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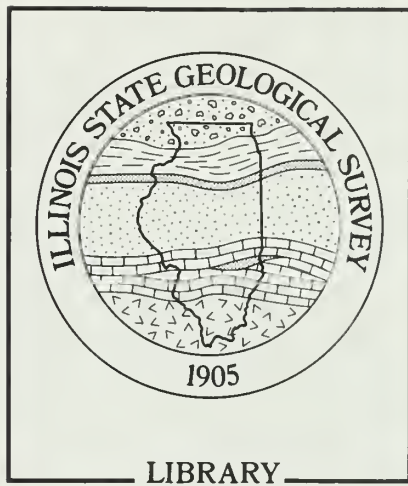
Oil and Gas Developments in Illinois, 1986

Bryan G. Huff

ILLINOIS PETROLEUM 131
1989

Department of Energy and Natural Resources
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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 BWPD 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

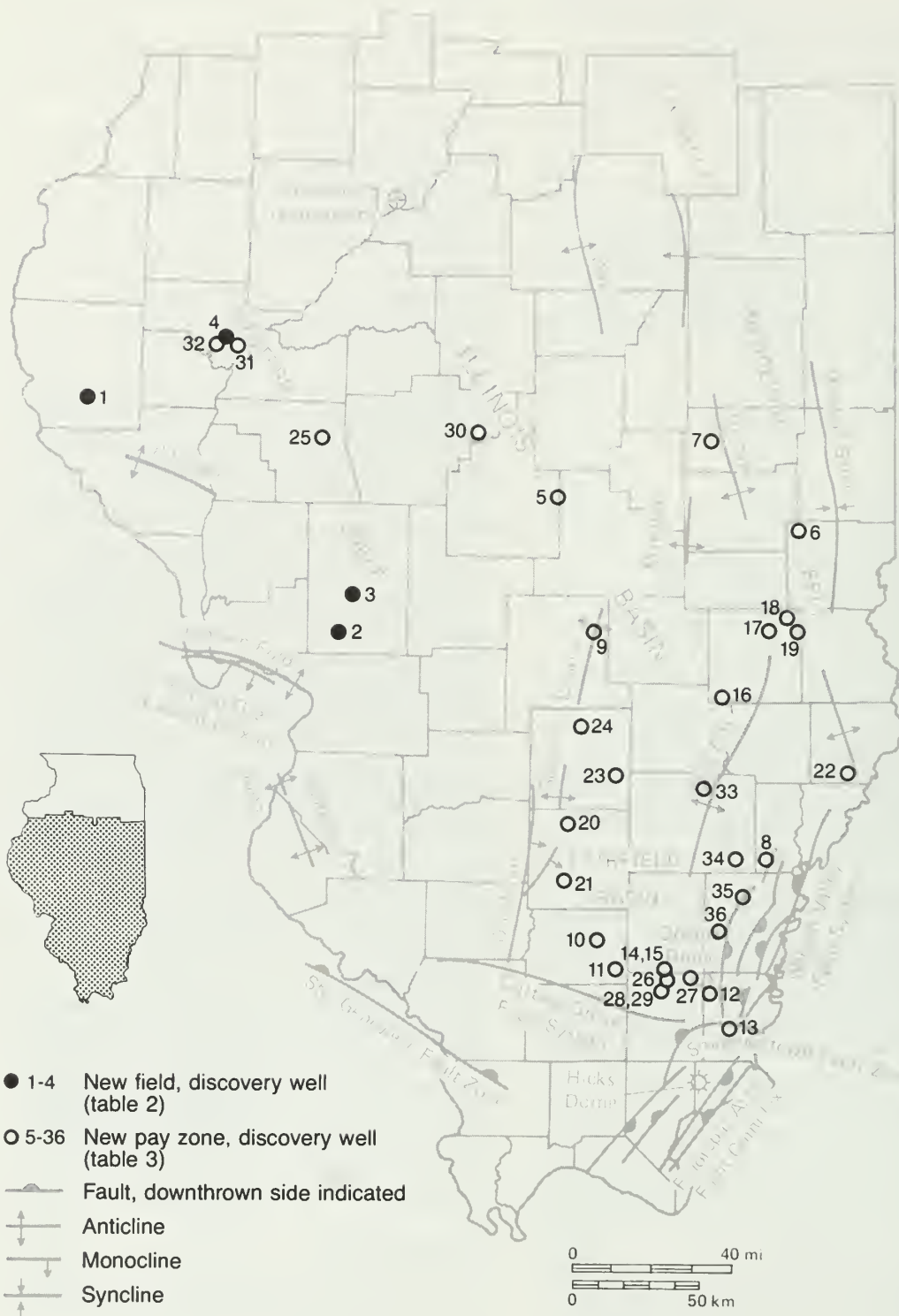


Figure 1 Locations of 1986 new field and pay zone discovery wells (see tables 2 and 3) and major tectonic features of southern Illinois (modified from J. D. Treworgy, 1981).

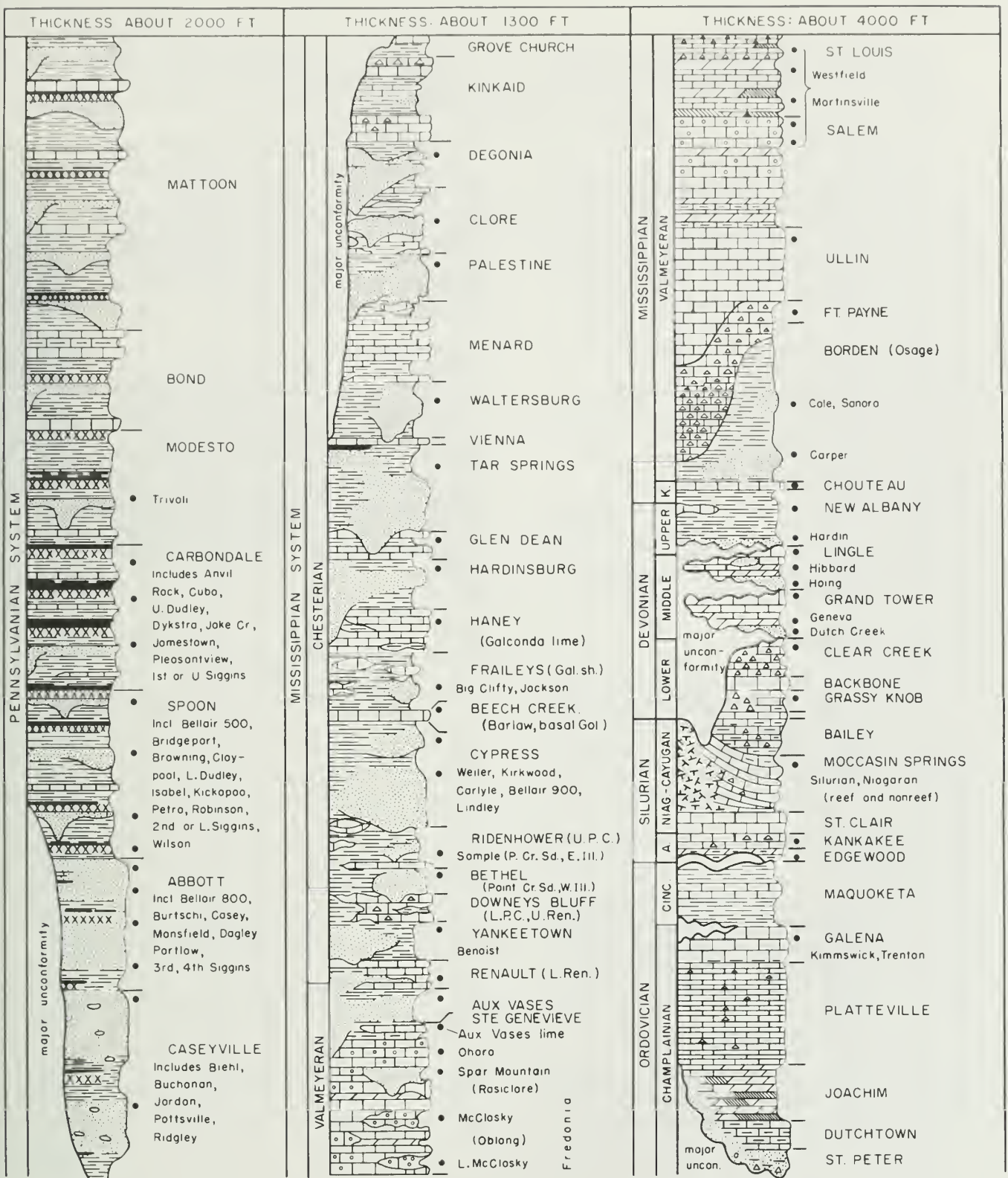


Figure 2 Generalized geologic column of southern Illinois. Solid dots indicate oil and gas pay zones. Formation names are in capital letters; other pay zones are not. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter are not shown. The names of the Kinderhookian, Niagaran, 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.

Liquified petroleum gas: underground storage

Twelve caverns, resulting from the mining of shale or limestone, provide storage capacity of 3,174,000 barrels of liquified 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	Production tests						Service wells				Struct- ure tests	Total footage drilled	Total oil prod, (bbl)
	Permits to drill	Total comple- tions	New holes		D&A to prod.*	Prod. to prod. in new pay zones	Footage drilled production tests	Conversions					
			Prod.*	D&A				New ser- vice wells	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)	Completion 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)	Completion 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 Usage.
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 et al # 1	Francis Mills	7B	Tar Springs	2,258	3,155	11/ 6/85	Also field extension.
28	Saline 6-8S-6E	Ashland Exploration, Inc. Weber, A.E. et al # 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	O.W.O. I.P. 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 2B-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 B-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.O. & 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	
Schuyler 12-1N-2W	Longhorn Resources, Inc. Morgan # 1	Rushville Central	36/24	Oevonian	644	715	2/23/84	Also new pay in field.
Schuyler 12-1N-2W	Midland Minerals Morgan #2	Rushville Central	14	Devonian	640	713	7/19/84	
Schuyler 3-2N-2W	Two Rivers Petroleum Co. Mundt Corp. Farm # 1	Rushville NW	250 MCFG	Silurian	576	630	5/15/86	
Schuyler 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 Oyke 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)	Com-pletion 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)	Com-pletion 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 (bbl)
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 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)
Ab Lake, Gallatin, 8S, 10E																
	Pennsylvanian	1947	120	1.4	142.6	14	4	1	6					M	Mis	2953
	805 1957		40			4	0	1		35	S	10	M			
	Palestine, Mis	1835 1954	10			1	0	0		36	S	5	MF			
	2000 1957		40			3	0	0		37	S	10	M			
	Waltersburg, Mis	2735	20			2	0	0		35	L	8	MF			
	Renault, Mis	2770	50			5	4	0		35	S	9	MF			
	Aux Vases, Mis															
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																
	Pennsylvanian	1950	460	0.4	551.0	35	0	1	16					M	Mis	4077
	725 1954		50			3	0	0		35	S	10	ML			
	2020 1956		300			19	0	1		37	S	20	ML			
	Tar Springs, Mis	2075 1958	30			2	0	0		38	S	10	ML			
	2425 1954		10			1	0	0		36	S	9	ML			
	Cypress, Mis	2735	180			18	0	0		36	S	6	ML			
	Aux Vases, Mis	2830	20			2	0	0		38	L	2	MC			
	McClosky, Mis															
*Aden C, Wayne, Hamilton, 2-3S, 7E																
	Aux Vases, Mis	1938	2540	39.8	13718.7	141	3	1	63					A	Dev	5450
	3200 1938		1620			68	1	1		39	S	10	A			
	Ohara, Mis	3290 1943	2130			12	2	0		35	L	7	A			
	3320 1943		#			6	0	0		35	LS	5	AC			
	Spar Mt., Mis	3350 1938	#			84	0	0		35	L	4	A			
	McClosky, Mis	3735 1948	90			12	1	0		36	L	16	AC			
	Salem, Mis	4132 1959	80			7	0	0		39	L	16	AC			
	Ullin, Mis	5182 1968	10			1	0	0		39	S	10	A			
	Lingle, Dev	5318 1959	30			3	0	0		40	S	10	A			
	Outch Creek, Dev															
Aden East, Wayne, 2S, 7E																
	McClosky, Mis	3434 1961	10	0.0	0.0	1	0	0	0	39	OL	6		Mis	3552	
				ABO 1961												
*Aden South, Hamilton, 3S, 7E																
	Aux Vases, Mis	1945	380	0.5	867.6	32	1	1	9					A	Dev	5500
	3245 1946		170			10	1	1		39	S	8	AL			
	Ohara, Mis	3310	380			3	0	0		37	L	7	AC			
	3330		#			8	0	0		37	LS	8	AC			
	Spar Mt., Mis	3395 1945	#			18	0	0		38	L	9	AC			
	McClosky, Mis	4190 1983	10			1	0	0			L	4				
	Salem, Mis															
*Akin, Franklin, 6S, 4E																
	Cypress, Mis	1942	770	2.9	2481.4	60	0	0	9					A	Mis	4300
	2840 1942		220			14	0	0		35	S	10	AL			
	Aux Vases, Mis	3100	530			41	0	0		37	S	22	AL			
	3100 1956		70			4	0	0		38	L	18	AC			
	Ohara, Mis	3270 1943	#			1	0	0		38	L	9	AC			
	McClosky, Mis															
Akin West, Franklin, 6S, 4E																
	Cypress, Mis	1948	160	3.7	275.2	11	0	1	7					A	Dev	5185
	2715 1950		30			2	0	1		35	S	8	AL			
	Ohara, Mis	3050 1948	110			3	0	0		37	L	10	AC			
	3080 1948		#			2	0	0			L	12	AC			
	Spar Mt., Mis	3130	#			3	0	0		39	L	4	AC			
	McClosky, Mis	3663 1962	10			1	0	0		38	L	10				
	Salem, Mis	3994 1962	20			2	0	0		37	L	10				
	Ullin, Mis															
Albion Cen, Edwards, 2S, 10E																
	Ohara, Mis	1955	140	1.1	147.1	11	0	0	5					Mis	4260	
	3350 1955		140			10	0	0		37	L	5				
	3427 1982		#			1	0	0			S	5				
	Spar Mt., Mis	3395	#			1	0	0			L	4				
	McClosky, Mis															
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W																
	Mansfield, Penn	1940	9900	422.0	36482.3	832	33	5	452					AM	Dev	5200
	1650		2100			7	0	0		28	S	5	MF			
	1900		#			30	0	0		29	S	15	MF			
	Bridgeport, Penn	2000 1944	#			17	3	0		37	S	9	MF			
	Biehl, Penn	2125	20			3	0	0		37	S	9	MF			
	Ogonia, Mis	2365	760			74	1	0		36	S	16	AL			
	Waltersburg, Mis	2460 1944	200			12	0	0		37	S	5	AL			
	2460 1944		200			6	0	0		36	S	10	A			
	Tar Springs, Mis	2635	70			6	0	0		36	S	10	A			
	Hardinsburg, Mis	2860	1290			102	8	1		37	S	15	A			
	Cypress, Mis															

(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 (ft)
				Ouring 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	
*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	14	AF		
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	32	S	7	A	Mis 3982	
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 0.14	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				Mis 4145	
Ohara, Mis	3280	1984	130			7	3	0		L	6			
McClosky, Mis	3300	1967	#			4	0	0		L	6			
Albion West, Edwards, 3S, 10E														
		1953	40	1.3	19.7	3	0	0	2				Mis 3762	
Ohara, Mis	3230	1976	40			2	0	0		L	8			
McClosky, Mis	3375	1953	#			1	0	0		L	5			
ABO 1953, REV 1976														
*Allendale, Wabash, Lawrence, 1-2N, 11-13W														
		1912	10780	369.7	25421.5	1278	19	18	401				Ord 5143	
Pleasantview, Penn	660		6870			0	0	0		S	30	AM		
Bridgeport, Penn	1070		#			4	0	0		S	12	AM		
Buchanan, Penn	1290		#			0	0	0		S	15	AM		
Biehl, Penn	1450		#			758	7	5	33	S	20	AM		
Jordan, Penn	1490		#			30	1	0		S	10	AM		
Waltersburg, Mis	1540		380			33	0	0	31	S	15	AM		
Tar Springs, Mis	1600		330			29	0	0	30	S	20	AM		
Hardinsburg, Mis	1780		10			12	0	0	34	S	10	AM		
Cypress, Mis	1920		2110			113	3	8	34	S	10	AM		
Sample, Mis	1769		1340			106	0	1	35	S	10	AM		
Bethel, Mis	2010		#			14	0	0	35	S	10	AM		
Aux Vases, Mis	2280		180			33	1	4	37	L	10	AM		
Ohara, Mis	2300		1400			18	2	0		L	5	AM		
Spar Mt., Mis	2300		#			47	6	2	36	L	8	AM		
McClosky, Mis	2300		#			5	0	2	39	L	15			
St. Louis, Mis	2275	1967	50			8	0	0	39	L	10			
Salem, Mis	2774	1966	100			3	0	0	39	L	12			
Ullin, Mis	2806	1966	40							L				
Alma, Marion, 4N, 2E														
		1941	120	7.4	107.0	10	1	0	4				Oev 3692	
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 0.26	L	10	AC		
McClosky, Mis	2196	1986	10			1	1	0		L	6			
ABD, REV 1982														
Amity, Richland, 4N, 14W														
		1942	90	1.4	75.8	7	0	0	4				Mis 3873	
Aux Vases, Mis	3060	1977	10			1	0	0		S	10			
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				Mis 3071	
Spar Mt., Mis	2890	1953	80			26	1	0	38	L	4			
McClosky, Mis	2905	1981	#			1	0	0		L	3			
ABO 1953, REV 1979														

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	Depth (ft)
Amity W, Richland, 4N, 14W																			
	Aux Vases, Mis	2925	1953	40	0.0	0.0	3	0	0	2	38	S	12	Mis	3145				
	Spar Mt., Mis	2953	1981	10			1	0	0			S	5						
				30			2	0	0			S							
				ABD 1954, REV 1981															
*Ashley, Washington, 2S, 1W																			
	Benoist, Mis	1430	1953	220	7.1	542.4	16	0	0	14	30	S	7	Trn	4335				
	Trenton, Ord	4210	1983	210			15	0	0			L	34						
				10			1	0	0										
*Ashley E, Washington, 2S, 1W																			
	Benoist, Mis	1636	1969	60	0.2	67.3	5	0		5		S	6	Mis	2030				
Ashmore E, Coles, 13N, 14W																			
	Pennsylvanian	415	1956	60	0.0	0.8	6	0	0	4	30	S	14	Oev	1228				
				ABD 1957, REV 1962															
Ashmore S +, Coles, Clark, 12N, 10-11E, 14W																			
	Pennsylvanian	420	1958	350	0.6	59.5	25	0	0	12	24	S	x	Trn	2260				
	Mississippian	475	1963	350			24	0	0	38		L	17	AL					
				20			1	0	0										
Assumption Cen, Christian, 13N, 1E																			
	Cypress, Mis	1176	1961	220	54.6	128.7	18	2	1	16		S	10	Si1	2566				
	Benoist, Mis	1220	1985	10			1	0	0			S	7						
	St. Louis, Mis	1430	1984	190			14	0	0			S	4						
	Devonian	2433	1986	10			1	1	0			L	4						
				20			2	1	1		38	L	4						
				ABO 1961, REV 1984															
*Assumption C, Christian, 13-14N, 1E																			
	Benoist, Mis	1050	1948	2590	76.2	10881.8	203	1	0	70	36	S	13	A	Ord	3070			
	Spar Mt., Mis	1170	1949	590			47	0	0		40	S	4	A					
	Lingle, Dev	2300	1948	220			17	0	0		38	L	8	A					
				2430			141	1	0										
Assumption S, Christian, 12N, 1E																			
	Lingle, Oev	2630	1951	60	0.5	27.0	4	1	0	2	39	L	15	Si1	2800				
Ava-Campbell Hill +, Jackson, 7S, 3-4W																			
	Cypress, Mis	780	1916	140	0.0	25.0	16	0	0	0	36	S	18	A	Trn	3582			
				ABO 1943, REV 1956, ABO 1957															
Baldwin, Randolph, 4S, 6W																			
	Silurian	1535	1954	30	0.2	15.2	3	0	0	1	32	L	x	R	Trn	2234			
Bannister, Marion, 2N, 3E																			
	Aux Vases, Mis	2570	1973	10	0.0	8.6	1	0	0	0		S	5	Oev	4226				
				ABO 1978															
*Barnhill, Wayne, White, 2-3S, 8-9E																			
	Cypress, Mis	2962	1939	3130	139.6	7181.4	267	8	0	145		S	4	A	Dev	5560			
	Aux Vases, Mis	3325	1985	10			1	1	0			S	15	AL					
	Ohara, Mis	3370	1943	1390			112	3	0	39		OL	6	AC					
	Spar Mt., Mis	3400		1770			23	3	0			LS	9	AC					
	McClosky, Mis	3450	1939	#			24	1	0			OL	15	AC					
	St. Louis, Mis	3520		#			89	0	0		38	L	7	AC					
	Salem, Mis	3795		60			6	0	0		38	L	8	AC					
	Ullin, Mis	4215		760			44	4	0		39	L	11	AC					
				30			3	0	0			L							
*Bartelso, Clinton, 1-2N, 3W																			
	Cypress, Mis	985	1936	620	19.3	4379.4	117	1	2	42	36	S	15	D	Stp	4212			
	Silurian	2420	1936	420			76	0	1		42	L	12	O					
			1939	440			42	1	1		42	L	12	R					
*Bartelso E, Clinton, 1N, 3W																			
	Silurian	2550	1950	220	16.4	1008.2	24	3	0	19	42	L	7	R	Si1	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		
				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)
Bartelso S, Clinton, 1N, 3W																
	Oevonian	1942	60	0.0	23.7	3	0	0	0	40	0.15	L	3	A	Oev	2652
			ABO 1962													
Bartelso W, Clinton, 1N, 3-4W																
	Cypress, Mis	1945	290	0.9	111.8	22	0	0	11					A	Si1	2600
	Silurian	1945	290			19	0	0		36		S	15	A		
		2439	10			1	0	0		40		L	7	A		
*Beaucoup, Washington, 2S, 2W																
	Clear Creek, Oev	1951	280	0.0	389.6	14	0	0	10					A	Trn	4192
	Trenton, Ord	1951	280			14	0	0		39		O	12	AU		
		4095	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	Si1	2558
Beaver Creek N, Bond, 4N, 3W																
	Benoist, Mis	1949	80	0.0	0.7	6	0	0	0	24		S	4	A	Oev	2556
			ABO 1954, REV 1958, ABO 1964													
*Beaver Creek S +, Clinton, Bond, 3-4N, 2-3W																
	Cypress, Mis	1946	600	6.6	807.1	55	0	0	26					A	Si1	2606
	Bethel, Mis	1974	20			2	0	0		36		S	20	A		
	Benoist, Mis	1946	570			1	0	0				S	7			
						52	0	0		35		S	5	A		
Beckemeyer Gas +, Clinton, 2N, 3W																
	Cypress, Mis	1956	10	0.0	0.0	1	0	0	0				S	23	Si1	2730
			ABO 1958													
*Bellair, Crawford, Jasper, 8N, 14W																
	Pennsylvanian	1907	2410	x	x	567	2	0	93					AM	Oev	2732
	Pennsylvanian	560	2200			315	0	0		29		S	30	AM		
	Mississippian	815	#			82	1	0		37		S	x	AM		
	Cypress, Mis	885	#			190	0	0		37		S	x	AM		
	Benoist, Mis	950	120			9	0	0		36		S	4	AM		
	Renault, Mis	1000	440			6	0	0		36		S	10	AM		
	Aux Vases, Mis	830	30			6	0	0		37		S	6	AM		
	Ohara, Mis	800	220			12	0	0		38		S	x	AM		
	McClosky, Mis	860	110			2	0	0		37		L	4	A		
	St. Louis, Mis	1436	#			9	1	0				L	12			
	Carper, Mis	1654	10			1	0	0				L	x			
		1748	50			4	0	0				S	14			
			SEE CLARK COUNTY OEV. 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	Oev	5483
Belle Prairie W, Hamilton, 4S, 5E																
	Salem, Mis	1959	160	14.8	212.5	16	0	0	15						Oev	5445
	Ullin, Mis	1980	130			12	0	0				L	10			
		4206	50			5	0	0		37		L	6			
			ABO 1960, REV 1980													
Belle Rive, Jefferson, 3S, 4E																
	Aux Vases, Mis	1943	200	5.0	463.9	10	0	4	7						Oev	5200
	McClosky, Mis	1984	10			1	0	0				S	10			
	Salem, Mis	3085	110			6	0	0		37	0.50	L	6	AC		
	Ullin, Mis	3838	50			3	0	3				L	7			
	Oevonian	3981	20			3	0	1				L	4			
		4932	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			
		3651	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			Oeepest 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
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					ML		
		2840	20			3	0	0		40	L	7	MC		
			ABO 1972												
*Beman, Lawrence, 3N, 11W															
	Aux Vases, Mis	1942	630	7.6	420.4	39	1	0	12	38	S	20	A	Oev	3410
	Ste. Gen., Mis	1805	100			8	0	0		38	L	7	AL		
		1850	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	1805	50			5	0	0		38	L	7	AL		
		1860	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
			ABO 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	1700	20			2	0	0					AL		
	Aux Vases, Mis	2100	2360			249	0	0		38	S	10	AC		
	Ohara, Mis	2752	460			30	1	0		38	S	15	A		
	Spar Mt., Mis	2804	330			19	1	0			L	8	A		
	McClosky, Mis	2770	#			1	0	0			S	16	A		
	St. Louis, Mis	2906	#			7	0	0		37	OL	4	AC		
	Salem, Mis	2990	10			2	1	0		38	L	6	A		
	Ullin, Mis	3530	20			2	1	0			L	5	A		
		3705	30			3	0	0		38	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	Oev	4750
	Paint Creek, Mis	1944	100			14	0	0					A		
	Bethel, Mis	2501	400			15	0	0		38	S	8			
	Aux Vases, Mis	2600	#			21	0	0		38 0.15	S	20	AL		
	Ohara, Mis	2685	210			17	0	0		39 0.15	S	10	A		
	Spar Mt., Mis	2730	510			13	0	0		38 0.70	L	8	A		
	McClosky, Mis	2775	#			11	0	0		36 0.15	S	6	A		
	St. Louis, Mis	2800	#			20	0	0		34	L	10	A		
	Salem, Mis	3062	60			6	1	0			L	10			
	Ullin, Mis	3285	40			2	0	0			L	29			
		3640	10			1	0	0			L	14			
*Berry, Sangamon, 15N, 3W															
	Devonian	1961	660	2.3	617.5	45	0	0	19					Sil	1964
	Silurian	1743	60			2	0	0		38	S	4			
		1736	660			43	0	0			L	35			
*Berryville C, Wabash, Edwards, Richland, Lawrence, 1-2N, 14W															
	Cypress, Mis	1943	1060	42.8	1940.5	72	4	3	39				M	Mis	3921
	Bethel, Mis	2680	30			2	1	1			S	5			
	Ohara, Mis	2771	10			2	0	0			S	4			
	Spar Mt., Mis	2900	790			16	2	1	39		L	6	MC		
	McClosky, Mis	2850	#			15	0	0			L	12	MC		
	St. Louis, Mis	2890	#			20	0	1	36		L	10			
	Salem, Mis	2960	120			10	0	0			L	4			
	Ullin, Mis	3370	100			7	1	0			L	10			
		3605	20			2	0	0			L	10			
Bessie, Franklin, 6S, 3E															
	Hardinsburg, Mis	1900	390	173.6	1085.9	24	4	1	22					Oev	5042
	Ohara, Mis	2367	20			2	2	0			S	2			
	St. Louis, Mis	2895	10			1	0	0		39 0.15	L	10	MC		
	Ullin, Mis	3159	40			4	1	1			L	26			
		3825	340			18	1	0			L	8			
Black Branch, Sangamon, 15N, 4W															
	Silurian	1967	350	6.1	640.9	26	2	0	18	38	L	10	MU	Sil	1744
Black Branch E +, Sangamon, 15N, 4W															
	Silurian	1969	10	0.0	2.8	1	0	0	0		L	20	MU	Sil	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 Zone	Depth (ft)	
				Ouring 1986	To end of 1986	Completed 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																
		1952	210	15.8	297.8	17	0	0	13					Mis	3225	
	Oegonia, Mis	1865 1952	190			14	0	0		36	S	6				
	Palestine, Mis	1944 1981	10			1	0	0			S	3				
	Renault, Mis	2816 1982	10			1	0	0			S	8				
	McClosky, Mis	2973 1980	10			1	0	0			OL	3				
			ABO 1974, REV 1978													
Blairsville W, Hamilton, 4S, 6-7E																
	Aux Vases, Mis	3250 1948	280	11.3	495.0	19	0	0	8				A	Oev	5605	
	Spar Mt., Mis	3345	190			1	0	0			L	x	AC			
	McClosky, Mis	3405 1951	#			11	0	0		37	L	8	AC			
	Salem, Mis	4170 1981	40			2	0	0			L	10				
	Ullin, Mis	4340 1981	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	
			ABO 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	0	6		Sil	4931	
			ABO 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 1951	10			1	0	0		32	S	8	AL			
	Cypress, Mis	2710 1947	180			18	1	0		35	S	20	A			
	Bethel, Mis	2880 1952	130			10	0	0		37	S	10	A			
	Aux Vases, Mis	3020 1947	180			12	0	0		39	S	14	AL			
	Ohara, Mis	3040 1947	230			14	0	1		36	S	9	AL			
	Spar Mt., Mis	3045 1948	1160			17	1	1		34	L	5	AC			
	McClosky, Mis	3200 1941	#			9	0	1		35	L	5	AC			
			#			31	0	1		38	0.33	L	6	AC		
Bone Gap E, Edwards, 1S, 14W																
	Ohara, 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	
			ABO 1975, REV 1964													
*Boulder +, Clinton, 2-3N, 2W																
	Benoist, Mis	1190 1941	580	0.0	8120.0	55	0	0	0				0	Trn	3813	
			500			33	0	0		37	S	20	0			

(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	
*Boulder +, Clinton, 2-3N, 2W (Continued from previous page)														
	Geneva, Dev Silurian	2630 1941 2700 1963	47D 40			22 1	0 0	0 0	28 40	D.33	D L	7 4	Rd 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														
	Aux Vases, Mis	1512 1956 1600 1980	1060 20	3.1	1833.7	98 2	3 0	0 0	28					Sil 2818
	Spar Mt., Mis	1600 1956	105D			94	2	0	34		S LS	4 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														
	Spar Mt., Mis	2883 1958 2876 1971	100 100	0.2	15.9	6 3	2 0	1 1	2 36					Mis 2950
	McClosky, Mis		#			3	2	0			S L	x 5		
ABD 67, REV 71, ABD 72, REV 81														
*Boyd, Jefferson, 1S, 1-2E														
	Benoist, Mis	2060 1944	1490	7.6	15000.4	128	0	0	40				A	Trn 5400
	Aux Vases, Mis	2130 1944	1450			114	0	0		35 0.14	S	19	A	
	Ohara, Mis	2230 1945	660			48	0	0		37	S	15	A	
	Trenton, Ord	5000 1967	90			24	0	0	39		L	2	AC	
						6	0	0				x		
Brocton, Edgar, 15N, 14W														
	Pennsylvanian	210 1984	10	0.2	D.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														
	McClosky, Mis	3275 1951	390	15.5	387.0	23	0	0	18					Mis 4446
	Salem, Mis	4024 1978	20			11	0	0	37		L	5		
	Ullin, Mis	4190 1977	160			3	0	0			L	35		
						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														
	Tar Springs, Mis	2315 1951 3215 1974	20 10	0.0	0.1	2 1	0 0	0 0	0					Mis 3300
	McClosky, Mis		10			1	0	0	38		S L	7 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														
	Pennsylvanian	1844 1946 2570 1963	900 10	9.5	3011.5	80 1	2 0	0 0	19					Dev 5083
	Cypress, Mis	2950 1977	70			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				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
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								
	St. Louis, Mis	2395 1975	#			2	0	0								
	Salem, Mis	2550 1976	40			3	0	0								
	Devonian	2765 1974	20			2	0	0								
		3820 1973	70			4	0	0	34				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
*Bungay C, Hamilton, 4S, 7E																
	Renault, Mis	1941	3560	77.0	14914.5	278	2	2	85						Dev	5566
	Aux Vases, Mis	3270	560			23	0	0		39		S	10	A		
	Ohara, Mis	3295 1941	2990			213	2	0		39 0.24		S	15	AL		
	Spar Mt., Mis	3335	420			6	0	0				L	8	AC		
	McClosky, Mis	3400 1943	#			4	0	1				L	8	AC		
	Ullin, Mis	3425 1943	#			21	0	1		36 0.24		L	8	AC		
		4190 1959	10			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	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	30			2	0	0								
		3280 1950	#			1	0	0		37		L	6	MC		
												L	3	MC		
*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	#			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			
	Ullin, Mis	3265 1950	#			20	1	0		39		L	5	MC		
		4099 1985	10			1	0	0				L	5			
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 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	
*Calhoun S, Wayne, Richland, Edwards, 1-2N, 9E														
	Aux Vases, Mis	1953	710	19.3	817.2	45	3	0	20	38	L	5	Mis	4152
	Ohara, Mis	1953	30			3	0	0			L	8		
	Spar Mt., Mis	1963	690			7	0	0			L	5		
	McClosky, Mis	1962	#			22	1	0			L	5		
	McClosky, Mis	1961	#			26	2	0		37	OL	6		
	ABD 1953, REV 1961													
Carlinville +, Macoupin, 9N, 7W														
	Pennsylvanian	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	1941	100	0.0	1.9	20	0	0	4	20	0.35	S	10	Trn 1970
	ABO 1954, REV 1982													
Carlinville S, Macoupin, 9N, 7W														
	Pennsylvanian	1958	10	0.0	0.0	1	0	0	0	26	S	x	Pen	1020
	ABO 1964													
*Carlyle, Clinton, 2N, 3W														
	Golconda, Mis	1911	1330	23.4	4400.6	214	0	0	38				A	Stp 4120
	Cypress, Mis	1952	10			7	0	0		35	L	10	AC	
	Cypress, Mis	1911	1320			212	0	0		35	0.26	S	20	AL
Carlyle E, Clinton, 2N, 2W														
	Benoist, Mis	1963	30	0.0	1.5	2	0	0	0	34	S	4	Mis	1245
	ABD 1972, REV 1978, ABO 1985													
*Carlyle N, Clinton, 3N, 3W														
	Benoist, Mis	1950	550	9.4	1025.9	46	0	0	31	34	S	6	AL	Oev 2558
Carlyle S, Clinton, 1N, 3W														
	Cypress, Mis	1951	40	0.4	4.2	5	0	0	3	35	S	4	Mis	1194
	ABO 1983, REV 1982													
*Carmi, White, 5S, 9E														
	Pennsylvanian	1940	350	4.2	425.8	28	2	0	8				M	Mis 3546
	Cypress, Mis		10			1	0	0		32	S	10	ML	
	Aux Vases, Mis		150			11	0	0		38	S	15	ML	
	Spar Mt., Mis	1984	90			8	2	0		37	S	8	ML	
	McClosky, Mis	1940	#			1	0	0		35	OL	3	MC	
	McClosky, Mis	1940	#			8	0	0				6		
	ABO 1949, REV 1952													
*Carmi N, White, 5S, 9E														
	Cypress, Mis	1942	130	9.8	354.7	11	0	0	8				A	Mis 3452
	Benoist, Mis	1954	30			2	0	0		38	S	13	AF	
	Aux Vases, Mis	1942	20			2	0	0		37	S	12	AF	
	Aux Vases, Mis	1942	100			8	0	0		36	0.14	S	14	AF
*Casey, Clark, 10-11N, 14W														
	Pennsylvanian	1906	3070	x	x	524	0	0	236				AM	Trn 2608
	Pennsylvanian		2760			43	0	0		32	S	x	AM	
	Casey, Penn		#			95	0	0		30	S	x	AM	
	St. Louis, Mis		#			375	0	0		35	S	10	AM	
	Carper, Mis		#			0	0	0			L	x	AM	
	Carper, Mis		280			21	0	0		38	S	50	AM	
	SEE CLARK COUNTY DIV. FOR PRODUCTION													
*Centerville, White, 4S, 9E														
	Aux Vases, Mis	1940	260	5.8	576.7	19	0	0	6				A	Mis 4365
	Ohara, Mis	1953	20			2	0	0		37	S	6	AL	
	Spar Mt., Mis		240			6	0	0		38	L	10	AC	
	McClosky, Mis		#			5	0	0			L	8	AC	
	Ullin, Mis	1940	10			8	0	0		37	0.17	OL	4	AC
	Ullin, Mis	1983	10			1	0	0				21		
*Centerville E, White, 3-4S, 9-10E														
	Palestine, Mis	1941	1400	29.2	8729.1	148	3	1	71				A	Oev 5990
	Tar Springs, Mis	1950	20			2	0	0		35	S	3	ALF	
	Hardinsburg, Mis		820			35	0	0		38	0.20	S	24	ALF
	Cypress, Mis	1950	40			1	0	0		36	S	22	ALF	
	Bethel, Mis	1941	660			49	0	0		37	S	6	ALF	
	Aux Vases, Mis	1942	220			20	0	0		38	S	20	ALF	
	Aux Vases, Mis	1942	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			Producing end of year	Character of oil		Pay zone			Deepest test	
				Ouring 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)
*Centerville E, White, 3-4S, 9-10E (Continued from previous page)																
	Ohara, Mis	3175	420			8	1	1		36	OL	5	ACF			
	Spar Mt., Mis	3185	#			2	1	0			LS	6	ACF			
	McClosky, Mis	3230	#			21	3	0		37	OL	7	ACF			
	Salem, Mis	3998	1982	10		1	0	0			L	12				
Centerville N, White, 3S, 10E																
	Bethel, Mis	2990	1947	10	0.0	1	0	0	0	38	S	13	ML	Mis	3332	
				ABD 1948												
Centerville N E, White, 3S, 10E																
	Bethel, Mis	3055	1955	10	0.0	1	0	0	0	38	S	14		Mis	3407	
				ABD 1959												
*Central City, Marion, 1N, 1E																
	Pennsylvanian	826	1964	130	1.4	13	0	0	9	33	S	10		Mis	1942	
*Centralia, Clinton, Marion, 1-2N, 1E, 1W																
			1937	2980	84.8	58324.5	1022	0	4	208			A	Ord	4170	
	Petro, Penn	765	1958	30			4	0	0		S	x	A			
	Cypress, Mis	1200		1530			57	0	0	37	0.20	S	12	A		
	Benoist, Mis	1355	1937	2510			577	0	4	38	0.17	S	20	A		
	Devonian	2870	1939	2610			320	0	0	40	0.38	L	9	A		
	Trenton, Ord	3930	1940	1100			59	0	0	40		L	22	A		
Centralia W, Clinton, 1N, 1W																
			1940	90	0.6	426.1	10	0	0	1			A	Oev	3021	
	Cypress, Mis	1308	1960	10			1	0	0	35		S	4	A		
	Benoist, Mis	1440	1940	90			9	0	0	38	0.17	S	9	A		
Chesterville, Douglas, 15N, 7E																
	Spar Mt., Mis	1780	1956	50	0.4	37.8	5	0	0	1	39	LS	8	ML	Mis	1829
*Chesterville E, Douglas, 14-15N, 7-8E																
	Spar Mt., Mis	1720	1957	400	0.0	1164.4	41	0	0	0	39	S	10	AC	Mis	1785
				ABD 1974												
Christopher S, Franklin, 7S, 1E																
			1964	30	0.0	9.9	3	0	0	0				Mis	2820	
	Aux Vases, Mis	2620	1964	30			3	0	0	38		S	8			
	Ohara, Mis	2690	1964	10			1	0	0	37		L	10			
				ABD 1969												
Claremont+, Richland, 3N, 14W																
			1950	120	0.0	20.2	9	0	0	0				Mis	4065	
	Spar Mt., Mis	3200	1950	120			6	0	0			S	5			
	McClosky, Mis	3218	1969	#			3	0	0			L	4			
				ABO 1971												
Clark County Div, Clark, Coles, Crawford, Cumberland, Jasper																
			1900	27400	329.5	88899.4	6250	125	8	2006						
				INCLUDES BELLAIR CASEY JOHNSON N,S MARTINSVILLE, SIGGINS, WESTFIELO, YORK												
*Clarksburg, Shelby, 10N, 4E																
			1946	110	14.9	144.2	12	1	0	9				Oev	3206	
	Bethel, Mis	1779	1981	10			1	0	0			S	9			
	Aux Vases, Mis	1770	1946	100			11	1	0	36		S	6	A		
*Clay City C, Clay, Wayne, Richland, Jasper, 1-7N, 1-2S, 6-11E																
			1937	107880	2963.4	341378.9	7765	121	54	3052				A	PC	11614
	Waltersburg, Mis	2175	1952	20			2	0	0	36		S	6	AL		
	Tar Springs, Mis	2560	1949	130			8	0	0	38		S	15	AL		
	Cypress, Mis	2635	1937	9180			659	9	3	36		S	15	AL		
	Bethel, Mis	2800		450			36	2	1	39		S	15	AL		
	Aux Vases, Mis	2940	1942	34600			2392	28	19	38		S	15	AL		
	Ohara, Mis	3020		73420			320	11	3	38		OL	5	AC		
	Spar Mt., Mis	3030		#			772	4	7	38		LS	8	AC		
	McClosky, Mis	3050	1937				3563	37	13	39		OL	10	AC		
	St. Louis, Mis	3025	1949	3870			327	7	2	38		L	3	A		
	Salem, Mis	3590	1950	12390			805	42	11	39		L	10	A		
	Ullin, Mis	3600	1952	660			55	7	0	40		L	17	A		
	Carper, Mis	3806	1979	80			5	0	0			S	6			
	Devonian	4350	1949	140			9	0	0	39		L	10	A		

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				
				Ouring 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	1957 2380 1957	40	0.0	15.0	2	0	0	0	38	S	7	Mis	2625		
	Spar Mt., Mis	2470 1957	40			2	0	0			LS	7				
	McClosky, Mis	2540 1957	20			1	0	0		38	L	5				
			#			1	0	0			L	5				
			ABO 1965													
*Coil, Wayne, 1S, 5E																
	Aux Vases, Mis	1942 2910 1942	560	17.8	3360.0	40	0	0	25	39 0.12	S	10	A	Mis	3756	
	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			L	14				
*Coil W, Jefferson, 1S, 4E																
	Aux Vases, Mis	1942 2720 1944	630	21.4	1450.5	57	0	0	26	39	S	15	A	Mis	3751	
	Ohara, Mis	2790 1942	180			15	0	0			L	7	AL			
	Spar Mt., Mis	2805	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	2177	
			ABO 1921													
*Colmar-Plymouth, Hancock-McDonough, 4-5N, 4-5W																
	Hoing, Oev	450 1914	2560	1.2	5150.7	512	0	0	75	35 0.38	S	14	AL	Shk	1095	
Comer, Macoupin, 10N, 8W																
	Pennsylvanian	444 1982	10	0.0	0.0	1	0	1	0		S	8		Pen	524	
			ABO 1986													
*Concord C, White, 6S, 10E																
	Tar Springs, Mis	1942 2270 1943	2290	61.1	9030.6	213	2	2	88		S	11	A	Oev	5313	
	Hardinsburg, Mis	2510 1954	350			26	0	0	36		S	7	AL			
	Cypress, Mis	2625 1944	350			30	0	0	36		S	7	A			
	Aux Vases, Mis	2905 1942	270			19	0	0	37		S	10	AL			
	Ohara, Mis	2930 1943	710			53	1	0	36 0.15		S	14	AL			
	Spar Mt., Mis	3035	#			3	1	0			L	8	AC			
	McClosky, Mis	2990	#			4	1	0			L	8	AC			
	St. Louis, Mis	3370 1976	250			56	0	1	37		L	10	AC			
	Salem, Mis	3790 1981	10			18	0	1			L	7				
	Ullin, Mis	3900 1975	530			1	0	0			L	8				
						30	1	0			L					
*Concord E C, White, 6-7S, 10E																
	Oegonia, Mis	1942 1900 1984	470	8.0	923.2	43	0	0	16		S	6	A	Mis	3223	
	Waltersburg, Mis	2140	10			1	0	0			S	10	A			
	Tar Springs, Mis	2175	40			4	0	0	33		S	4	A			
	Cypress, Mis	2540	80			6	0	0	36		S	6	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	37		S	5	AC			
			#			4	0	0			L	2	AC			
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E																
	Cypress, Mis	1941 1600 1955	3230	7.1	3160.3	260	0	0	74		S	20	A	Trn	3840	
	Aux Vases, Mis	1765 1941	10			1	0	0	39		S	15	A			
	Spar Mt., Mis	1800 1946	10			2	0	0	37		S	9	A			
			3170			253	0	0	37		S	9	A			

(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			
	Name and age	Depth (ft)			Ouring 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)
*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		S	5			
	Devonian	2867	1963	40				5	0	0	37		L	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	80				2	0	0		38	L	10			
	McClosky, Mis	3075	1984	#				2	0	0		38	L	10			
				#				1	0	0			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	
																ABO 1960	
Corinth S, Williamson, 9S, 4E																	
	Cypress, Mis	2350	1972	10	0.2	9.4		1	0	0	1		S	8		Mis 2820	
																ABO 1975	
Cottage Grove, Saline, 9S, 7E																	
	Ohara, Mis	2770	1955	10	0.0	12.5		1	0	0	0 38		L	20		Mis 2977	
																ABO 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 5300	
	McClosky, Mis	3310	1943	640				2	0	2			L	6		Oev	
	St. Louis, Mis	3361	1962	#				27	1	2		36 0.18	L	5		AC	
	Ullin, 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, ABO 1967	
Cravat, Jefferson, 1S, 1E																	
	Benoist, Mis	2070	1939	120	0.2	388.7		11	0	0	6 34 0.23		S	10	A	Oev 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				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
Cravat W, Jefferson, 1S, 1E																
	Pennsylvanian	1956	140	0.3	144.6	15	0	0	14	32			Mis	2390		
	Bethel, Mis	1045 1956 2070 1960	130 10			14 1	0 0	0 0			S S	10 10				
Crossville, White, 4S, 10E																
	Bethel, Mis	1946	130	0.0	19.5	13	0	0	1	38	S	9	M	Mis	4135	
	Aux Vases, Mis	2880 1948	40			3	0	0		37	S	20	ML			
	Ohara, Mis	3030 1956	30			3	0	0			S	3	ML			
	Ohara, Mis	3100	100			1	0	0			L	3	MC			
	McClosky, Mis	3120 1946	#			5	0	0		38	L	5	MC			
	Salem, Mis	3640 1982	10			1	0	0			L	14				
					ABD 52, REV 56, ABD 58, REV 81											
*Crossville W, White, 4S, 10E																
	Cypress, Mis	1952	300	4.1	403.1	28	1	0	11		S	18	M	Mis	4225	
	Aux Vases, Mis	2810 1973	10			1	0	0			S	8				
	Ohara, Mis	3030 1952	160			11	0	0		37	S	8	ML			
	Ohara, Mis	3110 1958	160			1	0	0		37	L	8	M			
	Spar Mt., Mis	3150 1958	#			3	0	0			L	8	M			
	McClosky, Mis	3185 1956	#			11	0	0		38	L	8	MC			
	Salem, Mis	3985 1983	60			4	0	0			L	4				
	Ullin, Mis	4110 1983	80			6	1	0			L	10				
					ABD 1953, REV 1956, ABD 1975, REV 1982											
Dahlgren, Hamilton, 3S, 5E																
	McClosky, Mis	1941	620	1.0	1224.5	45	0	0	2	37	0.16	L	11	A	Dev	5299
	Ullin, Mis	3300 1941 4110 1956	620 10			44 1	0 0	0 0				L	15	A		
Dahlgren S, Hamilton, 4S, 5E																
	Salem, Mis	1982	20	1.2	9.7	2	0	0	2			L	17		Mis	4366
	Ullin, Mis	3836 1982 4258 1982	10 10			1 1	0 0	0 0				L	13			
Dahlgren S W, Jefferson, 4S, 4E																
	Ullin, Mis	1983	10	0.0	0.5	1	0	1	0			L	16		Mis	4585
					ABD 1986											
Dahlgren W, Jefferson, 4S, 4E																
	Ullin, Mis	1960	30	0.0	32.3	3	0	0	0	38		L	6		Dev	5245
					ABD 1966, REV 1980, ABD 1985											
*Dale C, Franklin, Hamilton, Saline, 5-7S, 4-7E																
	Tar Springs, Mis	1940	19420	300.5	102425.6	1764	9	5	256				A	PC	13051	
	Hardinsburg, Mis	2430 1943	480			41	0	0		36	S	25	A			
	Cypress, Mis	2480	120			12	0	0		38	S	10	A			
	Bethel, Mis	2700 1940	1580			127	0	0		39	S	15	A			
	Renault, Mis	2975	3480			286	0	0		38	0.19	S	18	A		
	Aux Vases, Mis	3245 1984	10			1	0	0				S	6			
	Ohara, Mis	3150 1945	17180			1351	4	3		37	0.15	S	20	A		
	Spar Mt., Mis	3130	4090			114	0	1		38	0.22	L	10	A		
	McClosky, Mis	3150 1940	#			16	0	0		38		LS	7	A		
	St. Louis, Mis	3163 1965	290			164	0	1		36	0.19	L	7	A		
	Salem, Mis	3991 1980	670			27	1	0		39		L	x			
	Ullin, Mis	4168 1978	330			44	2	0				L	6			
						23	2	0				L	10			
Dawson, Sangamon, 16N, 3W																
	Silurian	1971	240	7.7	229.5	17	0	2	14			L	10	MU	Si1	1800
					ABD 1972, REV 1982											
Decatur, Macon, 16-17N, 2E																
	Silurian	1953	240	0.3	16.8	18	0	1	11	37		L	7	MU	Ord	2800
					ABD 1959, REV 1983											
Decatur N, Macon, 17N, 3E																
	Silurian	1954	10	0.0	0.1	1	0	0	0	38		L	10	MU	Si1	2240
					ABD 1955											
*Deering City, Franklin, 7S, 3E																
	Aux Vases, Mis	1957	130	3.5	347.3	10	0	0	8	38		S	20		Dev	5000
	Ohara, Mis	2810 1957	80			6	0	0				S	4			
	McClosky, Mis	2851 1985	40			1	0	0				S	4			
	Ullin, Mis	2913 1963	30			2	0	0		34		OL	4			
		3748 1985	10			1	0	0				L	13			

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
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	
Oivernon, Sangamon, 13N, 5W															
Silurian		1643 1982	340	6.8	183.3	18	0	0	17		L		U	Ord	2200
*Oivide C, Jefferson, 1S, 3-4E															
Aux Vases, Mis		1943 2620 1947	5420 170	286.7	12693.1	375 11	16 0	3 0	202	38	S	10	A	Dev	4700
Ohara, Mis		2700 1944	2870			8 0	0 0	0 0			L	10	AL		
Spar Mt., Mis		2700 1945	#			24 4	0 0	0 0		38	LS	6	A		
McClosky, Mis		2750 1943	#			177 8	2 2	0 0		37 0.21	L	6	AC		
St. Louis, Mis		2840 1955	450			45 4	1 1	0 0		37	L	7	AC		
Salem, Mis		3190 1960	2770			181 9	1 1	0 0		37	L	10	AC		
Ullin, Mis		3502 1981	10			1 0	0 0	0 0			L	10	AC		
Divide S, Jefferson, 2S, 3-4E															
McClosky, Mis		1948 2880 1948	310 300	0.0	498.9	17 16	0 0	0 0	2	37	L	5	Mis	3935	
St. Louis, Mis		2990 1984	10			1 0	0 0	0 0			L	8			
Oix S, Jefferson, 1S, 2E															
Benoist, Mis		1941 1950 1941	230 20	66.6	136.5	20 2	4 0	0 0	18	35	S	8	A	Mis	5036
Renault, Mis		2049 1985	20			2 0	0 0	0 0			S	4	A		
Spar Mt., Mis		2144 1985	120			5 2	0 0	0 0			S	8			
McClosky, Mis		2253 1985	#			5 2	0 0	0 0			L	10			
Salem, Mis		2438 1985	80			7 0	0 0	0 0			L	10			
ABO 1946, REV 1985															
*Oollville, Shelby, 12N, 2E															
Bethel, Mis		1509 1961	310	30.8	110.4	20	2	0	16	37	S	4	Mis	1800	
Dubois Cen, Washington, 3S, 1W															
Benoist, Mis		1954 1335 1955	140 110	4.0	287.7	13 12	1 0	0 0	7	30	S	12	Oev	3100	
Spar Mt., Mis		1530 1954	80			4 1	0 0	0 0		35	L	8			
*Dubois C, Washington, 3S, 1-2W															
Cypress, Mis		1939 1230 1947	1570 500	28.8	2607.4	132 44	0 0	0 0	88	37	S	10	A	Knox	5504
Benoist, Mis		1325 1939	490			43 0	0 0	0 0		30 0.26	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	
*Oudley, Edgar, 13-14N, 13W															
Upper Oudley, Penn		1948 310	900	57.9	2844.3	129 24	0 0	0 0	113	25	S	20	M	Stp	2997
Lower Oudley, Penn		410	#			105 0	0 0	0 0		24	S	50	ML		
Oudleyville E, Bond, 4-5N, 2-3W															
Oevonian		2370 1954	20	0.0	2.8	2	0	0	0	37	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	33	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 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		
Eberle, Effingham, 6N, 6E																
(Continued from previous page)																
	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, Oev	1810	1949	10	0.0	2.3	1	0	0	0	38		LS	2	A	Oev 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																
	Oevonian	1660	1954	2120	20.6	3288.1	153	0	0	91				A	Ord 2285	
	Silurian	1690	1954	270			24	0	0		41		S	6	A	
				1880			131	0	0		41		L	8	A	
Elba, Gallatin, 8S, 8E																
	Cypress, Mis	2617	1955	250	1.5	47.7	15	0	0	2					Mis 3000	
	Bethel, Mis	2660	1958	10			1	0	0		37		S			
	Renault, Mis	2770	1955	80			3	0	0		36		S	10		
	Aux Vases, Mis	2780		10			1	0	0		36		L	3		
	Ohara, Mis	2820	1955	120			5	0	0		38		S	5		
				80			5	0	0		38		L	11		
ABD 1960, REV 1980																
*Elbridge, Edgar, 12-13N, 11W																
	Pennsylvanian	760	1949	440	4.2	15463.1	40	0	0	19					Rd Trn 3300	
	Fredonia, Mis	950	1950	10			2	0	0		30		S	3	Rd	
	Oevonian	1950	1949	430			37	0	0		35		L	3	Rd	
				20			2	0	0		37		L	20	Rd	
*Eldorado C +, Saline, 8S, 6-7E																
	Degonia, Mis	1700	1941	3940	58.5	12508.7	319	5	0	116				A	Mis 4004	
	Palestine, Mis	1920	1976	40			3	0	0		36		S	16		
	Waltersburg, Mis	2125	1950	500			34	1	0		38		S	20	AL	
	Tar Springs, Mis	2200	1954	1960			147	0	0		37		S	25	AL	
	Hardinsburg, Mis	2350	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	530	1953	640	8.4	477.9	46	3	0	20				A	Mis 4183	
	Palestine, Mis	1915	1981	80			6	3	0		36		S	8		
	Tar Springs, Mis	2190	1954	30			2	0	0		35		S	10	AL	
	Cypress, Mis	2515	1954	40			3	0	0		37		S	10	AL	
	Aux Vases, Mis	2885	1954	170			11	0	0		38		S	20	AL	
	Ohara, Mis	2918	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	1940	1955	350	17.1	313.2	27	0	0	21					Mis 3165	
	Renault, Mis	2910	1956	80			8	0	0		30		S	18		
	Aux Vases, Mis	2960	1955	30			3	0	0		37		L	6		
	Ohara, Mis	2966	1955	150			11	0	0		38		L	6		
	Spar Mt., Mis	2994	1982	150			3	0	0				L	4		
	McClosky, Mis	3031	1982	#			3	0	0				S	13		
							2	0	0				L	10		
Elk Prairie, Jefferson, 4S, 2E																
	Spar Mt., Mis	2775	1938	230	227.6	636.0	16	9	0	14					Oev 4600	
	McClosky, Mis	2735	1984	230			12	8	0				S	5		
	Salem, Mis	3076	1938	#			4	1	0		37		L	7		
			1960	10			1	0	0		37		L	8		
ABO 40, REV 60, ABO 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				
				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
Enfield S, White, 6S, 8E																
	Aux Vases, Mis	1961	70	5.0	22.6	7	0	0	5	39	S	2	Mis	4404		
	Spar Mt., Mis	1961	50			4	0	0			S	5				
	McClosky, Mis	1961	10			1	0	0			S	6				
	McClosky, Mis	1961	50			4	0	0			L	6				
	ABD 1963, REV 1980															
Erwin, Schuyler, 2N, 3W																
	Silurian	1983	50	0.5	1.0	3	2	0	3		L	9	Ord	920		
Evers, Effingham, 8N, 7E																
	Spar Mt., Mis	1948	80	0.5	132.8	6	0	0	2	39	L	7	AL	Ord	5370	
	McClosky, Mis	1948	70			3	0	0			L	4	AL			
	Salem, Mis	1975	10			2	0	0			L	4	AC			
	Salem, Mis	1975	10			1	0	0			L	4				
	ABD 1949, REV 1953															
Evers S, Effingham, 7N, 7E																
	Spar Mt., Mis	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	220	0.9	552.0	12	0	0	2	38	S	8	AL	Mis	3951	
	Spar Mt., Mis	1947	40			3	0	0			S	10	A			
	McClosky, Mis	1944	10			1	0	0			S	7				
	St. Louis, Mis	1981	10			1	0	0			L	5				
	Ullin, Mis	1981	40			1	0	0			L	6				
	ABD 1971, REV 1976															
Ewing E, Franklin, 5S, 3E																
	Ohara, Mis	1956	560	101.0	1011.3	43	5	0	38	38	L	10		Ord	9511	
	St. Louis, Mis	1976	10			1	0	0			L	8				
	Salem, Mis	1978	60			5	1	0			L	14				
	Ullin, Mis	1976	590			6	2	0			L	6				
	Ullin, Mis	1976	590			34	3	0			L	6				
Exchange, Marion, 1N, 3E																
	Ohara, Mis	1943	780	29.6	507.1	54	0	0	46	37	L	10	M	Sil	4908	
	Spar Mt., Mis	1983	60			23	0	0			S	5	MC			
	McClosky, Mis	1943	10			1	0	0			L	8	MC			
	St. Louis, Mis	1978	620			4	0	0			L	5				
	Salem, Mis	1975	220			16	0	0			L	5				
	Salem, Mis	1975	220			19	0	0			L	15				
	ABD 1967, REV 1975															
*Exchange E, Marion, 1N, 4E																
	Ohara, Mis	1955	280	1.4	583.7	21	0	1	5		L	14		Oev	4644	
	Spar Mt., Mis	1955	230			1	0	0			S	11				
	McClosky, Mis	1955	10			8	0	0			L	4				
	St. Louis, Mis	1955	20			6	0	1			L	8				
	Salem, Mis	1982	30			2	0	0			L	10				
	Salem, Mis	1982	30			3	0	0			L	10				
*Exchange N C, Marion, 1N, 3-4E																
	Spar Mt., Mis	1951	430	11.7	950.1	39	0	0	27		L	3	MC	Sil	4900	
	McClosky, Mis	1967	330			6	0	0			L	6	MC			
	St. Louis, Mis	1951	10			25	0	0			L	6	MC			
	St. Louis, Mis	1972	40			5	0	0			L	6	MC			
	Salem, Mis	1967	100			9	0	0			L	11	MC			
	ABO 1952, REV 1955, ABD 1959, REV 1965															
*Exchange W, Marion, 1N, 3E																
	Ohara, Mis	1957	320	5.8	306.7	26	0	0	8		L	7		Mis	3309	
	Spar Mt., Mis	1966	230			1	0	0			S	6				
	McClosky, Mis	1957	10			10	0	0			L	6				
	St. Louis, Mis	1967	160			11	0	0			L	11				
	Salem, Mis	1983	30			9	0	0			L	4				
	Salem, Mis	1983	30			1	0	0			L	4				
*Fairman, Marion, Clinton, 3N, 1E, 1W																
	Benoist, Mis	1939	610	7.4	2175.5	62	0	0	19	38	0.27	S	10	A	Ord	4100
	Trenton, Ord	1957	480			44	0	0			L	20	A			
	Trenton, Ord	1957	300			19	0	0			L	20	A			

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)
					Ouring 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	
*Friendsville N, Wabash, 1N, 12-13W (Continued from previous page)															
	Ohara, Mis	2485	1984	100			6	0	0			L		5	
	Spar Mt., Mis	2555	1984	#			1	0	1			S		6	
	McClosky, Mis	2500	1984	#			3	1	0			OL		3	
Frogtown, Clinton, 2N, 3-4W															
	Cypress, Mis	950	1918	90	0.0		14	0	0	0	32	S		ML	Trn 3290
				ABD 1933,	REV 1949,	x	ABO 1956								
*Frogtown N, Clinton, 2-3N, 3-4W															
	St. Louis, Mis	1200	1951	440	8.6	2189.0	37	0	0	21	35	L	10	R	Sil 2456
	Devonian	2210	1951	60			5	0	0		35	L	8	Rd	
	Silurian	2240	1951	410			11	0	0			L		Rd	
				x			32	0	0			L		R	
Galatia N, Saline, 7S, 5E															
	Aux Vases, Mis	3216	1980	60	4.5	61.5	4	0	0	4		S			Mis 4544
	Spar Mt., Mis	3391	1980	50			3	0	0			S	5		
				10			1	0	0			S	6		
**Gards Point C, Wabash, 1N, 14W															
	Ohara, Mis	2870	1951	1340	32.7	1338.6	79	0	0	57	40	L	6	MC	Mis 4205
	Spar Mt., Mis	2880	1951	1000			56	0	0			S	6		
	McClosky, Mis	2905	1976	#			1	0	0			OL	4		
	Salem, Mis	3375	1980	390			25	0	0			L	8		
	Ullin, Mis	3698	1975	10			1	0	0			L	8		
Gays, Moultrie, 12N, 6E															
	Aux Vases, Mis	1970	1946	100	4.4	127.0	8	0	1	2	36	S	5	M	Oev 3305
	Carper, Mis	2963	1963	80			5	0	0		37	S	16	ML	
	Devonian	3205	1955	20			2	0	1		38	L	3	MC	
				30			2	0	0			L			
				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	Sil 4500
Gillespie-Wyen, Macoupin, 8N, 6W															
	Pennsylvanian	650	1915	90	1.6		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	Sil 1821
				ABO 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	36	S	8	A	Dev 5522
	Bethel, Mis	3110	1960	100			5	0	0		37	S	11	HL	
	Aux Vases, Mis	3180	1951	390			24	1	0		40	S	15	AL	
	Ohara, Mis	3250	1944	4100			232	8	0	0	0.14	OL	6	AC	
	Spar Mt., Mis	3275	1943	6020			82	0	0		39	LS	7	AC	
	McClosky, Mis	3310	1939	#			116	2	0		38	LS	7	AC	
	St. Louis, Mis	3430	1952	90			230	8	2		36	OL	7	AC	
	Salem, Mis	4130	1975	480			7	0	0		40	L	10	HL	
	Ullin, Mis	4125	1961	480			34	1	0		39	L	30		
	Outch Creek, Oev	5346	1961	360			31	3	0		39	L	9	A	
							17	0	0		39	S	9	A	
Goldengate E, Wayne, 3S, 9E															
	Ohara, Mis	3290	1951	80	4.8	51.0	6	0	0	4	37	L	3		Mis 4290
	Spar Mt., Mis	3340	1951	80			2	0	0			S	4		
	McClosky, Mis	3360	1976	#			1	0	0			OL	5		
				#			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	38	S	3	M	Mis 4750
	Renault, Mis	3220	1952	10			2	0	0			S	36	ML	
	Aux Vases, Mis	3235	1984	10			1	0	0		39	S	25	ML	
				710			59	3	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				
				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
*Goldengate N C, Wayne, 1-2S, 8-9E												(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				
Grandview +, Edgar, 12-13N, 13W																
	Pennsylvanian	560 1945	100	0.3	10.3	10	0	0	8	30	S	10	M	Ord	2694	
Grantfork, Madison, 5N, 5W																
	Devonian	2000 1984	10	0.3	2.2	1	0	0	1		L	6		Sil	2400	
Grayson, Saline, 8S, 7E																
	Tar Springs, Mis	1957 2200 1983	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	1981 2920 1957	10			1	0	0		38	L	4				
	McClosky, Mis		50			1	0	0			S	4				
			#			3	0	0		37	L	6				
			ABO 1972, REV 1981													
Greenville Gas +, Bond, 5N, 3W																
	Lingle, Oev	2240 1957	10	0.0	0.0	1	0	0	0	38	L	5	A	Trn	3184	
			ABD 1958													
Griggsville, Pike, 4S, 3W																
	Silurian	400 1983	10	0.0	0.0	1	0	1	0		L	6		Ord	820	
			ABD 1986													
Hadley, Richland, 4N, 14W																
	Spar Mt., Mis	1976 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								
*Half Moon, Wayne, 1S, 9E																
	Aux Vases, Mis	1947 3190 1951	1270	1.7	3306.4	69	0	0	17		S	18	M	Oev	5369	
	Ohara, Mis	3280	20			1	0	0		38	S	11	ML			
	Spar Mt., Mis	3280 1947	1240			39	0	0		40	L	4	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				
Half Moon E, Edwards, 1S, 10E																
	McClosky, Mis	3375 1982	10	0.0	0.0	1	0	0	1		L	4		Mis	3465	
*Harco +, Saline, 8S, 5E																
	Waltersburg, Mis	1954 2183 1985	1460	175.8	2324.2	124	10	0	64		S	6		Knox	8729	
	Tar Springs, Mis	2290 1984	130			11	8	0			S	8				
	Hardinsburg, Mis	2330 1956	240			22	5	0		36	S	6				
	Cypress, Mis	2618 1959	30			1	0	0		38	S	8				
	Sample, Mis	2675 1954	60			5	1	0		39	S	8				
	Aux Vases, Mis	2860	30			4	0	0		41	S	15				
	Ohara, Mis	2965 1956	1000			76	0	0			L	10				
	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				
*Harco E +, Saline, 8S, 5E																
	Cypress, Mis	1955 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	8				
			40			4	0	0		39	L	14				
*Harrisburg +, Saline, 8S, 6E																
	Waltersburg, Mis	1952 2020 1955	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													
Harrisburg S, Saline, 9S, 6E																
	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 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
Hidalgo N, Cumberland, 9N, 9E																
	Spar Mt., Mis	1946	300	2.2	97.2	21	4	1	14					Mis	3252	
	McClosky, Mis	2655 1946	300			11	0	0		37	S	12				
		2676 1959	#			13	4	1		37	OL	9				
Hidalgo S, Jasper, 8N, 10E																
	Aux Vases, Mis	1964	2970	56.9	858.2	181	8	3	148					Dev	4231	
	Spar Mt., Mis	2680 1981	10			1	0	0			S	6				
	McClosky, Mis	2660 1981	2970			21	0	0			S	34				
	St. Louis, Mis	2628 1964	#			162	8	3		37	O	4				
		2721 1986	10			1	1	0			L	3				
			ABD 1973, REV 1978													
Highland, Madison, 4N, 5W																
	Hardin, Dev	1941 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	2530 1978	20			2	0	0			S	8				
	McClosky, Mis	2547 1977	80			2	0	0			S	4				
		2565 1943	#			4	0	0		39	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					Oev	4500	
	Aux Vases, Mis	2460 1955	290			26	0	0		37	S	8				
	Spar Mt., Mis	2650 1957	10			1	0	0		37	S	10				
	McClosky, Mis	2660 1954	260			2	0	0			L	5				
	St. Louis, Mis	2700 1954	#			10	0	0		40	L	7				
		2929 1966	10			1	0	0			O	14				
Hillsboro, Montgomery, 9N, 3W																
	Lingle, Oev	2012 1962	30	0.0	0.2	3	0	0	0	36	S	4		Oev	2153	
			ABO 1967													
Hoffman, Clinton, 1N, 2W																
	Cypress, Mis	1939	360	7.6	896.4	54	0	0	31					Dev	2914	
	Benoist, Mis	1190 1939	190			16	0	0		36	S	11	A			
		1320 1939	240			39	0	0		33 0.21	S	7	A			
Holliday, Fayette, 9N, 3E																
	Oevonian	3150 1977	10	0.0	0.0	1	0	0	0		S	6		Oev	3237	
			ABD 1978													
Hoodville E, Hamilton, 5S, 7E																
	McClosky, Mis	3365 1944	40	0.0	0.6	2	0	0	0	37	L	3	A	Mis	4461	
			ABO 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	2702 1959	120			9	2	1		38	S	10	M			
		2800 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	2430 1958	40			3	0	0		33	S	14				
		2633 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	2735 1955	70			4	0	0		37	S	8	A			
		2790 1942	390			27	0	0		36	L	7	AC			
			ABD 1945, REV 1951													
Hornsby Nw, Macoupin, 9N, 6W																
	Pennsylvanian	587 1980	20	0.0	0.0	2	0	0	2		S	30		Pen	666	
Hornsby S, Macoupin, 8N, 6W																
	Pennsylvanian	640 1956	60	0.0	0.0	5	1	1	0	28	S	1		Pen	715	
			ABO 1957, REV 1959, ABD 1960, REV & ABO 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, Oev	2895 1955	10 ABO 1964	0.0	3.7	1	0	0	0	39	0	12	U	Sil	2965
Huey, Clinton, 2N, 2W															
	Benoist, Mis	1260 1945	120 ABO 1974, REV 1982	0.0	7.7	10	0	0	3	34	S	6	AL	Oev	2851
Huey S, Clinton, 1-2N, 2-3W															
	Cypress, Mis	1080 1953	310	2.3	297.0	23	0	0	11					Sil	2675
	Silurian	2585 1956	190 110			17	0	0	34		S	5			
						6	0	0	40		L	10			
Hunt City, Jasper, 7N, 10E															
	Spar Mt., Mis	2540 1945	60	1.4	10.6	6	1	1	4	37	S	10	ML	Mis	3020
	McClosky, Mis	2525 1980	60 #			2	0	1			OL	33			
			ABO 1950, REV 1980			4	1	0							
Hunt City E, Jasper, 7N, 14W															
	Aux Vases, Mis	1634 1986	850	171.1	602.4	62	22	1	53		S	5		Sil	3660
	Ohara, Mis	1840 1984	10			1	1	0			L	3			
	Spar Mt., Mis	1958 1985	120			8	1	0			S	8			
	Fredonia, Mis	2000 1952	40			7	3	0			L	6			
	St. Louis, Mis	2187 1966	650			46	17	1	40		L	20			
			10			1	0	0	39		0				
			ABO 1954, REV 1965												
Hunt City S, Jasper, 7N, 14W															
	Spar Mt., Mis	2392 1980	110	0.2	25.6	7	0	0	3		S	6		Oev	4024
	McClosky, Mis	2341 1966	30 #			1	0	0			L	4			
			#			6	0	0	38						
Hutton, Coles, 11N, 10E															
	Pennsylvanian	530 1939	20 ABO 1946	0.0	1.9	2	0	0	0	30	S	15		Ord	3437
Illioipolis, Sangamon, 16N, 2W															
	Silurian	1765 1977	60	0.8	17.0	2	0	0	2		L	3		Sil	1823
*Ina, Jefferson, 4S, 2-3E															
	Renault, Mis	2725 1954	430	0.0	749.4	28	0	0	0		S	14	A	Oev	4630
	Aux Vases, Mis	2682 1958	150			7	0	0	36		S	26	AL		
	Spar Mt., Mis	2775 1957	30			3	0	0	36		S	10	A		
	McClosky, Mis	2775 #	110			3	0	0			S	10	A		
	St. Louis, Mis	3000 1938	#			4	0	0	35		L	10	A		
	Salem, Mis	3210 1957	90			8	0	0	37	0.20	L	4	AC		
			40			4	0	0	37		L	9	A		
			ABO 1946, REV 1954, ABO 1977												
Ina N, Jefferson, 4S, 3E															
	McClosky, Mis	2940 1949	10 ABO 1950	0.0	0.7	1	0	0	0	35	L	4		Mis	3689
Inclose +, Edgar, Clark, 12N, 13-14W															
	Isabel, Penn	345 1941	110	0.3	3.5	15	0	0	4	30	S		AL	Oev	1604
*Ingraham C, Clay, 4N, 8E															
	Tar Springs, Mis	2332 1942	2360	59.0	4999.2	172	1	1	67		S	8	M	Dev	4844
	Aux Vases, Mis	2920 1969	10			1	0	0			S	10	ML		
	Ohara, Mis	3015 1982	360			29	1	1	38		S	5			
	Spar Mt., Mis	3000 #	2130			2	0	0			L	7	MC		
	McClosky, Mis	3075 1942	#			61	0	0	37	0.21	L	8	MC		
	Salem, Mis	3500 1981	50			85	0	0	37	0.21	L	7	MC		
			5			5	0	0			L	6			
			ABO 42, REV 43, ABO 44, REV 50, ABO 68, REV 69												
*Inman E C, Gallatin, 7-8S, 10E															
	Pennsylvanian	780 1940	5080	77.7	22840.5	487	17	8	175		S	10	A	Oev	5100
	Pennsylvanian	1450	110			7	1	0	38		S	4	AF		
	Oegonia, Mis	1690	#			3	0	0			S	10	AF		
	Clore, Mis	1725 1942	90			4	0	0	37		S	8	AF		
	Palestine, Mis	1840 1942	50			6	0	0	36		S	13	AF		
	Waltersburg, Mis	1980 1942	90			4	0	0	35		S	18	AF		
	Tar Springs, Mis	2080 1940	1280			95	7	8	37		S	13	AF		
			1880			162	2	0	37	0.24	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 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 percent	Zone
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				M	Oev	4590
	Ohara, Mis	2650 1960	40			3	0	0		S	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 1947	#			41	3	0	39	L	10		MC		
	Salem, Mis	2999 1952	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					Oev	4504
	Ohara, Mis	2705 1985	10			1	1	0		S	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					Ord	1390
	McClosky, Mis	272 1910	100			11	1	0	37	LS	5		ML		
	St. Louis, Mis	304 1972	10			1	0	0		L	29				
	Salem, Mis	294 1985	30			3	3	0		L	10				
			20			2	0	0		L	19				
ABO 1937, REV 1967, ABO 1969, REV 1972															
*Johnson N, Clark, 9-10N, 14W															
	Kickapoo, Penn	315 1907	2510	x	x	669	3	0	301				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	1	0		S	10				
	McClosky, Mis	556	80			0	0	0	35	OL	6		AM		
	Carper, Mis	1325	300			12	0	0	37	S	x		AM		
	Oevonian	1720 1973	10			1	0	0		L	45				
	Trenton, Ord	2900 1977	180			4	0	0		L	60				
SEE CLARK COUNTY OIV. FOR PRODUCTION															
*Johnson S, Clark, 9N, 14W															
	Claypool, Penn	390 1907	2080	x	x	714	0	0	209				AM	Oev	2460
	Casey, Penn	450	2060			40	0	0		S	60		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		
	Oevonian	1920 1975	20			1	0	0		S	22				
						1	0	0		L	x				
SEE CLARK COUNTY OIV. FOR PRODUCTION															
*Johnsonville C, Wayne, 1N, 1S, 6-7E															
	Bethel, Mis	2950 1940	9600	124.2	55247.7	533	1	0	215				A	Trn	6460
	Aux Vases, Mis	3020	30			3	0	0		S	12		AL		
	Ohara, Mis	3120 1943	8390			182	1	0		S	20		AL		
	Spar Mt., Mis	3150	#			36	0	0		OL	10		AC		
	McClosky, Mis	3170 1940	#			14	0	0		OL	8		AC		
	St. Louis, Mis	3256 1961	140			455	0	0		OL	15		AC		
	Salem, Mis	3852 1960	350			13	0	0		L	14		A		
	Ullin, Mis	3933 1980	20			21	0	0		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		OL	3		AC		
	McClosky, Mis	3250 1943	#			10	0	0		L	8		AC		
						1	0	0		OL	3		AC		
ABO 1966, REV 68, ABO 69, REV 80, ABO 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		Deepest test				
				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 of rock	Structure	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					Mis	3982	
McClosky, Mis	3120	1951	90			1	0	0				L	4				
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
ABO 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					Mis	3511	
St. Louis, Mis	2841	1981	10			1	0	0				L	2				
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					Mis	3118	
St. Louis, Mis	2695	1982	10			1	0	0				S	3				
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
ABO 1964																	
Kellerville, Adams, Brown, 1-2S, 5W																	
Silurian	637	1959	870	1.5	305.6	79	2	2		34	37		0	7	TC	Stp	1075
*Kenner, Clay, 3N, 5-6E																	
Tar Springs, Mis	2200	1942	1310	18.9	2613.1	113	1	0		27					Sil	4970	
Benoist, Mis	2690	1945	10			1	0	0		37	0.22	S	7	AL			
Renault, Mis	2761	1942	710			57	0	0		37		S	10	A			
Aux Vases, Mis	2835	1958	250			18	0	0		37		S	9	A			
Spar Mt., Mis	2875	1943	850			49	0	0		38		S	9	AL			
McClosky, Mis	2930	1947	180			6	0	0				LS	5	AC			
St. Louis, Mis	2978	1945	#			8	0	0		37		L	7	AC			
Carper, Mis	4221	1964	20			2	0	0		37		L	4				
Devonian	4424	1959	10			1	0	0		39		S	10	A			
		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	37		S	8	A	Ord	6032
McClosky, Mis	2970	1947	80			31	0	0		37		L	6	AC			
Kenner S, Clay, 2N, 5E																	
Benoist, Mis	2730	1950	40	0.0	20.6	4	0	0		0	37		S	5	A	Oev	4752
Aux Vases, Mis	2768	1967	20			2	0	0				S	6	A			
McClosky, Mis	2870	1971	10			1	0	0		37		L	10	AC			
		1950	30			4	0	0				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					Dev	4800	
Benoist, Mis	2705	1947	350			27	0	0		37		S	26	A			
Renault, Mis	2802	1947	230			16	0	0		38		S	9	A			
Aux Vases, Mis	2837	1960	10			1	0	0		37		S	10	A			
McClosky, Mis	2870	1960	110			8	0	0		38		S	24	A			
Lingle, Dev	4490	1947	20			2	0	0		38		L	4	A			
		1983	20			1	0	0				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 Kind of rock	Pay zone Thickness	Structure	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

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, Oev	1800 1955	2660 2620	69.8	5976.0	152 147	0 0	0 0	104	38	OS	19	MU MU	Si1	2011	
	Silurian	1874 1959	50			5	0	0		38	0	7				

*King, Jefferson, 3-4S, 3E																
	Renault, Mis	2718 1959	1440 10	2.2	3759.6	113 1	0 0	0 0	33	39	S	x	A A	Ord	6015	
	Aux Vases, Mis	2725 1942	1390			105	0	0		39	0.17	15	AL			
	Ohara, Mis	2765 1942	320			11	0	0				10	AC			
	Spar Mt., Mis	2815	#			7	0	0		40	0.16	10	AC			
	McClosky, Mis	2840 1942	#			4	0	0				5	AC			

King N, Jefferson, 3N, 3E																
	Ohara, Mis	2875 1981	240 210	32.6	216.2	12 1	0 0	0 0	12					Mis	4050	
	McClosky, Mis	2910 1981	#			11	0	0				5				
	St. Louis, Mis	3070 1981	10			1	0	0				8				

Kinmundy, Marion, 4N, 2-3E																
	Benoist, Mis	1915 1950	410 20	24.1	194.4	29 3	1 0	5 0	20	34	S	3	A A	Oev	3650	
	Aux Vases, Mis	2061 1985	10			1	0	0				4				
	St. Louis, Mis	2360 1985	10			1	0	0				4				
	Salem, Mis	2430	10			2	0	0		36		7	A			
	Carper, Mis	3384 1962	370			25	1	5		37		17				
			ABD 1960, REV 1962													

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	5	15	A	Dev	4087

Lakewood, Shelby, 10N, 2-3E																
	Benoist, Mis	1690 1941	130 80	1.6	292.9	13 8	1 1	0 0	4	30	S	7	A AL	Si1	3127	
	Aux Vases, Mis	1720 1941	50			5	0	0		32	0.23	8	AL			

*Lancaster, Wabash, Lawrence, 1-2N, 13W																
	Tar Springs, Mis	2050 1959	2280 10	29.9	5484.4	172 1	5 0	2 0	74	31	S	3	A A	Oev	4555	
	Bethel, Mis	2540	980			1	0	0		36		14	AL			
	Ohara, Mis	2670 1944	1270			6	0	0				10	AC			
	Spar Mt., Mis	2649 1964	#			10	0	0				6				
	McClosky, Mis	2690 1940	#			65	5	0		40	0.28	7	AC			
	Salem, Mis	3282 1982	50			3	0	2				8				

Lancaster Cen, Wabash, 1N, 13W																
	Aux Vases, Mis	2770 1981	480 60	4.9	495.2	44 5	0 0	0 0	20			12	M	Mis	3994	
	Ohara, Mis	2750 1947	340			10	0	0				7	MC			
	Spar Mt., Mis	2810 1946	#			11	0	0		37		7	MC			
	McClosky, Mis	2815 1947	#			5	0	0				8	MC			
	St. Louis, Mis	3010 1980	50			4	0	0				6				
	Salem, Mis	3450 1981	170			13	0	0								
			ABD 1961, REV 72, ABD 76, REV 80													

*Lancaster E, Wabash, 2N, 13W																
	Bridgeport, Penn	1310 1944	110 80	2.4	82.6	11 1	0 0	0 0	6			13	M	Mis	2760	
	Buchanan, Penn	1410 1976	#			1	0	0				5				
	Biehl, Penn	1745 1944	#			7	0	0		31		10	ML			
	Benoist, Mis	2409 1984	10			1	0	0				4				
	Ohara, Mis	2661 1985	10			1	0	0				4				
	Spar Mt., Mis	2660 1947	10			1	0	0		39		6	MC			
			ABO 1975, REV 1976													

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
*Lancaster S, Wabash, 1N, 13W															
Bethel, Mis		1946	330	7.5	562.7	24	0	2	10				M	Mis	3620
Ohara, Mis		2520 1949	280			19	0	2	36	S	L	6	ML		
McClosky, Mis		2670	80			4	0	0		L	L	6	MC		
McClosky, Mis		2720 1946	#			1	0	0	39	L	L	12	MC		
Langewisch-Kuester, Marion, 1N, 1E															
Pennsylvanian		1910	120	0.3	44.8	16	0	0	1				A	Oev	3509
Cypress, Mis		795 1951	10			2	0	0	32	S	S	x	A		
Cypress, Mis		1600 1910	110			14	0	0	35	S	S	x	A		
Lawler, Gallatin, 9S, 8E															
Pennsylvanian		1982	80	0.1	10.8	7	1	1	5					Mis	2485
Palestine, Mis		1050 1982	40			3	0	0		S	S	x			
Waltersburg, Mis		1324 1984	40			3	0	0		S	S	8			
Waltersburg, Mis		1507 1984	10			1	1	1		S	S	20			
*Lawrence, Lawrence, Crawford, 2-5N, 11-13W															
Trivoli, Penn		1906	37460	x	x	7490	53	12	3041				A	Cam	9261
Pennsylvanian		290	11530			19	0	0	28	S	S	x	A		
Cuba, Penn		950	#			23	0	0		S	S	15	A		
Ridgley, Penn		450	#			6	0	0		S	S	x	A		
Bridgeport, Penn		1300	#			x	3	0		S	S	x	A		
Buchanan, Penn		800	#			1448	11	0	36	S	S	40	A		
Tar Springs, Mis		1250	#			592	0	0	33	S	S	15	A		
Hardinsburg, Mis		1410	80			8	0	0	34	S	S	10	A		
Jackson, Mis		1570	350			31	0	0	33	S	S	10	A		
Cypress, Mis		1370	1680			341	0	0	33	S	S	15	A		
Sample, Mis		1400	23400			4736	30	8	40	S	S	30	A		
Bethel, Mis		1600	10630			298	15	0	35	S	S	8	A		
Benoist, Mis		1650	#			1020	5	7	38	S	S	20	A		
Renault, Mis		1695	#			186	17	1	37	S	S	7	A		
Aux Vases, Mis		1660 1983	130			3	0	0		S	S	3	A		
Ohara, Mis		1775	1130			87	4	2	38	L	L	8	A		
Spar Mt., Mis		1750	14830			16	0	1		L	L	8	AU		
McClosky, Mis		1860	#			125	2	0	33	S	L	4	A		
St. Louis, Mis		1860	#			1271	11	2	40	L	L	10	A		
Salem, Mis		1660	350			20	0	0	35	L	L	10	A		
Ullin, Mis		1955	210			16	0	1	36	L	L	2	A		
Oevonian		2415 1983	10			1	0	0		L	L	6			
Trenton, Ord		2934 1975	60			14	0	0	39	L	L	12			
Trenton, Ord		4492 1978	80			1	0	0		L	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															
Paint Creek, Mis		1952	1010	6.9	592.9	81	1	2	41					Mis	3059
Bethel, Mis		1978 1962	700			10	1	0	35	S	S	13			
Aux Vases, Mis		2050 1952	#			42	0	0	33	S	S	15			
Ohara, Mis		2110 1953	70			7	0	0	36	S	S	8			
Spar Mt., Mis		2214 1968	310			1	0	0		L	L	16			
McClosky, Mis		2193 1963	#			7	0	0		L	L	2			
McClosky, Mis		2225 1953	#			16	0	2	40	L	L	11			
*Lexington, Wabash, 1S, 14W															
Cypress, Mis		1947	170	0.6	481.8	17	0	0	5				A	Oev	5033
Benoist, Mis		2585 1953	10			1	0	0	32	S	S	10	AL		
Ohara, Mis		2733 1972	30			3	0	0		S	S	4			
McClosky, Mis		2912 1968	130			1	0	0		L	L	3			
Oevonian		2970 1947	#			12	0	0	38	L	L	8	AC		
Oevonian		4912 1982	10			1	0	0		L	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															
Spar Mt., Mis		1946	230	1.3	702.4	18	0	0	11					Oev	4000
McClosky, Mis		2433 1968	230			1	0	0		S	S	6			
McClosky, Mis		2425 1946	#			16	0	0	36	L	L	10	A		
Lillyville N, Cumberland, 9N, 7E															
Spar Mt., Mis		1974	80	5.3	608.6	5	0	0	5				R	Ord	6500
Spar Mt., Mis		2405 1974	80			3	0	0		S	S	7	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 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 per cent
Lillyville N. Cumberland, 9N, 7E													
(Continued from previous page)													
	McClosky, Mis	2440 1974	#			5	0	0			L	20 Rd	
	Salem, Mis	2840 1974	60			4	0	0			L	5 Rd	
	Geneva, Dev	3825 1974	30			3	0	0			D	10 Rd	
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	0 Stp 3000
			ABO 1904, REV 42, ABO X, REV 81, ABO 82										
Litchfield S, Montgomery, 8N, 5W													
	Pennsylvanian	610 1967	80	0.0	0.0	7	0	0	5	23	S	3 0ev 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	3215 1951	220	15.3	343.7	19	0	1	6			Mis 4190	
	Ohara, Mis	3240 1951	110			8	0	1		36	S	10	
	McClosky, Mis	3280 1951	#			10	0	0			L	4	
						1	0	0		37	L	6	
Locust Grove S, Wayne, 1S, 9E													
	Aux Vases, Mis	3155 1953	300	15.9	168.1	23	4	0	12			Mis 4058	
	Ohara, Mis	3248 1958	240			6	2	0			S	6	
	Spar Mt., Mis	3300 1953	#			4	2	0		39	L	6	
	McClosky, Mis	3286 1958	#			7	0	0		37	L	10	
			ABO 1971, REV 72, ABO 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			Mis 4100	
	Spar Mt., Mis	3028 1966	30			3	0	0			S	8	
	McClosky, Mis	3082 1966	20			1	0	0			L	4	
	St. Louis, Mis	3380 1981	#			1	0	0			L	8	
			ABO 1982										
Logootee, Fayette, 6N, 3E													
	Carper, Mis	3450 1966	30	0.0	0.0	3	2	0	2	34	L	8 Mis 3473	
			ABO & REV 1985										
Long Branch, Saline, Hamilton, 7S, 6E													
	Palestine, Mis	2070 1950	160	21.9	371.1	20	4	0	11			Mis 4373	
	Tar Springs, Mis	2364 1986	20			2	0	0			S	8	
	Cypress, Mis	2745 1951	10			1	1	0			S	3	
	Aux Vases, Mis	3095 1951	20			3	0	0		37	S	13	
	Spar Mt., Mis	3194 1986	90			9	1	0		37	L	9	
	McClosky, Mis	3220 1950	#			2	2	0			L	8	
	St. Louis, Mis	3374 1986	60			4	0	0		37	L	5	
			10			1	1	0			L	2	
Long Branch S, Saline, 8S, 6E													
	Cypress, Mis	2660 1955	20	0.3	10.4	2	0	1	0			Mis 3453	
	Benoist, Mis	2924 1984	10			1	0	0			S	8	
			10			1	0	1			S	8	
			ABD 1971, REV 1984, ABO 1986										
*Louden +, Fayette, Effingham, 6-9N, 2-4E													
	Cypress, Mis	1500 1937	26090	1695.3	381162.0	2759	48	2	1540			Mis 8616	
	Bethel, Mis	1540	22670			1882	51	2		36	0.25	S	30
	Benoist, Mis	1550 1937	10560			563	48	0		38	0.24	S	15
	Renault, Mis	1602 1985	7730			831	28	0		38	0.20	S	10
	Aux Vases, Mis	1600	20			2	2	0			S	10	
	McClosky, Mis	1785 1955	2450			117	20	0		37	0.17	S	6
	Carper, Mis	2830 1952	30			2	0	0		37		L	4
			50			6	0	0		36		S	9
												AL	AC

(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	Depth (ft)
*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			S	6		Oev 4865
	Aux Vases, Mis	2800	1978	20			2	0	0				S	6		
	Spar Mt., Mis	2860	1974	40			4	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	20			2	0	0				L	4		
				10			1	0	0				L	4		
*Louisville N, Clay, 4N, 6E																
	Aux Vases, Mis	2755	1953	120	1.0	59.1	9	0	0	1			S	10	M	Sil 4650
	Spar Mt., Mis	2812	1961	40			2	0	0		37		S	9	ML	
				80			7	0	0		37		L	9	ML	
				ABO 1956, REV 1962, ABO 1973, REV 1974												
Louisville S, Clay, 3N, 6E																
	Aux Vases, Mis	2823	1960	20	0.0	1.5	2	0	0	0			S	6		Sil 4930
	Ohara, Mis	2893	1960	10			1	0	0		38		S	2		
				10			1	0	0		36		L	2		
				ABO 1967, REV 1976, ABO 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			S	5	R	Ord 3983
	Silurian	2240		180			17	0	0		41	0.18	S	40	Rd	
				200			13	0	0		40		L	40	R	
Macedonia, Franklin, 5S, 4E																
	Salem, Mis	4124	1961	40	3.0	18.1	3	0	0	2			L	10		Oev 5249
	Ullin, Mis	4097	1961	20			1	0	0				L	12		
				20			2	0	0		37					
				ABO 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			S			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				S	25	AC	
	Beech Creek, Mis	1201	1968	10			11527	248	25	35			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		
*Maple Grove C, Edwards, Wayne, 1-2N, 9-10E																
	Aux Vases, Mis	3145	1943	3640	56.4	5746.0	230	12	4	115			S	15	A	Oev 5220
	Ohara, Mis	3230	1945	1190			85	5	4		38		S	3	A	
	Spar Mt., Mis	3250		2590			27	1	0		27		L	1	AC	
	McClosky, Mis	3260	1943	#			23	5	0				L	1	AC	
	St. Louis, Mis	3500	1977	10			105	4	0		41		L	6	A	
	Salem, Mis	3660	1967	130			1	0	0				L	6		
	Ullin, Mis	4057	1976	30			10	1	1		39		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			L	6		Mis 4200
	Spar Mt., Mis	3275	1951	1230			33	1	1		40		L	6		
	McClosky, Mis	3275		#			22	0	0				L	6		
				#			33	0	0		38		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 to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Sulfur GR. per cent		
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	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 ABO 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
ABO 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
ABO 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			S 6 A Mis 4085
	McClosky, Mis	3075 1943	120			9	0	0	38			L 8 AL AC
			330			19	0	0	37	0.24		L 8 AL AC
*Markham City W, Jefferson, 2-3S, 4E												
	Aux Vases, Mis	2905 1945	870	36.5	2875.9	73	2	0	34			S 15 A Dev 4950
	McClosky, Mis	3035 1946	350			22	0	0	39			L 7 AL AC
	Salem, Mis	3774 1969	390			25	0	0	37			L 4
			620			30	2	0				L 4
*Martinsville, Clark, 9-10N, 13-14W												
	Pennsylvanian	255 1907	2740	x	x	437	17	5	195			S 0 Stp 3411
	Casey, Penn	500	2440			10	0	0				S x 0
	Martinsville, Mis	480	#			121	7	5				S x 0
	Carper, Mis	1340	680			47	7	0				L x 0
	Devonian	1550	1050			92	3	0	37			S 40 0
	Trenton, Ord	2700	700			45	0	0	38			L x 0
			520			37	1	0	40			L x 0
SEE CLARK COUNTY DIV. FOR PRODUCTION												
*Mason N, Effingham, 6N, 5E												
	Benoist, Mis	2290 1951	270	0.2	425.8	18	0	0	11			S 13 A Sil 4200
	Aux Vases, Mis	2355 1951	180			11	0	0	38			S 5 AL
	Spar Mt., Mis	2390 1951	10			1	0	0	36			L 18 AL
	McClosky, Mis	2475 1951	120			4	0	0	37			L 5 AC
	Salem, Mis	2881 1982	10			1	0	0				L 4 AC
Massilon, Wayne, Edwards, 1S, 9-10E												
	Ohara, Mis	3255 1946	80	0.0	91.4	4	0	0	0			S 6 Mis 4125
	Salem, Mis	3714 1982	70			3	0	0	37			L 6 MC
			10			1	0	0				L 18
ABO 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
ABO 1947, REV 1982												

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)		
				Ouring 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	
*Mattoon, Coles, 11-12N, 7-8E																	
	Cypress, Mis	1750 1939	6560	240.1	21390.6	654	32	3	289								
	Aux Vases, Mis	1900	3530			276	1	1		39	0.16	S	13	A	Stp		
	Spar Mt., Mis	1950 1944	4970			30	0	0		32		S	15	AL			
	McClosky, Mis	2010	#			425	6	2		38	0.21	L	12	A			
	Salem, Mis	2236 1977	60			9	0	0		37		L	5	AC			
	Sonora, Mis	2400 1984	440			4	0	0				L	6				
	Carper, Mis	2950 1955	560			38	26	0				S	6				
	Devonian	3162 1970	50			34	2	0		39		S	10	A			
						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								
	Devonian	3252 1982	50			4	0	0		38		S	10	A	Mis	3337	
			10			1	0	0				L	26	A			
			ABD 1966, REV 1982														
Maunie E, White, 6S, 11E																	
	Tar Springs, Mis	2280 1951	100	1.2	67.0	8	1	0	3								
	Aux Vases, Mis	2870 1951	10			2	1	0		35		S	8	AF	Mis	3088	
			90			6	0	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								
	Oegonia, Mis	2022 1985	10			1	0	0		34		S	20	AL	Dev	6119	
	Waltersburg, Mis	2305 1952	130			1	0	0				S	4				
	Tar Springs, Mis	2350	180			10	0	0		37		S	12	AL			
	Hardinsburg, Mis	2565	10			11	0	0		35		S	10	AL			
	Cypress, Mis	2695 1984	40			1	0	0		36		S	10	A			
	Sample, Mis	2830	510			2	0	0				S	5				
	Bethel, Mis	2820 1941	#			2	0	0		35		S	13	AL			
	Renault, Mis	2935	10			33	1	0		35		S	13	AL			
	Aux Vases, Mis	2930 1943	1010			1	0	0		36		L	2	AC			
	Ohara, Mis	2995 1944	900			106	7	2		35		S	13	AL			
	Spar Mt., Mis	3025 1947	#			9	1	0		37		L	4	AC			
	McClosky, Mis	3035 1945	#			26	1	1		36		L	6	AC			
	Salem, Mis	3874 1980	40			25	0	0		33		L	10	AC			
	Ullin, Mis	3950 1980	60			1	0	0				L	x				
						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								
	Biehl, Penn	1649 1959	180			11	0	0		24		S	7	AL	Dev	4908	
	Oegonia, Mis	1900 1942	130			3	0	0		31		S	x	AL			
	Palestine, Mis	2010 1941	640			14	0	0		35		S	10	AL			
	Waltersburg, Mis	2210	20			54	0	0		35		S	17	AL			
	Tar Springs, Mis	2270 1942	830			2	0	0		37		S	19	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								
	Salem, Mis	3840 1977	220			16	0	0		39	0.16	L	8	AC	Ord	6904	
	Ullin, Mis	4300 1977	110			15	1	0				L	8				
	Dutch Creek, Dev	5300 1984	210			9	1	1				L	25				
						16	5	0				S	22				
Mayberry N, Wayne, 2S, 6E																	
	McClosky, Mis	3330 1948	60	0.0	1.4	4	0	0	3								
	Salem, Mis	4137 1982	40			2	0	0		39		L	2		Dev	5390	
	Ullin, Mis	4190 1981	20			1	0	0				L	x				
			10			1	0	0				L	4				
			ABO 1950, REV 1981														
Mayberry S, Hamilton, Wayne, 3S, 6E																	
	Salem, Mis	4180 1981	90	2.0	48.5	5	0	0	5								
	Ullin, Mis	4350 1981	80			4	0	0				L	6		Mis	4350	
			10			1	0	0				L	5				

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	Structure	Deepest test Zone	Depth (ft)	
				Ouring 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
Mechanicsburg, Sangamon, 16N, 3W															
	Silurian	1734 1972	150	8.3	254.0	11	0	0	8		L	16	MU	S11	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
			ABO 1959, REV 1964, ABO 1969												
*Miletus, Marion, 4N, 4E															
	Benoist, Mis	2140 1947	510	0.8	380.7	36	4	0	24		S	7	A	Oev	4000
	Aux Vases, Mis	2200 1947	130			8	0	0		35	S	7	A		
	McClosky, Mis	2350 1947	170			11	0	0		36	L	7	A		
	Carper, Mis	3650 1981	290			18	4	0		36	L	5	A		
	Hardin, Oev	3820 1984	10			1	0	0			S	30			
			10			1	0	0			S	5			
Millersburg, Bond, 4N, 4W															
	Oevonian	2130 1967	20	0.4	15.6	3	0	0	1	38	S	2		Oev	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		S	10	A	Oev	5606
	Aux Vases, Mis	3245 1983	20			2	0	0		36	S	11	A		
	Ohara, Mis	3320	1650			12	0	0			OL	11	AC		
	Spar Mt., Mis	3345	#			28	7	0			LS	8	AC		
	McClosky, Mis	3375 1939	#			75	11	1		36	OL	5	AC		
	St. Louis, Mis	3546 1960	20			2	0	0		39	L	10	AC		
	Salem, Mis	3970 1961	740			49	0	0		38	L	4	A		
	Ullin, Mis	4110 1959	90			7	0	1		38	L	10	A		
	Outch Creek, Oev	5380 1980	20			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
			ABO 1952, REV 1985, ABO 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
			ABO 1956, REV 1984												
Mitchellsville, Saline, 10S, 6E															
	Oegonia, Mis	1330 1955	30	0.1	27.9	3	0	0	1		S	6		Mis	2452
	Waltersburg, Mis	1505 1955	10			1	0	0		35	S	9			
	Cypress, Mis	2107 1973	10			1	0	0		38	S	20			
*Mode, Shelby, 10N, 4E															
	Bethel, Mis	1682 1961	360	5.6	405.4	20	0	0	15		S	12		Oev	3265
	Benoist, Mis	1742 1961	140			9	0	0		35	S	8			
	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		Oev	4106
*Montrose N, Cumberland, 9N, 7E															
	McClosky, Mis	2500 1969	20	0.0	20.8	2	0	0	2		OL	10		Oev	3980
*Mt. Auburn C, Christian, 15N, 1-2W															
	Silurian	1920 1943	7830	118.3	7238.5	474	4	1	153	37	L	15	MU	Trn	2577
*Mt. Carmel ++, Wabash, 1N, 1S, 12W															
		1939	5050	104.4	19560.7	580	1	3	174				A	Oev	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			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		
*Mt. Carmel ++, Wabash, IN, 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	13	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				
	O'hara, Mis	2350	1430			26	0	1		35		OL	5	AC		
	Spar Mt., Mis	2350	#			17	0	0		39	0.26	OL	5	AC		
	McClosky, Mis	2360	#			68	0	1		37	0.42	OL	5	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, IN, 9E																
	Aux Vases, Mis	3110 1944	330	4.6	511.5	26	2	1	11	40		S	8	M	Mis	4101
	O'hara, Mis	3170 1949	140			8	0	0				L	6	ML		
	McClosky, Mis	3240 1944	230			13	2	1		37		L	5	MC		
ABD 1966, REV 1967																
Mt. Olive +, Montgomery, 8N, 5W																
	Pottsville, Penn	605 1942	80	0.3	x	7	0	0	5	33	0.16	S	6	A	Sil	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
	O'hara, Mis	2750 1943	70			5	0	0				L	6	A		
	McClosky, Mis	2800 1943	180			2	0	0		39	0.18	L	7	AC		
			#			14	0	0				L	7	AC		
Mt. Vernon N, Jefferson, 2S, 3E																
	McClosky, Mis	2675 1956	30	1.0	71.4	3	0	0	3	38		L	6		Mis	3133
	St. Louis, Mis	3010 1981	20			2	0	0				L	8			
			10			1	0	0				L	8			
Murdock, Oouglas, 16N, 10E																
	Pennsylvanian	370 1955	10	0.0	0.0	3	0	0	0	36		S	16		Pen	424
ABD 1957, REV 1961, ABO 1968																
Nashville, Washington, 2S, 3W																
	Devonian	2625 1973	580	190.2	1477.6	48	11	1	38			D	20		Ord	3776
	Silurian	2650 1973	120			11	6	0				L	40	R		
			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	Sil	2893
Nason, Jefferson, 3-4S, 2E																
	O'hara, Mis	2758 1943	70	7.1	134.6	6	0	0	4	37		L	4	ML	Dev	4694
	Spar Mt., Mis	2790 1943	50			1	0	0		37		L	12	ML		
	McClosky, Mis	2810 1983	#			2	0	0				L	4			
	Salem, Mis	3450 1984	20			1	0	0				L	4			
						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		Sil	4007
New Baden E, Clinton, 1N, 5W																
	Silurian	1935 1958	290	3.0	305.2	23	0	0	12	39		L	15	R	Sil	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		29	0.30	S	10	ML		
	Aux Vases, Mis	1280 1956	70			5	0	0				S	20	ML		
			60			3	0	0				S	20	M		
ABO 1948, REV 1952, ABO 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	
				Ouring 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
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	0.0	63.4	2	0	0	0	39	L	17	MU	Sil	1918
New Douglas S, Bond, 6N, 5W															
	Pennsylvanian	640 1957	20	0.0	3.4	2	0	0	0	32	S	7		Pen	705
*New Harmony C ++, White, Wabash, Edwards, 1N, 1-5S, 13-14W															
	Jamestown, Penn	720 1939	28920	1086.3	171221.4	2982	31	15	1263		S	13	A	Shk	7682
	Mansfield, Penn	x	1960	#		5	0	0		32	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		
	Oegonia, 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	S	20	AL		
	Tar Springs, Mis	2215	2680			228	1	3		35 0.19	S	26	ALF		
	Hardinsburg, Mis	2290 1958	40			3	0	0		35	L	10	ALF		
	Cypress, Mis	2570	11290			1103	0	3		35	S	20	ALF		
	Sample, Mis	2660	11980			62	0	2		36	S	20	ALF		
	Bethel, Mis	2700	#			959	6	3		37 0.24	S	27	ALF		
	Renault, Mis	2761	180			14	2	0		34		8			
	Aux Vases, Mis	2800	8750			651	19	2		37 0.19	S	15	ALF		
	Ohara, Mis	2900	6620			89	3	1		39	OL	6	AC		
	Spar Mt., Mis	2910	#			57	0	1		38	LS	10	AC		
	McClosky, Mis	2925	#			348	1	2		37 0.33	OL	8	AC		
	St. Louis, Mis	3153 1953	1330			82	4	2		36	L	x			
	Salem, Mis	3364 1959	1050			72	1	0		37	L	16	AC		
	Ullin, Mis	3755	570			42	4	0		36	L	6	AC		
	Fort Payne, Mis	4500 1978	710			28	0	0			L	0			
New Harmony S (111), White, 5S, 14W															
	Waltersburg, Mis	2250 1941	90	0.0	113.3	8	0	0	1	35	S	18	A	Mis	4620
	Tar Springs, Mis	2350	30			3	0	0		36	S	16	AF		
	Cypress, Mis	2670 1951	10			1	0	0		36	S	8	AF		
	Bethel, Mis	2815	10			1	0	0		35	S	8	AF		
	Aux Vases, Mis	3005 1949	20			2	0	0		36	S	10	AF		
	McClosky, Mis	3010	10			1	0	0		37	S	7	AF		
			20			1	0	0		37	L	5	AF		
*New Harmony S (Ind) ++, White, 5S, 14W															
	Oegonia, Mis	1850 1946	50	0.0	446.4	6	0	0	1	35	S	8	T	Mis	3068
	Palestine, Mis	1955	20			2	0	0		24	S	10	TF		
	Waltersburg, Mis	2120	50			3	0	0		37	S	30	TF		
*New Haven C ++, White, 7S, 10-11E															
	Degonia, Mis	1789 1941	780	38.5	3015.8	70	0	0	39		S	6	A	Mis	3900
	Tar Springs, Mis	2105 1975	10			1	0	0			S	12	AF		
	Hardinsburg, Mis	2245	330			25	0	0		38 0.27	S	8	AF		
	Cypress, Mis	2445 1949	10			1	0	0		36	S	12	AF		
	Aux Vases, Mis	2720	480			26	0	0		39	S	12	AF		
	Ohara, Mis	2799 1959	130			11	0	0		37	S	15	AF		
	Spar Mt., Mis	2828 1960	170			3	0	0			L	12	A		
	McClosky, Mis	2820	#			6	0	0		35	OL	15	A		
			#								L	6	AC		
New Hebron E +, Crawford, 6N, 12W															
	Aux Vases, Mis	1555 1954	50	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	0.0	0.7	2	0	0	0	41	L	25	R	Ord	2914
			ABO 1952, REV 1956, ABO 1961												

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
*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
			ABO	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							
			ABD	1947,REV	1952,ABD	1953,REV	1961		38		L	5	MC		
Noble W, Clay, 3N, 8E															
	Benoist, Mis	2880 1981	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			
			10			1	0	0			L	5			
			ABO	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			
			110			10	0	0	37		L	5			
*Oakdale N, Jefferson, 2S, 4E															
	McClosky, Mis	2932 1960	190	5.5	737.0	18	0	1	10	37	OL	5		Mis	3725
	St. Louis, Mis	2990 1982	170			13	0	1			L	15			
	Salem, Mis	3400 1983	60			4	0	0			L	6			
			10			1	0	0			L	6			
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, Oev	2285 1954	190	0.2	25.8	12	1	0	2	37	L	5		SiI	2391
			ABO	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				M	Oev	2691
	Aux Vases, Mis	1185 1955	10			1	0	0			S	10	ML		
	Carper, Mis	2220 1952	690			56	0	0	37		S	17			
			90			7	0	0			S	x	ML		
Oak Point W, Clark, Cumberland, 9N, 11E, 14W															
	Aux Vases, Mis	1190 1955	130	0.0	19.7	13	0	0	8	35				Mis	1560
	Spar Mt., Mis	x 1980	120			11	0	0			S	8			
	McClosky, Mis	1270 1981	20			1	0	0			S	8			
			#			1	0	0			L	4			
Oconee, Shelby, 10N, 1E															
	Lingle, Oev	2850 1975	70	0.0	26.7	4	0	0	3		S	6		Oev	3139
*Odin, Marion, 2N, 1-2E															
	Cypress, Mis	1750 1945	350	2.0	1904.4	34	0	0	22				A	Oev	3597
	Benoist, Mis	1912 1963	340			30	0	0	37	37	S	13	AL		
	McClosky, Mis	2085 1957	10			1	0	0	37		S	3			
			30			4	0	0	37		L	12	A		
Okawville, Washington, 1S, 4W															
	Silurian	2325 1951	50	0.0	63.3	4	0	0	0	40	L	3	R	SiI	2603
			ABO	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			Character of oil		Pay zone	Deepest test			
				Ouring 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
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	17	A	Ord	3085
	Benoist, Mis	875 1982	20			2	0	0			S	5			
	Aux Vases, Mis	941 1964	10			1	0	0	36		S	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
	x 1984	10				1	0	0							
	Lingle, Dev	2014 1984	10			1	0	0			L	x			
*Olney C, Richland, Jasper, 4-5N, 10															
	Aux Vases, Mis	2918 1960	4060	46.1	8624.5	244	3	1	39				A	Mis	4030
	Ohara, Mis	3005 1943	90			6	0	0			S	x	A		
	Spar Mt., Mis	3050 1946	3990			15	0	0		0.19	L	6	A		
	McClosky, Mis	3100 1938	#			81	0	1		0.19	L	5	A		
			#			150	3	0		0.19	L	6	A		
*Olney S, Richland, 3N, 10E															
	Ohara, Mis	3142 1937	1220	4.8	1142.2	73	0	0	23				M	Dev	4910
	Spar Mt., Mis	3100 1962	1150			1	0	0			L	4	MC		
	McClosky, Mis	3115	#			39	0	0		36	L	4	MC		
	Salem, Mis	3800 1981	70			43	0	0		37	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				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	0		
	Paint Creek, Mis	2450 1961	40			13	0	0		35	S	12	0		
	Bethel, Mis	2570 1955	#			1	0	0		37	S	10			
	Aux Vases, Mis	2730 1955	920			3	0	0			S	14	0		
	Ohara, Mis	2734 1958	360			69	0	0		40	S	20	0		
	Spar Mt., Mis	2722 1958	#			18	0	0		39	L	14	D		
	McClosky, Mis	2800 1961	#			5	0	0			S	8	0		
						7	0	0			L	x	0		
Omaha E, Gallatin, 8S, 8E															
	Cypress, Mis	2530 1946	160	0.0	61.5	13	0	0	3				M	Mis	3931
	Aux Vases, Mis	2790 1957	30			3	0	0		41	S	6	M		
	Ohara, Mis	2855 1946	100			1	0	0		38	S	x	M		
	Spar Mt., Mis	2942 1960	#			3	0	0		37	L	8	MCF		
	McClosky, Mis	2884 1958	#			1	0	0			L	9	MCF		
	St. Louis, Mis	3180 1984	20			3	0	0		38	L	10	MCF		
	Salem, Mis	3720 1984	20			1	0	0			L	4			
						1	0	0			L	10			
*Omaha S, Gallatin, Saline, 8S, 7-8E															
	Pennsylvanian	550 1951	210	21.1	125.7	15	3	0	11				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			
			ABO 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				A	Mis	3302
	Sample, Mis	2600 1967	110			9	0	0		38	S	14	AL		
	Aux Vases, Mis	2800 1950	30			8	0	0		38	S	12			
	Ohara, Mis	2890 1983	30			3	0	0		37	S	30	AL		
	McClosky, Mis	2910	#			1	0	0			L	2			
						3	0	0		38	L	8	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 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
Omega, Marion, 3N, 4E															
	Benoist, Mis	2280	1946	430	26.7	283.2	31	4	0	23	38	S	3	Mis	3500
	Renault, Mis	2360	1963	60			5	1	0			S	6		
	Aux Vases, Mis	2362	1982	40			3	1	0			S	8		
	Spar Mt., Mis	2470	1982	220			2	1	0			S	6		
	McClosky, Mis	2490	1946	#			13	1	0		38	L	10	0	
	Salem, Mis	2742	1979	70			4	0	0			L	4		
ABO 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			L	8		
			1961	#			11	1	0		37	OL	20		
ABO 1967,REV 1979															
*Orchardville C, Wayne, 1N, 5E															
	Sample, Mis	2655	1950	640	22.1	979.4	51	0	1	31		S		Mis	4030
	Aux Vases, Mis	2800	1958	10			1	0	0		36	S			
	Ohara, Mis	2880	1951	420			32	0	0		36	S	16		
	McClosky, Mis	2905	1950	#			5	0	0		37	L	3		
	Salem, Mis	3320	1980	140			7	0	0			L	5		
							11	0	1			L	8		
AALACAC															
Orchardville N, Wayne, 1N, 5E															
	Paint Creek, Mis	2655	1956	30	0.3	28.2	3	0	0	2		S		Oev	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
ABO 1972															
*Oskaloosa, Clay, 3-4N, 5E															
	Benoist, Mis	2595	1950	610	3.1	2742.1	51	0	0	14		S		Sil	4605
	Aux Vases, Mis	2643	1950	450			40	0	0		37	S	15		
	McClosky, Mis	2755	1958	170			12	0	0		37	S	x		
	Devonian	4400	1957	310			16	0	0		36	L	5		
	Silurian	4458	1981	30			3	0	0			L	30		
			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		S		Oev	4653
	McClosky, Mis	2895	1947	20			1	0	0		37	S	5		
			1951	10			1	0	0		33	L	4		
ABD 1954															
Oskaloosa S, Clay, 3N, 5E															
	Ste. Gen., Mis	2770	1951	570	32.7	417.4	37	0	0	25		L		Ord	5860
	Carper, Mis	4100	1951	130			11	0	0		35	L	4		
	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

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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			
				Ouring 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
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	705	40			4	0	0		28	S	12	A		
		865	30			3	0	0							
Pankeyville, Saline, 9S, 6E															
	Cypress, Mis	1956	30	0.0	6.1	2	0	0	0	37	S			Mis	2742
	Aux Vases, Mis	2250	20			2	0	0		38	S	22			
		2511	10			1	0	0							
			A80 1957, REV 1961, ABO 1961												
Pankeyville E, Saline, 9S, 7E															
	Cypress, Mis	1956	10	0.0	0.0	1	0	0	0	37	S	22		Mis	3160
	Paint Creek, Mis	2250	10			1	0	0		36	S	13			
		2360	10			1	0	0							
			A80 1957												
*Parkersburg C, Richland, Edwards, 1-3N, 10-11E, 14W															
	Pennsylvanian	1941	7450	136.8	12403.7	504	15	6	199	36	S	18	TAC	Oev	5414
	Waltersburg, Mis	2100	1000			1	0	0		39	S	10	AC		
	Tar Springs, Mis	2430	180			14	0	0		36	S	2	AC		
	Cypress, Mis	2440	10			1	0	0		36	S	12	AC		
	Paint Creek, Mis	2830	480			34	6	0		36	S	10			
	Bethel, Mis	2910	1010			1	0	0		35	S	12	T		
	Aux Vases, Mis	2930	30			75	3	0		37	S	20	T		
	Ohara, Mis	3070	3			3	0	0		37	S	10	T		
	Spar Mt., Mis	3100	5510			15	0	0		36	OL	10	T		
	McClosky, Mis	3150	#			72	2	0		36	0.34	OL	10	TC	
	St. Louis, Mis	3175	#			241	3	0		36	0.31	OL	10	TC	
	Salem, Mis	3330	40			3	0	0			L	7	C		
	Ullin, Mis	3796	730			51	2	6			L	4			
		3966	20			2	0	0			L	4			
Parkersburg S, Edwards, 1N, 14W															
	Pennsylvanian	1948	940	107.9	577.6	75	9	0	65	41	S	10		Mis	3895
	Cypress, Mis	1400	80			8	0	0		36	S	10			
	Paint Creek, Mis	2750	270			25	5	0		36	S	6			
	Bethel, Mis	2798	50			6	4	0		35	S	5			
	Ohara, Mis	2815	360			26	3	0			L	5			
	McClosky, Mis	3039	80			1	0	0			L	5			
	Salem, Mis	3104	#			3	0	0			L	5			
		3690	80			11	0	0			L	10			
Parkersburg W, Richland, Edwards, 2N, 10E															
	Aux Vases, Mis	1943	360	0.6	251.4	22	0	0	3		S	8	A	Mis	4132
	Ohara, Mis	3142	10			1	0	0			L	5	AC		
	McClosky, Mis	3220	330			2	0	0		38	L	6	AC		
	Salem, Mis	3260	#			18	0	0			L	5			
		3789	140			2	0	0			L	5			
			A80 1962, REV 64, ABO 65, REV 76, A80 78, REV 80												
Parnell, Oewitt, 21N, 4E															
	Sonora, Mis	1963	670	2.9	261.2	45	0	0	44	32	S	12		Trn	1971
	Devonian	671	650			42	0	0		37	S	12			
		1100	20			3	0	0			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	37	S	9	A	Mis	3723
	Cypress, Mis	2368	10			1	0	0		38	S	15	AL		
	Aux Vases, Mis	2665	110			9	0	0		36	S	8	A		
	Spar Mt., Mis	2957	10			1	0	0			L	6	AC		
	McClosky, Mis	3025	40			1	0	0		38	L	8	AC		
	Salem, Mis	3030	#			2	0	0			L				
		1980	20			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
			A80 1967, REV 1971, ABO 74, REV & ABO 1982												
*Patoka, Marion, Clinton, 3-4N, 1E, 1W															
	Cypress, Mis	1937	1560	12.0	14859.1	242	0	0	104	39	S	10	AR	Ord	4056
	Benoist, Mis	1280	60			8	0	0		37	0.16	S	27	ARd	
		1410	1000			180	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			Producing end of year	Character of oil		Pay zone			Oeepest test Depth (ft)
				Ouring 1986	To end of 1986	Com-plet-ed to end of 1986	Re-port-ed in 1986	Aban-doned 1986		GR. API	Sul-fur per-cent	Kind of rock	Thi-ck-ness	Str-uct-ure	
*Patoka, Marion, Clinton, 3-4N, 1E, 1W															
(Continued from previous page)															
	Aux Vases, Mis	1459	1970	40			3	0	0			S	13		
	Spar Mt., Mis	1550		510			15	0	0	39	0.31	S	9	A	
	Geneva, Dev	2835	1943	30			3	0	0	40	0.28	D	10	AR	
	Trenton, Ord	3950	1956	630			34	0	0	42		L	25	A	
*Patoka E, Marion, 4N, 1E															
	Cypress, Mis	1340	1941	580	35.8	6076.3	66	0	0	36		S	16	R	
	Benoist, Mis	1465		50			56	0	0	36	0.18	S	10	Rd	
	McClosky, Mis	1635	1953	40			5	0	0	36	0.23	S	10	Rd	
	Geneva, Dev	2950	1952	20			3	0	0	34		L	8	Rd	
							2	0	0	35		D	30	R	
*Patoka S, Marion, 3N, 1E															
	Cypress, Mis	1350	1953	1060	19.0	2709.7	88	0	0	67		S	10	A	
	Benoist, Mis	1461	1959	830			63	0	0	36		S	15	A	
	Spar Mt., Mis	1624	1959	230			20	0	0	37		S	5	A	
	Devonian	2978	1979	50			2	0	0			S	10	A	
	Trenton, Ord	3990	1973	200			1	0	0			L	10		
							6	0	0	43		L	18		
Patoka W, Fayette, 4N, 1W															
	Benoist, Mis	1380	1950	200	0.0	303.6	20	0	0	0	32	S	6	A	
				ABD 1965										Mis	
Pawnee, Sangamon, 14N, 4W															
	Silurian	1740	1983	70	0.0	3.1	4	0	0	4		L	7	Sil	
*Phillipstown C, White, Edwards, 3-5S, 10-11E, 14W															
	Anvil Rock, Penn	795	1939	8860	517.6	35324.7	851	15	8	481		S	10	A	
	Pennsylvanian	1450	1943	1850			1	0	0	36		S	10	AF	
	Bridgeport, Penn	1350		#			17	0	0	36		S	10	AF	
	Buchanan, Penn	1550		#			14	0	1	36		S	10	AF	
	Biehl, Penn	1875		#			27	1	1	30		S	15	AF	
	Kinkaid, Mis	1954	1961	10			86	0	0	33	0.22	S	15	AF	
	Oegonia, Mis	1975	1943	820			1	0	0	38		S	17	AF	
	Clore, Mis	2010	1942	180			67	0	0	38		S	15	AF	
	Palestine, Mis	2050	1942	140			17	0	0	34		S	12	AF	
	Waltersburg, Mis	2280	1943	280			14	0	0	32		S	11	AF	
	Tar Springs, Mis	2295	1943	1530			26	0	0	34		S	11	AF	
	Cypress, Mis	2720	1943	750			123	0	0	35		S	15	AF	
	Paint Creek, Mis	2780	1944	1830			62	1	0	36		S	12	AF	
	Bethel, Mis	2810	1943	#			8	0	0	37		S	9	AF	
	Renault, Mis	2900	1983	10			131	0	1	36		S	15	AF	
	Aux Vases, Mis	2820	1939	1490			1	0	0	38		S	10	AF	
	Ohara, Mis	3010	1943	2830			114	1	1	37		S	15	AF	
	Spar Mt., Mis	2960		#			47	3	1	36		S	10	AF	
	McClosky, Mis	3000	1939	#			45	1	0	38	0.21	LS	10	ACF	
	St. Louis, Mis	3120	1976	80			108	4	2	34	0.21	L	6	ACF	
	Salem, Mis	3798	1978	1000			8	0	1			L	20		
	Ullin, Mis	3982	1980	210			64	4	1			L	8		
							19	2	0			L	8		
Pinkstaff, Lawrence, 4N, 11W															
	McClosky, Mis	1735	1951	10	0.0	0.0	1	0	0	0	37	L	4	Mis	
				ABD 1951										2290	
Pinkstaff E, Lawrence, 4N, 11W															
	Ste. Gen., Mis	1640	1955	130	0.5	x	9	0	0	2	35	L	6	Mis	
				ABO 1961,REV 1975										2250	
Pittsburg N +, Williamson, 8S, 3E															
	Bethel, Mis	1964	1964	40	2.3	96.9	4	0	0	3				Mis	
	Aux Vases, Mis	2459	1972	10			1	0	0			S	8		
		2578	1964	30			3	0	0			S	8		
Pixley, Clay, 4N, 8E															
	Cypress, Mis	2680	1959	430	9.8	183.5	26	0	0	19		S	9	Mis	
	McClosky, Mis	3050	1981	20			2	0	0	35		S	3		
	Salem, Mis	3538	1980	370			3	0	0			L	3		
				ABO 1960,REV 1980			22	0	0			L	3		
Plainview +, Macoupin, 9N, 8W															
	Pennsylvanian	410	1942	20	0.0	2.0	2	0	0	1	34	S	5	Oev	
														1357	
														ABO X,REV 1982	

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 (ft)			
				Ouring 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	
Plainview S, Macoupin, 8N, 8W																
	Pennsylvanian	444 1959	20	0.0	0.1	2	0	0	1	34	S	8	Pen	642		
ABO 1962, REV 1985																
Posey, Washington, 3S, 2W																
	Trenton, Ord	3900 1952	50	2.2	132.1	4	0	0	1	37	L	25	A	Ord	4153	
Posey N, Washington, 3S, 2W																
	Trenton, Ord	4015 1953	10	0.0	3.9	1	0	0	0	37	L	15	AC	Ord	4112	
ABO 1959																
Posey S, Washington, 3S, 2W																
	Benoist, Mis	1255 1955	80	0.2	2.8	7	0	0	3	34	S	70		Ord	3980	
ABO 1959, REV 1982																
Posey, Clinton, 1N, 2W																
	Cypress, Mis	1105 1941	370	17.4	650.6	33	0	0	29					Ord	3784	
	Devonian	2675 1959	350			31	0	0		36	0.18	S	5	M		
			20			2	0	0		38		L	5	M		
Posey E, Clinton, 1N, 2W																
	Devonian	2740 1952	520	17.1	764.3	30	0	0	26	38	L	8		Oev	2850	
Posey W, Clinton, 1N, 3W																
	Devonian	2585 1954	20	0.2	4.5	2	0	0	1	37	L	15		Sil	2670	
ABO 1954, REV 1977																
Prentice +, Morgan, 16N, 8W																
	Pennsylvanian	270 1953	30	0.0	0.0	3	0	0	0	30	S	10		Ord	1513	
Pyramid, Washington, 2S, 1W																
	Devonian	3109 1962	250	31.5	188.0	15	2	0	9					Ord	4342	
	Trenton, Ord	4200 1982	140			9	0	0		36		0	6	U		
			120			6	2	0				L	6			
ABO X, REV 1982																
*Raccoon Lake, Marion, 1N, 1E																
	Cypress, Mis	1625 1949	380	4.3	3476.2	47	0	0	13					Sil	3530	
	Benoist, Mis	1715 1957	240			18	0	0		34	S	10	0			
	Ohara, Mis	1885 1949	190			2	0	0		37	S	15	0L			
	Spar Mt., Mis	1930 1949	#			1	0	0			L	5	OC			
	McClosky, Mis	1950 1949	#			11	0	0		36	S	12	OC			
	Devonian	3330 1951	270			13	0	0		36	L	10	OC			
						15	0	0		40	0	10	Rd			
*Raleigh, Saline, 7-8S, 6E																
	Palestine, Mis	2040 1953	740	9.0	2337.5	62	2	1	17					A	Oev	5511
	Waltersburg, Mis	2230 1984	40			2	1	0			S	4				
	Tar Springs, Mis	2235 1954	10			1	0	0			S	4				
	Cypress, Mis	2550 1953	450			2	0	0		35	S	20	A			
	Paint Creek, Mis	2738 1958	10			39	0	0		34	S	12	A			
	Aux Vases, Mis	2905 1953	100			1	0	0		34	S	5	A			
	Ohara, Mis	3054 1959	60			11	0	0		38	S	5	A			
	Spar Mt., Mis	3025 1957	#			2	0	0			L	3	A			
	McClosky, Mis	3045 1974	#			3	0	0		38	LS	10	A			
	St. Louis, Mis	3500 1984	20			1	0	0			OL	4				
	Salem, Mis	3724 1984	30			2	1	1			L	4				
*Raleigh S +, Saline, 8S, 5-6E																
	Waltersburg, Mis	2046 1955	950	38.6	2091.8	76	1	0	52					Mis	4400	
	Tar Springs, Mis	2165 1984	60			4	0	0		39	S	10				
	Bethel, Mis	2739 1958	10			1	1	0			S	9				
	Aux Vases, Mis	2860 1955	790			1	0	0		37	S	8				
	Ohara, Mis	2940 1984	100			64	0	0		40	S	16				
	Spar Mt., Mis	2950 1981	#			2	0	0			L	8				
	McClosky, Mis	2960 1974	#			5	0	0			S	10				
	St. Louis, Mis	2273 1984	10			2	0	0			OL	13				
	Salem, Mis	3960 1984	10			1	1	0			L	12				
						1	0	0			L	4				
Raymond, Montgomery, 10N, 4-5W																
	Pottsville, Penn	590 1940	140	7.2	50.4	22	2	1	14	35	0.22	S	10	ML	Oev	2400

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
*Roaches N, Jefferson, 2S, 1E													
						(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	
Roby, Sangamon, 15N, 3W													
	Devonian	1734 1949	400	21.1	480.5	32	3	0	18		L	40	Si1 1905
	Silurian	1775 1949	400			31	2	0	38		L	5	MU
				ABD 1951, REV 1954									
Roby E, Christian, Sangamon, 15N,2-3W													
	Devonian	1757 1970	1800	42.8	2160.7	115	0	1	72		S	2	MU Si1 2002
	Silurian	1840 1970	1810			114	0	1			L	20	
Roby N, Sangamon, 16N, 3W													
	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									
Roby S, Christian, 15N, 3W													
	Silurian	1780 1984	210	41.9	150.6	16	6	0	16		L	x	MU Si1 1940
Roby W, Sangamon, 15N, 3W													
	Hibbard, Dev	1655 1957	70	0.0	7.5	7	1	0	5 37		S	5	CU Trn 2259
				ABO 1963, REV 1967									
*Rochester ++, Wabash, 2S, 13W													
	Pennsylvanian	13DD 1948	400	1.7	2569.2	54	0	0	19	32	S	16	M MCF Mis 3450
	Waltersburg, Mis	1940 1948	230			23	0	0			S	20	ML
	Salem, Mis	3210 1977	20			2	0	0			L	30	
*Roland C +, White, Gallatin, 5-7S, 8-9E													
	Pennsylvanian	141D 1939	12630	432.8	61094.8	1125	22	2	418		S	10	A Dev 5271
	Degonia, Mis	2065 1954	30			6	0	0			S	7	A
	Clore, Mis	1993 1947	90			7	0	0			S	4	A
	Palestine, Mis	2085 1946	40			4	0	0			S	2	A
	Waltersburg, Mis	2200 1940	1890			126	0	1	31 0.25		S	15	AL
	Tar Springs, Mis	2300 1940	760			52	0	0	35		S	15	AL
	Hardinsburg, Mis	2550 1940	2120			166	0	0	37 0.30		S	20	AL
	Golconda, Mis	2505 1955	10			1	0	0	35		S	5	A
	Cypress, Mis	2700 1943	2690			180	8	0	36 0.12		S	15	AL
	Paint Creek, Mis	2800 1945	2460			45	2	0	37		S	12	AL
	Bethel, Mis	2800	#			97	3	0	37 0.20		S	12	AL
	Aux Vases, Mis	2880 1945	5010			335	16	0	39 0.12		S	13	AL
	Ohara, Mis	3020 1943	3140			47	2	0	36		OL	6	AC
	Spar Mt., Mis	3050 1945	#			44	0	0	38		L	6	AC
	McClosky, Mis	3070 1939	#			138	2	1	38 0.20		L	6	AC
	St. Louis, Mis	3250	160			13	0	0	37		L	x	AC
	Salem, Mis	4D89 1966	190			17	1	0	38		L	19	
	Ullin, Mis	4050 1967	340			17	0	0	38		L	4	
Roland W, Saline, 7S, 7E													
	Aux Vases, Mis	2935 195D	1D	D.D	22.3	1	D	0	0 4D		S	15	ML Mis 3161
				ABD 1959									
Rose Hill, Jasper, 8N, 9E													
	Spar Mt., Mis	2735 1966	930	17.5	336.5	60	1	4	49		S	3	Dev 4403
	McClosky, Mis	2695 1981	930			5	0	0			L	10	
		2695 1966	#			25	1	4	39		L	10	
Royalton, Franklin, 7S, 1E													
	Renault, Mis	2540 1982	10	3.1	22.5	1	0	0	1		S	8	Dev 4515
*Ruark, Lawrence, 2N, 12-13W													
	Pennsylvanian	1600 1941	670	32.8	2724.4	74	4	0	38		S	10	A Mis 2967
	Tar Springs, Mis	1625 1984	550			58	3	0	33		S	5	AL
	Bethel, Mis	2075	100			1	1	0			S	5	AL
	Aux Vases, Mis	2145	40			9	0	0	36		S	11	AL
	Ohara, Mis	2275 1954	20			4	0	0	37		S	7	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		Pay zone			Oeepst 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
*Ruark W C, Lawrence, 2N, 13W																
	Waltersburg, Mis	1947	750	10.6	1589.2	67	0	0	27	38	S	10	M	Mis	3211	
	Cypress, Mis	1947	50			7	0	0			S	9	ML			
	Bethel, Mis	1952	10			1	0	0		35	S	9	ML			
	Ohara, Mis	1948	580			45	0	0		36	S	20	ML			
	Spar Mt., Mis	1952	310			4	0	0			L	5	MC			
	McClosky, Mis		#			2	0	0			L	5	MC			
	McClosky, Mis	1950	#			20	0	0		38	L	3	MC			
*Rural Hill N, Hamilton, 5S, 5E																
	Cypress, Mis	1949	200	14.5	306.0	15	0	0	6		S	10	M	Dev	5120	
	Ohara, Mis	1956	110			8	0	0		35	L	6	ML			
	Spar Mt., Mis	1977	50			1	0	0			L	8	MC			
	McClosky, Mis	1949	#			1	0	0		37	L	7				
	St. Louis, Mis	1981	#			1	0	0			L	7				
	Salem, Mis	1977	20			2	0	0			L	7				
	Ullin, Mis	1976	20			1	0	0			L	35				
	Ullin, Mis	1977	70			6	0	0			L	7				
						ABO 1950,REV 1956,ABD 1969,REV 1976										
Rushville, Schuyler, 2N, 1W																
	Oevonian	1966	10	0.0	0.0	1	0	0	0	37	0	22		Trn	975	
						ABO 1969										
Rushville Central, Schuyler, 1N, 1-2W																
	Silurian	1983	50	0.0	0.0	5	5	0	5		0	20		Trn	743	
Rushville Nw, Schuyler, 2N, 2W																
	Silurian	1960	40	0.0	0.5	4	0	0	1	36	0	3	C	Trn	1038	
						ABO 1976,REV 1983										
Rushville S, Schuyler 1N, 1W																
	Oevonian	1982	10	0.0	0.0	1	0	0	0		L	5		Oev	642	
						ABO 1984										
Russellville Gas +, Lawrence, 4-5N, 10-11W																
	McClosky, Mis	1937	40	0.0	12.9	4	0	0	1	35	L	7	AC	Oev	3133	
						ABO 1958, REV 1977										
Russellville W, Lawrence, 4N, 11W																
	Spar Mt., Mis	1955	10	0.0	2.0	1	0	0	0	37	L	22		Mis	1646	
						ABO 1957										
*St. Francisville, Lawrence, 2N, 11W																
	Bethel, Mis	1914	950	x	x	90	1	0	33	32	S	6	ML	Mis	2786	
						SEE LAWRENCE COUNTY 01V. FOR PRODUCTION										
*St. Francisville E, Lawrence, 2N, 11W																
	Pennsylvanian	1941	450	3.3	744.9	39	0	0	17		S	8	A	Mis	1961	
	Waltersburg, Mis	1954	60			6	0	0		30	S	6	AL			
	Hardinsburg, Mis	1300	10			1	0	0		37	S	6	AL			
	Cypress, Mis	1950	40			3	0	0		35	S	6	AL			
	Bethel, Mis	1605	60			3	0	0		36	S	15	AL			
	Spar Mt., Mis	1941	320			25	0	0		40	0.21	S	20	A		
	McClosky, Mis	1963	10			1	0	0		36	L	5				
*St. Jacob, Madison, 3N, 6W																
	Trenton, Ord	1942	1050	17.3	4318.0	55	0	0	28	40	0.23	L	17	A	PC	5019
St. Jacob E, Madison, 3N, 6W																
	Hardin, Oev	1955	50	0.0	10.2	4	0	0	3		S	x	U	Ord	2600	
	Trenton, Ord	1955	20			1	0	0		23	L	4				
	Trenton, Ord	1979	30			3	0	0			L					
						ABO 1957,REV 1979										
*St. James, Fayette, 5-6N, 2-3E																
	Golconda, Mis	1938	3340	99.0	21897.6	351	2	0	224		L	15	A	Oev	3470	
	Cypress, Mis	1555	10			1	0	0		34	S	16	A			
	Benoist, Mis	1938	1900			201	1	0		37	0.31	S	16	A		
	Spar Mt., Mis	1746	100			1	0	0		36	S	8	A			
	Carper, Mis	1954	100			10	0	0		38	L	16	A			
	Carper, Mis	1961	1740			139	1	0		37	S	35	A			

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		
St James E, Fayette, 6N, 3E																
	Carper, Mis	1984	10	0.0	0.1	1	0	0	0			S	6		Mis	3257
			ABO 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	1990	240			18	0	0		34	0.23	L	6	A		
	Carper, Mis	2080	10			1	0	0		38		L	6	A		
		3288	290			19	0	0		36		S	28			
*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		
		2815	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	2340	880			67	1	0		37	0.17	L	8	A		
	Cypress, Mis	2390	10			1	0	0		38		L	8	A		
	Bethel, Mis	2550	11160			839	11	5		38	0.28	S	12	A		
	Benoist, Mis	2740	1140			65	11	0		37		S	20	A		
	Aux Vases, Mis	2780	590			50	1	0				S	10	A		
	Ohara, Mis	2825	4430			324	19	3		37		S	13	A		
	Spar Mt., Mis	2900	9410			34	6	0		37		OL	6	A		
	McClosky, Mis	2900	#			258	7	1		33		LS	8	A		
	St. Louis, Mis	2925	#			378	10	2		40		OL	8	A		
	Salem, Mis	3310	310			33	9	1		39		L	11	A		
	Devonian	3260	230			22	5	4				L	12	A		
		4586	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	2695	120			11	1	0		36		S	7	O		
	McClosky, Mis	3100	450			20	0	1		37		L	7	O		
	St. Louis, Mis	3020	#			9	0	0		37		L	6			
	Salem, Mis	3228	180			12	0	0		38		L	6			
			ABD 52, REV 55, ABD 56, REV 60, ABO 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		37		L	2	MC		
			ABO 49, REV 50, ABO 51, REV 55, ABO 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	1780	10900			641	1	0		37		S	7	A		
	Aux Vases, Mis	1778	10			1	1	0				S	40	A		
	Ohara, Mis	1825	7590			822	0	0		37	0.21	L	3	A		
	Spar Mt., Mis	2075	9720			2	0	0		37		L	3	A		
	McClosky, Mis	2100	#			157	5	0		37		LS	15	A		
	St. Louis, Mis	2050	220			903	3	0		35		L	17	A		
	Salem, Mis	2100	1400			20	0	0		37		L	17	A		
	Devonian	2160	6000			279	0	0		37		L	17	A		
	Trenton, Ord	3440	1930			675	0	0		42	0.28	L	40	A		
		4500				152	0	0		37		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, ABO 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	2900	200			17	0	0				S	4			
		3115	10			1	0	0				S				
			ABD 1976, REV 1981, ABD 1982													

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
Samsville NW, Edwards, 1N, 10E															
	Ohara, Mis	1955	140	6.0	38.4	8	0	0	5	38	L	4		Mis	4150
	Spar Mt., Mis	1955	130			5	0	0			L	10			
	McClosky, Mis	1970	#			2	0	0			OL	5			
	Salem, Mis	1980	20			2	0	0			L	20			
			ABD 1956,REV 70,ABO 72,REV 80												
Sandoval, Marion, 2N, 1E															
	Cypress, Mis	1909	510	5.0	6444.3	161	0	0	16		S	10	R	Stp	5023
	Benoist, Mis	1909	20			1	0	0		37	S	20	Rd		
	Geneva, Oev	1909	480			124	0	0		35	S	9	Rd		
		2920	260			35	0	0		38	0.38	0			
Sandoval W, Clinton, 2N, 1W															
	Cypress, Mis	1946	20	0.0	26.3	2	0	0	1	37	S	4	A	Mis	1604
			ABD 1960,REV 1981												
Santa Fe, Clinton, 1N, 3W															
	Cypress, Mis	1944	10	0.0	1.5	1	0	0	0	34	S	10	A	Oev	2542
			ABO 1947												
Santa Fe E, Washington, 1N, 3W															
	Silurian	1982	10	0.0	1.3	1	0	0	1		L	8		Sil	2664
*Schnell, Richland, 2N, 9E															
	Aux Vases, Mis	1938	220	0.6	388.5	18	0	0	7		S	10		Mis	3690
	Spar Mt., Mis	1969	130			8	0	0			S	15			
	McClosky, Mis	1974	120			1	0	0			OL	5	AC		
		1938	#			10	0	0		39	0.19				
Schnell E, Richland, 2N, 9E															
	Spar Mt., Mis	1954	170	3.2	85.8	12	0	0	9		S	5		Mis	3776
	McClosky, Mis	1978	170			6	0	0			L	4	AC		
		1954	#			7	0	0		38					
			ABO 1954,REV 1978												
Sciota, McDonough, 7N, 3W															
	Oevonian	1960	10	0.0	0.0	1	0	0	0	28	L	16		Sil	760
			ABO 1960												
*Seminary, Richland, 2N, 10E															
	McClosky, Mis	1945	120	0.0	228.8	9	0	0	1	38	L	x	MC	Mis	3845
	Salem, Mis	1945	120			9	0	0			L	4			
		1981	10			1	0	0							
			ABD 1966,REV 1981												
*Sesser C, Franklin, 5-6S, 1-2E															
	Cypress, Mis	1942	1960	63.2	4128.3	132	2	0	88		S	5	A	Oev	4688
	Renault, Mis	1953	50			3	0	0		38	S	10	AL		
	Aux Vases, Mis	2690	340			26	0	0		37	0.17	8	AC		
	Ohara, Mis	1942	1440			86	1	0		38	0.17	10	AL		
	Spar Mt., Mis	1951	260			8	0	0			L	8	A		
	McClosky, Mis	1944	#			6	0	0			L	10	AC		
	St. Louis, Mis	1944	#			7	1	0		39	L	5	AC		
	Clear Creek, Oev	1949	170			2	0	0		37	L	20	AC		
						12	0	0		40	D	x	ACU		
Sharpsburg, Christian, 14N, 2W															
	Oevonian	1974	40	0.0	6.1	3	0	0	1		L	3	MU	Sil	2062
	Silurian	1975	30			2	0	0			L	3			
		1990	10			1	0	0							
*Shattuc, Clinton, 2N, 1W															
	Cypress, Mis	1945	300	7.8	874.5	42	1	0	21		S	7	A	Ord	4146
	Benoist, Mis	1945	150			15	0	0		36	S	13	AL		
	Trenton, Ord	1947	80			7	0	0		35	S	13	AL		
		1948	220			21	1	0		40	L	13	A		
Shattuc N, Clinton, 2N, 1W															
	Benoist, Mis	1961	10	0.0	2.4	1	0	0	0	36	S	7		Trn	4134
			ABO 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			Character of oil		Pay zone	Deepest test Depth (ft)	
				During 1986	To end of 1986	Completed end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API			Sulfur percent
Shawneetown, Gallatin, 9S, 9E													
	Palestine, Mis	1720 1945	80	0.0	16.9	6	0	0	0	35	S	Mis	2837
	Waltersburg, Mis	1900 1955	40			2	0	0		37	S	M	
	Tar Springs, Mis	1960 1955	10			1	0	0		37	S	M	
	Cypress, Mis	2375 1956	60			3	0	0		37	S	M	
	Bethel, Mis	2400 1968	10			1	0	0		38	S	M	
	Aux Vases, Mis	2650 1945	10			1	0	0		38	S	M	
	ABO 1950, REV 1955, ABO 1960, REV 1968, ABO 1969												
Shawneetown E, Gallatin, 9S, 10E													
	Waltersburg, Mis	1855 1952	30	0.0	18.3	4	0	0	2	37	S	Mis	2830
	Bethel, Mis	2480 1955	10			2	0	0		37	S	M	
	Aux Vases, Mis	2660 1952	10			1	0	0		38	S	M	
*Shawneetown N, Gallatin, 9S, 10E													
	Aux Vases, Mis	2750 1948	50	0.0	104.9	4	0	0	0	38	S	Mis	3131
	McClosky, Mis	3045 1948	40			3	0	0		36	L	M	
	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	Mis	3301
Shumway, Effingham, 9N, 5E													
	McClosky, Mis	2223 1965	20	0.0	3.4	2	0	0	0	37	L	Mis	2470
	St. Louis, Mis	2431 1982	10			1	0	0			L		
	ABD 1969, REV 1982, ABD 1984												
Sicily, Christian, 13N, 4W													
	Silurian	1860 1956	70	0.0	69.4	7	1	0	1	39	L	Sil	1920
	ABO 1967, REV 1986												
Sigel, Effingham, 9N, 6E													
	McClosky, Mis	2350 1981	80	0.0	43.2	6	0	0	5		L	Ord	4702
*Siggins, Cumberland, Clark, 10-11N, 10-11E, 14W													
	1st Siggins	400 1906	4430	x	x	1143	2	1	451	36	S	Trn	3341
	2nd Siggins	460	4430			912	2	0		36	S	D	
	3rd & 4th Siggins	580	#			99	1	0		36	S	D	
	Trenton, Ord	3013 1972	30			209	0	1		37	S	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	Stp	1115
*Sorento C, Bond, 6N, 4W													
	Pennsylvanian	570 1938	710	4.3	1965.0	61	0	0	8	31	S	Trn	2719
	Lingle, Dev	1875 1938	80			6	0	0		35	S	A	
	650												
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	Trn	3130
	ABD 1900												
Sparta S, Randolph, 5S, 5W													
	Cypress, Mis	880 1949	10	0.0	0.0	1	0	0	0	35	S	Mis	909
	ABD 1950												
Springerton, White, 4S, 8E													
	Aux Vases, Mis	3376 1980	90	5.2	33.0	8	0	0	6		S	Mis	3662
Springerton S, White, 4S, 8E													
	Aux Vases, Mis	3325 1976	840	68.0	1220.9	66	0	0	58		S	Mis	4500
	720												

(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
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			22	0	0		37		S	12	R	1705
										39		O			
Spring Garden, Jefferson, 4S, 3E															
	McClosky, Mis	3090 1977	370	92.8	859.1	20	0	0	18			OL	10		Mis
	Salem, Mis	3470 1983	40			18	0	0				L	4		3993
						2	0	0							
*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			S	9	A	Oev
	Spar Mt., Mis	2021 1958	70			27	0	0		38	0.18	S	4	A	3414
						5	0	0		37		S			
Stewardson E, Shelby, 9-10N, 6E															
	Aux Vases, Mis	2177 1963	30	0.0	22.9	3	0	0	2			S	6		Mis
	Spar Mt., Mis	2197 1963	10			1	0	0		38		S	6		2561
			30			3	0	0		37		S			
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 1976	110	6.6	244.6	7	0	1	4			S	4		Dev
	Aux Vases, Mis	2525 1971	40			2	0	0				S	6		4669
			70			5	0	1				S			
*Storms C +, White, 5-6S, 9-10E															
	Pennsylvanian	1320 1939	5110	191.1	22523.7	474	8	2	194			S	10	AM	Dev
	Biehl, Penn	1840 1951	370			12	0	0		29		S	4	A	5308
	Oegonia, Mis	2090 1954	180			16	0	0		35		S	7	AF	
	Clare, Mis	2100 1954	250			14	1	2		35		S	10	AL	
	Palestine, Mis	2150 1941	70			30	0	0		35		S	12	AL	
	Waltersburg, Mis	2230 1939	2740			6	0	0		35		S	10	AL	
	Tar Springs, Mis	2340 1946	300			251	1	0	32	0.28		S	15	AL	
	Hardinsburg, Mis	2476 1959	20			28	0	0		37		S	10	MF	
	Cypress, Mis	2700 1946	340			2	0	0		37		S	9	MF	
	Bethel, Mis	2810	60			25	0	0		34		S	10	MF	
	Renault, Mis	2990	20			6	1	0		37		S	x	MF	
	Aux Vases, Mis	3000 1946	1150			2	0	0		39		L	5	A	
	Ohara, Mis	3095	630			84	1	0		35		S	13	AF	
	Spar Mt., Mis	3115 1950	#			17	5	0		35		L	10	AC	
	McClosky, Mis	3055	#			30	5	0		34		L	2	AC	
	Salem, Mis	3738 1966	40			20	2	0				L	5	MC	
	Ullin, Mis	4030 1984	10			3	0	0				L	6		
						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	Mis
			ABO 1975, REV 1981												3855
Stringtown E, Richland, 4N, 14W															
	Spar Mt., Mis	3040 1981	420	4.4	120.5	28	0	0	16			S	5		Mis
	McClosky, Mis	3010 1948	420			12	0	0				L	4		3714
			#			16	0	0		37					
			ABO 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 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
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	37	L	4		Dev	5040	
	St. Louis, Mis	3365 1985	80			6	0	0			L	5				
	Salem, Mis	3635 1979	10			1	0	0			L	6				
	Ullin, Mis	3940 1961	20			2	0	0			L	6				
			230			13	2	0		38	L	15				
			ABO 1968, REV 1977													
Teutopolis, Effingham, 8N, 6E																
	Spar Mt., Mis	2402 1966	170	5.8	214.7	12	0	0	9		L	5		Dev	4037	
	McClosky, Mis	2530 1967	170			11	0	0			OL	4				
	St. Louis, Mis	2570 1967	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		S	4		Mis	2950	
	McClosky, Mis	2535 1968	50			2	0	0			OL	5				
			#			2	0	0								
			ABO 1983													
*Thackeray, Hamilton, 5S, 7E																
	Cypress, Mis	3030 1944	840	3.3	4483.6	76	0	0	29	36	S	24	A	Dev	5611	
	Aux Vases, Mis	3360 1944	30			3	0	0		37	S	15	A			
	Ohara, Mis	3435 1946	760			68	0	0			L	5	AL			
	McClosky, Mis	3500 1946	120			1	0	0		37	L	10	AC			
			#			6	0	0			L	10	AC			
Thompsonville, Franklin, 7S, 4E																
	Ohara, Mis	3110 1940	430	1.8	430.0	44	0	0	16		L	4		Dev	5400	
	Spar Mt., Mis	3190 1967	350			10	0	0			LS	4				
	McClosky, Mis	3200 1940	#			2	0	0			L	4				
	St. Louis, Mis	3450	90			20	0	0		38 0.16	L	10	A			
			#			2	0	0		39	L	10				
			ABO 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	37	S	10	A	Mis	4181	
	Aux Vases, Mis	3100 1944	20			1	0	0		35	S	20	AL			
	Spar Mt., Mis	3062 1985	960			91	1	0			L	4	AL			
			10			1	1	0			L	4				
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 1981	150			9	0	0				29				
			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	36	S	14	M	Mis	3519	
	Aux Vases, Mis	2740 1955	10			1	0	0		36	S	4	M			
	Spar Mt., Mis	2815 1967	50			4	0	0		36	S	6	MC			
	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	36	S		M	Mis	2915	
	McClosky, Mis	2875 1956	20			1	0	0		34	L	5	MC			
			60			3	0	0					MC			
			ABO 1964, REV 1983, ABO 1985													
*Tonti, Marion, 2-3N, 2E																
	Benoist, Mis	1930 1939	610	59.5	14654.4	111	2	0	66	36	S	20	R	Ord	4900	
	Aux Vases, Mis	2005 1939	140			18	0	0		37	S	30	Rd			
			200			28	2	0					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 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	
*Tonti, Marion, 2-3N, 2E (Continued from previous page)																
	Spar Mt., Mis	2125	650			16	0	0								
	McClosky, Mis	2130	#	1939		75	0	0	38	0.21	LS	12	Rd			
	Devonian	3500	80			7	0	0	37		OL	15	Rd			
											0	7	Rd			
Tovey, Christian, 13N, 3W																
	Silurian	1850	10	1955	0.0	28.0	1	0	0	0	38	L	10	Sil	1881	
			ABD	1973												
*Trumbull C, White, 5S, 8-9E																
	Pennsylvanian	830	1640	1944	19.1	3979.7	129	3	0	64			A	Mis	4401	
	Tar Springs, Mis	2528	10	1974			1	0	0			S	12			
	Cypress, Mis	2845	30	1962			2	0	0	35		S	5			
	Bethel, Mis	2955	460	1944			36	0	0	36		S	10	A		
	Aux Vases, Mis	3170	70	1959			4	2	0	37		S	9	A		
	Ohara, Mis	3230	540	1946			44	0	0	36		S	9	A		
	Spar Mt., Mis	3270	730	1946			20	0	0	36		L	15	AC		
	McClosky, Mis	3290	#	1947			15	0	0			L	6	AC		
	St. Louis, Mis	3561	30	1982			23	1	0			L	5	AC		
	Ullin, Mis	4110	20	1978			3	0	0			L	14			
							2	0	0			L	20			
*Trumbull N, White, 4S, 8E																
	Aux Vases, Mis	3325	250	1961	24.6	190.8	19	0	0	13				Mis	4960	
	Ohara, Mis	3420	200	1961			14	0	0	36		S	6			
	McClosky, Mis	3466	50	1979			1	0	0	37		L	4			
			#				4	0	0			OL	16			
			ABD	1966,REV	1979											
Turkey Bend, Perry, 4S, 2W																
	Trenton, Ord	3940	50	1957	1.8	69.3	3	0	0	3	39	L	1	Ord	4044	
*Valier, Franklin, 6S, 2E																
	Aux Vases, Mis	2685	120	1942	2.6	148.0	7	0	0	3				Mis	2900	
	McClosky, Mis	2715	110	1963			6	0	0	39		S	7			
			10	1942			1	0	0	39		L	12	ML		
			ABO	1945,REV	1963											
Vergennes, Jackson, 7S, 2W																
	Devonian	3300	310	1975	8.9	86.7	19	0	2	15	39	D	10	U	Ord	7094
Virden W, Macoupin, 12N, 7W																
	Devonian	1361	70	1963	0.2	2.8	5	0	0	2				Sil	1500	
	Silurian	1400	30	1963			2	0	0	38		L	20			
			40	1982			3	0	0			L	10			
			ABO	1971,REV	1982											
Waggoner +, Montgomery, 11N, 5W																
	Pottsville, Penn	610	40	1940	0.0	12.0	7	0	0	1	28	0.21	S	10	Sil	1945
			ABO	1949,REV	59,ABO	60,REV	63,ABD	64,REV	77							
Wakefield, Jasper, 5N, 9E																
	Spar Mt., Mis	3100	40	1946	0.8	2.5	3	1	0	1	38			Mis	3756	
	McClosky, Mis	3105	40	1946			2	0	0							
			10	1986			1	1	0			OL	6			
			ABO	1947, REV	1953, ABO	1954, REV	1986									
Wakefield N, Jasper, 5N, 9E																
	McClosky, Mis	3000	10	1953	0.0	23.2	1	0	0	0	37		L	6	Mis	3204
			ABO	1958												
Wakefield S, Richland, 5N, 9E																
	Spar Mt., Mis	3040	100	1955	0.0	7.7	8	0	0	0				Mis	3807	
	McClosky, Mis	3040	80	1981			1	0	0			S	4			
	Salem, Mis	3540	#	1955			5	0	0	37		L	4			
			20	1981			2	0	0			L	5			
			ABD	55,REV	69,ABD	74,REV	81,ABD	83								
*Walpole, Hamilton, 6-7S, 6E																
	Tar Springs, Mis	2465	110	1941	24.7	10633.6	139	0	0	63				A	Dev	5950
	Benoist, Mis	2962	10	1979			7	0	0	37		S	15	AL		
	Aux Vases, Mis	3070	2070	1941			1	0	0			S	8			
	Ohara, Mis	3152	210	1979			122	0	0	37	0.13	S	20	A		
	Spar Mt., Mis	3195	#	1954			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 Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Oeepest test Depth (ft)
				Ouring 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-ckn-ess	
*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	D.0	123.3	3	0	0	1	37	S	6	AL	Mis 3362
			ABO	1975,REV	1984									
Waltonville, Jefferson, 3S, 2E														
	Benoist, Mis	2460 1943	70	1.0	150.6	7	1	1	4				A	Dev 4500
	St. Louis, Mis	2767 1962	50			4	0	0		38 0.14	S	9	A	
	Salem, Mis	3170 1981	10			1	0	0		37	L	14		
	Borden, Mis	3577 1982	10			1	1	1			L	5		
						1	1	1			S	23		
*Wamac, Marion, Clinton, Washington, 1N, 1E, 1W														
	Petro, Penn	720 1921	310	3.5	715.8	121	0	0	3				OF	Ord 4160
	Devonian	3015 1959	310			119	0	0		36	S	20	OF	
			10			1	0	0		38	L	9	OF	
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					Oev 3050
	Benoist, Mis	1466 1962	130			15	0	0		35	S	8		
			130			13	0	0		36	S	12		
Wapella E, Oewitt, 21N, 3E														
	Devonian	1108 1962	350	46.4	3435.1	36	0	0	35					Stp 2216
	Silurian	1112 1962	30			3	0	0		31	L	5		
			350			36	0	0		31	O	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
			ABO	1930,REV	1939,CONV.					51				
Watson, Effingham, 7N, 5-6E														
	Spar Mt., Mis	2415 1957	30	0.4	66.2	3	0	1	0					Mis 2647
	McClosky, Mis	2434 1958	30			2	0	0			S	5		
			#			1	0	1		38	L	11		
			ABO	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
			ABO,GAS	STORAGE	IN ST									
Wayne City, Wayne, 2S, 6E														
	Salem, Mis	3974 1978	50	0.0	5.3	5	0	0	2		L	28		Oev 5247
Weaver, Clark, 11N, 10W														
	Cole, Mis	1565 1949	570	11.0	2491.2	46	0	0	28				R	Oev 2160
	Devonian	2030 1949	30			1	0	0		30	S	5	Rd	
			540			44	0	0		37	L	10	Rd	
*West Frankfort C, Franklin, 7S, 2-3E														
	Tar Springs, Mis	2060 1941	1790	48.6	7949.6	158	1	0	55				A	Dev 4869
	Aux Vases, Mis	2710 1947	680			70	0	0		39 0.13	S	20	A	
	Ohara, Mis	2760 1943	490			42	1	0		38	S	20	AL	
			860			45	0	0		38	L	8	AC	

(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 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		Pro- ducing end of year	GR. API			Sul- fur per- cent	Kind of rock	Thi- ckn- ness
*West Frankfort C, Franklin, 7S, 2-3E (Continued from previous page)																
	Spar Mt., Mis	2810	#			6	0	0				L	8	AC		
	McClosky, Mis	2825	1947	#		22	0	0		38		L	14	AC		
	St. Louis, Mis	3161	1980	10		1	0	0				L	2			
*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			L	6	MC		
	McClosky, Mis	3068	1959	290			3	0	0		38	OL	12	MC		
				#			14	0	0							
*Westfield, Clark, Coles, 11-12N, 11E-14W																
	Pennsylvanian	280	1904	9750	x	x	2127	111	2	523	28	S	25	D	Stp	3009
	Spar Mt., Mis	348	1984	1750			277	10	0			SL	21	D		
	Westfield, Mis	335		10			1	0	0				25	0		
	Carper, Mis	875		9640			1683	91	0		32	L	18	0		
	Devonian	1165	1984	690			40	0	0		38	S	5	0		
	Trenton, Ord	2300		10			1	0	0			L	40	0		
				1980			130	10	2		38	0.18	L			
							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	275	1949	20	0.0	0.4	2	0	0	0	28	S	5		Pen	611
	Pennsylvanian	490	1949	20			1	0	0			S	10			
				#			1	0	0							
							ABD 1957									
Whiteash, Williamson, 8S, 2E																
	Aux Vases, Mis	2464	1973	70	0.3	34.5	5	0	0	4		S	12		Mis	2651
	Ohara, Mis	2532	1972	60			4	0	0			L	8			
				20			2	0	0							
*Whittington, Franklin, 5S, 3E																
	Hardinsburg, Mis	2310	1939	1480	130.9	3793.7	135	5	0	99		S	10	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	4	A		
	Aux Vases, Mis	2735		80			5	0	0		38	S	15	A		
	Ohara, Mis	2835		150			16	1	0		38	S	10	AC		
	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			
	Oevonian	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	36	S	10	A	Mis	3535
	Renault, Mis	2700	1949	10			1	0	0		37	L	10	AL		
	Aux Vases, Mis	2700	1956	480			21	0	0		38	S	15	AL		
	Ohara, Mis	2800	1944	180			13	0	0			L	5	AC		
	Spar Mt., Mis	2780	1943	110			5	0	0			L	4	AC		
	McClosky, Mis	2900	1947	#			2	0	0		38	L	6	AC		
				#			3	0	0							
*Wilberton, Fayette, 5N, 2-3E																
	Borden, Mis	2628	1959	1100	14.3	1931.2	62	1	0	40	35	S	38		Ord	4528
	Carper, Mis	3203	1963	10			1	0	0		37	S	39			
	Lingle, Dev	3466	1961	1080			49	0	0		28	S	4			
			1959	70			6	1	0							
*Williams C, Jefferson, 2-3S, 2E																
	Cypress, Mis	2330	1948	500	7.1	1465.5	47	0	0	29		S	6	A	Oev	4578
	Benoist, Mis	2490	1983	10			1	0	0		39	S	10	AL		
	Aux Vases, Mis	2550	1949	230			17	0	0		37	S	5	AL		
	McClosky, Mis	2600	1949	410			30	0	0		37	L	x	AC		
				20			2	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				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)
*Woburn C, Bond, 6-7N, 2W																
		1940	1490	21.5	4765.6	144	0	0	50							
	Cypress, Mis	865 1950	310			20	0	0		35	S	8	A	Ord	3620	
	Benoist, Mis	1020 1940	340			38	0	0		36	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	L	12	A			
*Woodlawn, Jefferson, 2-3S, 1-2E																
		1940	1980	33.7	18637.4	203	0	3	69							
	Tar Springs, Mis	1440	30			3	0	0		35	S		A	Ord	5101	
	Cypress, Mis	1800 1943	180			3	0	0		37	S	10	AL			
	Benoist, Mis	1960 1940	1910			182	0	3		37	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	A			
	Spar Mt., Mis	2205 1947	#			17	0	0		38	LS	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							
	Aux Vases, Mis	2785 1941	10			1	0	0		35	S	13	A	Dev	4885	
	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							
	Cypress, Mis	2500 1951	260			18	0	0		37	S	6	A	Mis	4620	
	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							
	Benoist, Mis	1737 1985	10			1	1	0			S	8		Sil	3637	
	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							
	McClosky, Mis	2970 1948	40			4	0	0		38	L	7	AC	Mis	3601	
	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							
	Spar Mt., Mis	3170 1965	250			14	0	0		37	L	10		Mis	4102	
	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			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)
*Zenith N, Wayne, 2N, 6E																
	Spar Mt., Mis	1951	450	14.4	1585.5	35	1	0	19	38	L	6	A	Dev	5000	
	McClosky, Mis	1951	300			16	1	0			L	4	AC			
	Salem, Mis	1972	250			7	0	0			L	6	AC			
						17	0	0								
Zenith S, Wayne, 1N, 5E																
	Ohara, Mis	1949	310	0.0	766.1	16	0	0	0		L	6	M	Mis	3827	
	McClosky, Mis	1949	310			2	0	0			L	7	MC			
			#			14	0	0	37							
				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	
				Ouring 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	Oev	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		Oev	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
			ABO 1950											
Beardstown; Schuyler; 1N; 1W														
	Devonian	452 1983	190	0.0	0.0	15	4	0	15	L			Si1	677
	Silurian	568 1985	160 30			12 3	1 3	0 0		L	4 4			
*Beaver Creek N; Bond; 4N; 2W														
	Benoist, Mis	1132 1965	40	0.0	0.0	1	0	0	0	S	x		Oev	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			Si1	2730
	Benoist, Mis	1155 1975	80 10			1 1	0 0	0 0		S	23 13			
			ABO 1958; REV 1975											
*Bellair; Crawford; 8N; 14W														
	Carper	1722 1970	10	0.0	0.0	1	0	1	0	S	45		Oev	2732
			ABO (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	0	7	R	Trn	3813
*Boulder E; Clinton; 3N; 1W														
	McClosky, Mis Devonian	2840	90 1957 10 1981 80 1957	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	L0	5		Ord	996
*Carlinville; Macoupin; 9N; 7W														
	Pennsylvanian	365	60 ABO 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 ABO 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 Mills C; Coles, Oouglas; 14N; 7-8E														
	Cypress, Mis	1600 1941	960 680	0.0	1895.4	24	1	0	0	S	10	A	Oev	3059
	Aux Vases, Mis	1800	40			14	0	0		S	8	A		
	Spar Mt., Mis	1765	450			1	0	0		S	15	AC		
	McClosky, Mis	1844 1983	10			6	0	0		L	4			
						1	1	0						
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
*Oubois C; Washington; 3S; 1-2W														
	Cypress, Mis	1220 1939	400	0.0	0.0	10	0	0	0	S	10	AL	Ord	4217
*Oudley; Edgar; 14N; 13W														
	Pennsylvanian	300 1948	170	0.0	x	5	0	0	0	S	20	M	Stp	2997
Oudley 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	1620 1941	300 10	22.0	3996.9	19	0	0	x	S		A	Mis	4004
	Palestine, Mis	1920	120			1	0	0		S	x	x		
	Waltersburg, Mis	2055	80			3	0	0		S	20	AL		
	Tar Springs, Mis	2225	40			2	0	0		S	20	AL		
						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 MMCF		Number of wells			Pay zone Kind of rock	Pay zone Thi-ckness	Str-ucture	Deepest test Zone	Deepest test Depth (ft)
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986					
*Eldorado C; Saline; 8S; 7E													
(Continued from previous page)													
	Hardinsburg, Mis	2353	1962	120		4	0	0		S	5		
	Cypress, Mis	2460		80		2	0	0		S	20	x	
*Eldorado E; Saline; 8S; 7E													
			1953	120	6.5	1133.4	10	0	0				
	Palestine, Mis	1900		80			5	0	0		S	30	A
	Tar Springs, Mis	2135		20			5	0	0		S	20	SL
	Cypress, Mis			10			1	0	0		S		
*Eldorado W; Saline; 8S; 6E													
				20	34.2	283.0	2	0	0				Mis
	#6 Coal, Penn	390	1978	10			1	0	0		C	x	
	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		S	20	x
Fidelity; Jersey; 8N; 10W													
	St. Louis, Mis	330	1984	20	0.0	0.0	2	1	0		L	10	
Fishhook Gas; Adams, Pike; 3-4S; 4-5W													
	Edgewood, Sil	450	1955	7250	195.6	2130.4	70	0	0		L	5	AU
*+Freeburg; St. Clair; 1-2S; 7W													
	Cypress, Mis	380	1956	700	0.0	x	29	0	0		S	30	C
++Gillespie-Benld (Gas); Macoupin; 8N; 6W													
	Pennsylvanian	540	1923	80	0.0	135.8	5	0	0		S	x	A
				ABD 1935									Pen
Gillespie W; Macoupin; 8N; 7W													
	Pennsylvanian	525	1958	10	0.0	0.0	1	0	0		S	x	x
				ABD 1976									Pen
Grandview-Inclose; Clark, Edgar; 12-13N; 13-14W													
			1941	1460	49.9	x	72	7	4				M
	Pennsylvanian	400		1420			71	7	4		S		ML
	Salem, Mis	570		40			1	0	0		L	2	ML
*Greenville Gas; Bond; 5N; 3W													
	Lindley, Mis	925	1910	180	0.0	990.0	4	0	0		S	x	A
				ABD 1923; REV 1957; ABD 1958									Ord
*Griggsville; Pike; 4S; 3W													
	Silurian	360	1982	460	x	227.2	25	3	6		L	20	AU
*Harco, Harco E, Harco S; Saline; 8S; 5E													
	Mississippian	360	1954	x	0.0	2646.0	0	0	0				Mis
*Harrisburg; Saline; 8S; 6E													
	Tar Springs, Mis	2085	1952	160	0.0	93.2	1	0	0		S	6	x
				ABD 1971									Mis
*Herald C; Gallatin, White; 6-8S; 9-10E													
			1939	1080	0.0	x	19	0	0				A
	Anvil Rock, Pen	700		360			9	0	0		S	25	AL
	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		S	15	

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)
*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	2092 1975	20	0.0	0.0	2	1	0	0	S			Cam	9261
	McClosky, Mis	2050 1975	10			1	1	0		L	4	x		
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	1000 1937	1780	x	x	16	1	0	15	S	20	A		8616
	Tar Springs, Mis	1170	320			5	0	0		S	2	AL		
	Devonian	3150 1981	1440			9	0	0		S	12	AL		
			30			3	1	0		L				
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	1000 1906	x	169.3	x	x	4	0	x	S		M	Stp	5317
	Hardinsburg, Mis	1075	x			x	3	0		S		ML		
	Cypress, Mis	1425	160			1	0	0		S	40	ML		
	Benoist, Mis	1500	320			2	0	0		S	6	ML		
	Renault, Mis	1570 1980	x			1	0	0		S	9			
	Aux Vases, Mis	1527 1959	10			9	1	0		S	8	ML		
			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 dis-covery	Area proved in acres	Production MCF		Number of wells				Pay zone			Deepest test		
				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	Kind of rock	Thi-ck-ness	Str-uct-ure	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				Dev	5320
	Tar Springs, Mis	1900	1940	20			2	1	0		S		D		
				120			3	0	0		S	15	D		
*Panama; Bond, Montgomery; 7N; 3-4W															
	Pennsylvanian		1940	280	0.0	x	7	0	0	0				Ord	2950
	Benoist, Mis	575		160			4	0	0		S	30	A		
		865		120			3	0	0		S	12	A		
*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	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				Dev	5511
	Aux Vases, Mis	2988	1983	50			2	0	0		S	7	x		
				10			1	0	0		S	10	x		
*Raleigh S; Saline; 8S; 5-6E															
	Waltersburg, Mis	2014	1955	160	99.5	x	19	2	0	17	S	5		Mis	4400
						+(INCLUDES 10 OIL WELLS)									
*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	Depth (ft)	Year of discovery	Area proved in acres	Production MMCF		Number of wells			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 1986						Producing end of year
*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		S		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	1964	40			1	0	0		S	22	Rd		
	Aux Vases, Mis	825	1964	160			1	0	0		S	10	Rd		
	Silurian			160			4	0	0		L		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	0	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
				ABO 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		1973	90	256.1	421.3	6	0	0	x	S			Dev	4669
	Cypress, Mis	970	1973	30			1	0	0		S	x			
							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 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)
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														
	Pennsylvanian	250 1946	900	0.0	0.0	8	0	0	0	S	13		A	Ord
	Devonian	1000	160			1	0	0		L	10		AL	
	Trenton, Ord	1513 1963	700			6	0	0		L			A	
			40			1	0	0					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					

