL			
Aux Vases, Mis	2845	1941	210			1	0	0		37		S	x	AL			
Spar Mt., Mis	2900		40			17	2	0		37		S	12	AL			
McClosky, Mis	2920		#			1	0	0				L	8	AC			
St. Louis, Mis	3293	1975	10			4	0	0		35		L	6	AC			
Salem, Mis	3874	1973	10			1	0	0				L	9				
Ullin, Mis	3964	1975	10			1	0	0				L	x				
												L	6				
Mayberry, Wayne, 2-3S, 6E																	
McClosky, Mis	3350	1941	710	40.2	805.1	54	7	1	43	39	0.16	L	8	AC	Ord	6904	
Salem, Mis	3840	1977	240			16	0	0				L	8				
Ullin, Mis	4300	1977	110			15	1	0				L	25				
Dutch Creek, Dev	5300	1984	210			9	1	1				S	22				
						16	5	0									
Mayberry N, Wayne, 2S, 6E																	
McClosky, Mis	3330	1948	60	0.0	1.4	4	0	0	3	39		L	2		Dev	5390	
Salem, Mis	4137	1982	20			2	0	0				L	x				
Ullin, Mis	4190	1981	10			1	0	0				L	4				
			ABD 1950, REV 1981														
Mayberry S, Hamilton, Wayne, 3S, 6E																	
Salem, Mis	4180	1981	90	2.0	48.5	5	0	0	5			L	6		Mis	4350	
Ullin, Mis	4350	1981	80			4	0	0				L	5				
			10			1	0	0									

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery (ft)	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone			Deepest test Zone	Depth (ft)
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR, API	Sulfur percent	Kind of rock	Thickness	Structure		
Mechanicsburg, Sangamon, 16N, 3W																
	Silurian	1734 1972	150	8.3	254.0	11	0	0	8		L	16	MU	Sil	1826	
*Melrose, Clark, 9N, 13W																
	Isabel, Penn	840 1953	180	2.7	x	16	0	0	5	35	S	10		Pen	914	
Melrose S, Clark, 9N 13W																
	Isabel, Penn	865 1953	20	0.0	0.0	2	0	0	0	35	S	7		Pen	888	
			ABD 1959, REV 1964, ABD 1969													
*Miletus, Marion, 4N, 4E																
	Benoist, Mis	2140 1947	510	0.8	380.7	36	4	0	24					Dev	4000	
	Aux Vases, Mis	2200 1947	130			8	0	0		35	S	7	A			
	McClosky, Mis	2350 1947	290			11	0	0		36	S	7	A			
	Carper, Mis	3650 1981	10			18	4	0		36	S	5	A			
	Hardin, Dev	3820 1984	10			1	0	0			S	30	A			
						1	0	0			S	5				
Millersburg, Bond, 4N, 4W																
	Devonian	2130 1967	20	0.4	15.6	3	0	0	1	38	S	2		Dev	2185	
			ABD 1971													
*Mill Shoals, White, Hamilton, Wayne, 2-4S, 7-8E																
	Cypress, Mis	2910 1939	4250	228.4	13437.2	359	18	2	175					Dev	5606	
	Aux Vases, Mis	3245 1983	20			2	0	0				10	A			
	Ohara, Mis	3320	2950			218	1	0		36	0.14	11	A			
	Spar Mt., Mis	3345	1650			12	0	0				11	AC			
	McClosky, Mis	3375 1939	#			28	7	0				8	AC			
	St. Louis, Mis	3546 1960	#			75	11	1		36	OL	5	AC			
	Salem, Mis	3970 1961	20			2	0	0		39	OL	10	AC			
	Ullin, Mis	4110 1959	740			49	0	0		38	L	4	AC			
	Dutch Creek, Dev	5380 1980	20			7	0	1		38	L	10	A			
						2	0	0			S	25				
Mills Prairie, Edwards, 1N, 14W																
	Ohara, Mis	2925 1948	20	0.0	1.9	2	0	1	0	37	L	5	MC	Mis	3010	
			ABD 1952, REV 1985, ABD 1986													
Mills Prairie N, Edwards, 1N, 14W																
	Ohara, Mis	2925 1953	40	1.5	10.8	4	0	0	2	37	L	5	MC	Mis	3815	
			ABD 1956, REV 1984													
Mitchellsville, Saline, 10S, 6E																
	Degonia, Mis	1330 1955	30	0.1	27.9	3	0	0	1					Mis	2452	
	Waltersburg, Mis	1505 1955	10			1	0	0		35	S	6				
	Cypress, Mis	2107 1973	10			1	0	0		38	S	9				
						1	0	0			S	20				
*Mode, Shelby, 10N, 4E																
	Bethel, Mis	1682 1961	360	5.6	405.4	20	0	0	15					Dev	3265	
	Benoist, Mis	1742 1961	140			9	0	0		35	S	12				
	Aux Vases, Mis	1772 1961	360			13	0	0		34	S	8				
			40			3	0	0		37	S	8				
*Montrose, Effingham, 8N, 7E																
	McClosky, Mis	2523 1968	80	4.2	163.9	6	0	0	3		L	7		Dev	4106	
*Montrose N, Cumberland, 9N, 7E																
	McClosky, Mis	2500 1969	20	0.0	20.8	2	0	0	2		OL	10		Dev	3980	
*Mt. Auburn C, Christian, 15N, 1-2W																
	Silurian	1920 1943	7830	118.3	7238.5	474	4	1	153	37	0.28	L	15	MU	Trn	2577
*Mt. Carmel ++, Wabash, 1N, 1S, 12W																
		1939	5050	104.4	19560.7	580	1	3	174					A	Dev	4237

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Thick-ness	Structure	Deepest test Zone	Depth (ft)		
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned end of 1986	Pro-duc-ing end of 1986	GR. API						Sul-fur per-cent	
*Mt. Carmel ++, Wabash, 1N, 1S, 12W (Continued from previous page)																	
Bridgeport, Penn		1370	1946	1220		6	0	0		34		S	20	AL			
Biehl, Penn		1470		#		74	1	1		36	0.28	S	20	AL			
Jordan, Penn		1520		#		6	0	0				S	15	AU			
Palestine, Mis		1580		60		5	0	0		35		S	10	AL			
Waltersburg, Mis		1690		30		3	0	0		36		S	10	AL			
Tar Springs, Mis		1790	1939	460		38	0	0		36		S	13	AL			
Jackson, Mis		2020	1945	10		1	0	0				S	25	AL			
Cypress, Mis		2025	1940	3840		348	0	0		38	0.17	S	15	AL			
Sample, Mis		2095		180		4	0	0		37		S	7	AL			
Bethel, Mis		2110		#		13	0	0		35		S	16	AL			
Aux Vases, Mis		2520	1981	80		5	0	0				S					
Ohara, Mis		2320		1430		26	0	1		35		OL	5	AC			
Spar Mt., Mis		2350		#		17	0	0		39	0.26	S	5	AL			
McClosky, Mis		2360		#		68	0	1		37	0.42	OL	6	AC			
Salem, Mis		2696	1966	100		7	0	0				L	14				
Ullin, Mis		3097	1978	20		2	0	0				L	10				
Fort Payne, Mis		3561		10		1	0	0				L	61				
Mt. Erie N, Wayne, 1N, 9E																	
Aux Vases, Mis		3110	1944	330	4.6	511.5	26	2	1	11	40	S	8	M	Mis	4101	
Ohara, Mis		3170	1949	140		#	8	0	0			L	6	ML			
McClosky, Mis		3240	1944	230		#	13	2	1	37		L	5	MC	MC		
ABD 1966, REV 1967																	
Mt. Olive +, Montgomery, 8N, 5W																	
Pottsville, Penn		605	1942	80	0.3		7	0	0	5	33	0.16	S	6	A	Si1	1878
Mt. Vernon, Jefferson, 3S, 3E																	
Aux Vases, Mis		2665	1943	250	1.9	421.6	19	0	0	7	36		S	8	A	Mis	3262
Ohara, Mis		2750	1943	70		#	5	0	0			L	6	AL			
McClosky, Mis		2800	1943	180		#	14	0	0	39	0.18	L	7	AC	AC		
Mt. Vernon N, Jefferson, 2S, 3E																	
McClosky, Mis		2675	1956	30	1.0	71.4	3	0	0	3	38		L			Mis	3133
St. Louis, Mis		3010	1981	20		#	2	0	0			L	8				
				10		#	1	0	0			L	8				
Murdock, Douglas, 16N, 10E																	
Pennsylvanian		370	1955	10	0.0	0.0	3	0	0	0	36		S	16		Pen	424
ABD 1957, REV 1961, ABD 1968																	
Nashville, Washington, 2S, 3W																	
Devonian		2625	1973	580	190.2	1477.6	48	11	1	38						Ord	3776
Silurian		2650	1973	120		#	11	6	0			D	20				
				500		#	39	5	1	41		L	40	R			
Nashville N, Washington, 1-2S, 3W																	
Devonian		2750	1979	890	82.1	931.1	54	3	0	53		D	x	U	Si1	2893	
Nason, Jefferson, 3-4S, 2E																	
Ohara, Mis		2758	1943	70	7.1	134.6	6	0	0	4	37		L		ML	Dev	4694
Spar Mt., Mis		2790	1943	50		#	1	0	0			S	4				
McClosky, Mis		2810	1983	#		#	2	0	0	37		L	12	ML			
Salem, Mis		3450	1984	20		#	1	0	0			L	4				
				20		#	2	0	0			L	4				
Neoga, Cumberland, 10N, 7E																	
Carper, Mis		3510	1983	10	0.0	0.0	1	0	0	1	0		S	15		Si1	4007
New Baden E, Clinton, 1N, 5W																	
Silurian		1935	1958	290	3.0	305.2	23	0	0	12	39		L	15	R	Si1	2200
New Bellair, Crawford, 8N, 13W																	
Isabel, Penn		650	1942	140	0.0	10.7	10	0	0	2	32		S	3	M	Dev	2842
Cypress, Mis		1165	1942	20		#	2	0	0			S	10	ML			
Aux Vases, Mis		1280	1956	70		#	5	0	0	29	0.30	S	10	ML			
				60		#	3	0	0			S	20	M			
ABD 1948, REV 1952, ABD 1954, REV 1956																	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone		Deepest test Zone	Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock			Thickness	Structure
New City, Sangamon, 14N, 4W																
	Silurian	1730 1954	440	0.3	233.2	39	0	0	8	39	L	11	MU	Sil	1855	
New City S, Christian, 14N, 4W																
	Silurian	2008 1963	20 ABD 1974	0.0	63.4	2	0	0	0	39	L	17	MU	Sil	1918	
New Douglas S, Bond, 6N, 5W																
	Pennsylvanian	640 1957	20 ABD 1960	0.0	3.4	2	0	0	0	32	S	7		Pen	705	
*New Harmony C ++, White, Wabash, Edwards, 1N, 1-5S, 13-14W																
		1939	28920	1086.3	171221.4	2982	31	15	1263					A	Shk	7682
	Jamestown, Penn	720	1960			5	0	0		32	S	13		AL		
	Mansfield, Penn	x	#			0	0	0			S	x		AL		
	Bridgeport, Penn	1340	#			11	0	0			S	7		AL		
	Biehl, Penn	1850	#			139	0	0		33	S	20		AL		
	Jordan, Penn	1760	#			0	0	0			S	x		AL		
	Degonia, Mis	1925	150			12	0	0		34	S	10		AL		
	Clore, Mis	1980	100			11	0	0		36	S	10		AL		
	Palestine, Mis	2000	270			23	0	0		25	S	10		AL		
	Waltersburg, Mis	2155	1480			143	1	0		36	0.40	20		ALF		
	Tar Springs, Mis	2215	2680			228	1	3		35	0.19	26		ALF		
	Hardinsburg, Mis	2290 1958	40			3	0	0		35		10		ALF		
	Cypress, Mis	2570	11290			1103	0	3		35		20		ALF		
	Sample, Mis	2660	11980			62	0	2		36		20		ALF		
	Bethel, Mis	2700	#			959	6	3		37	0.24	27		ALF		
	Renault, Mis	2761	180			14	2	0		34		8		AC		
	Aux Vases, Mis	2800	8750			651	19	2		37	0.19	15		ALF		
	Ohara, Mis	2900	6620			89	3	1		39		6		AC		
	Spar Mt., Mis	2910	#			57	0	1		38		10		AC		
	McClosky, Mis	2925	#			348	1	2		37	0.33	8		AC		
	St. Louis, Mis	3153 1953	1330			82	4	2		37		x		AC		
	Salem, Mis	3364 1959	1050			72	1	0		37		16		AC		
	Ullin, Mis	3755	570			42	4	0		36		6		AC		
	Fort Payne, Mis	4500 1978	710			28	0	0			D					
New Harmony S (I11), White, 5S, 14W																
		1941	90	0.0	113.3	8	0	0	1					A	Mis	4620
	Waltersburg, Mis	2250 1941	30			3	0	0		35	S	18		AF		
	Tar Springs, Mis	2350	10			1	0	0		36	S	16		AF		
	Cypress, Mis	2670 1951	10			1	0	0		35	S	8		AF		
	Bethel, Mis	2815	20			2	0	0		36	S	10		AF		
	Aux Vases, Mis	3005 1949	10			1	0	0		37	S	7		AF		
	McClosky, Mis	3010	20			1	0	0		37	L	5		AF		
*New Harmony S (Ind) ++, White, 5S, 14W																
		1946	50	0.0	446.4	6	0	0	1					T	Mis	3068
	Degonia, Mis	1850	20			2	0	0		35	S	8		TF		
	Palestine, Mis	1955	50			1	0	0		24	S	10		TF		
	Waltersburg, Mis	2120	50			3	0	0		37	S	30		TF		
*New Haven C ++, White, 7S, 10-11E																
		1941	780	38.5	3015.8	70	0	0	39					A	Mis	3900
	Degonia, Mis	1789 1975	10			1	0	0			S	6				
	Tar Springs, Mis	2105 1941	330			25	0	0		38	0.27	12		AF		
	Hardinsburg, Mis	2245	10			1	0	0		36	S	8		AF		
	Cypress, Mis	2445 1949	480			26	0	0		39	S	12		AF		
	Aux Vases, Mis	2720	130			11	0	0		37	S	15		AF		
	Ohara, Mis	2799 1959	170			2	0	0			L	12		A		
	Spar Mt., Mis	2828 1960	#			3	0	0			L	15		A		
	McClosky, Mis	2820	#			6	0	0		35	OL	6		AC		
New Hebron E +, Crawford, 6N, 12W																
	Aux Vases, Mis	1555 1954	50 ABD 1965	0.0	0.3	4	0	0	0	35	S	4		Mis	1571	
*New Memphis Consolidated, Clinton, 1N, 1S, 5W																
	Silurian	1980 1952	1330	61.2	3242.4	82	0	1	77	40	L	15	R	Trn	2900	
New Memphis S, Clinton, Washington, 1S, 5W																
	Silurian	2000 1952	20 ABD 1952, REV 1956, ABD 1961	0.0	0.7	2	0	0	0	41	L	25	R	Ord	2914	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test Depth (ft)	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned end of 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness		Structure
*Newton, Jasper, 6N, 9E															
	Ste. Gen., Mis	2950 1944	50	1.2	118.9	6	0	0	1	37	L	6	MC	Mis	3040
			ABD 1962,REV 1969												
Newton N, Jasper, 7N, 10E															
	McClosky, Mis	2855 1945	100	0.2	10.2	7	0	0	1	37	L	5	MC	Mis	2968
			ABD 1948,REV 1960,ABD 1966,REV 1976												
Newton W, Jasper, 6-7N, 9E															
	Spar Mt., Mis	2912 1947	790	4.1	360.8	50	0	0	21					Dev	4570
	McClosky, Mis	3000 1947	790	#		17	0	0			L	5			
			ABD 1947,REV 1952,ABD 1953,REV 1961												
Noble W, Clay, 3N, 8E															
	Benoist, Mis	2880 1900	80	1.2	30.2	7	0	0	3					Mis	3712
	Aux Vases, Mis	1955 1981	10			1	0	0			S	8			
	McClosky, Mis	3035 1951	10			1	0	0			S	5			
	St. Louis, Mis	3395 1982	50			4	0	0	36		L	8			
	Salem, Mis	3646 1979	10			1	0	0			L	5			
	Ullin, Mis	3695 1979	40			4	0	0			L	13			
			ABD 1959												
Norris City W, White, 6S, 8E															
	Ullin, Mis	4204 1978	10	0.0	3.2	1	0	0	1		L	14		Mis	4460
*Oakdale, Jefferson, 2S, 4E															
	Aux Vases, Mis	2860 1956	490	4.8	910.0	37	0	0	6					Mis	3850
	McClosky, Mis	2985 1956	410			28	0	0	38		S	35			
			ABD 1956												
*Oakdale N, Jefferson, 2S, 4E															
	McClosky, Mis	2932 1960	190	5.5	737.0	18	0	1	10		OL	5		Mis	3725
	St. Louis, Mis	2990 1982	170			13	0	1	37		L	15			
	Salem, Mis	3400 1983	60			4	0	0			L	6			
			ABD 1983												
Oak Grove (Ind), Gallatin, 8S, 11E															
	Cypress, Mis	2410 1984	10	2.2	3.6	1	0	0	1		S	6		Mis	2861
Oakley, Macon, 16N, 3E															
	Cedar Valley, Dev	2285 1954	190	0.2	25.8	12	1	0	2	37	L	5		Sil	2391
			ABD 1965,REV 74,ABD 80,REV 82												
*Oak Point, Clark, Jasper, 8-9N, 14W															
	Isabel, Penn	560 1952	790	0.0	583.5	64	0	1	29		S	10	M	Dev	2691
	Aux Vases, Mis	1185 1955	10			1	0	0			S	17	ML		
	Carper, Mis	2220 1952	690			56	0	0	37		S	x	ML		
			ABD 1952												
Oak Point W, Clark, Cumberland, 9N, 11E, 14W															
	Aux Vases, Mis	1190 1955	130	0.0	19.7	13	0	0	8		S	8		Mis	1560
	Spar Mt., Mis	1270 1980	120			11	0	0	35		S	8			
	McClosky, Mis	1270 1981	20			1	0	0			S	8			
			ABD 1981												
Oconee, Shelby, 10N, 1E															
	Lingle, Dev	2850 1975	70	0.0	26.7	4	0	0	3		S	6		Dev	3139
*Odin, Marion, 2N, 1-2E															
	Cypress, Mis	1750 1945	350	2.0	1904.4	34	0	0	22					Dev	3597
	Benoist, Mis	1912 1963	340			30	0	0	37		S	13	AL		
	McClosky, Mis	2085 1957	10			1	0	0	37		S	3			
			ABD 1957												
Okawville, Washington, 1S, 4W															
	Silurian	2325 1951	50	0.0	63.3	4	0	0	0	40	L	3	R	Sil	2603
			ABD 1969												

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone	Deepest test Zone	Depth (ft)	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR, API	Sulfur percent				Kind of rock
Okawville NC, Washington, 1S, 4W															
	Silurian	2200 1955	220	4.0	206.3	17	0	0	11	40	L	R	Ord	3070	
*Old Ripley, Bond, 5N, 4W															
	Pennsylvanian	600 1954	930	39.9	706.4	93	0	0	55	34	S	A	Ord	3085	
	Benoist, Mis	875 1982	20			2	0	0			S	17			
	Aux Vases, Mis	941 1964	10			1	0	0		36	S	5			
												19			
Old Ripley N, Bond, 5N, 4W															
	Hardin, Dev	1991 1962	20	0.0	3.0	1	0	0	0	35	S	1	Dev	2040	
			ABD 1966												
Old Ripley W, Bond, 5N, 4W															
	Devonian	1984	20	0.0	0.7	2	0	0	2				Dev	2084	
	Lingle, Dev	x 1984	10			1	0	0			L	x			
		2014 1984	10			1	0	0							
*Olney C, Richland, Jasper, 4-5N, 10															
	Aux Vases, Mis	2918 1938	4060	46.1	8624.5	244	3	1	39		S	A	Mis	4030	
	Ohara, Mis	3005 1943	3990			6	0	0		37	L	A			
	Spar Mt., Mis	3050 1946	#			15	0	0		37	L	A			
	McClosky, Mis	3100 1938	#			81	0	1		37	L	A			
						150	3	0		37	L	A			
*Olney S, Richland, 3N, 10E															
	Ohara, Mis	3142 1937	1220	4.8	1142.2	73	0	0	23		L	M	Dev	4910	
	Spar Mt., Mis	3100 1962	1150			1	0	0		36	L	4			
	McClosky, Mis	3115	#			39	0	0		37	L	4	MC		
	Salem, Mis	3800 1981	70			43	0	0			L	3	MC		
						5	0	0			L	6			
*Omaha +, Gallatin, 7-8S, 8E															
	Jake Creek, Penn	385 1940	1810	56.8	6747.7	169	3	1	86		S	D	Dev	5320	
	Pennsylvanian	580	400			18	3	1		26	S	20	D		
	Biehl, Penn	1335 1948	#			5	0	0		19	S	10	D		
	Palestine, Mis	1700 1940	410			7	0	0		22	S	10	D		
	Tar Springs, Mis	1900	170			27	0	0		26	S	15	D		
	Hardinsburg, Mis	2179 1961	80			9	0	0		27	S	15	D		
	Cypress, Mis	2402 1959	150			6	0	0		29	S	18	D		
	Paint Creek, Mis	2450 1961	40			13	0	0		35	S	12	D		
	Bethel, Mis	2570 1955	#			3	0	0		37	S	10	D		
	Aux Vases, Mis	2730 1955	920			1	0	0			S	14	D		
	Ohara, Mis	2734 1958	360			69	0	0		40	S	20	D		
	Spar Mt., Mis	2722 1958	#			18	0	0		39	L	14	D		
	McClosky, Mis	2800 1961	#			5	0	0			S	8	D		
						7	0	0			L	x	D		
Omaha E, Gallatin, 8S, 8E															
	Cypress, Mis	2530 1946	160	0.0	61.5	13	0	0	3	41	S	6	M	Mis	3931
	Aux Vases, Mis	2790 1957	30			3	0	0		38	S	x	M		
	Ohara, Mis	2855 1946	100			1	0	0		37	L	8	MCF		
	Spar Mt., Mis	2942 1960	#			3	0	0			L	9	MCF		
	McClosky, Mis	2884 1958	#			3	0	0		38	L	10	MCF		
	St. Louis, Mis	3180 1984	20			1	0	0			L	4			
	Salem, Mis	3720 1984	20			1	0	0			L	10			
*Omaha S, Gallatin, Saline, 8S, 7-8E															
	Pennsylvanian	550 1951	210	21.1	125.7	15	3	0	11		S	A	Mis	3596	
	Tar Springs, Mis	2164 1984	10			1	0	0			S	6			
	Cypress, Mis	2535 1953	90			1	1	0			S	9			
	Aux Vases, Mis	2870 1955	120			5	0	0		36	S	15	AL		
	Ohara, Mis	2904 1986	10			10	2	0		38	S	11	A		
	Spar Mt., Mis	2865 1951	10			1	1	0			L	4			
			ABD 1965, REV 1969			1	0	0		37	L	1	AC		
*Omaha W, Saline, Gallatin, 7-8S, 7-8E															
	Cypress, Mis	2600 1950	200	14.9	535.2	17	0	0	15	38	S	A	Mis	3302	
	Sample, Mis	2600 1967	110			9	0	0		38	S	14	AL		
	Aux Vases, Mis	2800 1950	30			8	0	0		37	S	12			
	Ohara, Mis	2890 1983	30			3	0	0			L	30	AL		
	McClosky, Mis	2910	#			1	0	0			S	2			
						3	0	0		38	L	8	AC		

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test Depth (ft)	
	Name and age	Depth (ft)			During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR. API	Sul-fur per-cent	Kind of rock	Thi-ck-ness		Str-uct-ure
Omega, Marion, 3N, 4E																
	Benoist, Mis	2280	1946	430	26.7	283.2	31	4	0	23					Mis	3500
	Renault, Mis	2360	1963	60			5	1	0		38	S	3			
	Aux Vases, Mis	2362	1982	40			3	1	0			S	6			
	Spar Mt., Mis	2470	1982	40			3	0	0			S	8			
	McClosky, Mis	2490	1946	220			2	1	0		38	S	6			
	Salem, Mis	2742	1979	#			13	1	0			L	10	D		
				70			4	0	0			L	4			
				ABD 1949,REV 1963,ABD 1968,REV 1977												
Omega NW, Marion,6,3N,4E																
	McClosky, Mis	2402	1985	10	0.1	0.2	1	0	0	1		L	6		Mis	2410
Opdyke, Jefferson, 3S, 4E																
	Ohara, Mis	3016	1961	150	4.4	29.4	11	1	0	8		L	8		Mis	4000
	McClosky, Mis	3074	1962	150			1	0	0							
			1961	#			11	1	0		37	OL	20			
				ABD 1967,REV 1979												
*Orchardville C, Wayne, 1N, 5E																
	Sample, Mis	2655	1950	640	22.1	979.4	51	0	1	31					Mis	4030
	Aux Vases, Mis	2800	1958	10			1	0	0		36	S		A		
	Ohara, Mis	2880	1951	420			32	0	0		36	S	16	AL		
	McClosky, Mis	2905	1950	130			5	0	0		37	L	3	AC		
	Salem, Mis	3320	1980	140			11	0	1			L	8			
Orchardville N, Wayne, 1N, 5E																
	Paint Creek, Mis	2655	1956	30	0.3	28.2	3	0	0	2					Dev	4684
	Aux Vases, Mis	2780	1956	10			1	0	0			S	60			
	McClosky, Mis	2925	1971	20			2	0	0			S	40			
			1984	10			1	0	0			OL	6			
				ABD 1964,REV 1971												
*Orient, Franklin, 7S, 2E																
	Aux Vases, Mis	2660	1965	40	0.0	205.2	4	0	0	4	38	S	24		Mis	3000
Orient N, Franklin, 7S, 2E																
	Aux Vases, Mis	2680	1967	10	0.0	0.3	1	0	0	0	38	S	4		Mis	3049
				ABD 1972												
*Oskaloosa, Clay, 3-4N, 5E																
	Benoist, Mis	2595	1950	610	3.1	2742.1	51	0	0	14					Si1	4605
	Aux Vases, Mis	2643	1950	450			40	0	0		37	S	15	A		
	McClosky, Mis	2755	1958	170			12	0	0		37	S	x	A		
	Devonian	4400	1957	310			16	0	0		36	L	5	A		
	Silurian	4458	1981	30			3	0	0			L	30	A		
			1982	40			1	0	0			L	14			
*Oskaloosa E, Clay, 3N, 5-6E																
	Aux Vases, Mis	2820	1947	30	0.0	35.2	2	0	0	0					Dev	4653
	McClosky, Mis	2895	1951	20			1	0	0		37	S	5	AL		
				10			1	0	0		33	L	4	AC		
				ABD 1954												
Oskaloosa S, Clay, 3N, 5E																
	Ste. Gen., Mis	2770	1951	570	32.7	417.4	37	0	0	25					Ord	5860
	Carper, Mis	4100	1951	130			11	0	0		35	L	4	AC		
	Devonian	4356	1984	30			2	0	0			S	10			
			1980	410			24	0	0			L	16			
*Pana, Christian, 11-12N, 1E																
	Benoist, Mis	1470	1951	270	25.2	349.6	19	1	0	14	37	S	8		Dev	2847
Pana Cen, Christian, 11N, 1E																
	Benoist, Mis	1528	1978	520	25.3	170.8	35	5	0	33		S	5		Mis	1668
Pana S, Christian, 11N, 1E																
	Devonian	2881	1974	130	0.0	0.1	6	0	0	3		L	5		Dev	3034

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone Kind Thi-Str- of rock ess-ure	Deepest test Zone Depth (ft)			
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR. API			Sul-fur-per-cent		
Panama +, Bond, Montgomery, 7N, 3-4W															
	Golconda, Mis	1940	60	0.0	24.1	6	0	0	2	31	L	12	A	Ord	2950
	Benoist, Mis		40			4	0	0		28	S	12	A		
			30			3	0	0							
Pankeyville, Saline, 9S, 6E															
	Cypress, Mis	1956	30	0.0	6.1	2	0	0	0					Mis	2742
	Aux Vases, Mis	1956	20			2	0	0		37	S				
		1961	10			1	0	0		38	S	22			
						ABD 1957, REV 1961, ABD 1961									
Pankeyville E, Saline, 9S, 7E															
	Cypress, Mis	1956	10	0.0	0.0	1	0	0	0					Mis	3160
	Paint Creek, Mis	1956	10			1	0	0		37	S	22			
		1956	10			1	0	0		36	S	13			
						ABD 1957									
*Parkersburg C, Richland, Edwards, 1-3N, 10-11E, 14W															
	Pennsylvanian	1941	7450	136.8	12403.7	504	15	6	199				TAC	Dev	5414
	Waltersburg, Mis	1967	1000			1	0	0		36	S	18			
	Tar Springs, Mis	1950	180			14	0	0		39	S	10	AC		
	Cypress, Mis	1942	480			1	0	0		36	S	2	AC		
	Paint Creek, Mis	1983	1010			34	6	0		36	S	12	AC		
	Bethel, Mis	1942	#			1	0	0			S	10			
	Aux Vases, Mis	1942	#			75	3	0		35	S	12	T		
	Ohara, Mis	1945	30			3	0	0		37	S	20	T		
	Spar Mt., Mis	1941	5510			15	0	0			S	10	T		
	McClosky, Mis	1941	#			72	2	0		36	0.34	OL	10	T	
	St. Louis, Mis	1981	40			241	3	0		36	0.31	OL	10	TC	
	Salem, Mis	1978	730			3	0	0			L	7		C	
	Ullin, Mis	1978	20			51	2	6			L	4			
						2	0	0			L	4			
Parkersburg S, Edwards, 1N, 14W															
	Pennsylvanian	1948	940	107.9	577.6	75	9	0	65					Mis	3895
	Cypress, Mis	1950	80			8	0	0		41	S	10			
	Paint Creek, Mis	1954	270			25	5	0		36	S	10			
	Bethel, Mis	1948	50			6	4	0			S	6			
	Ohara, Mis	1982	360			26	3	0		35	S	5			
	McClosky, Mis	1982	80			1	0	0			L	5			
	Salem, Mis	1981	80			3	0	0			L	5			
						11	0	0			L	10			
Parkersburg W, Richland, Edwards, 2N, 10E															
	Aux Vases, Mis	1943	360	0.6	251.4	22	0	0	3				A	Mis	4132
	Ohara, Mis	1980	10			1	0	0			S	8			
	McClosky, Mis	1945	330			2	0	0			L	5	AC		
	Salem, Mis	1980	140			18	0	0	38		L	6	AC		
						2	0	0			L	5			
						ABD 1962, REV 64, ABD 65, REV 76, ABD 78, REV 80									
Parnell, Dewitt, 21N, 4E															
	Sonora, Mis	1963	670	2.9	261.2	45	0	0	44					Trn	1971
	Devonian	1963	650			42	0	0		32	S	12			
		1964	20			3	0	0		37	S	12			
Passport N, Richland, 5N, 9E															
	Aux Vases, Mis	1959	80	1.1	83.8	7	1	0	4	36	S	10		Mis	3656
*Passport S, Richland, Clay, 4N, 8-9E															
	Tar Springs, Mis	1948	180	2.3	184.5	14	0	0	3				A	Mis	3723
	Cypress, Mis	1962	10			1	0	0		37	S	9			
	Aux Vases, Mis	1948	110			9	0	0		38	S	15	AL		
	Spar Mt., Mis	1960	10			1	0	0		36	S	8	A		
	McClosky, Mis	1948	40			1	0	0			L	6	AC		
	Salem, Mis	1980	20			2	0	0	38		L	8	AC		
						1	0	0			L				
Passport W, Clay, 4N, 8E															
	Ste. Gen., Mis	1954	180	0.0	69.7	13	0	1	0	37	L	5	AC	Mis	3640
						ABD 1967, REV 1971, ABD 74, REV & ABD 1982									
*Patoka, Marion, Clinton, 3-4N, 1E, 1W															
	Cypress, Mis	1937	1560	12.0	14859.1	242	0	0	104				AR	Ord	4056
	Benoist, Mis	1937	60			8	0	0		39	S	10	A		
			1000			180	0	0		37	0.16	S	27	ARd	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned in 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Raymond E, Montgomery, 10N, 4W																
	Pennsylvanian	595 1951	110	0.7	38.0	9	1	0	6	34	S	10		Mis	1008	
Raymond S, Montgomery, 10N, 4W																
	Pennsylvanian	603 1959	10 ABD 1959	0.0	0.0	1	0	0	0	34	S	6		Pen	680	
*Reservoir, Jefferson, 1S, 3E																
	Aux Vases, Mis	2415 1950	590	19.2	770.3	40	1	2	22					MC	Dev	4304
	Spar Mt., Mis	2443 1983	20			1	0	0			S	5		M		
	McClosky, Mis	2700 1959	430			7	0	2			S	7		M		
	Salem, Mis	3034 1950	#			22	0	0	37		L	6		MC		
		1961	160			10	1	0	39		L	12		H		
*Richview, Washington, 2S, 1W																
	Cypress, Mis	1500 1946	810	27.1	3200.4	89	3	0	62	39	S	12	AL	Mis	3291	
Ridgway, Gallatin, 8S, 8E																
	Palestine, Mis	1730 1946	20	0.0	0.1	2	0	0	0					MC	Mis	2938
	McClosky, Mis	2840 1955	10			1	0	0	0	30	S	18		ML		
		1946	10			1	0	0	38		L	6		MC		
			ABD 1946, REV 1955, ABD 1956													
Rifle, Clay, 4N, 6E																
	Spar Mt., Mis	2735 1948	100	0.0	80.9	6	0	0	1	36	L	7	MC	Mis	3258	
			ABD 1961, REV 1981													
Rinard C, Wayne, 2N, 7E																
	Ohara, Mis	3132 1937	310	1.0	383.6	24	0	0	3					M	Mis	3950
	Spar Mt., Mis	3135 1977	300			1	0	0			L	6		MC		
	McClosky, Mis	3140 1937	#			21	0	0	39		L	5		MC		
	Salem, Mis	3561 1976	10			2	0	0			L	25				
Rinard S, Wayne, 1N, 6E																
	Spar Mt., Mis	3268 1965	10	0.0	0.8	1	0	0	0	39	L	4		Mis	3863	
			ABD 1966													
Ripley N, Schuyler, 1N, 2W																
	Devonian	620 1983	10	0.0	0.0	1	0	0	1			9		Sil	700	
Ritter, Richland, 3N, 10-11E																
	Ste. Gen., Mis	3215 1950	110	9.3	303.1	6	0	0	1	38	L	5		Mis	3925	
			ABD 1960, REV 1961													
*Ritter N, Richland, 3N, 11E																
	Ohara, Mis	3203 1951	190	0.0	161.3	13	2	0	2	39	L	6		Mis	3288	
	Spar Mt., Mis	3215 1960	190			3	2	0			L	6				
	McClosky, Mis	3205 1952	#			8	0	0			L	6				
		1951	#			3	0	0			L	5				
			ABD 1967, REV 1986													
Riverton S, Sangamon, 15N, 4W																
	Silurian	1590 1965	40	0.2	94.9	3	0	1	2	38	D	8	MU	Sil	1670	
Roaches, Jefferson, 2S, 1E																
	Benoist, Mis	2000 1938	310	4.3	696.8	22	0	0	9	38	S	x		AL	Dev	3840
	Ohara, Mis	2170 1942	40			6	0	0		0.22	L	5		AC		
	Spar Mt., Mis	2190 1938	260			4	0	0		0.22	L	12		AC		
	McClosky, Mis	2250 1938	#			11	0	0		0.22	L	4		AC		
	St. Louis, Mis	0 1980	10			6	0	0			L	x				
						2	0	0			L					
*Roaches N, Jefferson, 2S, 1E																
	Benoist, Mis	1925 1944	450	9.3	1164.2	41	2	0	7	37	S	7		A	Trn	4996
	Spar Mt., Mis	2115 1944	420			32	0	0		34	L	8		A		
	McClosky, Mis	2125 1944	120			8	2	0			L	4		AC		
		1984	#			1	0	0			OL					

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone
<i>*Roaches N, Jefferson, 2S, 1E</i>															
(Continued from previous page)															
	St. Louis, Mis	2420 1982	10			1	0	0				L	5		
	Trenton, Ord	4852 1962	10			1	0	0		42		L	44		
<i>Roby, Sangamon, 15N, 3W</i>															
	Devonian	1734 1949	400	21.1	480.5	32	3	0	18			L	40		S11 1905
	Silurian	1775 1949	400			1	1	0				L	5	MU	
			ABD 1951, REV 1954			31	2	0							
<i>Roby E, Christian, Sangamon, 15N,2-3W</i>															
	Devonian	1757 1970	1800	42.8	2160.7	115	0	1	72			S	2	MU	S11 2002
	Silurian	1840 1970	1810			2	0	0				L	20		
						114	0	1							
<i>Roby N, Sangamon, 16N, 3W</i>															
	Silurian	1699 1962	60	0.0	19.3	5	0	0	1 38			L	4	MU	Trn 2300
			ABD 1964, REV 71, ABD 73, REV 79												
<i>Roby S, Christian, 15N, 3W</i>															
	Silurian	1780 1984	210	41.9	150.6	16	6	0	16			L	x	MU	S11 1940
<i>Roby W, Sangamon, 15N, 3W</i>															
	Hibbard, Dev	1655 1957	70	0.0	7.5	7	1	0	5 37			S	5	CU	Trn 2259
			ABD 1963, REV 1967												
<i>*Rochester ++, Wabash, 2S, 13W</i>															
	Pennsylvanian	1300 1948	400	1.7	2569.2	54	0	0	19	32		S	16	M MCF	Mis 3450
	Waltersburg, Mis	1940 1948	230			30	0	0				S	20	ML	
	Salem, Mis	3210 1977	20			2	0	0				L	30		
<i>*Roland C +, White, Gallatin, 5-7S, 8-9E</i>															
	Pennsylvanian	1410 1939	12630	432.8	61094.8	1125	22	2	418			S	10	A A	Dev 5271
	Degonia, Mis	2065 1954	30			6	0	0		36		S	7	A	
	Clore, Mis	1993 1947	90			4	0	0		35		S	4	A	
	Palestine, Mis	2085 1946	40			7	0	0		36		S	2	A	
	Waltersburg, Mis	2200 1946	1890			4	0	0		34		S	15	AL	
	Tar Springs, Mis	2300 1940	760			126	0	1		31 0.25		S	15	AL	
	Hardinsburg, Mis	2550 1940	2120			52	0	0		35		S	20	AL	
	Golconda, Mis	2505 1955	10			166	0	0		37 0.30		S	5	A	
	Cypress, Mis	2700 1943	2690			1	0	0		35		S	15	AL	
	Paint Creek, Mis	2800 1945	2460			180	8	0		36 0.12		S	12	AL	
	Bethel, Mis	2800 #	#			45	2	0		37		S	12	AL	
	Aux Vases, Mis	2880 1945	5010			97	3	0		37 0.20		S	12	AL	
	Ohara, Mis	3020 1943	3140			335	16	0		39 0.12		S	13	AL	
	Spar Mt., Mis	3050 1945	#			47	2	0		36		OL	6	AC	
	McClosky, Mis	3070 1939	#			44	0	0		38		L	6	AC	
	St. Louis, Mis	3250	160			138	2	1		38 0.20		L	6	AC	
	Salem, Mis	4089 1966	190			13	0	0		37		L	x	AC	
	Ullin, Mis	4050 1967	340			17	1	0		38		L	19		
						17	0	0		38		L	4		
<i>Roland W, Saline, 7S, 7E</i>															
	Aux Vases, Mis	2935 1950	10	0.0	22.3	1	0	0	0 40			S	15	ML	Mis 3161
			ABD 1959												
<i>Rose Hill, Jasper, 8N, 9E</i>															
	Spar Mt., Mis	2735 1966	930	17.5	336.5	60	1	4	49			S	3		Dev 4403
	McClosky, Mis	2695 1966	930			5	0	0				L	10		
			#			25	1	4		39					
<i>Royalton, Franklin, 7S, 1E</i>															
	Renault, Mis	2540 1982	10	3.1	22.5	1	0	0	1			S	8		Dev 4515
<i>*Ruark, Lawrence, 2N, 12-13W</i>															
	Pennsylvanian	1600 1941	670	32.8	2724.4	74	4	0	38	33		S	10	A AL	Mis 2967
	Tar Springs, Mis	1625 1984	550			58	3	0				S	5		
	Bethel, Mis	2075	100			1	1	0				S	11	AL	
	Aux Vases, Mis	2145	40			9	0	0		36		S	7	AL	
	Ohara, Mis	2275 1954	20			4	0	0		37		S	5	AL	
						2	0	0		37		L	5	AC	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil			Deepest test Zone	Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Pay zone		Deepest test				
										GR. API	Sulfur percent				Kind of rock	Thickness
St James E, Fayette, 6N, 3E																
	Carper, Mis	1984	10	0.0	0.1	1	0	0	0		S	6		Mis	3257	
			ABD 1984													
St. Paul, Fayette, 5N, 3E																
	Benoist, Mis	1941	380	4.6	1087.7	36	0	0	18		S	9	A	Dev	3650	
	Spar Mt., Mis	1941	240			18	0	0		0.23	S	6	A			
	Carper, Mis	1963	290			19	0	0			S	28	A			
*Ste. Marie, Jasper, 5N, 10-11E, 14W																
	Ste. Gen., Mis	1941	1220	4.1	2122.1	73	0	0	4	37	0.14	L	8	AC	Mis	3695
Ste. Marie E, Jasper, 6N, 14W																
	Ste. Gen., Mis	1949	70	0.3	38.4	8	0	0	1	38		L	10	MC	Mis	3191
			ABD 1951, REV 66, ABD 80													
Ste. Marie W, Jasper, 5-6N, 10E																
	Aux Vases, Mis	1949	450	2.3	497.4	24	0	0	13			S	25	M	Mis	3225
	Ste. Gen., Mis	1949	10			1	0	0		37		L	6	ML		
		1949	450			24	0	0		40		L	6	MC		
*Sailor Springs C, Clay, Effingham, Jasper, 3-6N, 6-8E																
	Jackson, Mis	1938	22520	765.2	63627.4	1804	49	11	857			S	10	A	Dev	5600
	Tar Springs, Mis	1976	10			1	0	0				S	12	A		
	Glen Dean, Mis	1941	880			67	1	0		0.17		S	8	A		
	Cypress, Mis	1943	10			1	0	0				S	12	A		
	Bethel, Mis	1942	11160			839	11	5		0.28		S	12	A		
	Benoist, Mis	1946	1140			65	11	0				S	20	A		
	Aux Vases, Mis	1942	4430			324	19	3				S	13	A		
	Ohara, Mis	1947	9410			34	6	0				OL	6	A		
	Spar Mt., Mis	1945	#			258	7	1				LS	8	A		
	McClosky, Mis	1938	#			378	10	2				OL	8	A		
	St. Louis, Mis	1967	310			33	9	1				L	11	A		
	Salem, Mis	1978	230			22	5	4				L	12	A		
	Devonian	1980	50			3	0	0				L	6			
Sailor Springs E, Clay, 4N, 8E																
	Cypress, Mis	1944	690	27.1	457.1	48	1	1	28			S	8	D	Mis	3809
	Spar Mt., Mis	1944	120			11	1	0				S	7	D		
	McClosky, Mis	1981	450			20	0	1				L	7			
	St. Louis, Mis	1955	#			9	0	0				L	6			
	Salem, Mis	1980	30			3	0	0				L	6			
		1967	180			12	0	0				L	6			
			ABD 52, REV 55, ABD 56, REV 60, ABD 61, REV 66													
Sailor Springs N, Clay, 4N, 8E																
	Spar Mt., Mis	1948	100	1.7	26.7	8	0	0	3			L	2	M	Mis	3853
	McClosky, Mis	1948	100			5	0	0				L	2	MC		
			#			5	0	0				L	2	MC		
			ABD 49, REV 50, ABD 51, REV 55, ABD 56,													
*Salem C, Marion, Jefferson, 1-2N, 1S, 1-2E																
	Benoist, Mis	1938	13890	1832.2	384829.1	2915	8	0	1309			S	40	A	PC	9210
	Renault, Mis	1938	10900			641	1	0				S	7	A		
	Aux Vases, Mis	1986	10			1	1	0				S	40	A		
	Ohara, Mis	1825	7590			822	0	0		0.21		S	3	A		
	Spar Mt., Mis	2075	9720			2	0	0				L	15	A		
	McClosky, Mis	2100	#			157	5	0				LS	17	A		
	St. Louis, Mis	2050	#			903	3	0				L	17	A		
	Salem, Mis	2100	220			20	0	0				L	17	A		
	Devonian	1939	1400			279	0	0				L	17	A		
	Trenton, Ord	1939	6000			675	0	0		0.28		L	40	A		
		1941	1930			152	0	0				L	50	A		
Samsville, Edwards, 1N, 11E																
	Waltersburg, Mis	1942	70	0.0	1.0	6	0	0	1	38		S	7	A	Mis	3303
			ABD 1952, REV 1974, ABD 1977													
*Samsville N, Edwards, 1N, 14W																
	Bethel, Mis	1945	210	0.0	260.9	18	0	0	1	38		S	6	A	Mis	4040
	Spar Mt., Mis	1945	200			17	0	0				S	4			
		1981	10			1	0	0				S				
			ABD 1976, REV 1981, ABD 1982													

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test Depth (ft)
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	
Samsville NW, Edwards, 1N, 10E																
	Ohara, Mis	3190	1955	140	6.0	38.4	8	0	0	5	38	L	4	Mis	4150	
	Spar Mt., Mis	3301	1970	130			5	0	0			L	10			
	McClosky, Mis	3290	1980	#			2	0	0			OL	5			
	Salem, Mis	3872	1980	20			2	0	0			L	20			
	ABD 1956, REV 70, ABD 72, REV 80															
Sandoval, Marion, 2N, 1E																
	Cypress, Mis	1400	1909	510	5.0	6444.3	161	0	0	16		S	10	Rd	5023	
	Benoist, Mis	1540	1909	20			1	0	0		37	S	20	Rd		
	Geneva, Dev	2920	1909	480			124	0	0		35	S	9	Rd		
				260			35	0	0		38	D				
	ABD 1960, REV 1981															
Sandoval W, Clinton, 2N, 1W																
	Cypress, Mis	1420	1946	20	0.0	26.3	2	0	0	1	37	S	4	A	Mis	
	ABD 1960, REV 1981															
Santa Fe, Clinton, 1N, 3W																
	Cypress, Mis	955	1944	10	0.0	1.5	1	0	0	0	34	S	10	A	Dev	
	ABD 1947															
Santa Fe E, Washington, 1N, 3W																
	Silurian	2600	1982	10	0.0	1.3	1	0	0	1		L	8	Sil	2664	
*Schnell, Richland, 2N, 9E																
	Aux Vases, Mis	2956	1938	220	0.6	388.5	18	0	0	7		S	10	Mis	3690	
	Spar Mt., Mis	3090	1969	130			8	0	0			S	15			
	McClosky, Mis	3000	1974	120			1	0	0		39	OL	5	AC		
			1938	#			10	0	0							
Schnell E, Richland, 2N, 9E																
	Spar Mt., Mis	3101	1954	170	3.2	85.8	12	0	0	9		S	5	Mis	3776	
	McClosky, Mis	3115	1978	170			6	0	0		38	L	4	AC		
			1954	#			7	0	0							
	ABD 1954, REV 1978															
Sciota, McDonough, 7N, 3W																
	Devonian	519	1960	10	0.0	0.0	1	0	0	0	28	L	16	Sil	760	
	ABD 1960															
*Seminary, Richland, 2N, 10E																
	McClosky, Mis	3195	1945	120	0.0	228.8	9	0	0	1	38	L	x	Mis	3845	
	Salem, Mis	3750	1945	120			9	0	0			L	4	MC		
			1981	10			1	0	0							
	ABD 1966, REV 1981															
*Sesser C, Franklin, 5-6S, 1-2E																
	Cypress, Mis	2455	1942	1960	63.2	4128.3	132	2	0	88		S	5	AL	4688	
	Renault, Mis	2690	1953	50			3	0	0		38	S	10	AL		
	Aux Vases, Mis	2700	1942	340			26	0	0		37	S	10	AL		
	Ohara, Mis	2675	1951	1440			86	1	0		38	S	10	AL		
	Spar Mt., Mis	2810	1944	260			8	0	0			L	8	A		
	McClosky, Mis	2840	1951	#			6	0	0			L	10	AC		
	St. Louis, Mis	3002	1944	#			7	1	0		39	L	5	AC		
	Clear Creek, Dev	4360	1957	20			2	0	0		37	L	20	AC		
			1949	170			12	0	0		40	D	x	ACU		
Sharpsburg, Christian, 14N, 2W																
	Devonian	1972	1974	40	0.0	6.1	3	0	0	1		L	3	MU	Sil	
	Silurian	1975	1974	30			2	0	0						2062	
		1990	1974	10			1	0	0			L	3			
*Shattuc, Clinton, 2N, 1W																
	Cypress, Mis	1280	1945	300	7.8	874.5	42	1	0	21		S	7	A	Ord	
	Benoist, Mis	1420	1945	150			15	0	0		36	S	13	AL	4146	
	Trenton, Ord	4020	1947	80			7	0	0		35	S	7	AL		
			1948	220			21	1	0		40	L	13	A		
Shattuc N, Clinton, 2N, 1W																
	Benoist, Mis	1445	1961	10	0.0	2.4	1	0	0	0	36	S	7	Trn	4134	
	ABD 1964															

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone			Deepest test Depth (ft)
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR. API	Sulfur percent	Kind of rock	Thickness	Structure	
Shawneetown, Gallatin, 9S, 9E															
		1945	80	0.0	16.9	6	0	0	0	35	S	28	M	Mis	2837
	Palestine, Mis	1720 1955	40			2	0	0		37	S	12	M		
	Waltersburg, Mis	1900 1955	10			1	0	0		37	S	x	M		
	Tar Springs, Mis	1960 1955	60			3	0	0		38	S	14	M		
	Cypress, Mis	2375 1956	10			1	0	0		38	S	x	M		
	Bethel, Mis	2400 1968	10			1	0	0		38	S	x	M		
	Aux Vases, Mis	2650 1945	10			1	0	0		38	S	10	MF		
			ABD 1950, REV 1955, ABD 1960, REV 1968, ABD 1969												
Shawneetown E, Gallatin, 9S, 10E															
		1952	30	0.0	18.3	4	0	0	2	37	S	10		Mis	2830
	Waltersburg, Mis	1855 1955	10			2	0	0		37	S	x			
	Bethel, Mis	2480 1955	10			1	0	0		37	S	x			
	Aux Vases, Mis	2660 1952	10			1	0	0		38	S	9			
*Shawneetown N, Gallatin, 9S, 10E															
		1948	50	0.0	104.9	4	0	0	0	38	S	20	MF	Mis	3131
	Aux Vases, Mis	2750 1955	40			3	0	0		36	L	6	MF		
	McClosky, Mis	3045 1948	10			1	0	0		36	L	6	MF		
			ABD 1953, REV 1955, ABD 1966												
*Shelbyville C, Shelby, 11N, 4E															
	Aux Vases, Mis	1860 1946	110	0.7	53.3	9	0	0	1	34	S	15	A	Mis	3301
Shumway, Effingham, 9N, 5E															
		1965	20	0.0	3.4	2	0	0	0	37	L	3		Mis	2470
	McClosky, Mis	2223 1965	10			1	0	0		37	L	4			
	St. Louis, Mis	2431 1982	10			1	0	0		37	L	4			
			ABD 1969, REV 1982, ABD 1984												
Sicily, Christian, 13N, 4W															
	Silurian	1860 1956	70	0.0	69.4	7	1	0	1	39	L	16		Sil	1920
			ABD 1967, REV 1986												
Sigel, Effingham, 9N, 6E															
	McClosky, Mis	2350 1981	80	0.0	43.2	6	0	0	5		L	6		Ord	4702
*Siggins, Cumberland, Clark, 10-11N, 10-11E, 14W															
		1906	4430	x	x	1143	2	1	451	36	S	25	D	Trn	3341
	1st Siggins	400	4430			912	2	0		36	S	x	D		
	2nd Siggins	460	#			99	1	0		37	S	40	D		
	3rd & 4th Siggins	580	#			209	0	1		40	L	67	D		
	Trenton, Ord	3013 1972	30			2	0	0		40	L	67	D		
			SEE CLARK COUNTY DIV. FOR PRODUCTION												
Siloam, Brown, 2S, 4W															
	Silurian	603 1959	420	4.1	286.3	38	4	0	20	37	D	4	UC	Stp	1115
*Sorento C, Bond, 6N, 4W															
		1938	710	4.3	1965.0	61	0	0	8	31	S	20	A	Trn	2719
	Pennsylvanian	570 1956	80			6	0	0		35	S	8	A		
	Lingle, Dev	1875 1938	650			55	0	0		35	S	8	A		
Sorento W, Bond, 6N, 4W															
	Devonian	1880 1956	10	0.0	0.0	1	0	0	0	37	L			Ord	2706
			ABD 1956												
Sparta +, Randolph, 4-5S, 5-6W															
	Cypress, Mis	850 1888	20	0.0	x	2	0	0	0	35	S	7	D	Trn	3130
			ABD 1900												
Sparta S, Randolph, 5S, 5W															
	Cypress, Mis	880 1949	10	0.0	0.0	1	0	0	0	35	S	8	A	Mis	909
			ABD 1950												
Springerton, White, 4S, 8E															
	Aux Vases, Mis	3376 1980	90	5.2	33.0	8	0	0	6		S	x		Mis	3662
Springerton S, White, 4S, 8E															
	Aux Vases, Mis	3325 1976	840	68.0	1220.9	66	0	0	58		S	8		Mis	4500
		1977	720			56	0	0			S	8			

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Thi-Str-uct-ure	Deepest test Zone	Depth (ft)
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned end of 1986	Pro-duc-ing end of 1986	GR. API				
Springerton S, White, 4S, 8E														
(Continued from previous page)														
	Ohara, Mis	3424 1978	160			1	0	0			L	4		
	Spar Mt., Mis	3440 1976	#			4	0	0			S	9		
	McClosky, Mis	3494 1978	#			6	0	0			L	6		
	Salem, Mis	4290 1977	10			1	0	0			L	5		
	Ullin, Mis	4385 1977	20			2	0	0			L	6		
Springfield E, Sangamon, 15N, 4W														
	Hibbard, Dev	1625 1960	230	2.9	348.5	22	0	0	3		S	4	R	Sil
	Silurian	1600 1960	220			1	0	0		37	D	12	D	1705
						22	0	0		39			R	
Spring Garden, Jefferson, 4S, 3E														
	McClosky, Mis	3090 1977	370	92.8	859.1	20	0	0	18					Mis
	Salem, Mis	3470 1983	330			18	0	0			OL	10		3993
			40			2	0	0			L	4		
*Staunton +, Macoupin, 7N, 7W														
	Pennsylvanian	515 1952	30	0.0	4.1	2	0	0	1	35	S	11	A	Ord
*Staunton W, Macoupin, 7N, 7W														
	Pennsylvanian	505 1954	270	7.1	163.5	28	1	0	17	35	S	10		Sil
*Stewardson, Shelby, 10N, 5E														
	Aux Vases, Mis	1945 1939	360	9.2	1043.6	28	0	0	22					Dev
	Spar Mt., Mis	2021 1958	360			27	0	0		38	S	9	A	3414
			70			5	0	0		37	S	4	A	
Stewardson E, Shelby, 9-10N, 6E														
	Aux Vases, Mis	2177 1963	30	0.0	22.9	3	0	0	2					Mis
	Spar Mt., Mis	2197 1963	10			1	0	0		38	S	6		2561
			30			3	0	0		37	S	6		
Stewardson W, Shelby, 10N-5E														
	Benoist, Mis	1920 1970	30	0.0	0.0	3	0	0	2		S	5		Mis
			ABD 1971, REV 1983											3001
Stiritz, Williamson, 8S, 2E														
	Bethel, Mis	2470 1900	110	6.6	244.6	7	0	1	4					Dev
	Aux Vases, Mis	2525 1976	40			2	0	0			S	4		4669
		2525 1971	70			5	0	1			S	6		
*Storms C +, White, 5-6S, 9-10E														
	Pennsylvanian	1320 1939	5110	191.1	22523.7	474	8	2	194					Dev
	Biehl, Penn	1840 1954	370			12	0	0		29	S	10	AM	5308
	Degonia, Mis	2090 1951	#			16	0	0		35		4	AF	
	Clore, Mis	2100 1954	180			14	1	2		35		7	AL	
	Palestine, Mis	2150 1941	250			30	0	0		35		10	AL	
	Waltersburg, Mis	2230 1939	70			6	0	0		35		12	AL	
	Tar Springs, Mis	2340 1946	2740			251	1	0		32	0.28	15	AL	
	Hardinsburg, Mis	2476 1959	300			28	0	0		37		10	MF	
	Cypress, Mis	2700 1946	20			2	0	0		37		9	MF	
	Bethel, Mis	2810	340			25	0	0		34		10	MF	
	Renault, Mis	2990	60			6	1	0		37		5	MF	
	Aux Vases, Mis	3000 1946	1150			84	1	0		39		5	A	
	Ohara, Mis	3095	20			17	5	0		35		13	AF	
	Spar Mt., Mis	3115 1950	630			30	2	0		35		10	AC	
	McClosky, Mis	3055	#			20	2	0		34		2	AC	
	Salem, Mis	3738 1966	40			3	0	0			L	5	MC	
	Ullin, Mis	4030 1984	10			1	0	0			L	8		
*Stringtown, Richland, 4-5N, 11E, 14W														
	Ste. Gen., Mis	3025 1941	780	9.9	1811.8	54	0	0	16	40	0.24	OL	8	AC
			ABD 1975, REV 1981											Mis
Stringtown E, Richland, 4N, 14W														
	Spar Mt., Mis	3040 1948	420	4.4	120.5	28	0	0	16					Mis
	McClosky, Mis	3010 1981	420			12	0	0			S	5		3714
			#			16	0	0		37	L	4		
			ABD 1950, REV 1981											

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone	Depth (ft)		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API				Sulfur percent	Kind of rock
Stringtown S, Richland, 4N-14W															
	Spar Mt., Mis	3117 1970	40	0.0	5.9	4	0	0	0		S	8	Mis	3786	
				ABD 1976, REV 81, ABD 82											
Stubblefield S +, Bond, 4-5N, 3-4W															
	Pennsylvanian	540 1955	150	3.6	106.2	12	0	0	10		S	15	Dev	2455	
	Cypress, Mis	985 1955	40			3	0	0			S	4			
	Devonian	2185 1963	120			1	0	0	35		L	8			
				ABD 1956, REV 1963, ABD 1965, REV 1974											
Sumner, Lawrence, 4N, 13W															
	McClosky, Mis	2260 1944	50	0.4	19.9	4	0	0	2 39		L	4 MC	Mis	2560	
				ABD 1953, REV 1979											
Sumner Cen, Lawrence, 4N, 13W															
	Spar Mt., Mis	2544 1966	10	0.0	0.7	1	0	0	0 37		L	5	Mis	3100	
				ABD 1968											
Sumner S +, Lawrence, 3N, 13W															
	Aux Vases, Mis	2620 1964	140	1.5	20.7	13	3	0	8		S	8	Mis	3223	
	Spar Mt., Mis	2670 1981	130			10	1	0			S	4			
				ABD 1969, REV 1980											
Sumpter, White, 4S, 9E															
	Degonia, Mis	2140 1945	380	6.1	484.8	28	0	0	15		S	5	A	Ord	7852
	Clore, Mis	2195 1975	10			1	0	0			S	5			
	Tar Springs, Mis	2575 1945	290			2	0	0			S	18	AF		
	Hardinsburg, Mis	2655 1951	10			21	0	0	37		S	14	AF		
	Cypress, Mis	2860 1948	70			1	0	0	36		S	15	AF		
	Ohara, Mis	3222 1960	10			5	0	0	37		L	6	A		
	McClosky, Mis	3308 1984	10			1	0	0	36		L	5			
*Sumpter E, White, 4-5S, 10E															
	Cypress, Mis	2795 1951	1630	20.1	3087.8	104	1	0	41		S	16	A	Mis	4204
	Bethel, Mis	2922 1960	220			18	0	0	37		S	12	AL		
	Aux Vases, Mis	3020 1952	430			2	0	0	35		S	15	AL		
	Ohara, Mis	3115 1951	1140			29	0	0	39		L	12	AC		
	Spar Mt., Mis	3140 1952	#			48	1	0	36		L	4	AC		
	McClosky, Mis	3150	#			18	0	0	36		L	5	AC		
						3		0							
*Sumpter N, White, 4S, 9E															
	Aux Vases, Mis	3185 1952	340	3.1	721.6	25	2	0	13		S	3	AL	Dev	5500
	Ohara, Mis	3270 1982	240			16	0	0	37		L	6			
	Spar Mt., Mis	3292 1982	50			2	1	0			L	8			
	McClosky, Mis	3312 1974	#			2	0	0			OL	4			
	St. Louis, Mis	3419 1985	10			1	1	0			L	4			
	Salem, Mis	4080 1985	10			1	0	0			L	8			
	Ullin, Mis	4230 1975	50			4	1	0			L	30			
*Sumpter S, White, 4-5S, 9E															
	Tar Springs, Mis	2580 1948	290	9.2	1041.3	32	0	0	11		S	8	AF	Mis	4243
	Bethel, Mis	3025	160			16	0	0	34		S	15	AF		
	Aux Vases, Mis	3260	210			1	0	0	35		S	10	AF		
						16		0							
Sumpter W, White, 4S, 9E															
	Aux Vases, Mis	3165 1952	60	1.9	42.4	4	0	0	3		S	5	AL	Mis	4050
	Ohara, Mis	3244 1980	20			2	0	0	37		L	4			
				ABD 1964, REV 1969											
*Tamaroa, Perry, 4S, 1W															
	Cypress, Mis	1120 1942	350	3.4	478.0	24	0	0	10		S	13	AL	Trn	4287
	Trenton, Ord	4135 1964	250			19	0	0	30 0.12		L	40			
				110											
*Tamaroa S, Perry, 4S, 1W															
	Cypress, Mis	1155 1957	300	3.8	368.2	23	0	0	15 28		S	7	Mis	1385	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test Zone	Depth (ft)	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR API	Sulfur percent				Kind of rock
Tamaroa W, Perry, 4S, 2W															
	Cypress, Mis	1100 1956	20	0.0	2.5	3	0	0	1	34	S	5	Dev	2902	
Taylor Hill, Franklin, 5S, 4E															
	Ohara, Mis	3055 1949	270	15.3	240.1	22	2	0	14				Dev	5040	
	St. Louis, Mis	3365 1985	80			6	0	0	37		L	4			
	Salem, Mis	3635 1979	10			1	0	0			L	5			
	Ullin, Mis	3940 1961	20			2	0	0			L	6			
			230			13	2	0	38		L	15			
			ABD 1968, REV 1977												
Teutopolis, Effingham, 8N, 6E															
	Spar Mt., Mis	2402 1966	170	5.8	214.7	12	0	0	9				Dev	4037	
	McClosky, Mis	2530 1967	170			11	0	0			L	5			
	St. Louis, Mis	2570 1967	#			2	0	0	38		OL	4			
			40			3	0	0	39		L	4			
Teutopolis S, Effingham, 8N, 6E															
	Spar Mt., Mis	2477 1968	50	0.0	20.1	3	0	0	0				Mis	2950	
	McClosky, Mis	2535 1968	50			2	0	0			S	4			
			#			2	0	0			OL	5			
			ABD 1983												
*Thackeray, Hamilton, 5S, 7E															
	Cypress, Mis	3030 1944	840	3.3	4483.6	76	0	0	29				Dev	5611	
	Aux Vases, Mis	3360 1944	30			3	0	0		36	S	24	A		
	Ohara, Mis	3435 1946	760			68	0	0		37	S	15	A		
	McClosky, Mis	3500 1946	120			1	0	0			L	5	AL		
			#			6	0	0	37		L	10	AC		
													AC		
Thompsonville, Franklin, 7S, 4E															
	Ohara, Mis	3110 1940	430	1.8	430.0	44	0	0	16				Dev	5400	
	Spar Mt., Mis	3190 1967	350			10	0	0			L	4			
	McClosky, Mis	3200 1940	#			2	0	0			LS	4			
	St. Louis, Mis	3450	90			20	0	0	38	0.16	L	10	A		
						2	0	0	39		L	10			
			ABD 1947, REV 1967												
*Thompsonville E, Franklin, 7S, 4E															
	Aux Vases, Mis	3150 1949	180	6.6	629.2	14	0	0	1	38	S	8	ML	Mis	3371
*Thompsonville N, Franklin, 7S, 4E															
	Cypress, Mis	2750 1944	960	35.1	3965.0	94	2	0	19				Mis	4181	
	Aux Vases, Mis	3100 1944	20			1	0	0		37	S	10	A		
	Spar Mt., Mis	3062 1985	960			91	1	0		35	S	20	AL		
			10			1	1	0			L	4	AL		
Tilden, Randolph, 4S, 5W															
	Silurian	2160 1952	640	85.4	4834.1	46	8	0	41	40	L	60	R	Trn	3100
Tilden N, St Clair, Washington, Randolph, 3-4S, 5-6W															
	Devonian	2010 1968	690	16.2	1014.0	43	0	0	43				R	Ord	2810
	Silurian	2014 1968	150			9	0	0				29	R		
			550			34	0	0	42		L	70	R		
Toliver E, Clay, 5N, 6-7E															
	Cypress, Mis	2510 1943	210	2.4	317.2	18	0	0	12				M	Mis	3519
	Aux Vases, Mis	2740 1955	10			1	0	0		36	S	14	M		
	Spar Mt., Mis	2815 1967	50			4	0	0		36	S	4			
	McClosky, Mis	2840 1943	140			7	0	0		36	L	6	MC		
			#			6	0	0	35		OL	8	MC		
Toliver S, Clay, 4N, 6E															
	Aux Vases, Mis	2765 1953	80	0.0	60.4	4	0	0	0				M	Mis	2915
	McClosky, Mis	2875 1956	20			1	0	0		36	S		MC		
			60			3	0	0		34	L	5	MC		
			ABD 1964, REV 1983, ABD 1985												
*Tonti, Marion, 2-3N, 2E															
	Benoist, Mis	1930 1939	610	59.5	14654.4	111	2	0	66				R	Ord	4900
	Aux Vases, Mis	2005 1939	140			18	0	0		36	S	20	Rd		
			200			28	2	0		37	S	30	Rd		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone	Deepest test Zone	Depth (ft)			
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned end of 1986	Producing end of 1986	GR. API				Sulfur percent	Kind of rock	Thickness
*Tonti, Marion, 2-3N, 2E													(Continued from previous page)			
	Spar Mt., Mis	2125	650			16	0	0			LS	12	Rd			
	McClosky, Mis	2130 1939	#			75	0	0		38	0.21	OL	15	Rd		
	Devonian	3500	80			7	0	0		37		D	7	Rd		
Tovey, Christian, 13N, 3W																
	Silurian	1850 1955	10	0.0	28.0	1	0	0	0	38		L	10	Sil	1881	
			ABD 1973													
*Trumbull C, White, 5S, 8-9E																
	Pennsylvanian	830 1944	1640	19.1	3979.7	129	3	0	64			S	12	A	Mis	4401
	Tar Springs, Mis	2528 1962	10			1	0	0				S	5			
	Cypress, Mis	2845 1944	460			36	0	0		35		S	10	A		
	Bethel, Mis	2955 1959	70			4	2	0		36		S	9	A		
	Aux Vases, Mis	3170 1946	540			44	0	0		37		S	9	A		
	Ohara, Mis	3230	730			20	0	0		36		S	15	AC		
	Spar Mt., Mis	3270 1946	#			15	0	0		36		L	6	AC		
	McClosky, Mis	3290 1947	#			23	1	0				L	5	AC		
	St. Louis, Mis	3561 1982	30			3	0	0				L	14	AC		
	Ullin, Mis	4110 1978	20			2	0	0				L	20			
*Trumbull N, White, 4S, 8E																
	Aux Vases, Mis	3325 1961	250	24.6	190.8	19	0	0	13			S	6		Mis	4960
	Ohara, Mis	3420 1979	50			1	0	0		36		L	4			
	McClosky, Mis	3466 1961	#			4	0	0		37		OL	16			
			ABD 1966, REV 1979													
Turkey Bend, Perry, 4S, 2W																
	Trenton, Ord	3940 1957	50	1.8	69.3	3	0	0	3	39		L	1	Ord	4044	
*Valier, Franklin, 6S, 2E																
	Aux Vases, Mis	2685 1942	120	2.6	148.0	7	0	0	3			S	7		Mis	2900
	McClosky, Mis	2715 1963	110			6	0	0		39		L	12	ML		
			10			1	0	0		39						
			ABD 1945, REV 1963													
Vergennes, Jackson, 7S, 2W																
	Devonian	3300 1975	310	8.9	86.7	19	0	2	15	39		D	10	U	Ord	7094
Virden W, Macoupin, 12N, 7W																
	Devonian	1361 1963	70	0.2	2.8	5	0	0	2			L	20		Sil	1500
	Silurian	1400 1982	30			2	0	0		38		L	10			
			40			3	0	0								
			ABD 1971, REV 1982													
Waggoner +, Montgomery, 11N, 5W																
	Pottsville, Penn	610 1940	40	0.0	12.0	7	0	0	1	28	0.21	S	10		Sil	1945
			ABD 1949, REV 59, ABD 60, REV 63, ABD 64, REV 77													
Wakefield, Jasper, 5N, 9E																
	Spar Mt., Mis	3100 1946	40	0.8	2.5	3	1	0	1			L	5		Mis	3756
	McClosky, Mis	3105 1986	40			2	0	0		38		OL	6			
			10			1	1	0								
			ABD 1947, REV 1953, ABD 1954, REV 1986													
Wakefield N, Jasper, 5N, 9E																
	McClosky, Mis	3000 1953	10	0.0	23.2	1	0	0	0	37		L	6		Mis	3204
			ABD 1958													
Wakefield S, Richland, 5N, 9E																
	Spar Mt., Mis	3040 1955	100	0.0	7.7	8	0	0	0			S	4		Mis	3807
	McClosky, Mis	3040 1955	80			1	0	0		37		L	4			
	Salem, Mis	3540 1981	#			5	0	0				L	4			
			20			2	0	0				L	5			
			ABD 55, REV 69, ABD 74, REV 81, ABD 83													
*Walpole, Hamilton, 6-7S, 6E																
	Tar Springs, Mis	2465 1941	2210	24.7	10633.6	139	0	0	63			S	15	A	Dev	5950
	Benoist, Mis	2962 1979	110			7	0	0		37		S	8	AL		
	Aux Vases, Mis	3070 1941	10			1	0	0				S	20	A		
	Ohara, Mis	3152 1979	2070			122	0	0		37	0.13	L	4	A		
	Spar Mt., Mis	3195 1954	210			1	0	0		37		L	4	A		
	McClosky, Mis	3162 1960	#			4	0	0				L	7	AC		
			#			11	0	0		37		OL	7	AC		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone		Deepest test Depth (ft)	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock		Thickness
*Walpole, Hamilton, 6-7S, 6E															
(Continued from previous page)															
	St. Louis, Mis	3544	1960	30			3	0	0	38	L	8	AC		
	Salem, Mis	4058	1979	20			2	0	0		L	16			
	Ullin, Mis	4194	1985	10			1	0	0		L	4			
	Clear Creek, Dev	5314	1984	10			1	0	0		D	6			
Walpole S, Hamilton, 7S, 6E															
	Aux Vases, Mis	3120	1951	50	0.0	123.3	3	0	0	1	37	S	6	AL Mis 3362	
				ABD 1975, REV 1984											
Waltonville, Jefferson, 3S, 2E															
	Benoist, Mis	2460	1943	70	1.0	150.6	7	1	1	4	38	0.14	S	9	A Dev 4500
	St. Louis, Mis	2767	1962	50			4	0	0	37	L	14	A		
	Salem, Mis	3170	1981	10			1	0	0		L	5			
	Borden, Mis	3577	1982	10			1	1	1		L	23			
*Wamac, Marion, Clinton, Washington, 1N, 1E, 1W															
	Petro, Penn	720	1921	310	3.5	715.8	121	0	0	3	36		S	20	DF DF Ord 4160
	Devonian	3015	1959	310			119	0	0	38	L	9	DF DF		
Wamac E +, Marion, 1N, 1E															
	Isabel, Penn	845	1952	170	2.4	65.3	13	0	0	5	30		S	15	ML Trn 3700
				PAY ZONE IS ISABEL (WILSON SAND), PEN											
*Wamac W, Clinton, 1N, 1W															
	Cypress, Mis	1312	1962	260	13.7	1122.6	28	0	0	22	35		S	8	Dev 3050
	Benoist, Mis	1466	1962	130			15	0	0	36	S	12			
Wapella E, Dewitt, 21N, 3E															
	Devonian	1108	1962	350	46.4	3435.1	36	0	0	35	31		L	5	Stp 2216
	Silurian	1112	1963	30			3	0	0	31	D	6	R		
*Warrenton-Borton, Edgar, Coles, 13-14N, 13-14W															
	Pennsylvanian	200	1906	590	0.0	34.1	58	0	0	5	31		S	20	ML Trn 2212
Waterloo, Monroe, 1-2S, 10W															
	Trenton, Ord	410	1920	880	5.7	308.4	97	4	0	57	30	0.97	L	50	A PC 2768
				ABD 1930, REV 1939, CONV. IN PART TO GAS STORAGE '51											
Watson, Effingham, 7N, 5-6E															
	Spar Mt., Mis	2415	1957	30	0.4	66.2	3	0	1	0			S	5	Mis 2647
	McClosky, Mis	2434	1958	30			2	0	0	38	L	11			
				ABD 1986											
Watson W, Effingham, 7N, 5E															
	Aux Vases, Mis	2208	1965	20	0.0	15.4	2	0	0	2	39		S	12	Mis 2316
Waverly +, Morgan, 13N, 8W															
	Devonian	1020	1946	20	0.0	0.0	1	0	0	0			L	10	A Ord 2070
				ABD, GAS STORAGE IN ST PETER AND GALESVILLE											
Wayne City, Wayne, 2S, 6E															
	Salem, Mis	3974	1978	50	0.0	5.3	5	0	0	2			L	28	Dev 5247
Weaver, Clark, 11N, 10W															
	Cole, Mis	1565	1949	570	11.0	2491.2	46	0	0	28	30		S	5	R Dev 2160
	Devonian	2030	1953	30			1	0	0	37	L	10	Rd Rd		
*West Frankfort C, Franklin, 7S, 2-3E															
	Tar Springs, Mis	2060	1941	1790	48.6	7949.6	158	1	0	55	39	0.13	S	20	A Dev 4869
	Aux Vases, Mis	2710	1947	680			70	0	0	38	S	20	A		
	Ohara, Mis	2760	1943	490			42	1	0	38	S	20	AL		
				ABD 1986											

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone		Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR API	Sulfur percent	Kind of rock	Thickness	Structure
*West Frankfort C, Franklin, 7S, 2-3E (Continued from previous page)														
	Spar Mt., Mis	2810	#			6	0	0						
	McClosky, Mis	2825 1947	#			22	0	0		38	L	8	AC	
	St. Louis, Mis	3161 1980	10			1	0	0			L	14	AC	
*West Seminary, Clay, 2N, 7E														
	Aux Vases, Mis	2972 1959	320	0.0	819.9	29	0	0	2	37	S	10	MC	Mis 3690
	Spar Mt., Mis	3059 1959	230			18	0	0				6	MC	
	McClosky, Mis	3068 1959	290			3	0	0			OL	12	MC	
			#			14	0	0		38				
*Westfield, Clark, Coles, 11-12N, 11E-14W														
	Pennsylvanian	1904	9750	x	x	2127	111	2	523				D	Stp 3009
	Spar Mt., Mis	280	1750			277	10	0		28	S	25	D	
	Westfield, Mis	348 1984	10			1	0	0			SL	21	D	
	Carper, Mis	335	9640			1683	91	0		32	S	25	D	
	Devonian	875	690			40	0	0		38	L	18	D	
	Trenton, Ord	1165 1984	10			1	0	0			L	5	D	
		2300	1980			130	10	2		38 0.18	L	40	D	
				SEE CLARK COUNTY DIV. FOR PRODUCTION										
*Westfield E +, Clark, 11-12N, 14W														
	Pennsylvanian	400 1947	310	0.5	15.0	45	0	0	30	28	S	11	ML	Mis 795
Westfield N, Coles, 12N, 14W														
	Pleasantview, Penn	1949	20	0.0	0.4	2	0	0	0	28	S			Pen 611
	Pennsylvanian	275 1949	#			1	0	0			S	5		
		490 1949	#			1	0	0			S	10		
				ABD 1957										
Whiteash, Williamson, 8S, 2E														
	Aux Vases, Mis	2464 1972	70	0.3	34.5	5	0	0	4					Mis 2651
	Ohara, Mis	2532 1972	60			4	0	0			S	12		
			20			2	0	0			L	8		
*Whittington, Franklin, 5S, 3E														
	Hardinsburg, Mis	2310 1939	1480	130.9	3793.7	135	5	0	99				A	Ord 6155
	Cypress, Mis	2535 1948	440			29	0	0		38	S	10	A	
	Bethel, Mis	2612 1961	280			20	0	0		35	S	10	A	
	Aux Vases, Mis	2735	80			5	0	0		38	S	4	A	
	Ohara, Mis	2835	150			16	1	0		38	S	15	A	
	Spar Mt., Mis	2880	440			15	0	0		37	L	10	AC	
	McClosky, Mis	2870 1939	#			9	0	0			L	10	AC	
	St. Louis, Mis	3080 1939	#			9	0	0		38 0.24	L	9	AC	
	Salem, Mis	3300 1977	150			14	1	0		38 0.24	L	6	AC	
	Ullin, Mis	3560 1977	260			21	2	0			L	10		
	Devonian	4900 1981	20			1	0	0			L	7		
			550			29	1	0				15		
Whittington S, Franklin, 5-6S, 3E														
	Cypress, Mis	2580 1950	120	2.1	495.5	10	0	0	10	35	S	10	A	Mis 3904
*Whittington W, Franklin, 5S, 2-3E														
	Benoist, Mis	2615 1943	670	0.0	1571.2	38	0	0	2				A	Mis 3535
	Renault, Mis	2700 1949	10			1	0	0		36	S	10	AL	
	Aux Vases, Mis	2700 1956	480			21	0	0		37	L	10	A	
	Ohara, Mis	2800 1944	180			13	0	0		38	S	15	AL	
	Spar Mt., Mis	2800 1943	110			5	0	0			L	5	AC	
	McClosky, Mis	2780 1947	#			2	0	0			L	4	AC	
		2900	#			3	0	0		38	L	6	AC	
*Wilberton, Fayette, 5N, 2-3E														
	Borden, Mis	2628 1959	1100	14.3	1931.2	62	1	0	40					Ord 4528
	Carper, Mis	3203 1963	10			1	0	0		35	S	38		
	Lingle, Dev	3466 1961	1080			49	0	0		37	S	39		
			70			6	1	0		28	S	4		
*Williams C, Jefferson, 2-3S, 2E														
	Cypress, Mis	2330 1948	500	7.1	1465.5	47	0	0	29				A	Dev 4578
	Benoist, Mis	2490 1983	10			1	0	0		39	S	6	AL	
	Aux Vases, Mis	2550 1949	230			17	0	0		37	S	10	AL	
	McClosky, Mis	2600 1949	410			30	0	0		37	S	5	AL	
			20			2	0	0		37	L	x	AC	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test Zone	Depth (ft)	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of 1986	GR. API	Sulfur percent				Kind of rock
*Woburn C, Bond, 6-7N, 2W															
		1940	1490	21.5	4765.6	144	0	0	50			A	Ord	3620	
	Cypress, Mis	865 1950	310			20	0	0	35		S	8	AL		
	Benoist, Mis	1020 1940	340			38	0	0	36	0.20	S	10	AL		
	Renault, Mis	1047 1958	10			1	0	0	36		L	x	AL		
	Aux Vases, Mis	1055 1956	140			5	0	0	36		S	10	AL		
	Lingle, Dev	2275 1949	760			59	0	0	35		S	8	AC		
	Trenton, Ord	3170 1947	390			25	0	0	39	0.27	L	12	A		
*Woodlawn, Jefferson, 2-3S, 1-2E															
		1940	1980	33.7	18637.4	203	0	3	69			A	Ord	5101	
	Tar Springs, Mis	1440	30			3	0	0	35		S		AL		
	Cypress, Mis	1800 1943	180			3	0	0	37		S	10	AL		
	Benoist, Mis	1960 1940	1910			182	0	3	37	0.16	S	25	A		
	Aux Vases, Mis	1975 1945	270			24	0	0	38		S	10	A		
	Ohara, Mis	2180 1984	280			1	0	0			L	5			
	Spar Mt., Mis	2205 1947	#			17	0	0	38		L	15	A		
	McClosky, Mis	2200 1948	#			1	0	0			L	3	A		
	Lingle, Dev	3690 1945	70			11	0	0	37		S	6	A		
Woodlawn N, Jefferson, 2S, 2E															
	McClosky, Mis	2304 1979	10	x	x	1	0	0	1		L	5	Mis	2444	
Woodlawn S, Jefferson, 3S, 1E															
	Salem, Mis	2910 1981	60	0.9	17.4	3	0	0	3		L	8	Mis	3125	
Xenia, Clay, 2N, 5E															
		1941	300	13.4	144.8	22	0	0	17			A	Dev	4885	
	Aux Vases, Mis	2785 1941	10			1	0	0	35	0.19	S	13	A		
	Carper, Mis	4230 1962	150			11	0	0	38		S	12			
	Devonian	4498 1982	240			12	0	0			L	11			
Xenia E, Clay, 2N, 5E															
		1951	300	3.6	962.7	30	0	0	10			A	Mis	4620	
	Cypress, Mis	2500 1951	260			18	0	0	37		S	6	AL		
	Benoist, Mis	2710	110			9	0	0	35		S	6	AL		
	Renault, Mis	2755 1959	20			2	0	0	35		S	15	AL		
	Aux Vases, Mis	2741 1960	30			3	0	0	35		S	10	AL		
	McClosky, Mis	2900 1981	10			1	0	0			L	7	A		
Yale, Jasper, 8N, 11E															
		1966	700	59.2	385.7	48	9	1	37				Sl	3637	
	Benoist, Mis	1737 1985	10			1	1	0			S	8			
	Aux Vases, Mis	1650 1981	40			3	0	0			S	4			
	Spar Mt., Mis	2070 1966	660			12	0	0			L	10			
	McClosky, Mis	2140 1966	#			34	8	1	37		L	6			
*York, Cumberland, Clark, 9-10N, 10-11E, 14W															
	Isabel, Penn	590 1907	410	x	x	79	0	0	8	31	S	15	AM	Dev	2642
ABD 45, REV 50, SEE CLARK COUNTY DIV. FOR PROD.															
*Zeigler, Franklin, 7S, 2E															
	Aux Vases, Mis	2614 1963	350	8.2	2189.0	34	0	1	31	37	S	19	Mis	3030	
Zeigler S E, Franklin, 7S, 2E															
	McClosky, Mis	2835 1984	20	0.0	0.0	1	0	0	1		L	6	Mis	4333	
Zenith, Wayne, 2N, 5E															
		1948	50	0.0	26.8	5	0	0	0				Mis	3601	
	McClosky, Mis	2970 1948	40			4	0	0	38		L	7	AC		
	St. Louis, Mis	3088 1969	10			1	0	0			L	6			
ABD 1956, REV 69, ABD 70, REV 73, ABD 80															
*Zenith E, Wayne, 1N, 6E															
		1965	320	0.0	548.4	20	0	0	13				Mis	4102	
	Spar Mt., Mis	3170 1965	250			14	0	0	37		L	10			
	McClosky, Mis	3200 1981	40			3	0	0			L	4			
	St. Louis, Mis	3270 1981	20			1	0	0			L	4			
	Salem, Mis	3945 1981	10			2	0	0			L	4			

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone Kind of rock	Structure	Deepest test Zone	Depth (ft)
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned in 1986		GR. API	Sulfur percent				
*Zenith N, Wayne, 2N, 6E															
	Spar Mt., Mis	1951	450	14.4	1585.5	35	1	0	19						
	McClosky, Mis	3080 1951	300			16	1	0	38	L	6	A	Dev	5000	
	McClosky, Mis	3140 1951	#			7	0	0		L	4	AC			
	Salem, Mis	3634 1972	250			17	0	0		L	6	AC			
Zenith S, Wayne, 1N, 5E															
	Ohara, Mis	1949	310	0.0	766.1	16	0	0	0						
	McClosky, Mis	2920 1949	310			2	0	0	37	L	6	M	Mis	3827	
		2985 1949	#			14	0	0		L	7	MC			
						ABD 66,REV 67, ABD 70,REV 82,ABD 85									

1986 TOTALS

Area proved in acres	716,600
Production during 1986	25,283
Production, location unknown	1,962
Production to end of 1986	3,315,869
Wells completed to end of 1986	78,904
Wells completed in 1986	1,325
Wells abandoned in 1986	336
Wells producing at end of 1986	31,993

*Production totals in thousands of barrels

Table 8 Illinois gas field statistics, 1986; explanation of abbreviations and symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of discovery.
Age:	PC, Precambrian; Cam, Cambrian; Ord, Ordovician; Shk, Shakopee; Stp, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.
Kind of rock in pay zone	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; : OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure/trap:	A, anticline; C, stratigraphic trap; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; R, reef; Rd, reef drape; T, terrace; U, unconformity. Combinations of letters are used when more than one factor applies.
+	From oil wells.
*	Field listed in table 7 (oil production).
++	Gas storage project.
#	Acreage is included in the immediately preceding figure.
x	Correct entry not determinable.

Table 8 Illinois gas field statistics, 1986

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Adams; Adams; 2S; 6-7W														
	Silurian	409 1983	120	0.0	0.0	10	10	0	10	L	5	MU	Si1	560
*Albion C; Edwards, White; 3S; 10E														
	Pennsylvanian	1490 1940	50	0.0	9.4	2	0	0	0	S	6	MF	Dev	5185
Alhambra; Madison; 5N; 5W														
	Pennsylvanian	600 1974	20	0.0	0.0	1	0	0	0	S	6		Si1	2005
*Amity S.; Richland; 4N; 14W														
	Spar Mt., Mis	2910 1981	10	0.0	0.0	1	0	0	0	S	3		Mis	3071
*Ashmore E; Edgar; 13N; 14W														
	Pennsylvanian	367 1973	20	0.0	0.0	2	0	0	0	S	22		Dev	1228
***Ashmore S; Clark, Coles; 12N; 10-11E; 14W														
	Pennsylvanian	430 1958	460	0.0	x	23	0	0	0	S	x	A	Trn	2260
	Osage, Mis	385 1963	440 20			22 1	0 0	0 0		S	x	A		
*Ava-Campbell Hill; Jackson; 7S; 3-4W														
	Cypress, Mis	780 1916	370	0.0	x	20	0	0	0	S	18	A	Trn	3582
			ABD 1943;	REV (OIL) 1956;	ABD 1957									
Ayers Gas; Bond; 6N; 3W														
	Benoist, Mis	940 1922	325	0.0	298.7	21	0	0	0	S	5	A	Ord	3044
			ABD 1950											
Beardstown; Schuyler; 1N; 1W														
	Devonian	1983	190	0.0	0.0	15	4	0	15	L	4		Si1	677
	Silurian	452 1983	160			12	1	0		L	4			
		568 1985	30			3	3	0		L	4			
*Beaver Creek N; Bond; 4N; 2W														
	Benoist, Mis	1132 1965	40	0.0	0.0	1	0	0	0	S	x		Dev	2556
++Beaver Creek NE Gas; Bond; 4N; 2W														
	Benoist, Mis	1126 1961	70	0.0	x	7	0	0	0	S	5		Si1	2487
*Beaver Creek S; Bond, Clinton; 3-4N; 2W														
	Cypress, Mis	1015 1946	280	0.0	0.0	8	0	0	0	S	20	A	Si1	2606
*Beckmeyer Gas; Clinton; 2N; 3W														
	Cypress, Mis	1070 1956	90	0.0	0.0	2	0	0	0	S	23		Si1	2730
	Benoist, Mis	1155 1975	80 10			1 1	0 0	0 0		S	13			
			ABD 1958; REV 1975											
*Bellair; Crawford; 8N; 14W														
	Carper	1722 1970	10	0.0	0.0	1	0	1	0	S	45		Dev	2732
			ABD (Gas) 1986											
Beverly Gas; Adams; 3S; 5W														
	Silurian	450 1957	80	0.0	0.0	2	0	0	0	L	6		Stp	840
Beverly S; Adams; 3S; 5W														
	Silurian	550 1984	10	0.0	0.0	1	0	0	0	L	2		Si1	552
*Black Branch E; 15N; 14W														
	Silurian	1695 1969	20	0.0	0.0	1	0	0	0	L	23	MU	Si1	1755

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Boulder; Clinton; 2-3N; 2W														
	Geneva, Dev	2630 1941	320 ABD 1965	0.0	0.0	4	0	0	0	D	7	R	Trn	3813
*Boulder E; Clinton; 3N; 1W														
	McClosky, Mis Devonian	1957 1981 2840 1957	90 10 80	0.0	0.0	3 1 3	0 0 0	0 0 0	0	L L	5 12	x	Sil	2946
*Brooklyn; Schuyler; 3N; 3W														
	Silurian	512 1984	10	0.0	0.0	1	0	0	1	LD	5		Ord	996
*Carlinville; Macoupin; 9N; 7W														
	Pennsylvanian	365	60 ABD 1925; REV 1942	0.0	0.0	6	0	0	0	S	x	x	Mis	1380
*Carlinville N; Macoupin; 10N; 7W														
	Pottsville, Penn	440 1941	40 ABD 1954	0.0	0.0	1	0	0	0	S	10	x	Trn	1970
*Carlyle; Clinton; 2N; 3W														
	Cypress, Mis	1015 1958	20	0.0	x	2	0	0	0	S	x	AL	Stp	4120
*Casey; Clark; 10-11N; 14W														
	Casey, Penn	440	x	0.0	x	0	0	0	0	S	x	AM	Trn	2608
Claremont; Richland; 3n; 14W														
	Spar Mt., Mis	3200 1950	160	0.0	0.0	1	0	0	0	L	5	MC	Mis	4065
+++Cooks Hills C; Coles, Douglas; 14N; 7-8E														
	Cypress, Mis	1941	960	0.0	1895.4	24	1	0	0	S	10	A	Dev	3059
	Aux Vases, Mis	1600	680			14	0	0	0	S	8	AC		
	Spar Mt., Mis	1800	40			1	0	0	0	S	8	A		
	McClosky, Mis	1765	450			6	0	0	0	S	15	AC		
		1844 1983	10			1	1	0	0	L	4			
Cooperstown; Brown; 1S; 2W														
	Silurian	516 1977	30	0.0	0.0	3	0	0	0	L	6	x	Sil	575
Corinth S; Williamson; 9S; 4E														
	Hardinsburg, Mis	2232 1970	60	0.0	147.4	4	0	0	0	S	4		Mis	2823
*Dubois C; Washington; 3S; 1-2W														
	Cypress, Mis	1220 1939	400	0.0	0.0	10	0	0	0	S	10	AL	Ord	4217
*Dudley; Edgar; 14N; 13W														
	Pennsylvanian	300 1948	170	0.0	x	5	0	0	0	S	20	M	Stp	2997
Dudley West Gas; Edgar; 13N; 13W														
	Pennsylvanian	380 1953	130	0.0	0.0	4	0	0	0	S	11	x	Pen	513
*Eagerville E; Macoupin; 8N; 6W														
	Pennsylvanian	650 1982	x	0.0	0.0	1	0	0	0	S	x	x	Pen	674
++Eden Gas; Randolph; 5S; 5W														
	Cypress, Mis	875 1962	1000	0.1	381.6	15	0	0	3	S	x		Mis	2337
*Eldorado C; Saline; 8S; 7E														
	Pennsylvanian	1941	300	22.0	3996.9	19	0	0	x	S		A	Mis	4004
	Palestine, Mis	1620 1984	10			1	0	0		S	x	x		
	Waltersburg, Mis	1920	120			3	0	0		S	20	AL		
	Tar Springs, Mis	2055	80			2	0	0		S	20	AL		
		2225	40			4	0	0		S	17	AL		

(Continued on next page)

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production MCF		Number of wells				Pay zone			Deepest test			
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)		
(Continued from previous page)																
*Eldorado C; Saline; 8S; 7E																
	Hardinsburg, Mis	2353	1962	120												
	Cypress, Mis	2460		80		4	0	0			S	5	x			
						2	0	0			S	20				
*Eldorado E; Saline; 8S; 7E																
			1953	120	6.5	1133.4	10	0	0	1						
	Palestine, Mis	1900		80			5	0	0		S	30	A	Mis	4183	
	Tar Springs, Mis	2135		20			5	0	0		S	20	AL			
	Cypress, Mis			10			1	0	0		S		SL			
*Eldorado W; Saline; 8S; 6E																
				20	34.2	283.0	2	0	0	1						
	#6 Coal, Penn	390	1978	10			1	0	0		C	x		Mis	3165	
	Palestine, Mis	1923	1960	10			1	0	0		S	27	S			
Ficklin; Douglas; 16N; 8E																
	Spar Mt., Mis	1444	1966	40	0.0	0.0	1	0	0	0	S	20	x	Cam	5301	
Fidelity; Jersey; 8N; 10W																
	St. Louis, Mis	330	1984	20	0.0	0.0	2	1	0	2	L	10				
Fishhook Gas; Adams, Pike; 3-4S; 4-5W																
	Edgewood, Sil	450	1955	7250	195.6	2130.4	70	0	0	6	L	5	AU	Stp	1018	
**Freeburg; St. Clair; 1-2S; 7W																
	Cypress, Mis	380	1956	700	0.0		x	29	0	0	0	S	30	C	Ord	2008
++Gillespie-Benld (Gas); Macoupin; 8N; 6W																
	Pennsylvanian	540	1923	80	0.0	135.8	5	0	0	0	S	x	A	Pen	603	
				ABD 1935												
Gillespie W; Macoupin; 8N; 7W																
	Pennsylvanian	525	1958	10	0.0	0.0	1	0	0	0	S	x	x	Pen	565	
				ABD 1976												
Grandview-Inclose; Clark, Edgar; 12-13N; 13-14W																
			1941	1460	49.9		x	72	7	4						
	Pennsylvanian	400		1420				71	7	4				Ord	2694	
	Salem, Mis	570		40				1	0	0	S	2	M			
											L		HL			
*Greenville Gas; Bond; 5N; 3W																
	Lindley, Mis	925	1910	180	0.0	990.0	4	0	0	0	S	x	A	Ord	3184	
				ABD 1923; REV 1957; ABD 1958												
*Griggsville; Pike; 4S; 3W																
	Silurian	360	1982	460	x	227.2	25	3	6	16	L	20	AU	Ord	820	
*Harco, Harco E, Harco S; Saline; 8S; 5E																
	Mississippian	360	1954	x	0.0	2646.0	0	0	0	4				Mis	4400	
*Harrisburg; Saline; 8S; 6E																
	Tar Springs, Mis	2085	1952	160	0.0	93.2	1	0	0	0	S	6	x	Mis	2967	
				ABD 1971												
*Herald C; Gallatin, White; 6-8S; 9-10E																
			1939	1080	0.0		x	19	0	0	0					
	Anvil Rock, Pen	700		360				9	0	0		S	25	A	Dev	
	Pennsylvanian	1750		120				3	0	0		S	18	AL		
	Waltersburg, Mis	2240		120				3	0	0		S	10	A		
	Tar Springs, Mis	2315		480				4	0	0		S	6	AL		
*Hornsby NW; Macoupin; 9N; 6W																
	Pennsylvanian	600	1982	150	0.0	0.0	7	1	1	0	S	15		Pen	666	

Table 8 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone	Deepest test					
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986	Pro-duc-ing end of year			Kind of rock	Thi-ck-ness	Str-uct-ure	Zone	Depth (ft)
*Hutton; Coles; 11N; 10E																
	Pennsylvanian	620 1965	80	0.0	0.0	2	0	0	0	S	x	x	Ord	3437		
*Jacksonville Gas; Morgan; 15N; 9W																
	Pennsylvanian	330 1910	1320 ABD 1939	0.0	x	45	0	0	0	LS	5	ML	Ord	1390		
*Johnson City E; Williamson; 8S; 3E																
	Tar Springs, Mis	1930 1965	80	0.0	998.0	4	0	0	1	S	10	x	Mis	2997		
Kansas Gas; Edgar; 13N; 14W																
	Pennsylvanian	410 1958	30	0.0	x	3	0	0	0	S	x	x	Mis	778		
*Keenville; Wayne; 1S; 5E																
	Salem, Mis	3620 1978	x	319.8	1508.2+	x	0	0	x	L	8	C	Dev	5050		
*Lawrence; Lawrence; 3N; 12W																
	Spar Mt., Mis	1975	20	0.0	0.0	2	1	0	0	S			Cam	9261		
	McClosky, Mis	2092 1986	10			1	1	0		L	4	x				
		2050 1975	10			1	0	0								
Livingston E; Madison; 6N; 6W																
	Pennsylvanian	540 1951	60	0.0	0.0	3	0	0	0	S	12	x	Mis	815		
*Livingston S; Madison; 6N; 6W																
	Pennsylvanian	530 1950	40	0.0	0.0	1	0	0	0	S	2	ML	Ord	2480		
***Louden; Fayette; 7N; 3E																
	Burtschi, Penn	1937	1780	x	x	16	1	0	15	S			A	8616		
	Tar Springs, Mis	1000	320			5	0	0		S	20		AL			
	Devonian	1170	1440			3	0	0		L	2		AL			
		3150 1981	30			3	1	0			12					
Macoupin Station; Macoupin; 9N; 8W																
	Pennsylvanian	337 1985	10	0.0	0.0	1	1	0	1	S	18		Pen	355		
*Main C; Crawford, Lawrence; 5-8N; 10-14W																
	Robinson, Penn	1906	x	169.3	x	x	4	0	x	S			M	Stp		
	Hardinsburg, Mis	1000	x			x	3	0		S			ML	5317		
	Cypress, Mis	1075	160			1	0	0		S	40		ML			
	Benoist, Mis	1425	320			2	0	0		S	6		ML			
	Renault, Mis	1500	x			1	0	0		S	9					
	Aux Vases, Mis	1570 1980	10			9	1	0		S	8	ML				
		1527 1959	70													
*Marion E; Williamson; 9S; 3E																
	Aux Vases, Mis	2406 1966	40	0.0	0.0	1	0	0	0	S	4	x	Mis	2642		
*Marissa W (Gas); St. Clair; 3S; 7W																
	Cypress, Mis	241 1960	60	0.0	x	7	0	0	0	S	25		Ord	2413		
*Mattoon; Coles; 12N; 7E																
	Devonian	3124 1948	1160	266.4	10576.4	38	0	0	16	L	4	A	Stp	4915		
*Mt. Olive; Montgomery; 8N; 5W																
	Pottsville, Penn	605 1942	100	0.0	x	4	0	0	0	S	6	A	Sil	1878		
New Athens Gas; St. Clair; 2S; 7W																
	Cypress, Mis	250 1961	250	18.5	545.0	10	0	0	3	S	13		Mis	400		

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*New Harmony C; White, Wabash, Edwards; 1N; 1-5S; 13-14W														
	Pennsylvanian	764 1974	10	0.0	0.0	1	0	0	0	S	12		Shk	7682
*New Hebron E; Crawford; 6N; 12W														
	Robinson, Penn	866 1968	30	0.0	0.0	3	0	0	0	S	x		Mis	1571
*Old Ripley; Bond; 5N; 4W														
	Cypress, Mis	785 1981	10	0.0	0.0	1	0	0	0	S	8		Ord	3085
*Omaha; Gallatin; 7-8S; 8E														
	Palestine, Mis	1865 1940	130	0.0	221.4	5	1	0	0	S	15	D D D	Dev	5320
	Tar Springs, Mis	1900 1940	120			3	0	0	0					
*Panama; Bond, Montgomery; 7N; 3-4W														
	Pennsylvanian	575 1940	280	0.0	x	7	0	0	0	S	30	A A A	Ord	2950
	Benoist, Mis	865	160 120			4 3	0 0	0 0	0					
*Phillipstown C; Edwards; 3S; 10E														
	Bethel, Mis	1939	10	0.0	0.0	1	0	0	0	S	x	x	Dev	5350
Pittsburg; Williamson; 8S; 3E														
	Tar Springs, Mis	1920 1962	40	23.2	192.8	4	0	0	2	S	12	x	Mis	2570
*Pittsburg N Gas; Williamson; 8S; 3E														
	Hardinsburg, Mis	2151 1962	20	0.0	10.0	2	0	0	0	S	6		Mis	3070
Pittsfield (Gas); Pike; 5S; 4-5W														
	Niagaran, Sil	265 1886	8960 ABD 1930	0.0	xxx	68	0	0	0	L	10	A	PC	2226
*Plainview; Macoupin; 8N; 8W														
	Pennsylvanian	441 1961	130	0.0	0.0	9	1	0	0	S	20	x	Pen	563
*Plainview S; Macoupin; 8N; 8W														
	Pennsylvanian	450 1984	40	0.0	0.0	5	0	0	0	S	11	x	Pen	642
*Prentice; Morgan; 16N; 8W														
	Pennsylvanian	260 1953	310	210.7	x	7	0	0	0	S	15	x	Ord	1513
*Raleigh; Saline; 8S; 5-6E														
	Waltersburg, Mis	2307 1962	60	0.0	585.5	3	0	0	0	S	7	x	Dev	5511
	Aux Vases, Mis	2988 1983	50 10			2 1	0 0	0 0	0					
*Raleigh S; Saline; 8S; 5-6E														
	Waltersburg, Mis	2014 1955	160	99.5	x	19	2	0	17	S	5		Mis	4400
*Raymond E; Montgomery; 10N; 4W														
	Pennsylvanian	604 1983	20	0.0	0.0	2	0	0	0	S	3		Mis	1008
Redmon N; Edgar; 14N; 13W														
	Pennsylvanian	365 1955	50	0.0	0.0	2	0	0	0	S	3	x	Mis	450
++Richwood (Gas); Crawford; 6N; 11W														
	Pennsylvanian	612 1959	160	0.0	28.6	4	0	0	0	S	9	x	Pen	1001

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production MCF		Number of wells				Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Roland C; Gallatin; 7S; 8E														
	Waltersburg, Mis	2150 1940	160	0.0	0.0	1	0	0	0	S	19	AL	Dev	5271
Rushville NW; Schuyler; 2N; 2W														
	Silurian	576 1986	10	0.0	0.0	1	1	0	1	L	6		Sil	630
*Russelville Gas; Lawrence; 4-5N; 10-11W														
	Bridgeport, Penn	760 1937	1810	0.0	7081.6	61	0	0	0	S	15	A	Dev	3133
	Buchanan, Penn	1100	x			19	0	0		S	12	AL		
			x			42	0	0				AL		
			ABD 1949											
*St. Jacob E; Madison; 3N; 6W														
	Hardin, Dev	1840 1980	10	0.0	29.7	1	0	0	1	S	8		Ord	2600
St. Libory; St. Clair; 1S; 6W														
	Cypress, Mis	622 1964	280	39.8	556.0	8	0	0	3	S	11	R	Sil	1997
	Benoist, Mis	754 1965	40			1	0	0		S	22	Rd		
	Aux Vases, Mis	825 1964	40			1	0	0		S	10	Rd		
	Silurian		160			4	0	0		L		R		
			160									R		
Siloam; Brown; 2S; 4W														
	Silurian	658 1983	10	0.0	0.0	1	1	0	1	L	3		Sil	726
Spanish Needle Creek (Gas); Macoupin; 9N; 7W														
	Pennsylvanian	305 1915	80	0.0	14.4	7	0	0	0	S	x	D	Trn	2070
			ABD 1934											
*Sparta; Randolph; 4-5S; 5-6W														
	Cypress, Mis	850 1888	160	0.0	x	18	0	0	0	S	7	D	Trn	3130
			ABD 1900											
*Staunton (Gas); Macoupin; 7N; 7W														
	Pennsylvanian	460 1916	400	0.0	1050.0	18	0	0	0	S	x	A	Ord	2371
			ABD 1919											
*Stiritz; Williamson; 8S; 2E														
	Tar Springs, Mis	1951 1971	10	0.0	68.1	1	0	0	0	S	14		Dev	4669
Stolletown; Clinton; 3N; 3W														
	Pennsylvanian	970 1973	90	256.1	421.3	6	0	0	x	S			Dev	4669
	Cypress, Mis	970 1973	30			1	0	0		S	x			
			30			5	0	0						
*Storms C; White; 5-6S; 9-10E														
	Pennsylvanian	1090 1939	440	0.0	0.0	9	0	0	0	S	40	A	Dev	5308
	Waltersburg, Mis	2230	170			2	0	0		S	15	AF		
			280			7	0	0				AL		
*Stubblefield S; Bond; 4N; 4W														
	Pennsylvanian	590 1962	280	0.0	419.8	14	1	0	x	S	x	x	Dev	2455
	Cypress, Mis	920 1962	60			0	1	0		S	x	x		
			220			0	0	0						
*Sumner S; Lawrence; 3N; 13W														
	Aux Vases, Mis	2566 1959	40	0.0	0.0	2	0	0	0	S	10		Mis	3100
*Tamaroa; Perry; 4S; 1W														
	Cypress, Mis	1120 1942	20	0.0	0.0	2	0	0	0	S	13	AL	Trn	4287
++Tilden N Gas; Washington, St. Clair; 3S; 5-6W														
	Cypress, Mis	780 1961	x	0.0	x	0	0	0	0	S	25	C	Ord	2810

Table 8 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Time; Pike; 6S; 3W															
	Silurian		336 1984	50	0.0	0.0	5	0	0	5	L	20		Sil	428
*Waggoner; Montgomery; 11N; 5W															
	Pottsville, Penn		523 1959	10	21.7	126.4	1	0	0	1	S	2	x	Sil	1945
***Wamac E; Marion; 1N; 1E															
	Petro, Penn		856 1958	90	0.0	x	9	0	0	0	S	x	M	Dev	3405
***Waverly; Morgan; 13N; 8W															
			1946	900	0.0	0.0	8	0	0	0				Ord	2070
	Pennsylvanian		250	160			1	0	0		S	13	A		
	Devonian		1000	700			6	0	0		L	10	A		
	Trenton, Ord		1513 1963	40			1	0	0		L		x		
*Westfield E; Clark; 12N; 14W															
	Pennsylvanian		400 1947	60	0.0	0.0	3	0	0	0	S	11	NL	Mis	795
Woodburn N; Macoupin; 7N; 8W															
	Pennsylvanian		381 1986	10	0.0	0.0	1	1	0	1	S	11		Mis	582
Totals for Illinois (estimated)				39,240	1,887.5	41,167.8	993	41	12	216					