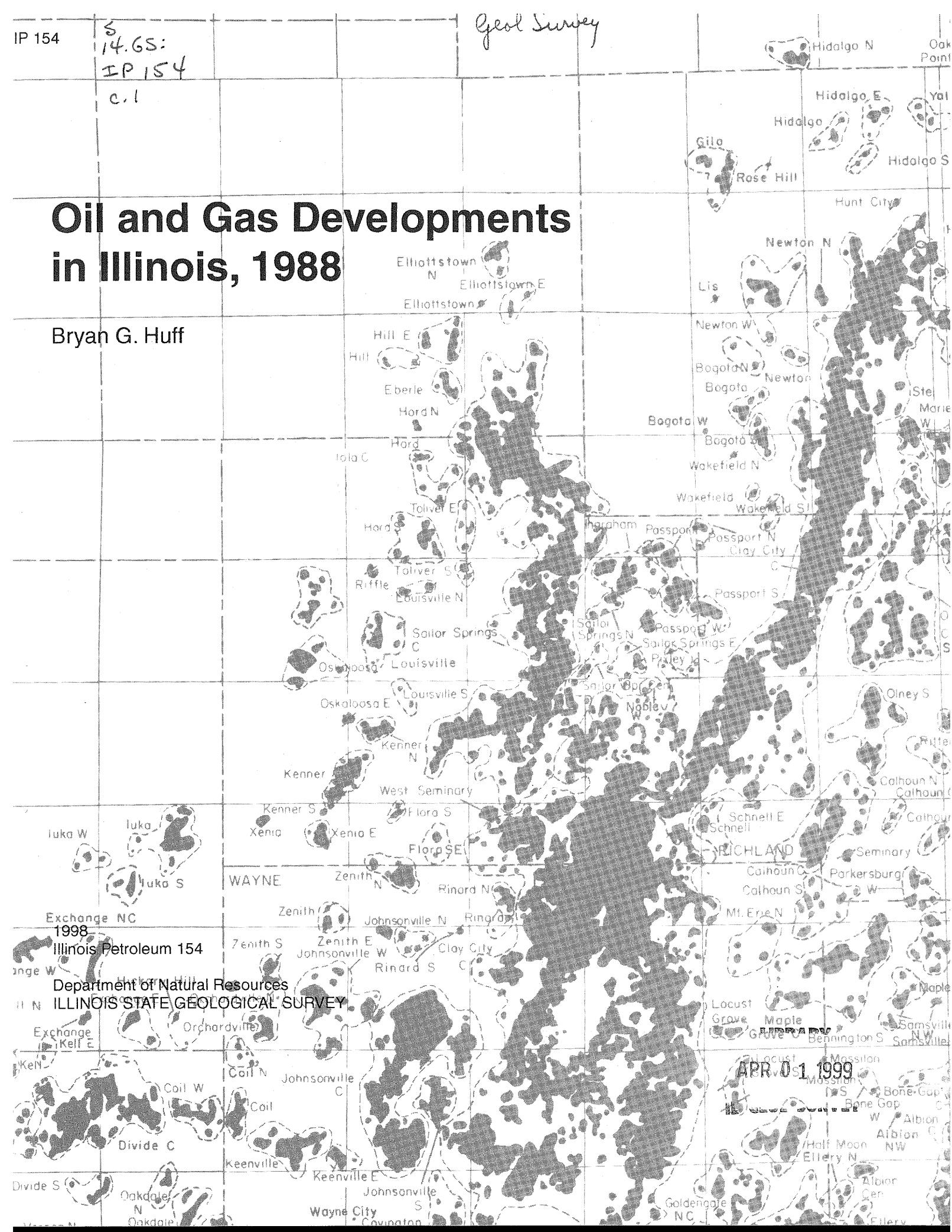


C. 1

Oil and Gas Developments in Illinois, 1988

Bryan G. Huff



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1998
Illinois Petroleum 154

ILLINOIS STATE GEOLOGICAL SURVEY
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ILLINOIS STATE GEOLOGICAL SURVEY

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ILLINOIS STATE GEOLOGICAL SURVEY

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Oil and Gas Developments in Illinois, 1988

Abstract

Illinois produced 22,476,103 barrels of crude oil in 1988. The value of this crude is estimated to be \$329.5 million.

New test holes reported for oil and gas numbered 1,058, a 63% decrease from the number reported in 1987. The tests resulted in 550 oil wells, 23 gas wells, and 477 dry holes. For oil and gas exploration and development, the total footage drilled in 1988 was 2,486,775, down from the total of 3,578,268 feet reported in 1987.

One new oil field, 11 new pay zones, and seven extensions to fields were reported in 1988.

Of the 1,058 new holes reported as oil and gas tests in 1988, 169 were $\frac{1}{2}$ mile or more from production (wildcats); eight of these were completed as producers, a success ratio of 4.7%. Of the wildcat tests, 103 were drilled more than $1\frac{1}{2}$ miles from production (wildcat fars); they resulted in one producer, a success rate of 1%.

A total of 98 service wells (e.g., water input, salt-water disposal) was reported in 1988.

Oil Production and Value

In 1988, Illinois produced 22,476,103 barrels of crude oil, 6.7% less than the 24,096,428 barrels produced in 1987.

Table 1a lists the number of holes drilled, the footage drilled, and the amount of oil produced in each county during 1988. Production data and other data for each oil field in Illinois appear in table 7.

Crude oil production data for each field are supplied by Petroleum Information, and those for the state as a whole by the crude oil purchasers in the state. The statewide data, a larger figure considered more accurate, were used to calculate total production for the state. The discrepancy between the two totals amounts to 1,730,699 barrels of crude oil, for which county and field assignments are not known (tables 1a and 7).

Nine counties produced more than 1 million barrels of oil each in 1988. Their combined production accounted for 65.6% of the total in Illinois. The combined total from fields that each produced more than 200,000 barrels of oil in 1988 accounted for 60.2% of the state's production.

Estimated from an average price of \$14.66 per barrel, the total value of crude oil produced in Illinois in 1988 was \$329.5 million.

Oil production by county

County	1988 production (bbl)	% of state total
Lawrence	2,910,491	12.9
Crawford	2,195,195	9.8
White	2,094,242	9.3
Wayne	1,740,488	7.7
Marion	1,325,673	5.9
Fayette	1,221,747	5.4
Wabash	1,150,352	5.1
Clay	1,091,929	4.8
Jefferson	1,011,224	4.5
Total	14,741,341	65.6

Oil production by field

Field*	1988 production (bbl)	% of state total
Lawrence	2,850,956	12.7
Main C	2,144,002	9.5
Clay City C	2,109,180	9.4
Salem C	1,247,883	5.5
Louden	1,243,456	5.5
New Harmony C	1,006,141	4.5
Sailor Springs C	545,060	2.4
Phillipstown C	431,142	1.9
Allendale	337,323	1.5
Albion C	311,929	1.4
Johnsonville C	285,410	1.3
Storms C	284,874	1.3
Herald C	256,756	1.1
Roland C	252,619	1.1
Benton	235,500	1.0
Total	13,542,231	60.2

* C = consolidated

Discoveries

One new oil field and 11 new pay zones in existing fields were reported in 1988 (fig. 1, tables 2 and 3). Also reported during the year were seven extensions to oil fields (table 4). The new oil field produces from Mississippian strata, and the new gas field from Silurian rocks. Of the 11 new pay zones in fields, eight produce from the Mississippian, one from the Pennsylvanian, and two from the Devonian.

The new field is small and extensive development is not anticipated.

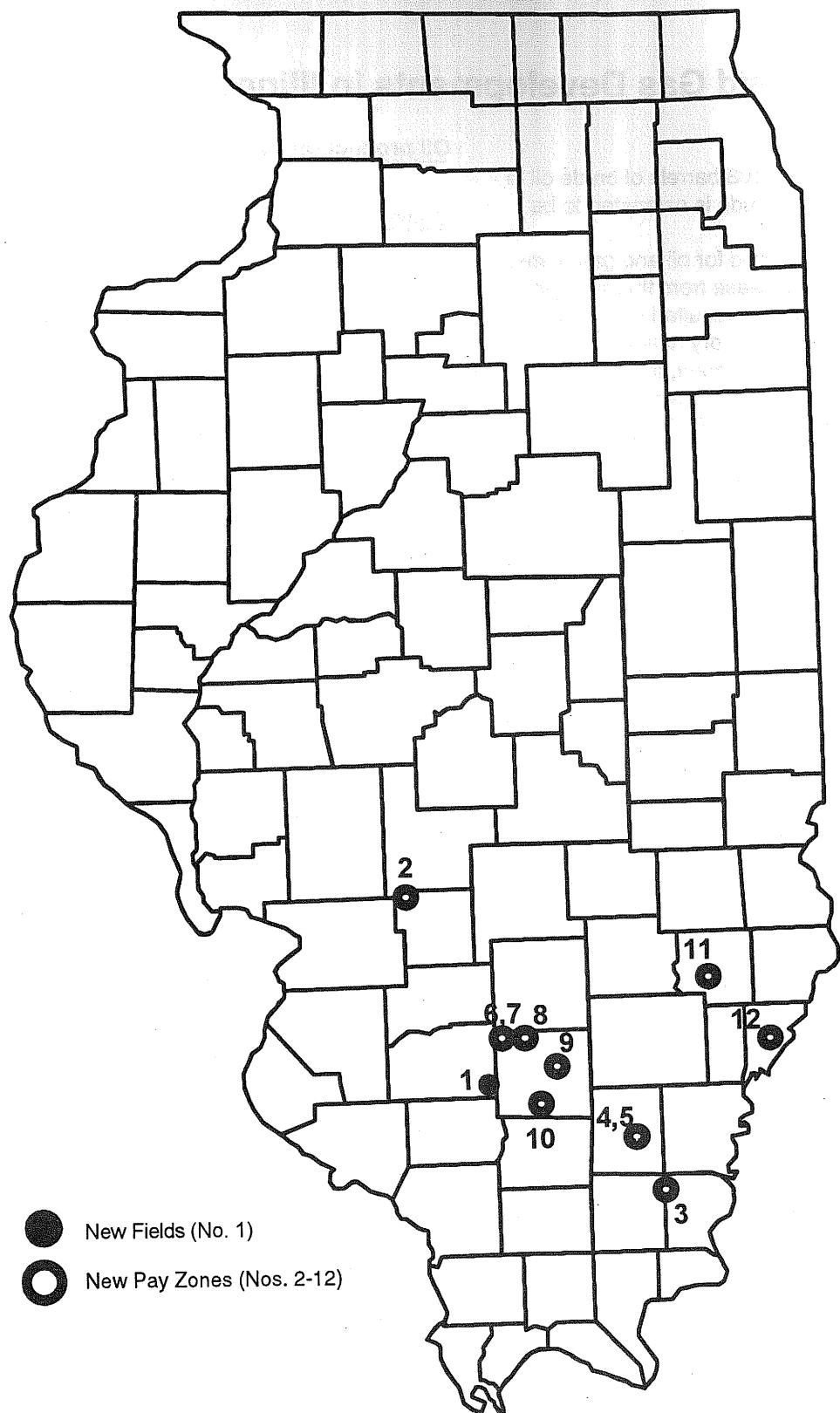


Figure 1 New field and pay zone discovery wells of 1988 (tables 2 and 3).

Exploration and Development

Of the 1,058 new oil and gas tests reported in 1988, 169 were extensional or new field wildcats ($\frac{1}{2}$ mile or more from production). Of the wildcats, eight were completed as producers, a success rate of 4.7%. Of the 66 wildcats drilled between $\frac{1}{2}$ and $1\frac{1}{2}$ miles from production (wildcat nears), seven were producers, a success rate of 10.6%. The 103 wells drilled more than $1\frac{1}{2}$ miles from production (wildcat fars) resulted in one oil producer, a success rate of 1.0%.

The deepest new pay discovery was John B. Murvin's E. Green # 1, in Calhoun North Field, Section 33, T3N, R7E, Richland County. This well was completed with an initial daily production of 10 barrels of oil from a newly discovered Salem Limestone zone at 3,819 feet.

In 1988, four holes were reported drilled to a total depth of 4,500 feet or greater. One of these tested the Devonian, and three tested Ordovician strata. Two of the deep tests were completed as producing wells. The deepest hole was Jason Recovery's Devonian test drilled to a depth of 5,454 feet in Mill Shoals field, Wayne County. The I. Lawrence # 1 was temporarily abandoned after several shows of oil in the Mississippian and Devonian. No further information on the hole has been released.

In 1988, 48 wells were reported with initial production of at least 100 barrels of oil per day (BOPD); 9 of these had an initial production of 200 BOPD or more. The highest initial production reported during the year was 960 BOPD from Jim Haley's Rudolph # 26 well in Storms Consolidated field, Section 12, T6S, R9 E, White County. This well, drilled to a total depth of 3,020 feet, produces from the Aux Vases Sandstone at a depth of 2,932 feet.

Fields Revived and Abandoned

Three fields were reported revived by successful drilling in 1988: Hoodville East in Hamilton County, Massilon in Wayne and Edwards County, and Wakefield North in Jasper County.

Two fields were reported abandoned in 1988: Marion in Williamson County and Neoga in Cumberland County.

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 form a belt across the southern end of the state, or the approximately

8,000 feet of Ordovician and Cambrian rocks that occur between the base of the St. Peter Sandstone and the top of the Precambrian basement. Pay zones are indicated on the geologic column by solid dots.

Productive Acreage

In 1988, the total area proven productive of oil was 727,303 acres, an increase of about 3,310 acres over the 1987 total. The total area proven productive of natural gas was 40,130 acres, an increase of about 310 acres over the 1987 total.

These estimates of acreage and those listed in tables 7 and 8 are based on known completed wells, their spacing, and surface geometry. These 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 in sandstone and 20 acres per well in limestone. For wells producing from depths between 4,000 and 6,000 feet, the spacing is 40 acres per well, and from depths greater than 6,000 feet, 160 acres per well.

Gas Production

A total of 1,470.7 million cubic feet of natural gas was produced and marketed in 1988, as compared with 1,371.0 million cubic feet in 1987. Estimated from an average price of \$2.19 per thousand cubic feet, the total value of this gas was \$3.221 million.

Liquified Petroleum Gas: Underground Storage

Twelve caverns produced by mining shale or limestone provide storage for 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 1988, 39 underground natural gas storage facilities in Illinois were in operation, in development, or under study for their capacities to store 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 storage 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.

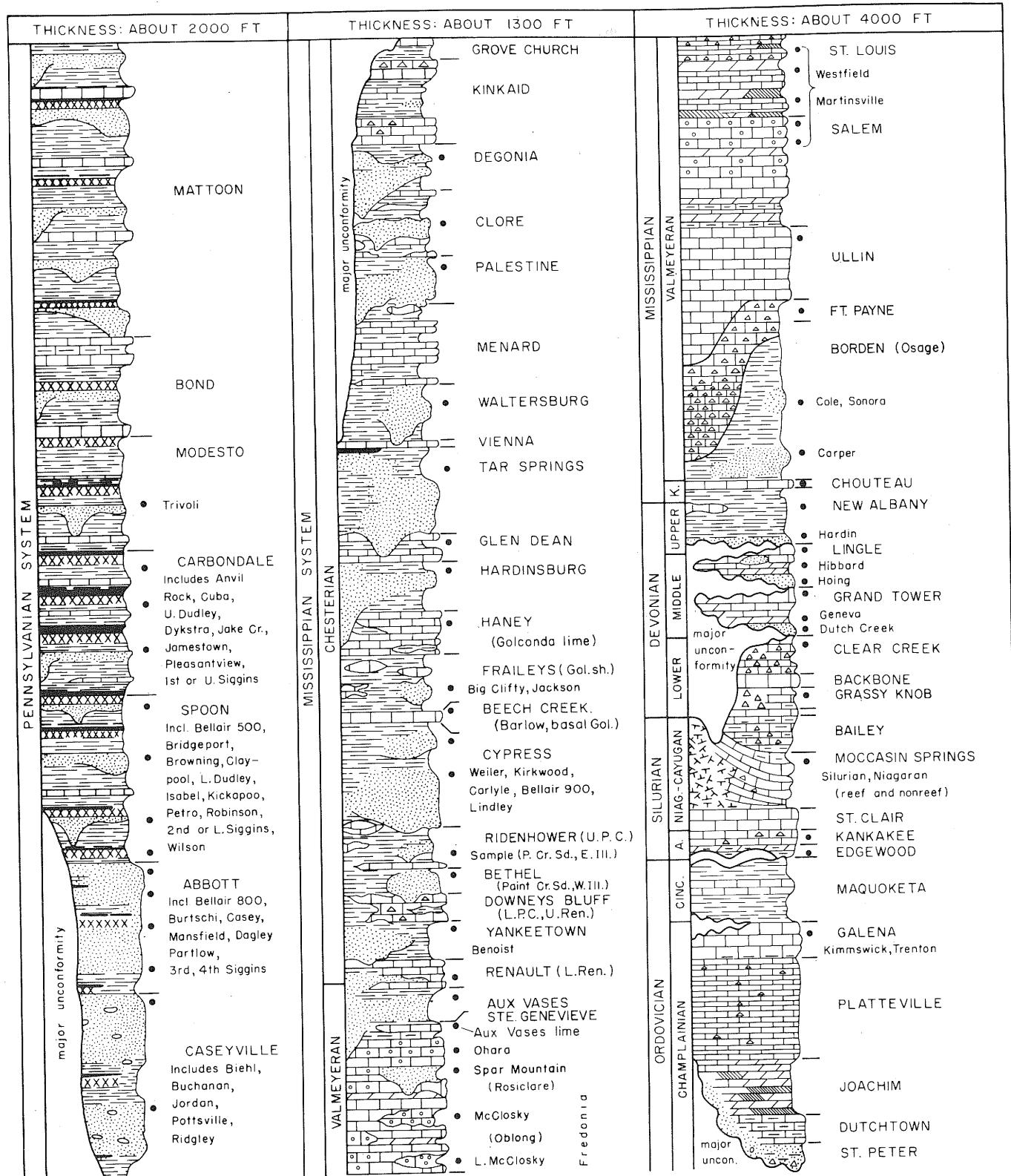


Figure 2 Generalized geologic column of southern Illinois. Solid dots indicate oil and gas pay zones. Formation names are in capital letters. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter Sandstone are not shown. Series names are abbreviated: Kinderhookian = K., Niagaran = Niag., Alexandrian = A., and Cincinnati = Cinc.

Since 1977, one of the major operating companies has curtailed its release of data on storage capacities and withdrawals. Consequently, we have not collected data since 1982. An unrevised table containing summary statistics for natural gas storage facilities was published in the annual reports for 1981 to 1985 (ISGS Illinois Petroleum 124, 125, 126, 127, and 128).

Surface storage A facility for the liquification and storage of natural gas at the Manlove Gas Storage

field in 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.

Acknowledgments

Many individuals in the oil and gas industry furnished data for this report, and I appreciate their cooperation.

Table 1a Summary of oil and gas drilling activity and oil production in 1988

County	Permits to drill	Total comple- tions	New holes		D&A to prod.*	Footage drilled production tests	Ser- vice wells**	Footage drilled service wells	Struc- ture tests	Total footage drilled	Total oil prod. (bbl)
			Prod	D&A							
Adams	4	19	-	19	-	12,376	-	-	-	12,376	4,053
Bond	9	6	1(2)	3	-	6,428	-	-	-	6,428	62,352
Brown	3	42	-	42	-	28,440	-	-	-	28,440	99,222
Cass	2	1	-	1	-	125	-	-	-	125	-
Champaign	-	1	-	1	-	280	-	-	-	280	-
Christian	12	7	1	6	-	23,527	1	2,025	-	25,552	377,207
Clark	63	33	27	6	-	20,125	5	2,322	-	22,447	204,713
Clay	40	30	13	14	3	97,957	6	17,606	-	115,563	1,091,929
Clinton	16	14	8	6	-	37,064	2	2,818	-	39,882	262,006
Coles	6	5	2	2	1	12,315	-	-	-	12,315	165,965
Crawford	178	190	171(1)	17	1	221,812	42	50,489	-	272,301	2,195,195
Cumberland	2	4	1	3	-	8,825	-	-	-	8,825	5,549
De Witt	1	1	-	1	-	1,370	-	-	-	1,370	48,807
Douglas	9	4	-	4	-	2,775	-	-	-	2,775	1,849
Edgar	19	11	1(5)	5	-	9,443	-	-	-	9,443	60,115
Edwards	33	40	25	12	3	136,737	-	-	-	136,737	579,208
Effingham	9	8	-	8	-	22,116	-	-	-	22,116	269,729
Fayette	5	12	1	11	-	27,550	-	-	-	27,550	1,221,747
Franklin	41	45	26	19	-	154,466	1	-	-	154,466	947,252
Fulton	-	1	-	1	-	755	-	-	-	755	-
Gallatin	23	13	8(1)	4	-	38,836	-	-	-	38,836	310,764
Hamilton	26	18	3	15	-	86,128	-	-	-	86,128	309,852
Hancock	1	1	-	1	-	913	-	-	-	913	120
Jackson	-	-	-	-	-	-	-	-	-	-	5,277
Jasper	22	29	14	15	-	110,157	3	8,427	-	118,584	616,116
Jefferson	49	47	22	25	-	169,412	-	-	-	169,412	1,011,224
Jersey	-	1	-	1	-	400	-	-	-	400	-
Lawrence	110	59	56	3	-	105,580	31	53,838	-	159,418	2,910,491
McDonough	5	22	-	22	-	13,384	-	-	-	13,384	1,086
McLean	1	-	-	-	-	-	-	-	-	-	-
Macon	5	5	3	2	-	13,009	-	-	-	13,009	76,014
Macoupin	62	3	-(2)	1	-	1,087	-	-	-	1,087	12,096
Madison	5	3	2	1	-	2,918	-	-	-	2,918	96,496
Marion	68	45	22	23	-	135,202	-	-	-	135,202	1,325,673
Mercer	-	1	-	1	-	870	-	-	-	870	-
Monroe	3	3	2	1	-	1,984	-	-	-	1,984	12,483
Montgomery	4	11	1(3)	7	-	9,211	1	3,280	-	12,491	2,446
Morgan	4	7	-(4)	3	-	3,089	-	-	-	3,089	284
Moultrie	2	-	-	-	-	-	-	-	-	-	2,953
Perry	7	8	-	8	-	15,462	-	-	-	15,462	7,626
Platt	-	-	-	-	-	-	-	-	-	-	163
Pike	4	8	-	8	-	4,355	-	-	-	4,355	-
Randolph	11	7	2	5	-	21,965	-	-	1	22,487	14,839
Richland	36	50	28(1)	21	-	182,583	3	1,710	-	184,293	625,670
St. Clair	2	-	-	-	-	-	-	-	-	-	21,168
Saline	31	15	9	6	-	47,915	-	-	-	47,915	265,770
Sangamon	4	4	-(1)	3	-	6,005	-	-	-	6,005	103,057
Schuylerville	37	37	3(3)	31	-	27,540	1	735	-	28,275	15,890
Scott	-	1	-	1	-	892	-	-	-	892	-
Shelby	13	3	-	3	-	7,160	1	1,985	-	9,145	49,319
Wabash	45	20	10	10	-	72,336	1	1,620	-	73,956	1,150,352
Washington	33	30	11	19	-	76,228	-	-	-	76,228	340,256
Wayne	100	75	38	37	-	304,520	-	-	-	304,520	1,740,488
White	102	54	36	18	-	193,271	-	-	-	193,271	2,094,242
Williamson	7	4	3	1	-	9,877	-	-	-	9,877	26,291
Production location unknown	-	-	-	-	-	-	-	-	-	-	1,730,699
Total	1274	1058	550(23)	477	8	2,486,775	98	145,235	1	2,632,167	22,476,103

* Gas in parentheses.

Table 1b Summary of underground natural gas storage drilling activity in 1988

County	Permits issued	Total completions	Injection and withdrawal wells		Service wells	
			New wells	Conversions	New wells	Conversions
Gallatin	1	-	-	-	-	-

Table 2 Discovery well of one new field reported in 1988

Map no.	County and location, Sec-Twp-Rng	Operator, well no., and farm	Field	Daily prod. oil/water BBL gas MCF	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date
1	Jefferson 19-3S-1E	Wood Energy, Inc. Borowiak # 1	Radom SE	20/0	Paint Creek	1906	2850	6/26/88

Table 3 Discovery wells of 11 new pay zones reported in 1988

Map no.	County and location, Sec-Twp-Rng	Operator, well no., and farm	Field	Initial daily prod. oil/water BBL gas MCF	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
2	Bond 30-7N-3W	Geo-Explorations, Inc. Laughlin # 1	Panama	178 MCFGD	Golconda	701	926	4/18/86	Also produces from Pennsylvanian
3	Gallatin 4-8S-8E	O.K.I. Gas Maybee-Pritchett 3-A	Omaha	10 MCFGD	Pennsylvanian	596	610	1/17/89	Twin well
4	Hamilton 33-5S-7E	Billy Gardner & Co J. D. Tyler # 4	Hoodville E	40/36	Ohara	3302	3420	1/4/88	Also discovered Spar Mountain pay
5	Hamilton 33-5S-7E	Billy Gardner & Co J. D. Tyler # 4	Hoodville E	40/36	Spar Mountain	3337	3420	1/4/88	Also discovered Ohara pay
6	Jefferson 19-1S-2E	Elmer Oelze, Jr. Price # 1	Boyd	10/0	Lingle	3740	5095	1/17/88	Also discovered Grand Tower Also produces from Trenton
7	Jefferson 19-1S-2E	Elmer Oelze, Jr. Price # 1	Boyd	10/0	Grand Tower	3740	5095	1/17/88	Also discovered Lingle Also produces from Trenton
8	Jefferson 21-1S-2E	John Prior Tinsley # 4	Dix S	10/50	Aux Vases	2054	2300	10/17/87	
9	Jefferson 13-3S-3E	Wilbanks Oil Triple T # 1	King North	134/23	Spar Mountain	2941	3798	10/21/87	Also produces from McClosky
10	Jefferson 10-4S-3E	Marr Energy Fitzgerrels # 1	Spring Garden	9/80	Spar Mountain	2905	3140	12/30/87	Also field extension
11	Richland 33-3N-10E	John B. Murvin E. Green # 1	Calhoun N	10/0	Salem	3819	3200	7/1/82	
12	Wabash 8-1S-12W	Keron Oil Development O'Donnell-Rigg et al. # 1	Mt. Carmel	45/10	St. Louis	2534	3096	1/15/88	Also produces from Salem

Table 4 Discovery wells of 7 extensions to fields reported in 1988

County and location, Sec-Twp-Rng	Operator, well no., and farm	Field	Initial daily prod. oil/water BBL gas MCF	Pay zone	Prod. depth (ft)	Total depth (ft)	Com- pletion date	Remarks
Williamson 4-9S-2E	Budmark Oil Co. Williamson Co. Airport # 1	Energy	25/50	Aux Vases	2370	2440	7/23/88	
Jefferson 10-4S-3E	Marr Energy Fitzgerrels # 1	Spring Garden	9/80	Spar Mountain 2905	3140	12/30/87		Also new pay in field
Marion 35-3N-2E	Marshall Lippert McMackin # 2	Tonti	110/0	McClosky	2251	2402	6/17/88	
Marion 33-4N-4E	Ceja Corporation Gar y Miselbrook # 1	Miletus	135/0	McClosky	2330	2868	10/18/84	
Saline 33-7S-7E	John L. Rister Wilbur Fowler # 1	Eldorado C	15/2	Tar Springs	2278	2305	8/8/88	
Schuylerville 31-2N-1W	Precision Oil Production Karl Schafer # 1	Rushville Central	NA	Silurian	NA	745	10/8/87	
Wabash 23-1N-13W	Interoil, Inc. Schuler & Guiswite # 1-A	New Harmony C	20/0	Spar Mountain 2595	2710	3/5/85		

Table 5 Selected unsuccessful deep tests in 1988

County and location, Sec-Twp-Rng	Operator, well no., and farm	Field or wildcat	Deepest strata tested	Depth to top (ft)	Total depth (ft)	Completion date
Washington 35-3S-1W	Elmer Oelze, Jr. White # 1	Wildcat	Trenton	NA	4565	7/16/87
Wayne 31-2S-8E	Jason Recovery Systems I. Lawrence #1	Mill Shoals	Dutch Creek	5,448	5,454	3/1/88

Table 6 Underground storage facilities for liquified petroleum gases in Illinois, January 1, 1988

Company	Location	Type of storage	Depth (ft)	Stratigraphic unit	Capacity (bbl)
General Facilities Inc.	Wood River, Madison	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	304 538	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	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	350,000 800,000
Warren Petroleum Corp.	Crossville, White County	Mined shale	-	Pennsylvanian	52,000

Table 7 Illinois oil field statistics, 1988: 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.
Rock type	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, 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 cannot be determined.

Table 7 Illinois oil field statistics, 1988

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area covered in acres	Production (1000 bbls)	Number of wells				Character of oil		Pay zone	Deepest test			
					To end of 1988	During 1988	Completed to end of 1988	Re- port- ed end of 1988	An- doned 1988	Pro- duc- ing end of 1988	Sul- fur GR. API (%)	Thick- ness Rock type (ft)	Struc- ture (ft)		
Ab Lake, Gallatin, 8S, 10E															
Pennsylvanian		1947	120	1.6	145.5		17	0	0	9		M	Mis	2953	
Palestine, Mis		805 1957	40				4	0	0	35	S	10	M		
Waltersburg, Mis		1835 1954	10				1	0	0	36	S	5	MF		
Renault, Mis		2000 1957	40				3	0	0	37	S	10	M		
Aux Vases, Mis		2735	20				2	0	0	35	L	8	MF		
McClosky		2770	50				5	0	0	35	S	9	MF		
		2878 1985	30				3	0	0		L		C		
Ab Lake South, Gallatin, 9S, 10E															
Aux Vases, Mis		2798 1959	30	0.0	3.8		3	1	0	2	36	S	6	M	Mis 3610
						ABD 1963, REV 1984									
*Ab Lake West, Gallatin, 8-9S, 9-10E															
Pennsylvanian		1950	460	0.3	551.6		35	0	0	16		M	Mis	4077	
Waltersburg, Mis		725 1954	50				3	0	0	35	S	10	ML		
Tar Springs, Mis		2020 1956	300				19	0	0	37	S	20	ML		
Cypress, Mis		2075 1958	30				2	0	0	38	S	10	ML		
Aux Vases, Mis		2425 1954	10				1	0	0	36	S	9	ML		
McClosky, Mis		2735	180				18	0	0	36	S	6	ML		
		2830	20				2	0	0	38	L	2	MC		
*Aden C, Wayne, Hamilton, 2-3S, 7E															
Aux Vases, Mis		1938	2540	17.1	13758.0		141	0	0	63		A	Dev	5450	
Ohara, Mis		3200 1938	1620				68	0	0	39	S	10	A		
Spar Mt., Mis		3290 1943	2130				12	0	0	35	L	7	A		
McClosky, Mis		3320 1943	#				6	0	0	35	LS	5	AC		
Salem, Mis		3350 1938	#				84	0	0	35	L	4	A		
Ullin, Mis		3735 1948	90				12	0	0	36	L	16	AC		
Lingle, Dev		4132 1959	80				7	0	0	39	L	16	AC		
Dutch Creek, Dev		5182 1968	10				1	0	0		SS	10			
		5318 1959	30				3	0	0	40	S	10	A		
Aden East, Wayne, 2S, 7E															
McClosky, Mis		3434 1961	10	0.0	0.0		1	0	0	0	39	OL	6	Mis	3552
						ABD 1961									
*Aden South, Hamilton, 3S, 7E															
Aux Vases, Mis		1945	380	0.0	868.6		32	0	0	9		A	Dev	5500	
Ohara, Mis		3245 1946	170				10	0	0	39	S	8	AL		
Spar Mt., Mis		3310	380				3	0	0	37	L	7	AC		
McClosky, Mis		3330	#				8	0	0	37	LS	8	AC		
Salem, Mis		3395 1945	#				18	0	0	38	L	9	AC		
		4190 1983	10				1	0	0		L	4			
*Akin, Franklin, 6S, 4E															
Cypress, Mis		1942	770	4.2	2488.7		60	0	0	9		A	Mis	4300	
Aux Vases, Mis		2840 1942	220				14	0	0	35 0.14	S	10	AL		
Ohara, Mis		3100	530				41	0	0	37 0.12	S	22	AL		
McClosky, Mis		3100 1956	70				4	0	0	38	L	18	AC		
		3270 1943	#				1	0	0	38	L	9	AC		
Akin West, Franklin, 6S, 4E															
Cypress, Mis		1948	160	1.7	280.1		11	0	0	7		A	Dev	5185	
Ohara, Mis		2715 1950	30				2	0	0	35	S	8	AL		
Spar Mt., Mis		3050 1948	110				3	0	0	37	L	10	AC		
McClosky, Mis		3080 1948	#				2	0	0		L	12	AC		
Salem, Mis		3130	#				3	0	0	39	L	4	AC		
Ullin, Mis		3663 1962	10				1	0	0	38	L	10			
		3994 1962	20				2	0	0	37	L	10			
Albion Cen, Edwards, 2S, 10E															
Ohara, Mis		1955	140	0.5	148.5		11	0	0	5		Mis	4260		
Spar Mt., Mis		3350 1955	140				10	0	0	37	L	5			
McClosky, Mis		3427 1982	#				1	0	0		S	5			
		3395	#				1	0	0		L	4			
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W															
		1940	10290	311.9	37127.2		860	8	0	460		AM	Dev	5200	
Mansfield, Penn		1650	2190				7	0	0	28	S	5	MF		
Bridgeport, Penn		1900	#				30	0	0	29 0.16	S	15	MF		
Biehl, Penn		2000	1944	#			179	1	0	37 0.16	S	15	MF		
Deconia, Mis		2125	20				3	0	0	35	S	9	MF		
Waltersburg, Mis		2365	1949	760			74	0	0	36	S	16	AL		
Tar Springs, Mis		2460	1944	200			12	0	0	37	S	5	AL		
Hardinsburg, Mis		2635	70				6	0	0	36	S	10	A		
Cypress, Mis		2860	1400				108	1	0	37	S	15	A		

(Continued on next page)

Table 7 *continued*

Pool, county location by township and range	Pay zone	Year of proved	Area in depth dis- (ft) covey	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test	
					Com- pleted	To end of 1988	Re- ported to port end of 1988	Anab- doned 1988	Pro- ducing 1988	Sul- fur API (%)	Rock ness type	Thick- ness (ft)		
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W												(Continued from previous page)		
Paint Creek, Mis	2926	1984	20		2	0	0				S	4		
Bethel, Mis	2960		1420		98	0	0		36		S	14	AF	
Benoist, Mis	3000		1060		80	1	0		34		S	13	AF	
Renault, Mis	2988	1980	300		29	0	0				S	8		
Aux Vases, Mis	3045	1942	2860		202	1	0		37		S	18	AF	
Ohara, Mis	3110	1943	4110		43	0	0		40		L	5	AC	
Spar Mt., Mis	3130		#		36	1	0		38		L	10	AC	
McClosky, Mis	3200	1940	#		188	3	0		37		L	12	AC	
St. Louis, Mis	3310	1983	40		4	0	0				L	6		
Salem, Mis	3596	1980	100		8	0	0				L	8		
Ullin, Mis	3968	1980	70		7	0	0				L	10		
*Albion East, Edwards, 2S, 14W														
Cypress, Mis	2800	1943	1630	16.8	2786.0	133	1	1	78		A	Mis	3982	
Bethel, Mis	2920		340			27	0	0	32		S	7	A	
Benoist, Mis	2925		250			11	0	0	38		S	6	AL	
Renault, Mis	3001	1980	60			27	0	0	38		S	10	AC	
Aux Vases, Mis	3020		410			4	1	0			S	8		
Ohara, Mis	3100	1943	890			30	0	0	34	0.14	S	17	AL	
Spar Mt., Mis	3125	1947	#			17	0	0	38		L	7	A	
McClosky, Mis	3155		#			26	0	1			L	7	A	
St. Louis, Mis	3260	1983	20			22	0	0			L	1		
Albion Northwest, Edwards, 1S, 10E														
Ohara, Mis	3280	1984	270	33.1	162.5	20	4	0	18		L	6	Mis	4145
McClosky, Mis	3300	1967	#			16	4	0			L	6		
Albion West, Edwards, 3S, 10E														
Ohara, Mis	3230	1976	40	1.1	22.1	3	0	0	2		L	8	Mis	3762
McClosky, Mis	3375	1953	#			2	0	0			L	5		
ABD 1953, REV 1976														
*Allendale, Wabash, Lawrence, 1-2N, 11-13W														
Pleasantview, Penn	1912	11000	337.3	26162.7		1300	8	10	405		S	30	AM	
Bridgeport, Penn	660		6950			0	0	0			S	12	AM	
Buchanan, Penn	1070		#			4	0	0			S	15	AM	
Biehl, Penn	1290		#			0	0	0			S	20	AM	
Jordan, Penn	1450		#			763	4	3	33		S	10	AM	
Waltersburg, Mis	1490		#			30	0	0			S	15	AM	
Tar Springs, Mis	1540		380			33	0	0	31		S	20	AM	
Hardinburg, Mis	1600		330			30	1	3	30		S	10	AM	
Cypress, Mis	1780		10			2	0	0	34		S	10	AM	
Sample, Mis	2120					114	0	1	34		S	5	AM	
Bethel, Mis	2176		1340			13	0	0	35		S	10	AM	
Aux Vases, Mis	2010		#			106	0	1	35		S	10	AM	
Ohara, Mis	2280		180			14	0	0	37		S	12	AM	
Spar Mt., Mis	2300		#			34	1	1			L	10	AM	
McClosky, Mis	2300		#			23	1	0			LS	5	AM	
St. Louis, Mis	2275	1967	50			57	2	1	36		L	8	AM	
Salem, Mis	2774	1966	140			5	0	0	39		L	15		
Ullin, Mis	2806	1966	40			11	1	0	39		L	10		
						3	0	1	39		L	12		
Alma, Marion, 4N, 2E														
Cypress, Mis	1805	1941	130	4.6	118.3	11	0	0	5		S	7	AL	
Benoist, Mis	1945	1942	80			1	0	0	35		S	8	AL	
Aux Vases, Mis	2065	1982	60			9	0	0	36		S	3		
Spar Mt., Mis	2085	1941	40			3	0	0			S	10	AC	
McClosky, Mis	2196	1986	10			3	0	0	36	0.26	L	6		
ABD, REV 1982														
Amity, Richland, 4N, 14W														
Aux Vases, Mis	3060	1977	90	1.5	79.1	7	0	0	4		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														
Spar Mt., Mis	2890	1953	400	4.6	202.3	27	0	0	23		L	4		
McClosky, Mis	2905	1981	90			27	0	0	38		L	3		
			#			1	0	0						
ABD 1953, REV 1979														

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of depth (ft) covered	Area in acres	Production (1000 bbls)		Number of wells			Character of oil			Pay zone	Deepest test Depth Zone (ft)		
				To end of 1988	During 1988	Com- pleted to end of 1988	Re- port- ed 1988	Aban- doned 1988	Pro- duc- ing year	Sul- fur GR. API (%)	Rock ness	Thick- ness type			
Amity W, Richland, 4N, 14W													Mis	3145	
	Aux Vases, Mis	1953 2925	40 10	0.0	0.0	3 1	0 0	0 0	1 38		S S	12 5			
	Spar Mt., Mis	1953 2953	30			2 ABD 1954, REV 1981	0 0	0 0							
*Ashley, Washington, 2S, 1W													Trn	4335	
	Benoist, Mis	1953 1430	220 210	5.5	553.5	16 15 1	0 0 0	0 0 0	14 30		S L	7 34			
Trenton, Ord	1983	10													
*Ashley E, Washington, 2S, 1W													Mis	2030	
	Benoist, Mis	1636	1969	60	0.0	67.5	5	0	0	5	S	6			
Ashmore E, Coles, 13N, 14W													Dev	1228	
	Pennsylvanian	415	1956	60	0.0	0.8	6	0	0	4 30	S	14			
						ABD 1957, REV 1962									
Ashmore S +, Coles, Clark, 12N, 10-11E, 14W													Trn	2260	
	Pennsylvanian	1958	350	0.7	60.4	25 24 1	0 0 0	0 0 0	12 24 38		S L	x 17	AL		
Mississippian	420	1958	350												
	475	1963	20												
Assumption Cen, Christian, 13N, 1E													Sil	2566	
	Cypress, Mis	1961 1176 1220 St. Louis, Mis	1985 1984 1986	220 10 190	55.7	243.7	18 1 14 1 2	0 0 0 0 0	0 0 0 0 0	16					
Devonian	2433	1961	20												
						ABD 1961, REV 1984									
*Assumption C, Christian, 13-14N, 1E													Ord	3070	
	Benoist, Mis	1948 1050 1170	2630 1949 1949	59.9 630 220	11005.5	208 52 17 141	0 0 0 0	0 0 0 0	70		S S L L	13 4 8 A	A		
Spar Mt., Mis	1948												AL		
Lingle, Dev	2300	1948	2430												
Assumption S, Christian, 12N, 1E													Sil	2800	
	Lingle, Dev	2630	1951	60	0.6	28.2	4	0	0	2 39	L	15			
Ava-Campbell Hill +, Jackson, 7S, 3-4W													Trn	3582	
	Cypress, Mis	780	1916	140	0.0	25.0	16	0	0	0 36	S	18	A		
						ABD 1943, REV 1956, ABD 1957									
Baldwin, Randolph, 4S, 6W													Trn	2234	
	Silurian	1535	1954	30	0.2	15.6	3	0	0	1 32	L	x	R		
Bannister, Marion, 2N, 3E													Dev	4226	
	Aux Vases, Mis	2570	1973	10	0.0	8.6	1	0	0	0	S	5			
						ABD 1978									
*Barnhill, Wayne, White, 2-3S, 8-9E													Dev	5560	
	Cypress, Mis	1939 2962 Aux Vases, Mis	1985 3325 3370	3130 10 1390	91.8	7406.8	267 1 112 23 24 89 6 44 3	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	141			A		
Ohara, Mis	1943												AL		
Spar Mt., Mis	3400	#											AC		
McClosky, Mis	3450	1939	#										AC		
St. Louis, Mis	3520	60											AC		
Salem, Mis	3795	760											AC		
Ullin, Mis	4215	30											AC		
*Bartelso, Clinton, 1-2N, 3W													Dev	4212	
	Cypress, Mis	1936 985	620 420	20.9	4420.0	117 76 42	0 0 0	0 0 0	42		S L	15 12	A D R		
Silurian	1936 2420	440													
*Bartelso E, Clinton, 1N, 3W													Dev	2900	
	Silurian	2550	1950	220	2.1	1013.7	24	0	0	19 42	L	7	R	Sil	

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covey	Area in acres	Production (1000 bbls) During 1988	To end of 1988	Number of wells			Character of oil			Pay zone	Deepest test Depth Zone (ft)
						Completed to end of 1988	Re- port end of 1988	Aban- doned end of 1988	Pro- duc- ing	Sul- fur GR. API (%)	Rock ness type		
Bartelso S, Clinton, 1N, 3W	Devonian	2475 1942	60 0.0	23.7		3 0 0	0 40 0.15	L	3 A	Dev	2652	ABD 1962	
Bartelso W, Clinton, 1N, 3-4W	Cypress, Mis	1945 960 1945	290 290	0.4 113.4		22 19 1	0 0 0	6 36 40	S L	15 7 A	Sil	2600	
	Silurian	2439 1961	10										
*Beaucoup, Washington, 2S, 2W	Clear Creek, Dev	1951 3050 1951	280 280	0.7 390.5		14 14 1	0 0 0	10 39 39	L L	12 5 A	Trn	4192	
	Trenton, Ord	4095 1952	10										
*Beaucoup S, Washington, 2S, 2W	Benoist, Mis	1430 1951	260 1.5	1103.7		22 0	0 0	12 35	S	9 AL	Ord	4170	
*Beaver Creek, Bond, Clinton, 3-4N, 2-3W	Benoist, Mis	1130 1942	180 2.7	324.4		17	0 0	4 34 0.25	S	6 A	Sil	2558	
Beaver Creek N, Bond, 4N, 3W	Benoist, Mis	1115 1949	80 0.0	0.7		6 0	0 0	0 24	S	4 A	Dev	2615	
			ABD 1954, REV 1958, ABD 1964										
*Beaver Creek S +, Clinton, Bond, 3-4N, 2-3W	Cypress, Mis	1946 1005	600 20	4.4 817.8		55 2	0 0	26 36	S S	20 7 A	Sil	2606	
	Bethel, Mis	1076 1974	10										
	Benoist, Mis	1140 1946	570										
Beckemeyer Gas +, Clinton, 2N, 3W	Cypress, Mis	1070 1956	10 0.0	0.0		1 0	0 0	0	S	23	Sil	2730	
			ABD 1958										
*Bellair, Crawford, Jasper, 8N, 14W	Pennsylvanian	1907 560	2420 2210	x x		568 316	0 0	94 29	S	30 AM	Dev	2732	
	Pennsylvanian	815	#										
	Mississippian	885	#										
	Cypress, Mis	950	120										
	Benoist, Mis	1000	440										
	Renault, Mis	830	30										
	Aux Vases, Mis	800	220										
	Chara, Mis	860	110										
	McClosky, Mis	1436 1982	#										
	St. Louis, Mis	1654 1985	10										
	Carper	1748 1969	50										
	SEE CLARK COUNTY DEV. FOR PRODUCTION												
*Belle Prairie, Hamilton, 4S, 6-7E	McClosky, Mis	3420 1940	300 3.3	1143.2		17 0	0 0	8 38 0.12	L	6 AC	Dev	5483	
Belle Prairie W, Hamilton, 4S, 5E	Salem, Mis	1959 4120	160 1980	12.1 130	239.5	16 12	0 0	12	L	10	Dev	5445	
	Ullin, Mis	4206 1959	50			5	0 0	37	L	6			
Belle Rive, Jefferson, 3S, 4E	Aux Vases, Mis	1943 2980	200 1984	2.6 10	469.7	10 1	0 0	7	S	10 6 AC	Dev	5200	
	McClosky, Mis	3085 1943	110										
	Salem, Mis	3838 1982	50										
	Ullin, Mis	3981 1980	20										
	Devonian	4932 1980	20										
Belle Rive S W, Jefferson, 4S, 4E	McClosky, Mis	1982 3304	100 1982	72.5 100	128.0	8 8	2 2	0 0			Mis	4120	
	Salem, Mis	3651 1982	10			1	0	0			L	11	

Table 7 continued

Pay zone	Year of proved in 1988	Area in acres	Production (1000 bbls)	Number of wells			Character of oil GR. fur year API (%)	Pay zone	Deepest test Zone
				Com- pleted end 1988	Re- to port end 1988	Aban- doned end 1988			
Pool, county location by township and range									
Name and age	Depth (ft)	dis- covery		To end 1988	During 1988	of 1988			
Bellmont, Wabash, 1S, 13-14W									
Bethel, Mis	1951	30	0.0	73.0			0		M
Ohara, Mis	2650 1951	10			1	0	0	38	ML
	2840 1951	20			3	0	0	40	MC
				ABD 1972					
*Beman, Lawrence, 3N, 11W									
Aux Vases, Mis	1942	630	5.5	433.4			11		A
Ste. Gen., Mis	1805 1942	100			8	0	0	38	AL
	1850 1942	540			35	0	0	38	AC
Beman E, Lawrence, 3N, 10W									
Aux Vases, Mis	1947	140	2.5	123.3			4		Mis
Ste. Gen., Mis	1805 1947	50			6	0	0	38	AL
	1860 1947	110			7	0	0	38	AC
				ABD 1960, REV 65, ABD 69, REV 80					
Bennington S, Edwards, 1N, 10E									
McClosky, Mis	3240 1944	10	0.0	10.4			0	37	
				ABD 1946			L	8	MC
*Benton, Franklin, 6S, 2-3E									
Pennsylvanian	1941	2880	235.5	41965.0			65		AC
Tar Springs, Mis	1700 1941	20			2	0	0	33	AL
Aux Vases, Mis	2100 1941	2360			249	0	0	38	AC
Ohara, Mis	2752 1959	550			37	1	0	38	A
Spar Mt., Mis	2804 1959	420			22	0	0		
McClosky, Mis	2770 1983	#			2	0	0		
St. Louis, Mis	2906 1960	#			8	0	0	37	AC
Salem, Mis	2990 1960	30			4	1	0	38	A
Ullin, Mis	3530 1984	90			8	3	0		
	3705 1960	160			11	1	0	38	A
*Benton N, Franklin, 5-6S, 2E									
Cypress, Mis	1941	990	40.0	4399.4			14		Trn
Paint Creek, Mis	2460 1944	100			14	0	0	38	AC
Bethel, Mis	2501 1962	400			15	0	0	38	AL
Aux Vases, Mis	2600 1942	#			21	0	0	38	0.15
Ohara, Mis	2685	220			18	1	0	39	0.15
Spar Mt., Mis	2730	520			14	1	0	38	0.70
McClosky, Mis	2775 1941	#			11	0	0	36	0.15
St. Louis, Mis	2800	#			20	0	0	34	S
Salem, Mis	3062 1979	60			6	0	0		6
Ullin, Mis	3285 1984	50			3	1	0		A
	3640 1984	40			2	0	0		10
							L	10	A
							L	14	
*Berry, Sangamon, 15N, 3W									
Devonian	1961	660	2.3	620.8			15		
Silurian	1743 1962	60			2	0	0	38	
	1736 1961	660			43	0	2	38	Sil
							L	4	1964
							L	35	
*Berryville C, Wabash, Edwards, Richland, Lawrence, 1-2N, 14W									
Cypress, Mis	1943	1110	16.4	1976.8			35		Mis
Bethel, Mis	2680 1984	40			3	0	0		5
Ohara, Mis	2771 1983	10			2	0	0		4
Spar Mt., Mis	2900 1943	830			18	0	0	39	6
McClosky, Mis	2850 1943	#			15	0	0		MC
St. Louis, Mis	2890 1947	#			20	0	0	36	12
Salem, Mis	2960 1982	120			10	0	0		10
Ullin, Mis	3370 1975	100			7	0	0		4
	3605 1975	20			2	0	0		10
Bessie, Franklin, 6S, 3E									
Hardinsburg, Mis	1943	430	92.4	1300.9			24		Dev
Ohara, Mis	2367 1986	20			2	0	0		5042
St. Louis, Mis	2895 1943	10			1	0	0	39	MC
Ullin, Mis	3159 1980	40			4	0	0		26
	3825 1979	380			20	0	0		6
Black Branch, Sangamon, 15N, 4W									
Silurian	1600 1967	350	1.5	646.1			18	38	
							L	10	Sil
							L	10	1744
Black Branch E +, Sangamon, 15N, 4W									
Silurian	1720 1969	10	0.0	2.8			0		
							L	20	Sil
							L	20	1755

Table 7 *continued*

Pool, county location by township and range	Pay zone	Name and age	Depth dis- (ft)	Area covered	Production (1000 bbls)	Number of wells			Character of oil		Pay zone	Deepest test	
						To end of 1988	During 1988	Com- pleted to end of 1988	Re- port- ed 1988	Aban- doned 1988	Pro- duc- ing end of year	Sul- fur API (%)	Thick- ness Rock type Struc- ture (ft)
*Blackland, Macon, Christian, 15N, 1E-1W													
	Silurian		1935 1953	430	2.2	535.8		46	0	0	6	39	L 12 MU Ord 3780
Blackland N, Macon, 16N, 1E													
	Silurian		1948 1960	710	12.0	371.5		52	1	0	30	39	L 11 M Sil 2164
Blackland S, Macon, Christian, 15N, 1W													
	Silurian		1986 1982	270	4.8	128.9		17	0	0	13		L 12 Sil 2160
Black River, White, 4S, 13W													
			1952	210	10.3	319.8		17	0	0	13		Mis 3225
	Degonia, 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
							ABD 1974, REV 1978						
Blairsville W, Hamilton, 4S, 6-7E													
			1948	310	6.3	512.9		20	0	0	9		A Dev 5605
	Aux Vases, Mis	3250 1948	60					5	0	0			X 6 AC
	Spar Mt., Mis	3345	210					2	0	0			L 8 AC
	McClosky, Mis	3405 1951	#					12	0	0	37		L 10
	Salem, Mis	4170 1981	40					2	0	0			L 10
	Ullin, Mis	4340 1981	30					4	0	0			
Bluford, Jefferson, 2S, 4E													
	McClosky, Mis	3060 1961	30	0.7	167.6			2	0	0	1	38	OL 6 Mis 3833
Bogota, Jasper, 6N, 9E													
			1943	360	3.6	590.5		22	0	0	10		A Mis 3486
	Spar Mt., Mis	3090	360					5	0	0			L 4 AC
	McClosky, Mis	3110 1943	#					17	0	0	39		L 7 A
Bogota N, Jasper, 6N, 9E													
	McClosky, Mis	3080 1949	20	0.0	0.0			2	0	0	1	37	L 3 Mis 3647
						ABD 1950, REV 1973							
Bogota S, Jasper, 5-6N, 9E													
			1944	400	3.1	575.6		30	0	0	6		MC Mis 3787
	Spar Mt., Mis	3081 1984	80					5	0	0			L 8 MC
	McClosky, Mis	3075 1944	320					25	0	0	37		
Bogota W, Jasper, 6N, 9E													
	McClosky, Mis	3080 1966	170	12.6	87.7			10	1	0	9	37	D 6 Sil 4931
						ABD 1967, REV 1985							
*Bone Gap C, Edwards, 1S, 10-11E, 14W													
			1941	1850	22.7	3009.8		113	1	0	53		A Mis 4251
	Pennsylvanian	2110 1952	10					1	0	0	32		AL
	Waltersburg, Mis	2310 1951	180					18	0	0	35		S 20 A
	Cypress, Mis	2710 1947	130					10	0	0	37		S 10 A
	Bethel, Mis	2880 1952	180					12	0	0	39		S 14 AL
	Aux Vases, Mis	3020 1947	230					14	0	0	36		S 9 AL
	Ohara, Mis	3040 1948	1210					20	1	0	34		L 5 AC
	Spar Mt., Mis	3045 1947	#					9	0	0	35		L 5 AC
	McClosky, Mis	3200 1941	#					32	0	0	38	0.33	L 6 AC
Bone Gap E, Edwards, 1S, 14W													
			1951	210	4.4	150.0		16	0	0	12		M Mis 4000
	Ohara, Mis	2980 1951	70					6	0	0			MC
	McClosky, Mis	3050	#					1	0	0	36		MC
	Salem, Mis	3555 1974	120					10	0	0			L 4
						ABD 1956, REV 1974							
Bone Gap W, Edwards, 1S, 10E													
	Ste. Gen., Mis	3290 1954	200	0.7	81.3			13	0	0	8	36	L 5 Mis 4151
						ABD 1975, REV 1964							
*Boulder +, Clinton, 2-3N, 2W													
	Benoist, Mis	1941 1942	580	14.7	8135.2			57	1	0	2	37	S 20 A Trn 3813
(Continued on next page)													

Table 7 continued

Pay zone	Year of proved	Area in depth dis- (ft) covery	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test	
				To end of 1988	During of 1988	Com- pleted end of 1988	Re- port- ed 1988	An- doned 1988	Sul- fur year			
*Boulder +, Clinton, 2-3N, 2W												
Geneva, Dev Silurian	2630 1941 2700 1963	470 40		23 2	0 1	0 0		28 40	0.33	D L	7 4	
(Continued from previous page)												
Boulder E +, Clinton, 3N, 1W												
Devonian	2850 1955	100	2.0	212.0		8	0	0	6 39	L	5	
*Bourbon C, Douglas, 15N, 7E												
Aux Vases, Mis Spar Mt., Mis McClosky, Mis Chouteau, Mis	1956 1980 1512 1956 1600 1956 1715 1976 2471 1986	1090 20 1050 # 60	1.0	1840.9	102 2 94 5 1	0 0 0 0 0	0 0 0 0 0	32 34		Sil	2818	
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	
Bowyer, Richland, 5N, 14W												
Spar Mt., Mis McClosky, Mis	1958 1958 2883 1958 2876 1971	100 100 #	0.1	16.2	6 3 3	0 0 0	0 0 0	2 36		Mis	3499	
*Boyd, Jefferson, 1S, 1-2E												
Benoist, Mis Aux Vases, Mis Obara, Mis Lingle, Dev Grand Tower, Dev Trenton, Ord	1944 1944 2060 1944 2130 1944 2230 1945 3740 1987 3764 1987 5000 1967	1490 1450 660 30 10 10 100	9.1	15015.9	129 114 48 24 1 1 7	1 0 0 0 1 1 1	0 0 0 0 0 0 0	41 35 37 39 L L L	0.14	A S S L L L	Trn	5400
Brocton, Edgar, 15N, 14W												
Pennsylvanian	210 1984	10	0.0	0.3		1	0	0	1	S	5 Pen 769	
Brooklyn, Schuyler, 3N, 3W												
Devonian	460 1983	560	0.3	165.2		41	3	0	33	L	15 U Ord 996	
Brooklyn N, McDonough, 4N, 3W												
Silurian	590 1984	10	0.0	2.5		1	0	0	1	L	38 U Ord 1009	
Brooklyn NW, McDonogh, 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 Salem, Mis Ullin, Mis	1951 1951 3275 1951 4024 1978 4190 1977	390 210 20 160	14.7	415.4	23 11 3 9	0 0 0 0	0 0 0 0	18 37			Mis 4446	
Broughton N, Hamilton, 6S, 7E												
Aux Vases, Mis	3214 1980	40	1.2	21.8		2	0	0	2	S	5 Mis 4330	
Broughton S, Saline, 7S, 7E												
Tar Springs, Mis Cypress, Mis McClosky, Mis	1951 1974 2315 1987 2778 1987 3215 1951	30 10 10 10	0.8	1.5	3 1 1 1	0 0 0 0	0 0 0 0	1		S S L	7 6 4 Mis 3300	
ABD 1952, REV 1974, ABD 1976, REV 1987												
*Brown, Marion, 1N, 1E												
Cypress, Mis	1670 1910	120	0.9	172.8		12	0	0	10 36	S	4 A Mis 2036	
*Browns E, Wabash, 1-2S, 14W												
Pennsylvanian Cypress, Mis Spar Mt., Mis Salem, Mis	1946 1963 1844 1963 2570 1946 2950 1977 3420 1976	900 10 790 70 50	6.0	3024.3	80 1 75 3 5	0 0 0 0 0	6 6 6 0 0	13 32 36		S S L	Dev 5083	

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covery	Area in acres	Production (1000 bbls)		Number of wells			Character of oil		Pay zone	Deepest test	
				To end of 1988	During 1988	Com- pleted to end 1988	Re- port ed 1988	Aban- doned 1988	Pro- ducing 1988	Sul- fur year	Rock ness API (%)	Thick- ness type	Struc- ture
Brubaker, Marion, 3N, 3E													
	Spar Mt., Mis	1973 2341 1975	230 60	19.6	533.0	15	2	0	10		S	20	
	McClosky, Mis	2395 1975	#			2	0	0			OL	5	
	St. Louis, Mis	2550 1976	40			3	0	0			L	46	
	Salem, Mis	2765 1974	50			3	1	0			D	7	
	Devonian	3820 1973	90			5	1	0	34		L	1 Rd	
Buckhorn C, Brown, 1-2S, 3-4W													
	Silurian	682 1961	2370	93.1	1692.4	200	0	0	178	37	D	3 U Ord	
Buckner, Franklin, 6S, 2E													
	Aux Vases, Mis	1963 2601 1963	240 220	4.4	259.0	17	0	0	9	38	S	12	
	Chara, Mis	2660 1984	10			16	0	0			L	3	
Bulpitt S, Christian, 13N, 3W													
	Devonian	1911 1962	60	0.0	3.4	4	0	0	0	38	L	15 DvS	
			ABD 1969										
*Bungay C, Hamilton, 4S, 7E													
	Renault, Mis	1941 3270	3590 560	58.0	15029.8	280	0	2	84		A	Dev 5566	
	Aux Vases, Mis	3295 1941	3020			23	0	0	39		S	10 AL	
	Chara, Mis	3335	420			215	0	1	39	0.24	S	15 AL	
	Spar Mt., Mis	3400 1943	#			6	0	0			L	8 AC	
	McClosky, Mis	3425 1943	#			4	0	0			L	8 AC	
	Ullin, Mis	4190 1959	10			21	0	1	36	0.24	L	8 AC	
						1	0	0	38		L	10 AC	
Burnt Prairie S, White, 4S, 9E													
	Aux Vases, Mis	1947 3330	80 20	0.7	36.2	7	0	0	2			Mis 3600	
	Chara, Mis	3415 1947	70			2	0	0	37		S	24	
	McClosky, Mis	3460	#			1	0	0	38		L	6 4	
						4	0	0			L	4	
Burnt Prairie SW, White, 4S, 8E													
	Aux Vases, Mis	1979 3336 1979	370 90	15.2	591.0	30	0	4	22			Mis 4405	
	Chara, Mis	3436 1979	280			8	0	3			S	6	
	Spar Mt., Mis	3451 1979	#			5	0	1			L	8	
	McClosky, Mis	3513 1979	#			2	0	0			S	4	
						16	0	0			L	6	
Calhoun Cen, Richland, 2N, 10E													
	Spar Mt., Mis	1950 3245	30	0.0	0.5	3	0	0	0		L	M MC	
	McClosky, Mis	3280 1950	30			2	0	0			L	3 MC	
			#			1	0	0	37				
			ABD 1952, REV AND ABD 1959										
*Calhoun C, Richland, Wayne, 2-3N, 9-10E													
	Ohara, Mis	1944 3140 1944	2200 2200	9.8	4256.6	130	0	0	24		A	Sil 5645	
	Spar Mt., Mis	3160	#			25	0	0	39		OL	9 A	
	McClosky, Mis	3180 1944	#			30	0	0	37		OL	6 A	
	St. Louis, Mis	3370 1967	10			74	0	0	39	0.15	OL	10 A	
	Salem, Mis	3730 1967	40			1	0	0	39		L	9	
						3	0	0	39		L	8	
*Calhoun E, Richland, 2N, 10-11E													
	Spar Mt., Mis	1950 3294 1985	410 #	11.4	453.4	29	0	0	20		S	4 MC	
	McClosky, Mis	3265 1950	410			12	0	0			L	5 MC	
	Ullin, Mis	4099 1985	10			20	0	0	39		L	5	
			ABD 1977, REV 1980			1	0	0					
Calhoun N, Richland, 3N, 10E													
	Spar Mt., Mis	1944 3155 1944	70 60	0.0	88.0	5	1	0	2		LS	A Mis 4008	
	McClosky, Mis	3170 1944	#			1	0	0			OL	11 A	
	Salem, Mis	3819 1982	20			4	0	0	36		L	3	

Table 7 continued

Pay zone	Year of proved depth (ft)	Area in acres	Production (1000 bbls)	Number of wells			Character of oil		Pay zone	Deepest test
				To end of 1988	Com- pleted to end 1988	Re- port- ed 1988	An- nounced 1988	Sul- fur API (%)	Rock type	Thick- ness (ft)
*Calhoun S, Wayne, Richland, Edwards, 1-2N, 9E										
Benoist, Mis	3137 1984	760	18.7	866.5	48	1	2	21		Mis 4152
Aux Vases, Mis	3175 1953	10			1	0	0		S	4
Ohara, Mis	3232 1963	30			3	0	0	38	L	5
Spar Mt., Mis	3224 1962	740			8	0	0		L	8
McClosky, Mis	3209 1961	#			22	0	0		L	5
		#			28	1	2	37	OL	6
				ABD 1953, REV 1961						
Carlinville +, Macoupin, 9N, 7W										
	380 1909	40	0.0	x	8	0	0	2	S	6 A Mis 1380
Carlinville N +, Macoupin, 10N, 7W										
Pottsville, Penn	440 1941	100	0.0	1.9	20	0	0	4	20	0.35 S 10 Trn 1970
				ABD 1954, REV 1982						
Carlinville S, Macoupin, 9N, 7W										
Pennsylvanian	539 1958	10	0.0	0.0	1	0	0	0	26	S x Pen 1020
				ABD 1964						
*Carlyle, Clinton, 2N, 3W										
Golconda, Mis	1911 1952	1340	28.6	4454.9	219	3	0	43		A Stp 4120
Cypress, Mis	900 1952	10			7	0	0	35	L 10 AC	
	1035 1911	1330			217	3	0	35	S 20 AL	
				ABD 1949, REV 1952						
Carlyle E, Clinton, 2N, 2W										
Benoist, Mis	1197 1963	30	0.0	1.5	2	0	0	0	34	S 4 Mis 1245
				ABD 1972, REV 1978, ABD 1985						
*Carlyle N, Clinton, 3N, 3W										
Benoist, Mis	1150 1950	550	11.3	1048.6	46	0	0	31	34	S 6 AL Dev 2558
Carlyle S, Clinton, 1N, 3W										
Cypress, Mis	1075 1951	40	0.0	4.2	5	0	0	3	35	S 4 Mis 1194
				ABD 1983, REV 1982						
*Carmi, White, 5S, 9E										
Pennsylvanian	1940	350	3.1	432.3	28	0	0	8		M Mis 3546
Cypress, Mis	1210	10			1	0	0	32	S 10 ML	
Aux Vases, Mis	2800	150			11	0	0	38	S 15 ML	
Spar Mt., Mis	3145	90			8	0	0	37	S 8 ML	
McClosky, Mis	3170 1984	120			1	0	0		S 3 MC	
	3150 1940	#			8	0	0	35	OL 6 MC	
				ABD 1949, REV 1952						
*Carmi N, White, 5S, 9E										
Cypress, Mis	1942	140	8.9	373.0	12	1	0	9		A Mis 3452
Benoist, Mis	2940	40			3	1	0	38	S 13 AF	
Aux Vases, Mis	3080 1954	20			2	0	0	37	S 12 AF	
	3270 1942	100			8	0	0	36	0.14 S 14 AF	
				SEE CLARK COUNTY DIV. FOR PRODUCTION						
*Casey, Clark, 10-11N, 14W										
Pennsylvanian	1906	3070	x	x	525	0	1	232		AM Trn 2608
Pennsylvanian	265	2760			43	0	0	32	S x AM	
Cypress, Mis	300	#			96	0	1	30	S x AM	
Casey, Penn	445	#			375	0	0	35	S 10 AM	
St. Louis, Mis	410	#			0	0	0		L x	
Carper	1300	280			21	0	0	38	S 50 AM	
				SEE CLARK COUNTY DIV. FOR PRODUCTION						
*Centerville, White, 4S, 9E										
Aux Vases, Mis	1940	260	3.3	581.2	19	0	0	6		A Mis 4365
Ohara, Mis	3240 1953	20			2	0	0	37	S 6 AL	
Spar Mt., Mis	3310	240			6	0	0	38	L 10 AC	
McClosky, Mis	3370	#			5	0	0		L 8 AC	
Ullin, Mis	3370 1940	#			8	0	0	37	0.17 OL 4 AC	
	4120 1983	10			1	0	0		L 21	
*Centerville E, White, 3-4S, 9-10E										
Palestine, Mis	1941	1400	26.9	8785.4	150	1	3	58		A Dev 5990
Tar Springs, Mis	2225 1950	20			2	0	0	35	S 3 ALF	
Hardinsburg, Mis	2500	830			36	1	0	38	0.20 S 24 ALF	
Cypress, Mis	2615 1950	40			1	0	0	36	S 22 ALF	
Bethel, Mis	2915 1941	660			49	1	1	37	S 6 ALF	
Aux Vases, Mis	2990 1942	220			20	0	2	38	S 20 ALF	
	3075	530			39	0	0	37	S 21 ALF	

(Continued on next page)

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covry in acres	Production (1000 bbls) During 1988	Number of wells				Character of oil			Pay zone	Deepest test Depth (ft)
					To end of 1988	Com- pleted 1988	Re- port- ed 1988	An- end 1988	Sul- fur year 1988	GR. API (%) 1988	Rock ness type 1988		
*Centerville E, White, 3-4S, 9-10E												(Continued from previous page)	
Ohara, Mis	3175	420			9	0	1		36	OL	5	ACF	
Spar Mt., Mis	3185	#			2	0	0			LS	6	ACF	
McClosky, Mis	3230	#			21	0	0		37	OL	7	ACF	
St. Louis, Mis	3337	1987	10		1	0	0			L	4		
Salem, Mis	3998	1982	10		1	0	0			L	12		
Ullin, Mis	3945	1980	20		1	1	0			L	10		
Centerville N, White, 3S, 10E													
Bethel, Mis	2990	1947	10	0.0	0.0	1	0	0	0	38	S	13	ML Mis 3332
Centerville N E, White, 3S, 10E													
Bethel, Mis	3055	1955	10	0.0	5.6	1	0	0	0	38	S	14	Mis 3407
*Central City, Marion, 1N, 1E													
Pennsylvanian	826	1964	130	1.5	97.4	13	0	0	9	33	S	10	Mis 1942
*Centralia, Clinton, Marion, 1-2N, 1E, 1W													
Petro, Penn	1937	2980	64.3	58465.4	1023	0	5	198			A	Ord	4170
Cypress, Mis	765	1958	30		4	0	0		32	S	x	A	
Benoist, Mis	1200	1530			57	0	2		37	S	12	A	
Devonian	1355	1937	2510		577	0	3		38	S	20	A	
Trenton, Ord	2870	1939	2610		321	0	0		40	0.38	L	9	A
	3930	1940	1100		59	0	0		40	L	22	A	
Centralia W, Clinton, 1N, 1W													
Cypress, Mis	1940	90	0.4	427.2	10	0	0	1			A	Dev	3021
Benoist, Mis	1308	1960	10		1	0	0		35	S	4	A	
	1440	1940	90		9	0	0		38	0.17	S	9	A
Chesterville, Douglas, 15N, 7E													
Spar Mt., Mis	1780	1956	50	0.2	38.2	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
Christopher S, Franklin, 7S, 1E													
Aux Vases, Mis	1964	30	0.0	9.9	3	0	0	0				Mis	2820
Ohara, Mis	2620	1964	30		3	0	0		38	S	8		
	2690	1964	10		1	0	0		37	L	10		
				ABD 1969									
Claremont+, Richland, 3N, 14W													
Spar Mt., Mis	1950	120	0.0	20.2	9	0	0	0			S	5	Mis 4065
McClosky, Mis	3200	1950	120		6	0	0				L	4	
	3218	1969	#		3	0	0						
				ABD 1971									
Clark County Div, Clark, Coles, Crawford, Cumberland, Jasper													
	1900	27410	231.5	89421.4	6310	35	11	2049					
				INCLUDES BELLAIR; CASEY; JOHNSON N, S; MARTINSVILLE; SIGGINS; WESTFIELD; YORK									
*Clarksburg, Shelby, 10N, 4E													
Bethel, Mis	1946	110	12.2	168.1	14	0	0	11			S	9	Dev 3206
Aux Vases, Mis	1779	1981	10		1	0	0				S	6	A
	1770	1946	100		13	0	0		36				
*Clay City C, Clay, Wayne, Richland, Jasper, 1-7N, 1-2S, 6-11E													
Waltersburg, Mis	1937	109350	2109.2	346145.7	7912	60	15	3097			A	PC	11614
Tar Springs, Mis	2175	1952	20		2	0	0		36	S	6	AL	
Cypress, Mis	2560	1949	130		8	0	0		38	S	15	AL	
Bethel, Mis	2635	1937	9270		669	7	3		36	S	15	AL	
Aux Vases, Mis	2800	450			36	0	0		39	S	15	AL	
Ohara, Mis	2940	1942	35570		2463	30	5		38	S	15	AL	
Spar Mt., Mis	3020	74160			328	6	0		38	OL	5	AC	
McClosky, Mis	3030	#			777	2	0		38	LS	8	AC	
St. Louis, Mis	3050	1937	#		3607	14	6		39	OL	10	AC	
Salem, Mis	3025	1949	4140		345	12	0		38	L	3	A	
Ullin, Mis	3590	1950	13140		850	13	1		39	L	10	A	
Carper	3600	1952	710		57	0	0		40	L	17	A	
Devonian	3806	1979	80		5	0	0			S	6		
	4350	1949	140		9	0	0		39	L	10	A	

Table 7 continued

Pay zone	Year	Area of proved depth dis- (ft) covry	Production (1000 bbls)	Number of wells			Character of oil		Pay zone	Deepest test	
				To end of 1988	Com- pleted During 1988	To end of 1988	Re- duced to port- end of 1988	An- droned end of 1988	Sul- fur GR. fur year API (%)	Rock ness type	Thick- ness
Pool, county location by township and range	Name and age	acres									
Clear Lake E, Sangamon, 16N, 4W	Silurian	1596 1970	40 0.3	26.8	2	0	0	1 25	L 12	Sil	1653
Clifford, Williamson, 8S, 1E											
Aux Vases, Mis	1957	40	0.0	15.0	2	0	0	0	38	S 7	Mis 2625
Spar Mt., Mis	2380 1957	40			2	0	0			LS 7	
McClosky, Mis	2470 1957	20			1	0	0			L 5	
	2540 1957	#			1	0	0	38			
		ABD 1965									
*Coil, Wayne, 1S, 5E											
Aux Vases, Mis	1942	560	14.2	3388.8	41	1	0	25	39 0.12	S 10 A	Mis 3756
Spar Mt., Mis	2910 1942	380			27	1	0			S 4	
McClosky, Mis	3018 1982	20			1	0	0			OL 15	AC
St. Louis, Mis	3065 1942	#			1	0	0	38		L 9	
Salem, Mis	3021 1967	100			6	0	0			L 14	
	3510 1977	100			9	0	0				
*Coil W, Jefferson, 1S, 4E											
Aux Vases, Mis	1942	640	16.5	1485.6	58	1	0	27	39	S 15 AL	Mis 3751
Ohara, Mis	2720 1944	180			15	0	0			L 7 AC	
Spar Mt., Mis	2790 1942	230			11	0	0			L 7 AC	
McClosky, Mis	2805	#			2	0	0			L 8 AC	
St. Louis, Mis	2880 1942	#			14	0	0	38		L 7	
Salem, Mis	3040 1967	180			16	1	0	39		L 10 A	
	3346 1961	280			20	0	0	37			
Collinsville, Madison, 3N, 8W											
Silurian	1305 1909	40	0.0	1.0	6	0	0	0 37	L 20	ML Stp	2177
ABD 1921											
*Colmar-Plymouth, Hancock-McDonough, 4-5N, 4-5W											
Hoing, Dev	450 1914	2560	1.2	5153.5	520	0	0	81 35 0.38	S 14 AL	Shk	1095
Comer, Macoupin, 10N, 8W											
Pennsylvanian	444 1982	10	0.0	0.0	1	0	0	0	S 8	Pen	524
ABD 1986											
*Concord C, White, 6S, 10E											
	1942	2290	46.8	9113.2	213	0	1	87		A Dev	5313
Tar Springs, Mis	2270 1943	350			26	0	0	36	S 11 AL		
Hardinsburg, Mis	2510 1954	350			30	0	0	36	S 7 A		
Cypress, Mis	2625 1944	270			19	0	0	37	S 10 AL		
Aux Vases, Mis	2905 1942	710			53	0	1	36 0.15	S 14 AL		
Ohara, Mis	2930 1943	1100			3	0	0		L 8 AC		
Spar Mt., Mis	3035	#			4	0	0		L 8 AC		
McClosky, Mis	2990	#			56	0	0	37	L 10 AC		
St. Louis, Mis	3370 1976	250			18	0	0		L 7		
Salem, Mis	3790 1981	10			1	0	0		L 8		
Ullin, Mis	3900 1975	530			30	0	0		L 8		
*Concord E C, White, 6-7S, 10E											
	1942	470	3.2	931.0	43	0	0	16		A Mis	3125
Degonia, Mis	1900 1984	10			1	0	0		S 6		
Waltersburg, Mis	2140	40			4	0	0	33	S 10 A		
Tar Springs, Mis	2175	80			6	0	0	36	S 4 A		
Cypress, Mis	2540	210			20	0	0	38	S 6 A		
Renault, Mis	2800	20			2	0	0	36	L 6 A		
Aux Vases, Mis	2825	70			7	0	0	36	S 12 A		
Ohara, Mis	2895	120			3	0	0		L 6 AC		
Spar Mt., Mis	2895	#			6	0	0		S 5 AC		
McClosky, Mis	2965	#			4	0	0	37	L 2 AC		
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E											
	1941	3240	6.8	3173.7	261	1	1	72		A Trn	3840
Cypress, Mis	1600 1955	10			1	0	0	39	S 20 A		
Aux Vases, Mis	1765 1941	10			2	0	0	37	S 15 A		
Spar Mt., Mis	1800 1946	3180			254	1	1	37	S 9 A		
McClosky, Mis	1840 1955	#			2	0	0		L 4 A		
Osage, Mis	2285 1985	10			1	0	0	38	S 0 A		
Carper	2700 1963	20			1	0	0		S 5		
Devonian	2867 1963	40			5	0	0	37	L 3		

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covery	Area in acres	Production (1000 bbls)			Number of wells			Character of oil			Pay zone	Deepest test		
				To end During 1988	To end of 1988	Com- pleted 1988	Re- opened 1988	Aban- doned 1988	Pro- ducing 1988	Sul- fur year	Rock ness API (%)	Thick- ness (ft)				
Cooperstown W, Brown, 1S, 2W	Silurian	598 1982	10	0.0	0.0	1	0	0	1	L	45	Sil	684			
*Cordes, Washington, 3S, 3W	Benoist, Mis	1260 1939	1670	34.2	10558.9	160	4	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	0	L	8			Ord	3850	
Cordes N E, Washington, 3S, 2W	Cypress, Mis	1983 1983	20	0.0	2.3	2	0	0	1	S	9	Mis	1225			
	Benoist, Mis	1200 1983	10			1	0	0		S	3					
	Benoist, Mis	1392 1985	10			1	0	0		S						
*Corinth, Williamson, 8S, 4E	Aux Vases, Mis	1957 1957	370	4.5	608.0	22	0	0	17	S	10		Ord	7250		
	Ohara, Mis	2885 1957	320			19	0	0	38	L	10					
	Spar Mt., Mis	2929 1957	80			2	0	0	38	L	10					
	McClosky, Mis	2985 1957	#			2	0	0	38	L	10					
	McClosky, Mis	3075 1984	#			1	0	0	OL	OL	5					
Corinth E, Willaimson, 8S, 4E	McClosky, Mis	3035 1957	10	0.0	10.6	1	0	0	0	38		Mis	3350			
			ABD 1960							L	10					
Corinth N, Williamson, 8S, 4E	Aux Vases, Mis	2935 1957	10	0.0	3.7	1	0	0	0	36		Mis	3180			
			ABD 1960							S	16					
Corinth S, Williamson, 9S, 4E	Cypress, Mis	2350 1972	10	0.3	10.3	1	0	0	1	S	8	Mis	2820			
Cottage Grove, Saline, 9S, 7E	Ohara, Mis	2770 1955	10	0.0	12.5	1	0	0	0	38		Mis	2977			
			ABD 1963							L	8					
Coulterville N, Washington, 3S, 5W	Silurian	2290 1958	50	0.3	42.3	5	0	0	3	42		L	x R	Ord	3204	
*Covington S, Wayne, 2S, 6E	Ohara, Mis	1943 1984	730	4.5	655.0	33	0	0	14			AC	Dev	5300		
	McClosky, Mis	3290 1984	640			2	0	0		L	6					
	St. Louis, Mis	3310 1943	#			27	0	0	36	L	5	AC				
	Ullin, Mis	3361 1962	10			1	0	0	36	L	4					
		4148 1960	90			6	0	0	36	L	12	AC				
Craig, Perry, 4S, 4W	Trenton, Ord	3650 1948	10	0.0	2.9	2	0	0	0	35		L	20	A	Ord	3750
			ABD 1951, REV 1965, ABD 1967													
Cravat, Jefferson, 1S, 1E	Benoist, Mis	2070 1939	120	0.1	389.4	11	0	0	6	34	0.23	S	10	A	Dev	3850
Cravat W, Jefferson, 1S, 1E	Pennsylvanian	1956 1956	140	0.2	145.5	15	0	0	14					Mis	2390	
	Bethel, Mis	1045 1956	130			14	0	0	32	S	10					
	Bethel, Mis	2070 1960	10			1	0	0		S	10					
Crossville, White, 4S, 10E	Bethel, Mis	1946 1948	130	0.0	19.5	13	0	0	1			M	Mis	4135		
	Aux Vases, Mis	2880 1948	40			3	0	0	38	S	9	ML				
	Ohara, Mis	3030 1956	30			3	0	0	37	S	20	ML				
	McClosky, Mis	3100 1946	100			1	0	0		L	3	MC				
	Salem, Mis	3120 1946	#			5	0	0	38	L	5	MC				
		3640 1982	10			1	0	0		L	14					
			ABD 52, REV 56, ABD 58, REV 81													

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covery acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test
					To end of 1988	Com- pleted During 1988	Re- port- ed end 1988	An- done 1988	Pro- duc- ing end year	Sul- fur API (%)	Rock type	Thick- ness (ft)	
*Crossville W, White, 4S, 10E													
Cypress, Mis	2810 1973	1952	300	1.9	407.9	28	0	0	11		S	18	M
Aux Vases, Mis	3030 1952	1952	160			11	0	0		37	S	8	ML
Ohara, Mis	3110 1958	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	0	0			L	10	
					ABD 1953, REV 1956, ABD 1975, REV 1982								
Dahlgren, Hamilton, 3S, 5E													
McClosky, Mis	3300 1941	1941	620	0.3	1225.8	45	0	0	2		37	0.16	A
Ullin, Mis	4110 1956	1956	620			44	0	0			39	L	11
			10			1	0	0			L	15	A
Dahlgren S, Hamilton, 4S, 5E													
Salem, Mis	3836 1982	1982	20	0.6	10.9	2	0	0	2				Mis
Ullin, Mis	4258 1982	1982	10			1	0	0					4366
Dahlgren S W, Jefferson, 4S, 4E													
Ullin, Mis	4200 1983		10	0.0	0.5	1	0	0	0				Mis
					ABD 1986								4585
Dahlgren W, Jefferson, 4S, 4E													
Ullin, Mis	4019 1960		30	0.0	32.3	3	0	0	0	38			Dev
					ABD 1966, REV 1980, ABD 1985								5245
*Dale C, Franklin, Hamilton, Saline, 5-7S, 4-7E													
Tar Springs, Mis	2430 1943	1940	19610	172.3	102814.8	1775	3	2	255				A
Hardinsburg, Mis	2480	1943	480			41	0	0	36		S	25	A
Cypress, Mis	2700 1940	1940	1580			12	0	0	38		S	10	A
Bethel, Mis	2975	1940	3480			127	0	0	39		S	15	A
Renault, Mis	3245 1984	1984	10			286	0	0	38	0.19	S	18	A
Aux Vases, Mis	3150 1945	1945	17290			1	0	0			S	6	
Ohara, Mis	3110	1945	4120			1359	3	1	37	0.15	S	20	A
Spar Mt., Mis	3130	#				114	0	0	38	0.22	L	10	A
McClosky, Mis	3150 1940	1940	#			16	0	0	38		LS	7	A
St. Louis, Mis	3163 1965	1965	310			165	0	0	36	0.19	L	7	A
Salem, Mis	3991 1980	1980	695			28	0	0	39		L	6	
Ullin, Mis	4168 1978	1978	330			46	0	1			L	10	
						23	0	0					
Dawson, Sangamon, 16N, 3W													
Silurian	1636 1971		240	3.4	238.9	17	0	0	14				MU
					ABD 1972, REV 1982						Sil	1800	
Decatur, Macon, 16-17N, 2E													
Silurian	2000 1953		240	6.5	26.8	18	0	0	11	37			Ord
					ABD 1959, REV 1983								2800
Decatur N, Macon, 17N, 3E													
Silurian	2200 1954		10	0.0	0.1	1	0	0	0	38			MU
					ABD 1955						Sil	2240	
*Deering City, Franklin, 7S, 3E													
Aux Vases, Mis	2810 1957	1957	130	2.4	352.7	10	0	0	8				Dev
Ohara, Mis	2851 1985	1957	80			6	0	0	38		S	20	
McClosky, Mis	2913 1963	1963	40			1	0	0			S	4	
Ullin, Mis	3748 1985	1985	30			2	0	0	34		OL	4	
			10			1	0	0			L	13	
Deering City E, Franklin, 7S, 3E													
McClosky, Mis	2965 1974		10	1.2	21.2	1	0	0	1				Mis
													3117
Deland, Piatt, 19N, 5E													
Silurian	1225 1981		60	0.2	8.0	4	0	0	4				Sil
													1255
Divernon, Sangamon, 13N, 5W													
Silurian	1643 1982		340	3.4	192.3	18	0	0	16				Ord
													2200

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft)	Area proved in covery	Production (1000 bbls) During acres	Number of wells			Character of oil			Deepest test		
					To end of 1988	Com- pleted During 1988	Re- port end of 1988	Aban- doned 1988	Sul- fur API (%)	Rock ness type (ft)	Struc- ture Zone	Depth (ft)	
*Divide C, Jefferson, 1S, 3-4E													
Aux Vases, Mis		1943	5925	186.8	13169.1	406	7	0	231		A	Dev	4700
Aux Vases, Mis		2620	1947	170		11	0	0	38	S	10	AL	
Ohara, Mis		2700	1944	2900		9	0	0		L	10	AC	
Spar Mt., Mis		2700	1945	#		24	0	0	38	LS	6	A	
McClosky, Mis		2750	1943	#		178	1	0	37	0.21	L	6	AC
St. Louis, Mis		2840	1955	470		47	1	0	37	L	7	AC	
Salem, Mis		3190	1960	3235		208	5	0	37	L	10	AC	
Ullin, Mis		3502	1981	10		1	0	0		L	10		
Divide S, Jefferson, 2S, 3-4E													
McClosky, Mis		1948	320	1.2	500.2	19	1	0	4		Mis	3935	
McClosky, Mis		2880	1948	300		16	0	0	37	L	5		
St. Louis, Mis		2990	1984	10		1	0	0		L	8		
Salem, Mis		3157	1986	20		2	1	0		L	8		
Dix S, Jefferson, 1S, 2E													
Benoist, Mis		1941	270	40.6	241.5	24	3	0	22		A	Mis	5036
Benoist, Mis		1950	1941	20		2	0	0	35	S	8	A	
Renault, Mis		2049	1985	20		2	0	0		SS	4		
Aux Vases, Mis		2054	1987	10		1	1	0		SS	6		
Spar Mt., Mis		2144	1985	150		8	2	0		SS	8		
McClosky, Mis		2253	1985	#		5	0	0		L	10		
Salem, Mis		2438	1985	80		7	0	0		L	10		
ABD 1946, REV 1985													
*Dollville, Shelby, 12N, 2E													
Bethel, Mis		1509	1961	310	18.7	164.1	20	0	0	16	37		Mis 1800
Dubois Cen, Washington, 3S, 1W													
Benoist, Mis		1954	150	4.6	296.2	14	1	0	8		Trn	4424	
Benoist, Mis		1335	1955	110		12	0	0	30	S	12		
Spar Mt., Mis		1530	1954	90		5	1	0	35	L	8		
*Dubois C, Washington, 3S, 1-2W													
Cypress, Mis		1939	1570	24.2	2658.8	132	0	0	88		A	Ord	5504
Cypress, Mis		1230	1947	500		44	0	0	37	S	10	AL	
Benoist, Mis		1325	1939	490		43	0	0	30	S	10	AL	
ABD 1946, REV 1985													
Dubois S, Perry, 4S, 1W													
Benoist, Mis		1310	1984	40	0.9	6.6	4	0	0	4		Mis	1319
*Dudley, Edgar, 13-14N, 13W													
Upper Dudley, Penn		1948	900	55.3	2957.1	129	0	0	113		M	Stp	2997
Upper Dudley, Penn		310	900	#		24	0	0	25	S	20	ML	
Lower Dudley, Penn		410				105	0	0	24	S	50	ML	
Dudleyville E, Bond, 4-5N, 2-3W													
Devonian		2370	1954	20	0.0	2.8	2	0	0	0	37	L	5
ABD 1961													
Dupo, St. Clair, 1N, 1S, 10W													
Trenton, Ord		700	1928	960	16.0	3090.4	326	0	0	28	33	0.70	L
ABD 1961													
Eagarville E, Macoupin, 8N, 6W													
Pennsylvanian		621	1980	110	1.8	24.3	8	0	0	8		Trn	745
Eberle, Effingham, 6N, 6E													
Cypress, Mis		1947	200	0.0	152.4	15	0	0	2		A	Mis	2882
Cypress, Mis		2475	1947	110		9	0	0	37	S	10	AL	
Spar Mt., Mis		2680		110		2	0	0		LS	5	AC	
McClosky, Mis		2820	1947	#		4	0	0	38	L	7	A	
ABD 1967, REV 1973													
Edinburg, Christian, 14N, 3W													
Lingle, Dev		1810	1949	10	0.0	2.3	1	0	0	0	38	L	
ABD 1951													
Edinburg S, Christian, 14N, 3W													
Hibbard, Dev		1795	1955	40	0.9	23.9	4	0	0	2	39	LS	
ABD 1963, REV 1983													

Table 7, continued

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area covered in acres	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test	
					To end of 1988	To end of 1988	Com- pleted Re- duced	Pro- duced end of 1988	Aba- ned 1988	Sul- fur year			
*Edinburg W, Christian, Sangamon, 14N, 3-4W													
Devonian		1954	2120	17.2	3322.0		153	0	0	91		S	6
Silurian		1660 1954	270				24	0	0	41		L	8
Silurian		1690 1954	1880				131	0	0	41		A	A
Elba, Gallatin, 8S, 8E													
Cypress, Mis		1955	250	4.8	58.4		15	0	0	2			Mis
Bethel, Mis		2617 1958	10				1	0	0	37		S	0
Renault, Mis		2660 1955	80				3	0	0	36		S	10
Aux Vases, Mis		2770	10				1	0	0	36		L	3
Ohara, Mis		2780	120				5	0	0	38		S	5
Ohara, Mis		2820 1955	80				5	0	0	38		L	11
							ABD 1960, REV 1980						
*Elbridge, Edgar, 12-13N, 11W													
Pennsylvanian		1949	440	4.5	15471.8		40	0	0	19			Rd
Fredonia, Mis		760 1950	10				2	0	0	30		S	3
Devonian		950 1949	430				37	0	0	35		L	3
		1950 1949	20				2	0	0	37		L	20
*Eldorado C +, Saline, 8S, 6-7E													
Degonia, Mis		1941	3950	20.1	12566.7		322	1	0	115			A
Palestine, Mis		1700 1976	40				3	0	0			S	16
Waltersburg, Mis		1920 1950	500				34	0	0	36		S	20
Tar Springs, Mis		2125 1954	1960				148	0	0	38		S	25
Hardinsburg, Mis		2200 1955	290				20	1	0	37		S	15
Cypress, Mis		2350 1953	300				31	0	0	38		S	8
Sample, Mis		2575 1954	300				22	0	0	37		S	8
Benoist, Mis		2580 1954	70				6	0	0	37		S	18
Aux Vases, Mis		2778 1962	#				2	0	0			S	10
Ohara, Mis		2900 1954	1110				80	0	0	37		S	12
Spar Mt., Mis		2900	100				3	0	0			L	5
McClosky, Mis		2900	#				3	0	0			LS	4
McClosky, Mis		2975 1941	#				2	0	0	39 0.14		L	5
*Eldorado E +, Saline, Gallatin, 8S, 7-8E													
Pennsylvanian		1953	650	14.6	501.6		47	1	0	20			A
Palestine, Mis		530 1981	80				6	0	0			S	8
Tar Springs, Mis		1915 1954	30				2	0	0	36		S	10
Cypress, Mis		2190 1954	50				4	1	0	35		S	10
Aux Vases, Mis		2515 1954	170				11	0	0	37		S	20
Ohara, Mis		2885 1953	350				21	0	0	38		S	6
Spar Mt., Mis		2918 1982	40				1	0	0			L	4
McClosky, Mis		2975 1954	#				1	0	0	38		L	4
McClosky, Mis		2990 1984	#				2	0	0			OL	4
Eldorado W +, Saline, 8S, 6E													
Palestine, Mis		1955	360	9.4	332.4		28	0	0	22			Mis
Palestine, Mis		1940 1956	80				8	0	0	30		S	18
Renault, Mis		2910 1955	40				3	0	0	37		L	6
Aux Vases, Mis		2960 1955	150				11	0	0	38		L	6
Ohara, Mis		2966 1982	150				3	0	0			L	4
Spar Mt., Mis		2994 1982	#				3	0	0			S	13
McClosky, Mis		3031 1982	#				2	0	0			L	10
Elk Prairie, Jefferson, 4S, 2E													
Spar Mt., Mis		1938	230	68.7	784.0		16	0	0	14			Dev
McClosky, Mis		2775 1984	230				12	0	0			S	5
Salem, Mis		2735 1938	#				4	0	0	37		L	7
		3076 1960	10				1	0	0	37		L	8
							ABD 40, REV 60, ABD 70, REV 81						
Elkton, Washington, 2S, 4W													
Bailey, Dev		2340 1955	40	0.0	2.6		2	0	0	0 40		D	30
							ABD 1960						U
Elkton N, Washington, 2S, 4W													
Hardin, Dev		2320 1971	160	1.7	91.4		9	0	0	9		S	7
Elkville, Jackson, 7S, 1W													
Benoist, Mis		2000 1941	10	0.0	4.0		1	0	0	1 36 0.22		S	10
							ABD 40, REV 60, ABD 70, REV 81						Sil
													3914

Table 7 continued

Pay zone	Year of proved	Area	Production (1000 bbls)	Number of wells			Character of oil	Pay zone	Deepest test
				To end of 1988	Com- pleted 1988	Re- duced 1988	Pro- ducing 1988		
Pool, county location by township and range	Name and age	Depth dis- (ft) covery	acres	During 1988	To end of 1988	Aban- 1988	Sul- 1988	Rock ness year API (%)	Thick- type (ft)
*Ellery E, Edwards, 2S, 10E									
Aux Vases, Mis	3180 1953	480	1.9	1074.0	40	0	0	10	M Mis 4400
Ohara, Mis	3255 1952	260			25	0	0	36	S 35 ML
Spar Mt., Mis	3255	300			11	0	0	37	L 6 MC
McClosky, Mis	3260 1978	#			4	0	0		L 4 MC
Ullin, Mis	4218 1979	10			3	0	0		L 6
					1	0	0		L 9
Ellery N, Edwards, Wayne, 2S, 9-10E									
Bethel, Mis	3100 1942	160	1.1	122.2	12	0	0	6	M Dev 5425
Aux Vases, Mis	3230 1954	20			2	0	0		S 35 ML
Ohara, Mis	3300 1972	20			2	0	0		S 12 ML
Spar Mt., Mis	3345	130			4	0	0		L 4
McClosky, Mis	3420 1942	#			4	0	0		S 8 ML
St. Louis, Mis	3438	10			2	0	0	37 0.19	L 7 MC
					1	0	0		L 6
ABD 1943, REV AND ABD 1951, REV 1954									
Ellery S, Edwards, 2-3S, 10E									
Aux Vases, Mis	3200 1947	250	4.4	250.9	22	0	0	9	M Mis 4325
Spar Mt., Mis	3316 1985	50			7	0	0	36	S 15 ML
McClosky, Mis	3300 1943	10			1	0	0		S 3
Ullin, Mis	4156 1978	190			15	0	0	38	L 9 MC
		10			1	0	0		L 10
ABD 1952, REV 53, ABD 59, REV & ABD 60, REV 78									
Elliotstown, Effingham, 7N, 7E									
Spar Mt., Mis	2730 1947	10	0.0	13.7	1	0	0	0 39	S 8 HL Mis 2884
ABD 1951									
Elliotstown E, Effingham, 7N, 7E									
Cypress, Mis	1954 2485	90	1.1	146.6	7	0	0	1	Mis 3292
Spar Mt., Mis	1954 2750	10			1	0	0	35	S 5 HL
McClosky, Mis	1962 2771	80			3	0	0		L 10
		#			3	0	0	37	L 8
ABD 1956, REV 1962									
*Elliottstown N, Effingham, 7N, 7E									
Aux Vases, Mis	1953 2430	310	0.0	271.2	19	0	0	0	Mis 3350
Cypress, Mis	1953 2710	20			2	0	0	36	S 4 HL
Aux Vases, Mis	1956 2666	10			1	0	0		S 2
Spar Mt., Mis	1964 2738	270			2	0	0		L 3
McClosky, Mis	1964 #				14	0	0	37	OL 17
ABD 1958, REV 1964, ABD 1985									
*Energy, Williamson, 9S, 2E									
Aux Vases, Mis	2354 1968	170	8.1	232.6	13	3	0	11	S 16 Mis 2694
*Enfield, White, 5S, 8E									
Paint Creek, Mis	1950 3140	750	31.9	1603.8	57	0	0	23	A Mis 4657
Bethel, Mis	1984 3163	10			1	0	0		S 12
Aux Vases, Mis	1985 3250	50			3	0	0		SS 10
Ohara, Mis	1950 3310	390			26	0	0	39	S 10 AL
McClosky, Mis	1950 #	3385			7	0	0		L 4 AC
Salem, Mis	1985 4196	310			18	0	0	37	L 8 AC
Ullin, Mis	1977 4320	10			1	0	0		L 4
		40			5	0	0		L 19
ABD 1951, REV 1952									
Enfield N, White, 5S, 8E									
Aux Vases, Mis	1976 3320	470	24.1	679.1	35	0	0	25	Mis 4500
Ohara, Mis	1976 3400	440			31	0	0		S 12
McClosky, Mis	1983 3470	30			3	0	0		L 6
Ullin, Mis	1977 4385	#			1	0	0		L 4
		10			1	0	0		L 19
Enfield S, White, 6S, 8E									
Aux Vases, Mis	1961 3174	70	2.6	29.7	7	0	0	5	Mis 4404
Spar Mt., Mis	1961 3265	50			4	0	0	39	S 2
McClosky, Mis	1961 3277	10			1	0	0		SS 5
		50			4	0	0	38	L 6
ABD 1963, REV 1980									
Erwin, Schuyler, 2N, 3W									
Silurian	415 1983	50	0.5	1.9	3	0	0	3	L 9 Ord 920

Table 7, continued

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area dis- covery in acres	Production (1000 bbls)	Number of wells				Character of oil		Pay zone	Deepest test	
					To end of 1988	Com- pleted to end 1988	Re- port- ed 1988	Aban- doned 1988	Pro- duced of GR. year	Sul- fur API (%)	Thick- ness Rock type Struct- ure Zone		
Evers, Effingham, 8N, 7E													
Spar Mt., Mis		1948	80	0.5	133.8	6	0	0	2	39	L	7	A AL
McClosky, Mis		2610	70			3	0	0			L	4	AC
Salem, Mis		2660	1948	#		2	0	0			L	4	
		3126	1975	10		1	0	0			L	4	
				ABD 1949, REV 1953									
Evers S, Effingham, 7N, 7E													
Spar Mt., Mis		2650	1948	10	0.0	2.4	1	0	0	0	38	LS	8 AC Mis
				ABD 1951									2783
Ewing, Franklin, 5S, 3E													
Aux Vases, Mis		1944	220	7.2	561.6	12	0	0	2	38	S	8	A AL Mis
Spar Mt., Mis		2835	1947	40		3	0	0			S	10	
McClosky, Mis		2950	1981	10		1	0	0			S	7	A
St. Louis, Mis		2970	1944	#		7	0	0	36		L	5	
Ullin, Mis		3170	1981	10		1	0	0			L	6	
		3790	1981	40		1	0	0			L	6	
				ABD 1971, REV 1976									
Ewing E, Franklin, 5S, 3E													
Ohara, Mis		1956	700	58.7	1142.6	50	0	0	43	38	L	10	
St. Louis, Mis		3010	1956	10		1	0	0			L	8	
Salem, Mis		3265	1976	70		6	0	0			L	14	
Ullin, Mis		3546	1978	90		8	0	0			L	6	
		3880	1976	700		40	0	0			L	6	
Exchange, Marion, 1N, 3E													
Ohara, Mis		1943	780	19.2	548.0	54	0	0	44	37	L	10 MC	
Spar Mt., Mis		2695	60			23	0	0			L	5	
McClosky, Mis		2715	1983	#		1	0	0			L	8	MC
St. Louis, Mis		2730	1943	#		4	0	0	37		L	5	
Salem, Mis		2951	1978	620		16	0	0			L	5	
		3171	1975	220		19	0	0			L	15	
				ABD 1967, REV 1975									
*Exchange E, Marion, 1N, 4E													
Ohara, Mis		1955	280	1.3	586.9	21	0	0	5				Dev 4644
Spar Mt., Mis		2775	1955	230		1	0	0			L	14	
McClosky, Mis		2780	1955	#		8	0	0	37		S	11	
St. Louis, Mis		2840	1955	#		6	0	0			L	4	
Salem, Mis		2940	1955	20		2	0	0	38		L	8	
		3310	1982	30		3	0	0			L	10	
*Exchange N C, Marion, 1N, 3-4E													
Spar Mt., Mis		1951	430	19.4	978.8	40	1	0	28				MC Sil 4900
McClosky, Mis		2682	1967	330		6	0	0			L	3	
St. Louis, Mis		2763	1951	#		26	1	0	37		L	6	MC
Salem, Mis		2946	1972	40		5	0	0			L	6	
		3080	1967	100		9	0	0	37		L	11	MC
				ABD 1952, REV 1955, ABD 1959, REV 1965									
*Exchange W, Marion, 1N, 3E													
Ohara, Mis		1957	320	4.1	315.3	26	0	0	8				Mis 3309
Spar Mt., Mis		2540	1966	230		1	0	0			L	7	
McClosky, Mis		2570	1966	#		10	0	0			S	6	
St. Louis, Mis		2650	1957	#		11	0	0	37		L	6	
Salem, Mis		2720	1967	160		9	0	0	38		L	11	
		2860	1983	30		1	0	0			L	4	
*Fairman, Marion, Clinton, 3N, 1E, 1W													
Benoist, Mis		1939	610	7.3	2190.6	62	0	0	19				
Trenton, Ord		1435	1939	480		44	0	0	38	0.27	S	10	A
		3950	1957	300		19	0	0	40		L	20	A
Fancher, Shelby, 10N, 4E													
Benoist, Mis		1749	1962	10	0.0	0.0	1	0	0	0	34	S	3 Mis 1965
				ABD 1962									
Fayetteville, St Clair, 2S, 6W													
Cypress, Mis		540	1984	10	0.0	0.0	1	0	0	0		S	8 Mis 605
				ABD 1986									
Fehrer Lake, Gallatin, 9S, 10E													
Aux Vases, Mis		2672	1963	10	0.0	4.7	1	0	0	0	36	L	8 Mis 2862
				ABD 1966									

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covey	Area in acres	Production (1000 bbls)	Number of wells				Character of oil		Pay zone	Deepest test	
					To end During 1988	To end of 1988	Com- pleted to end of 1988	Re- port ed 1988	An- Aban- doned 1988	Pro- duc- ing 1988	Sul- fur year	Rock ness API (%)	Thick- ness type (ft)
Ferrin, Clinton, 2N, 1W													
	Devonian	1976 2840 1976	10 10	0.0 0.0	0.0		1	0	0	0		L	7
	Trenton, Ord	3930 1976	10				1	0	0			L	18
			ABD 1980										
Ficklin, Douglas, 16N, 8E													
	Spar Mt., Mis	1470 1969	70	0.0	38.8		5	0	0	5		S	8
												Cam	5301
Fitzgerrell, Jefferson, 4S, 1E													
	Benoist, Mis	2760 1944	10	0.0	16.0		1	0	0	0	37	S	5
			ABD 1952									Mis	3012
*Flora S, Clay, 2N, 6E													
		1946 Spar Mt., Mis McClosky, Mis St. Louis, Mis Salem, Mis Ullin, Mis	320 2962 1982 2985 1946 3300 1983 3493 1982 3698 1982	20.5 270 # 70 60 10	478.3		21	0	0	15		S	8
							6	0	0			L	10
							9	0	0	39		L	4
							5	0	0			L	7
							5	0	0			L	9
							1	0	0				
			ABD 1961, REV 1982										
Flora SE, Clay, 2N, 6E													
	McClosky, Mis	3073 1972	100	2.1	81.9		8	0	0	7		L	5
												Dev	5030
Forsyth, Macon, 17N, 2E													
	Silurian	2118 1963	1200	21.2	455.5		84	0	0	74	38	L	14
												Ord	2890
Francis Mills, Saline, 7S, 7E													
		1952 Tar Springs, Mis Cypress, Mis Aux Vases, Mis	70 2258 1985 2675 1952 2962 1986	55.1 10 20 30	176.7		6	2	0	6		S	2
							1	0	0			S	5
							2	0	0	36		S	6
							2	2	0				
Francis Mills S, Saline, 7S 7E													
		1955 Ohara, Mis Spar Mt., Mis	20 3010 1955 3042 1962	0.0 20 #	5.6		2	0	0	0		L	11
							2	0	0			L	6
							1	0	0	37			
			ABD 1957, REV AND ABD 1962										
Freeburg +, St. Clair, 1-2S, 7W (Now Freeburg Gas Storage Project)													
	Cypress, Mis	380 1955	20	0.0	0.0	2	0	0	0	30		S	30
					NOW FREEBURG GAS STORAGE PROJECT							C	Ord
													2008
Freemanspur, Williamson, 8S, 2E													
	Aux Vases, Mis	2500 1968	60	0.0	4.0		3	0	0	0		S	13
					ABD 1971, REV 1975, ABD 1979							Mis	2779
Friendsville Cen, Wabash, 1N, 13W													
		1946 Bethel, Mis Aux Vases, Mis Ohara, Mis Spar Mt., Mis McClosky, Mis	250 2330 1946 2585 1980 2597 1972 2629 1972 2656 1980	0.0 50 10 200 # #	178.2		18	0	0	7	35	S	15
							5	0	0			MC	5
							1	0	0			L	8
							8	0	0			S	4
							4	0	0			OL	3
							1	0	0				
			ABD 1956, REV 1972										
*Friendsville N, Wabash, 1N, 12-13W													
		1946 Biehl, Penn Bethel, Mis Ohara, Mis Spar Mt., Mis McClosky, Mis	340 1620 1946 2308 1959 2485 1984 2555 1984 2500 1984	1.2 220 20 100 # #	301.8		33	0	0	10		MC	12
							21	0	0	34		MC	11
							2	0	0	35		M	5
							6	0	0			S	6
							1	0	0			OL	3
							3	0	0				
Frogtown, Clinton, 2N, 3-4W													
	Cypress, Mis	950 1918	90	0.0	x		15	1	0	0	32	S	3
					ABD 1933, REV 1949, ABD 1956, REV 1984							ML	Trn
													3290
*Frogtown N, Clinton, 2-3N, 3-4W													
		1951 St. Louis, Mis Devonian	440 1200 1951 2250 1951	6.4 60 410	2204.2		37	0	0	18		Rd	Sil
							5	0	0	35		Rd	2456
							32	0	0	35		L	8
												Rd	

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covey	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test Depth Zone (ft)		
					During 1988	To end of 1988	Com- pleted 1988	Re- port- ed 1988	An- Aban- doned 1988	Sul- fur year	Rock ness API (%)	Thick- type (ft)			
Galatia N, Saline, 7S, 5E		1980	60	2.5	67.3		4	0	0	4				Mis	4544
	Aux Vases, Mis	3216 1980	50				3	0	0				S	5	
	Spar Mt., Mis	3391 1980	10				1	0	0				S	6	
**Gards Point C, Wabash, 1N, 14W		1951	1340	40.4	1427.1		79	0	0	56	40		L	6	Mis 4205
	Ohara, Mis	2870 1951	1000				56	0	0				S	6	
	Spar Mt., Mis	2880 1981	#				1	0	0				OL	4	
	McClosky, Mis	2905 1976	#				2	0	0				L	8	
	Salem, Mis	3375 1980	390				25	0	0				L	8	
	Ullin, Mis	3698 1975	10				1	0	0				L	8	
Gays, Moultrie, 12N, 6E		1946	100	3.0	133.3		8	0	0	2				M	Dev 3305
	Aux Vases, Mis	1970 1946	80				5	0	0	36			S	5	
	Carper	2963 1963	20				2	0	0	37			S	16	
	Devonian	3205 1955	30				2	0	0	38			L	3	MC
						ABD 1950, REV 1955									
*Germantown E, Clinton, 1-2N, 4W		2350 1956	520	13.0	2098.0		38	2	6	25	40		L	30	R Trn 3310
	Silurian														
*Gila, Jasper, 7-8N, 9E		2850 1957	510	0.1	1053.0		35	0	0	1	39		OL	3	MC Sil 4500
Gillespie-Wyen, Macoupin, 8N, 6W		Pennsylvanian	650 1915	90	1.3	x	25	0	0	4	28		S	6	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
						ABD 1957, REV 1959, ABD 1960, REV 1961									
*Goldengate C, Wayne, White, Edwards, 2-4S, 9-10E		1939	9380	195.1	20167.0		702	3	0	328				A	Dev 5572
	Cypress, Mis	2942 1960	100				5	0	0	36			S	8	
	Bethel, Mis	3110 1951	390				24	0	0	37			S	11	HL
	Aux Vases, Mis	3180 1944	4140				234	2	0	40	0.14		S	15	AL
	Ohara, Mis	3250 1943	6120				88	1	0	39			OL	6	AC
	Spar Mt., Mis	3275	#				116	0	0	38			LS	7	AC
	McClosky, Mis	3310 1939	#				231	0	0	36	0.19		OL	7	AC
	St. Louis, Mis	3430 1952	90				7	0	0	40			L	10	HL
	Salem, Mis	4130 1975	480				134	0	0				L	30	
	Ullin, Mis	4125 1961	480				31	0	0	39			L	9	A
	Dutch Creek, Dev	5346 1961	380				18	0	0	39			S	10	A
Goldengate E, Wayne, 3S, 9E		1951	80	0.4	55.3		6	0	0	4	37			M	4290
	Ohara, Mis	3290 1951	80				2	0	0				L	3	
	Spar Mt., Mis	3340 1976	#				1	0	0				S	4	
	McClosky, Mis	3360 1984	#				3	0	0				OL	5	
						ABD 1957, REV 1968									
*Goldengate N C, Wayne, 1-2S, 8-9E		1945	1700	58.4	1346.3		126	0	0	102	38			M	Mis 4750
	Bethel, Mis	3095 1952	10				2	0	0				S	3	ML
	Renault, Mis	3220 1984	10				1	0	0				S	36	
	Aux Vases, Mis	3235 1948	710				59	0	0	39			S	25	ML
	Ohara, Mis	3300 1945	1170				22	0	0	37			L	4	MC
	Spar Mt., Mis	3325 1945	#				34	0	0	37			L	5	MC
	McClosky, Mis	3350	#				43	0	0	39			L	6	MC
	Salem, Mis	4010 1983	50				4	0	0				L	8	
	Ullin, Mis	4315 3	40				3	0	0				L	7	
Grandview +, Edgar, 12-13N, 13W		Pennsylvanian	560 1945	100	0.2	10.9	10	0	0	8	30		S	10	M Ord 2694
Grantfork, Madison, 5N, 5W		Devonian	2000 1984	10	0.2	2.5	1	0	0	1			L	6	Sil 2400
Grayson, Saline, 8S, 7E		1957	90	1.5	38.6		8	0	0	4			S	14	Mis 3051
	Tar Springs, Mis	2200 1983	10				1	0	0						

(Continued on next page)

Table 7 continued

Pay zone	Year	Area (1000 bbls)	Number of wells				Character of oil		Pay zone	Deepest test	
			Com-	Re-	Pro-	Aban-					
Pool, county location by township and range	Name and age	Depth dis- (ft) covey	During acres	To end 1988	to port- 1988	end of 1988	doned 1988	GR. fur year	Sul-	Rock ness type (ft)	Thick- Zone (ft)
(Continued from following page)											
Grayson, Saline, 8S, 7E	Cypress, Mis	2515 1957	30.		2	0	0	37	S	6	
	Aux Vases, Mis	2913 1961	10		1	0	0	38	L	4	
	Spar Mt., Mis	2950 1981	50		1	0	0		S	3	
	McClosky, Mis	2920 1957	#		3	0	0	37	L	6	
	ABD 1972, REV 1981										
Greenville Gas +, Bond, 5N, 3W	Lingle, Dev	2240 1957	10	0.0	0.0	1	0	0	0	38	L
				ABD 1958							5 A Trn 3184
Griggsville, Pike, 4S, 3W	Silurian	400 1983	10	0.0	0.0	1	0	1	0		L 6 Ord 820
				ABD (OIL) 1986							
Hadley, Richland, 4N, 14W		1976	250	1.8	28.7	16	0	0	4		Mis 4415
	Spar Mt., Mis	2970 1976	240			15	0	0			S L 10 3
	McClosky, Mis	3253 1985	10			1	0	0			
*Half Moon, Wayne, 1S, 9E		1947	1310	5.9	3315.8	71	0	0	19		M Dev 5369
	Aux Vases, Mis	3190 1951	20			1	0	0	38	S	18 ML
	Ohara, Mis	3280	1280			41	0	0	40	L	11 MC
	Spar Mt., Mis	3280 1947	#			11	0	0		L	4 MC
	McClosky, Mis	3300 1947	#			22	0	0	37	L	10 MC
	Salem, Mis	3985 1977	20			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		1954	1550	84.5	2525.3	132	3	0	72		Knox 8729
	Waltersburg, Mis	2183 1985	200			16	1	0		S	6
	Tar Springs, Mis	2290 1984	240			22	0	0		S	8
	Hardinsburg, Mis	2330 1956	30			1	0	0	36	S	6
	Cypress, Mis	2618 1959	80			7	2	0	38	S	8
	Sample, Mis	2675 1954	30			4	0	0	39	S	8
	Aux Vases, Mis	2860	1010			78	0	0	41	S	15
	Ohara, Mis	2965 1956	240			7	0	0		L	10
	Spar Mt., Mis	2970 1956	#			9	0	0	39	LS	10
	McClosky, Mis	3174 1986	40			1	0	0		L	23
*Harco E +, Saline, 8S, 5E		1955	330	0.8	391.3	30	0	0	7		Mis 3900
	Cypress, Mis	2575 1955	120			12	0	0	38	S	20
	Aux Vases, Mis	2865 1956	220			13	0	0	38	S	8
	Ohara, Mis	2880 1955	40			4	0	0	39	L	14
*Harrisburg +, Saline, 8S, 6E		1952	100	0.8	296.1	10	0	0	2		Mis 2967
	Waltersburg, Mis	2020 1955	90			9	0	0	38	S	14
	Tar Springs, Mis	2115 1952	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							
Harrisburg W, Saline, 9S, 6E	Tar Springs, Mis	1944 1974	30	0.0	7.3	3	0	0	1		S 18 Mis 2903
Harristown, Macon, 16N, 1E	Silurian	2050 1954	1600	29.1	836.0	98	1	0	80	39	L 3 MU Sil 2200
Harristown S, Macon, 16N, 1E	Silurian	2140 1975	120	0.3	139.8	10	1	0	6		L 20 MU Sil 2219
Hayes, Douglas, Champaign, 16N, 8E	Trenton, Ord	893 1963	480	0.0	154.7	43	0	0	5	31	L 90 Cam 3430

Table 7 continued

Pay zone Pool, county location by township and range	Name and age	Year of proved Depth dis- (ft)	Area covered in acres	Production (1000 bbls) During 1988	Number of wells			Character of oil			Pay zone	Deepest test
					To end of 1988	Com- pleted 1988	Re- ported 1988	An- nounced 1988	Sul- fur year	Thick- ness API (%)		
Helena, Lawrence, 2N, 13W												
Ohara, Mis	2914 1985	90	0.3	6.6	8	0	0	0	3			Mis 3609
Spar Mtn, Mis	2902 1984	10			1	0	0			L 4		
McClosky, Mis	2899 1985	30			3	0	0			S 18		
St. Louis, Mis	2978 1969	20			1	0	0			L 3		
Salem, Mis	2822 1984	90			1	0	0			L 5		C
		40			4	0	0			L 5		
				ABD 1973, REV 1984								
*Herald C +, White, Gallatin, 6-8S, 9-10E												
Pennsylvanian	1940	8590	256.8	20553.9	739	4	1	370		A 10	Dev	5285
Pennsylvanian	1060	420			1	0	0	29		S 10	AL	
Pennsylvanian	1500	1940	#		23	0	0	36		S 15	AL	
Pennsylvanian	1750		#		6	0	0	29		S 18	AL	
Pennsylvanian	1881	1985	#		1	0	0			S 4		
Pennsylvanian	1927	1985	#		1	0	0			S 10		
Degonia, Mis	1920	1947	80		3	0	0	36		S 12	AL	
Clore, Mis	1965	60			2	0	0	36		S 10	AL	
Palestine, Mis	1940	20			3	0	0	34		S 20	AL	
Waltersburg, Mis	2240	1947	530		46	0	0	33		S 10	A	
Tar Springs, Mis	2260	1944	940		74	0	0	38 0.24		S 13	A	
Cypress, Mis	2660	1947	2870		228	0	0	35 0.22		S 14	A	
Bethel, Mis	2790		240		25	0	0	37		S 11	AL	
Aux Vases, Mis	2920	1943	3560		273	2	1	38		S 6	AL	
Ohara, Mis	2965		870		19	1	0	37		L 6	AC	
Spar Mt., Mis	3005		#		19	0	0			L 4	AC	
McClosky, Mis	3010	1945	#		38	1	0	35		L 10	AC	
St. Louis, Mis	3234	1981	600		35	0	0			L 7		
Salem, Mis	3870	1976	20		2	0	0			L 5		
Ullin, Mis	3960	1977	350		27	2	0			L 12		
Herrick S, Fayette, 8N, 2E												
Devonian	3152	1982	60	0.0	0.0	4	0	0	3	L 14	Dev	3200
Herrin, Williamson, 8S, 2E												
Cypress, Mis	2221	1965	10	0.0	2.0	1	0	0	0 38	S 9	Mis	2682
ABD 1972												
Hersman, Brown, 1S, 3W												
Silurian	650	1983	10	0.0	0.0	1	0	0	1		30	Ord 1170
*Hickory Hill, Marion, 1N, 4E												
Cypress, Mis	1964	90	0.0	25.7	8	0	0	1			Dev	4750
Benoist, Mis	2478	1964	10		1	0	0	36		S 10		
Aux Vases, Mis	2645	1964	20		2	0	0	37		S 7		
Spar Mt., Mis	2770	1985	10		1	0	0			S 4		
Salem, Mis	2833	1964	30		3	0	0	37		S 6		
	3220	1982	10		1	0	0			L 15		
ABD 1972, REV 1978, ABD 1981, REV 1985												
Hidalgo, Jasper, 8N, 10E												
McClosky, Mis	1940	300	3.0	78.9	26	4	0	13	37 0.20	L 4	MC	4332
St. Louis, Mis	2575	1940	250		25	4	0			L 4		
	2641	1980	10		1	0	0			L 4		
ABD 1952, REV 1965												
Hidalgo E, Jasper, 8N, 10E												
Aux Vases, Mis	1966	790	2.3	270.0	52	0	0	44		S 4		Mis 3048
Spar Mt., Mis	2264	1979	40		3	0	0			S 4		
	2342	1979	750		1	0	0			S 4		
McClosky, Mis	2467	1966	#		50	0	0	37		D 6		
Hidalgo N, Cumberland, 9N, 9E												
Spar Mt., Mis	1946	300	1.3	100.5	21	0	0	14	37	S 12		Mis 2807
McClosky, Mis	2655	1946	300		11	0	0			OL 9		
	2676	1959	#		13	0	0	37				
ABD 1973, REV 1978												
Hidalgo S, Jasper, 8N, 10E												
Aux Vases, Mis	1964	3000	44.6	970.1	192	3	0	155			Dev	4231
Spar Mt., Mis	2680	1981	10		1	0	0			S 6		
	2660	1981	3000		21	0	0			S 34		
McClosky, Mis	2628	1964	#		173	3	0	37		D 4		
St. Louis, Mis	2721	1986	10		1	0	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								

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of dis- covery	Area in acres	Production (1000 bbls)	Number of wells				Character of oil		Pay zone	Deepest test		
					To end During 1988	Com- pleted 1988	Re- port end of 1988	An- doned 1988	Pro- ducing 1988	Sul- fur GR. (%)	Rock ness	Thick- ness	Struc- ture	Depth (ft)
Hill, Effingham, 6N, 6E		1943	90	1.7	71.7	8	0	0	4				Mis	2963
	Aux Vases, Mis	2530 1978	20			2	0	0			S	8		
	Spar Mt., Mis	2547 1977	80			2	0	0			S	4		
	McClosky, Mis	2565 1943	#			4	0	0		39	L	5	A	
				ABD 1950, REV 1970, ABD 1972, REV 1977										
*Hill E, Effingham, 6N, 6E		1954	500	1.4	1321.3	39	0	0	3				Dev	4500
	Cypress, Mis	2460 1955	290			26	0	0		37	S	8		
	Aux Vases, Mis	2650 1957	10			1	0	0		37	S	10		
	Spar Mt., Mis	2660 1954	260			2	0	0			L	5		
	McClosky, Mis	2700 1954	#			10	0	0		40	L	7		
	St. Louis, Mis	2929 1966	10			1	0	0			D	14		
Hillsboro, Montgomery, 9N, 3W		2012 1962	30	0.0	0.2	3	0	0	0	36	S	4	Ord	3280
	Lingle, Dev		ABD 1967											
Hoffman, Clinton, 1N, 2W		1939	360	4.5	906.0	54	0	0	31				Dev	2914
	Cypress, Mis	1190	190			16	0	0		36	S	11	A	
	Benoist, Mis	1320 1939	240			39	0	0	33	0.21	S	7	A	
Holliday, Fayette, 9N, 3E		3150 1977	10	0.0	0.0	1	0	0	0		S	6	Dev	3237
	Devonian		ABD 1978											
Hoodville E, Hamilton, 5S, 7E		1944	70	4.9	5.5	3	3	0	3				Mis	4461
	Ohara, Mis	3302 1988	20			1	1	0			L	6	A	
	Spar Mtn, Mis	3337 1988	40			3	3	0			S	5		
	McClosky, Mis	3365 1944	40			2	0	0	37		L	3	A	Mis 4461
			ABD 1944, REV 1979, ABD 1982, REV 1988											
*Hord, Clay, 5N, 6E		1950	330	1.4	621.5	23	0	0	4				Mis	2954
	Aux Vases, Mis	2702 1959	120			9	0	0		38	S	10	M	
	Ste. Gen., Mis	2800 1950	280			14	0	0	37		L	5	M	
Hord N, Effingham, 6N, 6E		1958	60	2.2	210.5	6	0	0	4				Mis	2938
	Cypress, Mis	2430 1958	40			3	0	0		33	S	14		
	Aux Vases, Mis	2633 1959	30			3	0	0	38		S	10		
*Hord S C, Clay, 5N, 6E		1942	410	1.7	1830.5	30	0	0	2				Mis	3460
	Aux Vases, Mis	2735 1955	70			4	0	0		37	S	8	A	
	Ste. Gen., Mis	2790 1942	390			27	0	0	36		L	7	AC	
			ABD 1945, REV 1951											
Hornsby Nw, Macoupin, 9N, 6W		1980	20	0.0	0.0	2	0	0	2		S	30	Pen	666
	Pennsylvanian													
Hornsby S, Macoupin, 8N, 6W		640 1956	60	0.0	0.0	5	0	0	0	28	S	1	Pen	715
	Pennsylvanian		ABD 1957, REV 1959, ABD 1960, REV & ABD 1986											
Hoyleton W, Washington, 1S, 2W		1945	10	0.0	3.7	1	0	0	0	39	L	12	Sil	2965
	Clear Creek, Dev	2895 1955	ABD 1964											
Huey, Clinton, 2N, 2W		1260 1945	120	0.0	7.7	10	0	0	3	34	S	6	AL	Dev 2851
	Benoist, Mis		ABD 1974, REV 1982											
Huey S, Clinton, 1-2N, 2-3W		1953	310	3.1	301.5	23	0	0	11				Sil	2675
	Cypress, Mis	1080 1953	190			17	0	0		34	S	5		
	Silurian	2585 1956	110			6	0	0	40		L	10		
Hunt City, Jasper, 7N, 10E		1945	60	0.2	11.0	6	0	0	3				Mis	3020
	Spar Mt., Mis	2540 1945	60			2	0	0		37	S	10	ML	
	McClosky, Mis	2525 1980	#			4	0	0			O	33		
			ABD 1950, REV 1980											

Table 7 continued

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area in acres	Production (1000 bbls)	Number of wells				Character of oil		Pay zone	Deepest test Depth (ft)	
					To end of 1988	Com- pleted During 1988	To end of 1988	Re- Aban- doned 1988	Pro- duced 1988	Sul- fur API (%)	Rock type	Thick- ness Struc- ture	
Hunt City E, Jasper, 7N, 14W		1952	990	41.1	700.5	70	0	0	54		S	5	Sil 3660
Aux Vases, Mis		1634 1986	10			1	0	0			L	3	
Chara, Mis		1840 1984	120			8	0	0			S	8	
Spar Mt., Mis		1958 1985	50			8	0	0			L	6	
Fredonia, Mis		2000 1952	780			53	0	0	40		D	20	
St. Louis, Mis		2187 1966	40			2	0	0	39				
				ABD 1954, REV 1965									
Hunt City S, Jasper, 7N, 14W		1966	110	0.5	26.5	7	0	0	2		S	6	Dev 4024
Spar Mt., Mis		2392 1980	30			1	0	0			L	4	
McClosky, Mis		2341 1966	#			6	0	0	38				
Hutton, Coles, 11N, 10E	Pennsylvanian	530 1939	20	0.0	1.9	2	0	0	0	30	S	15	Ord 3437
				ABD 1946									
Illiopolis, Sangamon, 16N, 2W	Silurian	1765 1977	60	0.3	17.6	2	0	0	2		L	3	Sil 1823
*Ina, Jefferson, 4S, 2-3E		1938	430	0.0	749.4	28	0	0	0		A	AL	Dev 4630
Renault, Mis		2725 1954	150			7	0	0	36		S	14	
Aux Vases, Mis		2682 1958	30			3	0	0	36		S	26	
Spar Mt., Mis		2775 1957	110			3	0	0			S	10	
McClosky, Mis		2775 #				4	0	0	35		L	10	
St. Louis, Mis		3000 1938	90			8	0	0	37	0.20	L	4	AC
Salem, Mis		3210 1957	40			4	0	0	37		L	9	A
				ABD 1946, REV 1954, ABD 1977									
Ina N, Jefferson, 4S, 3E	McClosky, Mis	2940 1949	10	0.0	0.7	1	0	0	0	35	L	4	Mis 3689
				ABD 1950									
Incose +, Edgar, Clark, 12N, 13-14W	Isabel, Penn	345 1941	110	0.1	4.0	15	0	0	4	30	S	AL	Dev 1604
*Ingraham C, Clay, 4N, 8E		1942	2360	36.4	5097.7	174	0	0	67		M	Dev	4844
Tar Springs, Mis		2332 1969	10			1	0	0			S	8	
Aux Vases, Mis		2920	360			29	0	0	38		S	10	ML
Chara, Mis		3015 1982	2130			2	0	0			L	5	
Spar Mt., Mis		3000 #				61	0	0	37	0.21	L	7	MC
McClosky, Mis		3075 1942	#			85	0	0	37	0.21	L	8	MC
Salem, Mis		3500 1981	50			5	0	0			L	6	
				ABD 42, REV 43, ABD 44, REV 50, ABD 68, REV 69									
*Inman E C, Gallatin, 7-8S, 10E		1940	5110	60.7	22971.3	491	0	0	179	38	S	10	AF
Pennsylvanian		780	110			7	0	0			S	4	AF
Pennsylvanian		1450	#			3	0	0			S	10	AF
Deconia, Mis		1690	90			4	0	0	37		S	8	AF
Clore, Mis		1725 1942	50			6	0	0	36		S	13	AF
Palestine, Mis		1840 1942	90			4	0	0	35		S	18	AF
Waltersburg, Mis		1980 1942	1280			95	0	0	37	0.24	S	13	AF
Tar Springs, Mis		2080 1940	1900			165	0	0	34		S	10	AF
Hardinsburg, Mis		2135 1943	310			20	0	0	37	0.23	S	14	AF
Cypress, Mis		2390	2470			171	0	0			S	5	AF
Renault, Mis		2675 1967	20			2	0	0	36		S	8	AF
Aux Vases, Mis		2715	930			60	0	0	37		L	5	AF
Chara, Mis		2795 1947	190			3	0	0			L	7	AF
Spar Mt., Mis		2790 #				2	0	0			L	8	AF
McClosky, Mis		2800 #				9	0	0	39		L	10	AF
St. Louis, Mis		2960 1957	40			6	0	0	38				
*Inman W C, Gallatin, 7-8S, 9-10E		1940	4320	104.9	10031.9	394	4	2	196		T	Mis	4154
Pennsylvanian		925	220			8	0	0			S	8	AL
Pennsylvanian		1630	#			5	0	0			S	5	AL
Biehl, Penn		1750	#			9	0	0	35		S	12	AL
Palestine, Mis		1765 1947	40			4	0	0	35		S	13	AL
Waltersburg, Mis		2080	140			9	0	0	37		S	10	TL
Tar Springs, Mis		2140 1943	1390			97	1	1	36		S	8	TL
Hardinsburg, Mis		2300 1947	310			23	0	1	32		S	10	TL
Cypress, Mis		2475 1942	2460			188	1	1	37		S	10	T
Sample, Mis		2610	50			1	0	0	36		S	30	T
Renault, Mis		2775 1949	40			4	0	0	37		L	7	T
Aux Vases, Mis		2790 1949	1130			90	2	0	37		S	15	TL

(Continued on next page)

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covey	Area in acres	Production (1000 bbls)	Number of wells				Character of oil		Pay zone	Deepest test	
					To end During 1988	To end of 1988	Re- port ed 1988	Aban- doned 1988	Pro- duc- ing year	Sul- fur API (%)	Rock ness	Struc- ture	Depth (ft)
*Imman W C, Gallatin, 7-8S, 9-10E													
Ohara, Mis	2815	310			8	0	0			L	12	TC	
Spar Mt., Mis	2815	1940	#		5	0	0		38	L	8	TC	
McClosky, Mis	2940	1941	#		19	0	0		36	0.19	L	6	TC
St. Louis, Mis	3180	1967	10		1	0	0		39		L	6	
(Continued from previous page)													
Iola Cen, Clay, 5N, 5E													
Cypress, Mis	1954	280	2.1	125.1	23	0	0	13			Dev	4400	
Benoist, Mis	2277	1972	150		12	0	0			S	15		
Spar Mt., Mis	2420	1954	60		6	0	0		36		S	5	
	2560	1983	60		4	0	0			S	5		
ABD 1957, REV 1965													
*Iola C, Clay, Effingham, 5-6N, 5-6E													
1939	3770	77.1	17508.1		340	0	0	225			A	Ord	6000
Tar Springs, Mis	1890	20			1	0	0		35	S	9	AL	
Cypress, Mis	2125	1943	780		52	0	0		35	S	15	A	
Bethel, Mis	2255	1942	60		5	0	0		36	S	10	AL	
Benoist, Mis	2290		1370		97	0	0		36	0.14	S	12	A
Renault, Mis	2320		10		1	0	0			L	12	AC	
Aux Vases, Mis	2325	1939	2440		198	0	0		36	0.25	S	10	A
Ohara, Mis	2410	1963	1740		2	0	0			L	6	A	
Spar Mt., Mis	2430	#			74	0	0		37	LS	7	A	
McClosky, Mis	2425	1940	#		69	0	0		38	OL	10	A	
St. Louis, Mis	2880	1984	10		1	0	0			L	6		
Salem, Mis	2920	1984	20		2	0	0			L	5		
Iola S, Clay, 4N, 5E													
1947	440	0.5	572.2		34	0	0	8			A	Sil	5075
Benoist, Mis	2490	1948	180		12	0	0	36		S	10	AL	
Spar Mt., Mis	2590		290		11	0	0			L	6	AC	
McClosky, Mis	2650	1947	#		10	0	0	37		L	3	AC	
Carper	3900	1967	10		1	0	0	38		S	7		
Devonian	4238	1980	30		2	0	0			S	8		
Iola W, Clay, 5N, 5E													
McClosky, Mis	2495	1945	10	0.0	0.5			1	0	0	0	37	
				ABD 1945						L	11	MC	Mis 2613
*Irvington, Washington, 1S, 1W													
1940	1430	57.5	10201.3		146	0	0	96			A	Ord	4440
Beech Creek, Mis	1525	1951	10		1	0	0		38	L	3	AC	
Cypress, Mis	1380	1943	440		38	0	0		36	S	12	A	
Benoist, Mis	1535	1940	1040		86	0	0		37	0.16	S	12	A
Clear Creek, Dev	3090		370		24	0	0		39	0.27	L	12	A
Trenton, Ord	4275	1956	110		6	0	0		39	L	90	A	
*Irvington E, Jefferson, 1S, 1E													
1951	340	9.5	1234.0		27	0	0	24				Mis	2222
Pennsylvanian	1030	1951	40		5	0	0	32		S	15		
Cypress, Mis	1750	1955	120		7	0	0	37		S	15		
Benoist, Mis	1950	1955	200		18	0	0	37		S			
Irvington N, Washington, 1N, 1S, 1W													
1953	310	13.8	1555.1		28	0	0	25			A	Ord	4334
Cypress, Mis	1340	60			5	0	0	37		S	16	AL	
Benoist, Mis	1470	1953	250		22	0	0	39		S	6	AL	
Irvington W, Washington, 1S, 1W													
Cypress, Mis	1460	1963	50	1.2	21.6			3	0	0	1	36	
										S	20		Mis 1909
*Iuka, Marion, 2N, 4E													
1947	1410	33.4	1669.5		101	4	0	68			M	Dev	4590
Aux Vases, Mis	2528	1960	40		3	0	0		37	S	11	M	
Ohara, Mis	2650		810		7	0	0			L	5	MC	
Spar Mt., Mis	2660	#			8	0	0			L	15	MC	
McClosky, Mis	2750	1947	#		45	4	0		39	L	10	MC	
St. Louis, Mis	2775	1952	300		17	0	0		37	L	5	MC	
Salem, Mis	2999	1979	480		33	0	0			L	7		
Iuka S, Marion, 2N, 4E													
1971	640	37.0	770.3		47	2	0	39			Dev	4504	
Paint Creek, Mis	2488	1985	10		1	0	0			S	4		
Renault, Mis	2478	1986	40		2	1	0						
(Continued on next page)													

Table 7 continued

Pay zone Pool, county location by township and range	Name and age	Year of proved depth dis- (ft)	Area covered in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test		
					To end of 1988	During 1988	Com- pleted end of 1988	Re- ported end of 1988	Pro- duced 1988	An- nounced 1988	Sul- fur API (%)	Rock type	Thick- ness (ft)		
Iuka S, Marion, 2N, 4E														(Continued from previous page)	
Ohara, Mis	2705 1983	520			3	0	0				L	5			
Spar Mt., Mis	2730 1983	#			2	0	0				S	4			
McClosky, Mis	2680 1971	#			33	1	0				L	5			
St. Louis, Mis	2881 1982	100			8	0	0				L	6			
Salem, Mis	3237 1981	30			3	0	0				L	11			
Iuka W, Marion, 2N, 3-4E															
McClosky, Mis	2700 1955	60	0.5	70.2	5	0	0		2	37	L	5	Mis	3352	
Jacksonville Gas +, Morgan, 15N, 9W															
Pennsylvanian	1910 1910	130	0.3	3.8	19	1	0		4				Ord	1390	
	330 1910	120			13	1	0		37		LS	5	ML		
McClosky, Mis	272 1972	10			1	0	0				L	29			
St. Louis, Mis	304 1985	4			4	0	0				L	10			
Salem, Mis	294 1972	20			2	0	0				L	19			
ABD 1937, REV 1967, ABD 1969, REV 1972															
*Johnson N, Clark, 9-10N, 14W															
Kickapoo, Penn	1907 2510	x	x		670	0	0		302				AM	Ord	4519
	315 2400				34	0	0				S	x	AM		
Casey, Penn	465 #				213	0	0		32		S	x	AM		
Partlow, Penn	535 #				51	0	0				S	x	AM		
Claypool, Penn	415 #				305	0	0				S	x	AM		
Benoist, Mis	470 1984	60			5	0	0				S	10			
Aux Vases, Mis	520 1984	70			5	0	0				S	6			
McClosky, Mis	556 80				0	0	0		35		OL	6	AM		
Carper	1325 300				12	0	0		37		S	x	AM		
Devonian	1720 1973	10			1	0	0				L	45			
Trenton, Ord	2900 1977	180			4	0	0				L	60			
SEE CLARK COUNTY DIV. FOR PRODUCTION															
*Johnson S, Clark, 9N, 14W															
Claypool, Penn	1907 2080	x	x		714	0	0		209				AM	Dev	2460
	390 2060				40	0	0				S	60	AM		
Casey, Penn	450 #				61	0	0		30		S	x	AM		
Partlow, Penn	490 #				435	0	0		31		S	48	AM		
Partlow, Penn	600 #				230	0	0		29		S	48	AM		
Claypool, Penn	390 2060				40	0	0				S	60	AM		
Aux Vases, Mis	717 1961	40			1	0	0		35		S	21	A		
Carper	1740 1971	20			1	0	0				S	22			
Devonian	1920 1975	20			1	0	0				L	x			
SEE CLARK COUNTY DIV. FOR PRODUCTION															
*Johnsonville C, Wayne, 1N, 1S, 6-7E															
Bethel, Mis	1940 9600	285.4	55668.5		534	0	2		209				A	Trn	6460
	2950 30				3	0	0				S	12	AL		
Aux Vases, Mis	3020 3220				182	0	0		36		S	20	AL		
Ohara, Mis	3120 1943	8390			36	0	1		38	0.14	OL	10	AC		
Spar Mt., Mis	3150 #				14	0	0		38		OL	8	AC		
McClosky, Mis	3170 1940	#			456	0	1		38	0.17	OL	15	AC		
St. Louis, Mis	3256 1961	140			13	0	0		38		L	14	A		
Salem, Mis	3852 1960	350			21	0	0		39		L	5	AC		
Ullin, Mis	3933 1980	20			2	0	0				L	5			
Johnsonville N, Wayne, 1N, 6E															
Ohara, Mis	1943 190	0.0	97.8		11	0	0		0				A	Dev	5150
	3190 1943	190			1	0	0				OL	3	AC		
Spar Mt., Mis	3220 #				10	0	0				L	8	AC		
McClosky, Mis	3250 1943 #				1	0	0				OL	3	AC		
ABD 1966, REV 68, ABD 69, REV 80, ABD 84															
*Johnsonville S, Wayne, 1S, 6E															
Aux Vases, Mis	1942 1370	46.4	2259.1		111	0	0		69				A	Mis	4160
	3060 1942	500			39	0	0				S	15	A		
Ohara, Mis	3160 1977	460			4	0	0				L	5			
Spar Mt., Mis	3160 #				5	0	0				L	4	AC		
McClosky, Mis	3200 1942 #				21	0	0				L	5	AC		
St. Louis, Mis	3290 1977	20			2	0	0				L	6			
Salem, Mis	3772 1975	750			49	0	0				L	30			
*Johnsonville W, Wayne, 1N, 1S, 5-6E															
Bethel, Mis	1942 880	1.1	2338.2		71	0	0		16				M	Mis	3900
	2925 1952	40			1	0	0				S	7	ML		
Aux Vases, Mis	2900 1943	440			37	0	0				S	6	ML		
Ohara, Mis	2930 390				5	0	0				L	6	MC		
Spar Mt., Mis	3015 #				10	0	0				L	4	MC		
McClosky, Mis	3100 1942 #				19	0	0				L	7	MC		
Ullin, Mis	3823 1978	10			1	0	0				L	19			

Table 7 continued

Pay zone	Year of proved depth in feet	Area covered in acres	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test
				Com- pleted to end of 1988	To end of 1988	Re- port- ed end of 1988	Aban- doned 1988	end of 1988	Sul- fur API (%)	Rock type	Thick- ness (ft)
*Johnston City E, Williamson, 8S, 3E											
Cypress, Mis	1959	290	3.6	1188.2	20	0	0	13	37	S	20
Cypress, Mis	2290	1959	130		9	0	0			S	5
Bethel, Mis	2500	1975	10		1	0	0			S	10
Aux Vases, Mis	2620	1962	260		12	0	0	36		L	5
Ohara, Mis	2660	1975	20		1	0	0			L	7
Spar Mt., Mis	2660	1963	#		2	0	0			OL	12
McClosky, Mis	2680	1963	#		1	0	0	38			
*Johnston City N E, Williamson, 8S, 3E											
Aux Vases, Mis	2818	1969	50	2.5	241.0	4	0	0	4	S	16
*Junction, Gallatin, 9S, 9E											
Pennsylvanian	1939	390	1.5	712.1	33	0	0	7	35	S	7
Pennsylvanian	1150	1947	30		4	0	0			ML	
Waltersburg, Mis	1750	1939	300		26	0	0	37		S	14
Hardinsburg, Mis	2120	1949	30		1	0	0	34		S	5
Cypress, Mis	2275	1954	30		3	0	0	37		ML	12
McClosky, Mis	2730	1955	10		1	0	0	37		L	9
*Junction E, Gallatin, 8-9S, 9E											
Waltersburg, Mis	1953	190	2.1	173.3	12	0	0	8	37	S	14
Tar Springs, Mis	2000	1953	140		8	0	0			S	25
Ohara, Mis	2119	1973	10		1	0	0			L	8
Ohara, Mis	2830	1980	40		3	0	0				
*Junction N, Gallatin, 8-9S, 9E											
Pennsylvanian	1946	280	1.3	267.5	25	0	0	11	36	S	16
Pennsylvanian	1565	1947	100		11	0	0			ML	20
Waltersburg, Mis	1990	1973	80		5	0	0			S	10
Cypress, Mis	2450	1954	30		3	0	0	37		S	4
Aux Vases, Mis	2725	1946	40		3	0	0	36		L	6
Spar Mt., Mis	2860	1955	40		3	0	0	37		MC	
Junction City C, Marion, 2N, 1E											
Dykstra, Penn	1910	170	0.4	39.2	18	0	0	12	32	S	AL
Dykstra, Penn	510	1910	170		11	0	0			x	AL
Wilson, Penn	680	1952	#		7	0	0			S	AL
Keensburg E, Wabash, 2S, 13W											
Ohara, Mis	1939	40	0.0	14.5	3	0	0	0		M	Mis
McClosky, Mis	2705	1945	40		1	0	0			MC	2802
McClosky, Mis	2710	1939	#		2	0	0	38	0.26	L	6
*Keensburg S, Wabash, 2-3S, 13W											
Pennsylvanian	1944	340	7.0	1179.2	32	0	0	17	33	S	15
Pennsylvanian	1145	1944	150		16	0	0			AL	9
Cypress, Mis	2385	1951	130		11	0	0	36		S	AC
Ohara, Mis	2715	1944	40		3	0	0	38		L	10
Salem, Mis	3200	1973	20		2	0	0			L	8
*Keenville, Wayne, 1S, 5E											
Renault, Mis	1945	1580	59.6	5572.3	133	0	0	78		A	Dev
Aux Vases, Mis	2935	1983	10		1	0	0			S	4
Ohara, Mis	2960	1945	430		32	0	0	37		S	20
Spar Mt., Mis	3050	1946	660		5	0	0			L	8
Spar Mt., Mis	3060		#		15	0	0			L	10
McClosky, Mis	3100		#		31	0	0	37		L	7
St. Louis, Mis	3238	1982	10		1	0	0			L	AC
Salem, Mis	3620	1977	900		54	0	0	37		L	8
Devonian	5005	1982	10		1	0	0	37		L	8
Keenville E, Wayne, 1S, 5E											
Spar Mt., Mis	1951	190	3.8	155.0	14	1	0	8		Mis	3982
McClosky, Mis	3075	1967	90		1	0	0			L	4
McClosky, Mis	3120	1951	#		6	0	0	37		L	10
St. Louis, Mis	3190	1967	20		3	0	0	39		L	10
Salem, Mis	3709	1977	110		10	1	0			L	10
Kell, Jefferson, 1S, 3E											
McClosky, Mis	2625	1942	50	0.0	14.2	5	0	0	0	A	Mis
ABD 1944, REV 1958, ABD 1962											

Table 7 continued

Pay zone	Year	Area	Production			Number of wells			Character			Pay zone	Deepest
			of proved	Depth dis-	in	To end	Com-	Re-	Pro-	of oil	test		
Pool, county location by township and range							pleted	to port-	Aban-	Sul-	Thick-		
Name and age							1988	1988	1988	GR. fur	Rock ness	Struc-	Depth
										API (%)	type (ft)	ture Zone	(ft)
Kell E, Jefferson, Marion, 1N-1S, 3E	1979	220	11.0	219.6			18	0	0	12			Mis 3511
McClosky, Mis	2640 1981	10					1	0	0		L	2	
St. Louis, Mis	2841 1979	170					15	0	0		L	8	
Salem, Mis	3072 1980	50					5	0	0		L	4	
Kell N, Marion, 1N, 3E	1976	130	1.9	19.3			8	0	0	4			Mis 3197
Spar Mt., Mis	2420 1982	50					2	0	0		S	3	
St. Louis, Mis	2695 1976	20					2	0	0		L	4	
Salem, Mis	2770 1976	80					7	0	0		L	4	
Kell W, Marion, 1N, 2E	1962	10	0.0	0.8			1	0	0	0 38	OL	6	Mis 2475
McClosky, Mis	2354 ABD 1964												
Kellerville, Adams, Brown, 1-2S, 5W	1959	880	4.1	312.5			81	0	0	35	D	7	AC Stp 1075
Silurian													
*Kenner, Clay, 3N, 5-6E	1942	1310	7.7	2631.6			113	0	0	26			Sil 4970
Tar Springs, Mis	2200 1945	10					1	0	0	37	S	7	A AL
Benoist, Mis	2690 1942	710					57	0	0	37 0.22	S	10	A
Renault, Mis	2761 1958	250					18	0	0	37	S	9	A
Aux Vases, Mis	2835 1943	850					49	0	0	38	S	9	AL
Spar Mt., Mis	2875 1947	180					6	0	0		LS	5	AC
McClosky, Mis	2930 1945	#					8	0	0	37	L	7	AC
St. Louis, Mis	2978 1964	20					2	0	0	37	L	4	
Carper	4221 1959	10					1	0	0	39	S	10	A
Devonian	4424 1959	50					3	0	0	36	L	55	A
*Kenner N, Clay, 3N, 6E	1947	390	0.0	888.6			36	0	0	1			Ord 6032
Benoist, Mis	2755 1947	390					31	0	0	37	S	8	A
McClosky, Mis	2970 1947	80					5	0	0	37	L	6	AC
Kenner S, Clay, 2N, 5E	1950	40	0.0	20.6			4	0	0	0			Dev 4752
Benoist, Mis	2730 1967	20					2	0	0	37	S	5	A
Aux Vases, Mis	2768 1971	10					1	0	0		S	6	A
McClosky, Mis	2870 1950	30					4	0	0	37	L	10	AC
	ABD 1952, REV 1967, ABD 1978												
*Kenner W, Clay, 3N, 5E	1947	410	0.9	2139.4			36	0	0	9			Dev 4800
Cypress, Mis	2600 1947	350					27	0	0	37	S	26	A
Benoist, Mis	2705 1947	230					16	0	0	38	S	9	A
Renault, Mis	2802 1960	10					1	0	0	37	S	10	A
Aux Vases, Mis	2837 1960	110					8	0	0	38	S	24	A
McClosky, Mis	2870 1947	20					2	0	0	38	L	4	A
Lingle, Dev	4490 1983	20					1	0	0		S	15	
Keyesport, Clinton, 3N, 2W	1949	180	0.9	181.2			20	0	0	12 35	S	8	AL Mis 1358
Benoist, Mis	1180 1949												
*Kincaid C, Christian, 13-14N, 3W	1955	2660	58.7	6099.9			152	0	0	104			MU Sil 2011
Cedar Valley, Dev	1800 1955	2620					147	0	0	38	DS	19	MU
Silurian	1874 1959	50					5	0	0	38	D	7	Sil
*King, Jefferson, 3-4S, 3E	1942	1440	1.4	3762.8			113	0	0	33			Ord 6015
Renault, Mis	2718 1959	10					1	0	0	39	S	x	A
Aux Vases, Mis	2725 1942	1390					105	0	0	39 0.17	S	15	AL
Ohara, Mis	2765 1942	320					11	0	0		L	10	AC
Spar Mt., Mis	2815 #						7	0	0	40 0.16	LS	10	AC
McClosky, Mis	2840 1942	#					4	0	0		L	5	AC
King N, Jefferson, 3N, 3E	1981	400	122.5	384.0			21	7	0	21			Mis 4050
Ohara, Mis	2875 1981	250					1	0	0		L	8	
Spar Mtn., Mis	2941 1987	#					3	3	0		S	8	
McClosky, Mis	2910 1981	#					17	4	0		L	5	
St. Louis, Mis	3070 1981	20					2	1	0		L	8	

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covey	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test	
					To end of 1988	During 1988	Com- pleted 1988	Re- port end of 1988	Aban- doned 1988	Pro- ducing 1988	Sul- fur year	Rock ness API (%)	Thick- ness type (ft)	
Kinmundy, Marion, 4N, 2-3E														
Benoist, Mis	1915 1950	450	9.5	218.1	32	3	0	23	34	S	3	A	Dev 3650	
Aux Vases, Mis	2061 1985	10			6	3	0			S	4			
St. Louis, Mis	2360 1985	10			1	0	0			L	4			
Salem, Mis	2430	10			1	0	0			L	7	A		
Carper	3384 1962	410			2	0	0			36				
				ABD 1960, REV 1962	25	0	0		37	S	17			
Kinmundy N, Marion, 4N, 3E														
Benoist, Mis	2050 1953	120	16.6	20.7	15	3	0	10	34	S	6	Dev	3760	
		ABD 1954, REV 1951, ABD 1974, REV 1984												
Laclede, Fayette, 5N, 4E														
Benoist, Mis	2335 1943	140	5.0	71.2	14	0	0	8	36	0.18	S	15	A	Dev 4087
Lakewood, Shelby, 10N, 2-3E														
Benoist, Mis	1941 1690	130	1.2	294.3	13	0	0	4	30	S	7	A	Sil 3127	
Aux Vases, Mis	1941 1720	80			8	0	0			S	8	AL		
		50			5	0	0		32 0.23					
*Lancaster, Wabash, Lawrence, 1-2N, 13W														
Tar Springs, Mis	1940 2050	2280	15.1	5518.2	172	0	0	72	31	S	3	A	Dev 4555	
Bethel, Mis	1959 2540	10			0	0	0			S	14	AL		
Ohara, Mis	1944 2670	980			1	0	0		36	L	10	AC		
Spar Mt., Mis	1964 2649	1270			6	0	0			L	6			
McClosky, Mis	1940 2690	#			10	0	0			L	7	AC		
Salem, Mis	1982 3282	50			65	0	0		40 0.28	L	8			
					3	0	0							
Lancaster Cen, Wabash, 1N, 13W														
Aux Vases, Mis	1940 2770	500	10.0	510.9	46	2	0	20		M	Mis	3994		
Ohara, Mis	1981 2750	70			6	1	0			S	12			
Spar Mt., Mis	1946 2810	350			10	0	0			L	7	MC		
McClosky, Mis	1947 2815	#			11	0	0		37	L	8	MC		
St. Louis, Mis	1980 3010	50			6	1	0			L	6			
Salem, Mis	1981 3450	170			4	0	0			L	12			
				ABD 1961, REV 72, ABD 76, REV 80	13	0	0							
*Lancaster E, Wabash, 2N, 13W														
Bridgeport, Penn	1944 1310	110	1.1	84.8	11	0	0	6		M	Mis	2760		
Buchanan, Penn	1976 1410	80			1	0	0			S	13			
Biehl, Penn	1976 1745	#			1	0	0			S	5			
Benoist, Mis	1984 2409	10			7	0	0		31	S	10	ML		
Ohara, Mis	1985 2661	10			1	0	0			S	4			
Spar Mt., Mis	1947 2660	10			1	0	0		39	L	6	MC		
				ABD 1975, REV 1976										
*Lancaster S, Wabash, 1N, 13W														
Bethel, Mis	1946 2520	330	5.0	573.5	24	0	0	10	36	M	Mis	3620		
Ohara, Mis	1949 2670	280			19	0	0			ML	6			
McClosky, Mis	1946 2720	80			4	0	0			MC	6			
		#			1	0	0		39	L	12	MC		
Langewisch-Kuester, Marion, 1N, 1E														
Pennsylvanian	1910 795	120	0.3	46.0	16	0	0	1	32	M	Mis	3509		
Cypress, Mis	1951 1600	10			2	0	0			ML	6			
		110			14	0	0		35	MC	6			
Lawler, Gallatin, 9S, 8E														
Pennsylvanian	1982 1050	80	0.2	11.1	7	0	0	4		Mis	2485			
Palestine, Mis	1982 1324	40			3	0	0			S	40			
Walterburg, Mis	1984 1507	40			3	0	0			S	8			
		10			1	0	0			S	20			
*Lawrence, Lawrence, Crawford, 2-5N, 11-13W														
Trivoli, Penn	1906 290	37540	x	x	7589	57	1	3079	28	A	Cam	9261		
Pennsylvanian	1982 950	11650			19	0	0			S	x	A		
Cuba, Penn	1982 450	#			24	0	0			S	15	A		
Ridgley, Penn	1982 1300	#			6	0	0			S	x	A		
Bridgeport, Penn	1982 800	#			x	1	0			S	x			
Buchanan, Penn	1982 1250	#			1454	5	0		36	S	40	A		
Tar Springs, Mis	1982 1410	80			592	0	0		33	S	15	A		
					8	0	0		34	S	10	A		

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft)	Area covered in acres	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test Thickness Rock ness Struc- ture type (ft)	Depth Zone (ft)	
					To end During 1988	Com- pleted 1988	Re- ported 1988	Pro- duced 1988	Aban- doned 1988	Sul- fur year				
*Lawrence, Lawrence, Crawford, 2-5N, 11-13W (continued)														
Hardinsburg, Mis	1570	350			32	0	0	33		S	10	A		
Jackson, Mis	1370	1700			343	2	0	33		S	15	A		
Cypress, Mis	1400	23560			4758	23	1	40		S	30	A		
Sample, Mis	1600	11110			343	29	0	35		S	8	A		
Bethel, Mis	1650	#			1020	10	0	38		S	20	A		
Benoist, Mis	1695	#			189	18	0	37		S	7	A		
Renault, Mis	1660	1983	130		3	0	0			L	3			
Aux Vases, Mis	1775	1130			87	0	0	38		S	8	A		
Ohara, Mis	1750	15010			22	0	0			L	8	A		
Spar Mt., Mis	1860	#			129	1	0	33		LS	4	A		
McClosky, Mis	1860	#			1287	12	0	40		L	10	A		
St. Louis, Mis	1660	370			21	0	0	35		L	10	A		
Salem, Mis	1955	220			17	1	0	36		L	2	A		
Ullin, Mis	2415	1983	10		1	0	0			L	6			
Devonian	2934	1975	60		14	0	0	39		L	12			
Trenton, Ord	4492	1978	80		1	0	0			L	40			
SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION														
Lawrence County Division, Lawrence, Crawford														
	1900	38510	2851.6	403417.1	7680	57	1	3113						
TOTALS FOR LAWRENCE AND ST. FRANCISVILLE POOLS														
*Lawrence W, Lawrence, 3N, 13W														
	1952	1010	4.3	603.0	81	0	0	40					Mis 3059	
Paint Creek, Mis	1978	1962	700		10	0	0			S	13			
Bethel, Mis	2050	1952	#		42	0	0			S	15			
Aux Vases, Mis	2110	1953	70		7	0	0			S	8			
Ohara, Mis	2214	1968	310		1	0	0			L	16			
Spar Mt., Mis	2193	1963	#		7	0	0			L	2			
McClosky, Mis	2225	1953	#		16	0	0	40		L	11			
*Lexington, Wabash, 1S, 14W														
	1947	180	2.3	485.5	18	0	0	5					5033	
Cypress, Mis	2585	1953	10		1	0	0			S	10	A AL		
Benoist, Mis	2733	1972	30		3	0	0			S	4			
Ohara, Mis	2912	1968	140		1	0	0			L	3			
McClosky, Mis	2970	1947	#		13	0	0			L	8	AC		
Devonian	4912	1982	10		1	0	0			L	6			
Lexington N, Wabash, 1S, 14W														
Ste. Gen., Mis	2915	1951	20	0.0	6.4	3	0	0	0	38	L	4	MC Mis 3927	
			ABD 1958, REV 1981, ABD 1982											
*Lillyville, Cumberland, Effingham, 8-9N, 6-7E														
	1946	230	0.9	704.2	18	0	0	11					Dev 4000	
Spar Mt., Mis	2433	1968	230		1	0	0			S	6			
McClosky, Mis	2425	1946	#		16	0	0			L	10	A		
Lillyville N, Cumberland, 9N, 7E														
	1974	80	2.3	614.3	5	0	4	1					Ord 6500	
Spar Mt., Mis	2405	1974	80		3	0	1			S	7			
McClosky, Mis	2440	1974	#		5	0	3			L	20			
Salem, Mis	2840	1974	60		4	0	0			L	5			
Geneva, Dev	3825	1974	30		3	0	0			D	10			
Lis, Jasper, 7N, 9E														
Spar Mt., Mis	3022	1964	10	0.0	0.5	1	0	0	0	37	S	5	Mis 3050	
			ABD 1967											
Litchfield, Montgomery, 8-9N, 5W														
Pennsylvanian	660	1886	160	0.0	24.0	19	0	0	0	23	0.24	S	D Stp 3000	
			ABD 1904, REV 42, ABD X, REV 81, ABD 82											
Litchfield S, Montgomery, 8N, 5W														
Pennsylvanian	610	1967	80	0.0	0.0	7	0	0	5	23	S	3	Dev 1920	
*Livingston, Madison, 6N, 6W														
Pennsylvanian	535	1948	500	22.9	861.1	79	0	0	32	35	S	15	ML Ord 2378	
*Livingston S +, Madison, 5-6N, 6W														
Pennsylvanian	530	1950	690	17.8	750.4	84	1	0	48	35	S	7	ML Ord 2480	

Table 7 continued

Pay zone	Year	Area	Production (1000 bbls)	Number of wells			Character of oil		Pay zone	Deepest test		
				Completed	Re-	Pro-	Sul-	Thick-				
Pool, county location by township and range	of proved depth dis- (ft) covery	in acres	During 1988	To end of 1988	end of 1988	ed 1988	Anab-	end year	GR. fur	Rock ness	Struc-	Depth (ft)
*Locust Grove, Wayne, 1N, 9E												
Aux Vases, Mis	3215 1951	220 110	7.0 359.3	19 8	0 0	0 0	6 36	7 37	S L	10 4		Mis 4190
Ohara, Mis	3240 1951	110		10	0 0	0 0						
McClosky, Mis	3280 1951	#		1	0 0	0 0						
Locust Grove S, Wayne, 1S, 9E												
Aux Vases, Mis	3155 1982	310 60	11.1 190.1	24 6	1 0	0 0	13					Mis 4058
Ohara, Mis	3248 1958	250		5	1 0	0 0	39					
Spar Mt., Mis	3300 1953	#		7	0 0	0 0	37					
McClosky, Mis	3286 1958	#		7	0 0	0 0	39					
ABD 1971, REV 72, ABD 74, REV 78, ABD 79, REV 82												
Logan, Franklin, 7S, 3E												
Cypress, Mis	2636 1985	170 10	0.8 106.6	13 1	5 0	0 0	9					Mis 4100
Aux Vases, Mis	2920 1968	140		10	5 0	0 0						
Spar Mt., Mis	3028 1966	40		2	0 0	0 0						
McClosky, Mis	3082 1966	#		2	0 0	0 0						
St. Louis, Mis	3380 1981	10		1	0 0	0 0						
ABD 1982, REV X												
Logootee, Fayette, 6N, 3E												
Carper	3450 1966	30	0.0	0.0			3 0 0	2 34	L	8	Dev	3683
ABD & REV 1985												
Long Branch, Saline, Hamilton, 7S, 6E												
Pennsylvanian	1664 1987	210 10	20.1 414.1	28 1	2 0	0 0	19					
Biehl, Penn	1755 1986	50		5	1 0	0 0						
Palestine, Mis	2070 1950	20		2	0 0	0 0						
Tar Springs, Mis	2364 1986	20		2	1 0	0 0						
Cypress, Mis	2745 1951	20		3	0 0	0 0	37					
Aux Vases, Mis	3095 1950	90		9	0 0	0 0	37					
Ohara, Mis	3151 1981	10		1	0 0	0 0						
Spar Mt., Mis	3194 1986	20		2	0 0	0 0						
McClosky, Mis	3220 1950	60		4	0 0	0 0	37					
St. Louis, Mis	3374 1986	10		1	0 0	0 0						
ABD 1971, REV 1984, ABD 1986												
Long Branch S, Saline, 8S, 6E												
Cypress, Mis	2660 1955	20	0.0	10.4	2	0 0	0 0	0				Mis 3453
Benoist, Mis	2924 1984	10			1	0 0	0 0					
ABD 1971, REV 1984, ABD 1986												
*Louden +, Fayette, Effingham, 6-9N, 2-4E												
Cypress, Mis	1500 1937	26090 22670	1243.5 10560	383788.7	2761 1883	4 1 2	1508					
Bethel, Mis	1540 1937	10560	7760		564 833	1 0 0	36 38 38	0.25 0.24 0.20	S S S	30 15 10	A AL A	
Benoist, Mis	1550 1937	20			2 0 0	0 0 0						
Renault, Mis	1602 1985	20			118 2	1 0 0	37	0.17	S	6	AL	
Aux Vases, Mis	1600 1960	2460			2 0 0	0 0 0	37		L	4	AC	
McClosky, Mis	1785 1955	30			6 0 0	0 0 0	36		S	9	AL	
Carper	2830 1952	50			154 0	2 0 2	28	0.48	D	15	A	
Devonian	3000 1937	3610			3 0 0	0 0 0			L	12	A	
Trenton, Ord	3905 1955	30										
ABD 1971, REV 1984, ABD 1986												
Louisville, Clay, 4N, 6E												
Renault, Mis	2735 1974	590 20	46.5 40	433.4	45 2	2 0 0	19					Dev 4865
Aux Vases, Mis	2800 1974	40			4 0	0 0 0						
Spar Mt., Mis	2860 1974	580			9 0	0 0 0						
McClosky, Mis	2872 1974	#			32 2	2 0 0						
Salem, Mis	3386 1974	20			2 0	0 0 0						
Ullin, Mis	3530 1974	10			1 0	0 0 0						
ABD 1971, REV 1984, ABD 1986												
*Louisville N, Clay, 4N, 6E												
Aux Vases, Mis	2755 1953	120 40	0.0 80	59.1	9 2	0 0 0	1					
Spar Mt., Mis	2812 1961	80			7 0	0 0 0		37	S L	10 9	M ML	4650
ABD 1956, REV 1962, ABD 1973, REV 1974												
Louisville S, Clay, 3N, 6E												
Aux Vases, Mis	2823 1960	20 10	0.0 10	1.5	2 1	0 0 0	0					
Ohara, Mis	2893 1960	10			1 0	0 0 0		38	S L	6 2	Sil	4930
ABD 1967, REV 1976, ABD 1979												

Table 7 continued

Pay zone by township and range	Name and age	Year of proved depth (ft)	Area covered in acres	Production (1000 bbls) During 1988	Number of wells			Character of oil			Pay zone	Deepest test
					To end of 1988	Com- pleted 1988	Re- port- ed 1988	An- Aban- doned 1988	end of year	Pro- duc- ing API (%)		
Lynchburg, Jefferson, 3S, 4E												
	McClosky, Mis	3045 1951	60	0.6	348.8	3	0	0	1	38	L	8 AC Mis 4004
*McKinley, Washington, 3S, 4W												
	Benoist, Mis	1940 1050 1940	260 180 200	2.2	785.8	31	0	0	6		S 5 L 40	A D R Ord 3983
Silurian												
						17	0	0	41	0.18		
						13	0	0	40			
Macedonia, Franklin, 5S, 4E												
	St. Louis, Mis	1961 3523 1985	60 20	1.2	20.8	4	0	0	2		L 4	Dev 5249
	Salem, Mis	4124 1978	20			1	0	0			L 10	
	Ullin, Mis	4097 1961	20			1	0	0			L 12	
					ABD 1965, REV 1978	2	0	0	37			
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	1906 510	65890 66440	2144.0	247377.1	13481	177	18	4873	32	S x	ML 5317
	Pennsylvanian	750	#			76	0	0			S 25	ML
	Pennsylvanian	1250	#			5	0	0			S 25	ML
	Robinson, Penn	950	#			76	5	1			S 25	ML
	Beech Creek, Mis	1201 1968	10			11877	160	12			OL 10	
	Cypress, Mis	1480 1954	1030			1	0	0			S 15	ML
	Paint Creek, Mis	1280	5150			75	18	3			S 30	ML
	Bethel, Mis	1400	#			x	0	0			S 18	ML
	Renault, Mis	1564 1979	430			206	7	1			S 10	
	Aux Vases, Mis	1430	4100			33	6	0			S 15	ML
	Spar Mt., Mis	1515	950			222	1	1			S 6	MC
	McClosky, Mis	1400	#			9	0	0			L x	MC
	Salem, Mis	1815 1947	320			165	7	1			L 5	MC
	Devonian	2795 1941	570			18	0	0			L 11	MC
	Trenton, Ord	3900 1976	460			22	0	0			L 75	
						26	0	0				
*Maple Grove C, Edwards, Wayne, 1-2N, 9-10E												
	Aux Vases, Mis	1943 3145 1943	3680 1220	46.9	5847.3	233	2	2	110		A 15	Dev 5220
	Ohara, Mis	3230 1945	2620			86	1	0	38		L 3	AC
	Spar Mt., Mis	3250	#			27	0	1	27		L 1	AC
	McClosky, Mis	3260 1943	#			24	1	0			L 6	A
	St. Louis, Mis	3500 1977	10			106	0	1	41		L 6	
	Salem, Mis	3660 1967	130			1	0	0			L 4	
	Ullin, Mis	4057 1976	30			10	0	0	39		L 7	
						3	0	0				
Maple Grove S C, Edwards, 1N, 10E												
	Ohara, Mis	1945 3260	1280 1230	31.9	1205.7	79	0	0	66			Mis 4200
	Spar Mt., Mis	3275	#			33	0	0	40		L 6	
	McClosky, Mis	3275	#			22	0	0			L 6	
	Salem, Mis	3850 1976	40			33	0	0	38		L 85	
	Ullin, Mis	4170 1977	10			3	0	0			L 28	
						1	0	0				
Marcoe, Jefferson, 3S, 2E												
	Spar Mt., Mis	1938 2700 1976	70 70	6.9	123.6	6	0	0	6			Mis 3520
	McClosky, Mis	2745 1938	#			1	0	0			S 18	
						6	0	0	25	0.54	L 15	MC
*Marine, Madison, 4N, 6W												
	Devonian	1700 1943	2470	41.0	12590.6	148	0	0	110	35	0.28	L 20 R Ord 2619
Marine W, Madison, 5N, 7W												
	Devonian	1653 1965	100	0.0	25.2	6	0	0	0	35	L 3	Ord 2355
Marion, Williamson, 9S, 3E												
	Aux Vases, Mis	1950 2385 1950	20 10	0.0	0.8	2	0	1	0	40	S 5	Mis 2634
	Ohara, Mis	2470 1975	10			1	0	1			L 8	
					ABD 1951, REV 1975, ABD 1988	1	0	0				

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covey	Area in acres	Production (1000 bbls) During 1988	Number of wells				Character of oil			Pay zone	Deepest test	
					To end of 1988	Com- pleted to end 1988	Re- port ed 1988	Aban- doned of 1988	Pro- ducing year	Sul- fur API (%)	Rock type	Thick- ness (ft)		
Marion E, Williamson, 9S, 3E														
	Bethel, Mis	2295 1959	10	0.2	3.8		2	0	0	0	37	S	8	Mis 2642
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
*Markham City, Jefferson, 2-3S, 4E														
	Ste. Gen., Mis	3070 1942	340	5.5	1716.6		20	0	0	5	38	0.08	L	10 A Mis 4050
*Markham City N, Jefferson, Wayne, 2S, 4-5E														
	Aux Vases, Mis	1943 2950 1944	330 120	7.0	1552.0		26	0	0	7	38		A S 6	Mis 4085
	McClosky, Mis	3075 1943	330				19	0	0	37	0.24		L 8	AC
*Markham City W, Jefferson, 2-3S, 4E														
	Aux Vases, Mis	1945 2905 1945	900 360	35.0	2951.9		75	1	0	35	39		S 15	A Dev 4950
	McClosky, Mis	3035 1946	390				25	0	0	37			L 7	AC
	Salem, Mis	3774 1969	640				31	0	0				L 4	
*Martinsville, Clark, 9-10N, 13-14W														
	Pennsylvanian	1907 255	2780 2450	x	x		446	6	0	204			S x	D Stp 3411
	Casey, Penn	500	#				11	0	0				S x	D
	Martinsville, Mis	480	730				123	1	0				L x	D
	Carper, Mis	1340	1060				53	5	0				S 40	D
	Devonian	1550	710				93	0	0				L x	D
	Trenton, Ord	2700	520				46	0	0				L x	D
	SEE CLARK COUNTY DIV. FOR PRODUCTION													
*Mason N, Effingham, 6N, 5E														
	Benoist, Mis	1951 2290 1951	270 180	1.3	427.2		18	0	0	11	38		S 13	Sil 4200
	Aux Vases, Mis	2355 1951	10				11	0	0	36			S 5	AL
	Spar Mt., Mis	2390 1951	120				1	0	0	37			L 18	AC
	McClosky, Mis	2475	#				4	0	0				L 5	AC
	Salem, Mis	2881 1982	10				4	0	0				L 4	
							1	0	0					
Massillon, Wayne, Edwards, 1S, 9-10E														
	Ohara, Mis	1946 3255 1946	110 100	20.9	112.3		8	4	0	4	37		L 6	Mis 4125
	Salem, Mis	3714 1982	30				7	4	0	37			L 18	MC
	ABD 1953, REV&ABD 1982, REV 1988													
Massillon S, Edwards, 1S, 10E														
	Ohara, Mis	3315 1947	30	0.0	0.3		1	0	0	1	37		L 9	MC Mis 3451
*Mattoon, Coles, 11-12N, 7-8E														
	Cypress, Mis	1939 1750 1939	6570 3540	144.2	21722.9		665	3	1	291			A 13	Shk 4915
	Aux Vases, Mis	1900	590				279	0	0	39	0.16		S 15	AL
	Spar Mt., Mis	1950 1944	5000				30	0	0	32			S 12	A
	McClosky, Mis	2010	#				427	1	1	38	0.21		L 5	AC
	Salem, Mis	2236 1977	60				9	0	0	37			L 6	
	Sonora, Mis	2400 1984	560				4	0	0				S 6	
	Carper, Mis	2950 1955	570				45	2	0				S 10	A
	Devonian	3162 1970	50				35	0	0				L 9	
							5	0	0					
*Mattoon N, Coles, 13N, 7E														
	Spar Mt., Mis	1902 1960	160	0.6	382.9		12	0	0	3	40		S 12	A Mis 1978
Mattoon S, Cumberland, 11N, 7E														
	Carper	1962 3035 1962	60 50	0.0	18.0		5	0	0	2	38		S 10	Mis 3337
	Devonian	3252 1982	10				4	0	0	37			L 26	
	ABD 1966, REV 1982													
Maunie E, White, 6S, 11E														
	Tar Springs, Mis	1951 2280 1962	100 10	0.4	68.0		8	0	0	3	40		AF 8	Mis 3088
	Aux Vases, Mis	2870 1951	90				2	0	0	35			S 20	AF
	ABD 1952, REV 1955													

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) cov ery	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test	
					To end of 1988	Re- corded 1988	Com- pleted 1988	Pro- duced 1988	Sul- fur year	Thick- ness API (%)	Rock type			
*Maunie N C, White, 5-6S, 10-11E, 14W														
Pennsylvanian	1941	2300	27.8	5307.5	200	0	0	61				A	Dev	6119
Pennsylvanian	1320	10			1	0	0	34	S	20	AL			
Degonia, Mis	2022	1985	10		1	0	0		S	4				
Waltersburg, Mis	2305	1952	130		10	0	0	37	S	12	AL			
Tar Springs, Mis	2350		180		11	0	0	35	S	10	AL			
Hardinsburg, Mis	2565		10		1	0	0	36	S	10	A			
Cypress, Mis	2695	1984	40		2	0	0		S	5				
Sample, Mis	2830		510		2	0	0	35	S	13	AL			
Bethel, Mis	2820	1941	#		33	0	0	35	S	13	AL			
Renault, Mis	2935		10		1	0	0	36	L	2	AC			
Aux Vases, Mis	2930	1943	1030		107	0	0	35	S	13	AL			
Oharra, Mis	2995	1944	900		9	0	0	37	L	4	AC			
Spar Mt., Mis	3025	1947	#		26	0	0	36	L	6	AC			
McClosky, Mis	3035	1945	#		25	0	0	33	L	10	AC			
Salem, Mis	3874	1980	40		1	0	0		L	x				
Ullin, Mis	3950	1980	60		3	0	0		L	x				
*Maunie South C, White, 6S, 10-11E														
Pennsylvanian	1941	1770	26.1	7748.1	180	0	0	57				A	Dev	4908
Bridgeport, Penn	1400	180			11	0	0	24	S	7	AL			
Biehl, Penn	1649	1959	#		3	0	0	31	S	x	AL			
Degonia, Mis	1900	1942	130		14	0	0	35	S	10	AL			
Palestine, Mis	2010	1941	640		54	0	0	35	S	17	AL			
Waltersburg, Mis	2210		20		2	0	0	37	S	19	AL			
Tar Springs, Mis	2270	1942	830		53	0	0	35	S	16	AF			
Cypress, Mis	2590		400		31	0	0	36	S	10	AL			
Bethel, Mis	2735		10		1	0	0	37	S	x	AL			
Aux Vases, Mis	2845	1941	210		15	0	0	37	S	12	AL			
Spar Mt., Mis	2900		50		1	0	0		L	8	AC			
McClosky, Mis	2920	#			5	0	0	35	L	6	AC			
St. Louis, Mis	3293	1975	10		1	0	0		L	9				
Salem, Mis	3874	1973	10		1	0	0		L	x				
Ullin, Mis	3964	1975	10		1	0	0		L	6				
Mayberry, Wayne, 2-3S, 6E														
Pennsylvanian	1941	710	29.8	880.1	55	0	1	42				Ord	6904	
McClosky, Mis	3350	1941	220		16	0	0	39	0.16	L	8	AC		
Salem, Mis	3840	1977	240		15	0	0		L	8				
Ullin, Mis	4300	1977	110		9	0	1		L	25				
Dutch Creek, Dev	5300	1984	210		16	0	0		S	22				
Mayberry N, Wayne, 2S, 6E														
Pennsylvanian	1948	60	0.0	1.4	4	0	0	3				Dev	5390	
McClosky, Mis	3330	1948	40		2	0	0	39		L	2			
Salem, Mis	4137	1982	20		1	0	0		L	x				
Ullin, Mis	4190	1981	10		1	0	0		L	4				
ABD 1950, REV 1981														
Mayberry S, Hamilton, Wayne, 3S, 6E														
Pennsylvanian	1981	90	0.0	48.5	5	0	0	5				Mis	4350	
Salem, Mis	4180	1981	80		4	0	0		L	6				
Ullin, Mis	4350	1981	10		1	0	0		L	5				
Mechanicsburg, Sangamon, 16N, 3W														
Silurian	1734	1972	150	7.7	271.5	11	0	0	8			Sil	1826	
*Melrose, Clark, 9N, 13W														
Isabel, Penn	840	1953	180	2.2	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
*Miletus, Marion, 4N, 4E														
Benoist, Mis	1947	530	0.3	381.1	38	1	0	26				A	Dev	4000
Aux Vases, Mis	2140	1947	130		8	0	0	35				A		
McClosky, Mis	2200	1947	170		11	0	0	36				A		
Carper	2350	1947	320		20	1	0	36				A		
Hardin, Dev	3650	1981	10		1	0	0		S	30				
	3820	1984	10		1	0	0		S	5				
Millersburg, Bond, 4N, 4W														
Devonian	2130	1967	20	0.6	16.9	3	0	0	1	38	S	2	Dev	2185
ABD 1971, REV 1983														

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covery	Area in acres	Production (1000 bbls)	Number of wells			Character of oil		Pay zone	Deepest test			
					To end During 1988	Com- pleted 1988	Re- port- ed 1988	An- Aban- doned 1988	Sul- fur GR. fur API (%)	Rock type	Thick- ness (ft)	Struc- ture	Zone	Depth (ft)
*Mill Shoals, White, Hamilton, Wayne, 2-4S, 7-8E		1939	4330	169.9	13832.0	365	5	3	174		A	Dev	5606	
Cypress, Mis	2910 1983	20			2	0	0			S	10			
Aux Vases, Mis	3245	2950			219	1	2		36 0.14	S	11	A		
Ohara, Mis	3320	1710			13	1	0			OL	11	AC		
Spar Mt., Mis	3345	#			30	2	0			LS	8	AC		
McClosky, Mis	3375 1939	#			79	4	1		36	OL	5	AC		
St. Louis, Mis	3546 1960	20			2	0	0		39	L	10	AC		
Salem, Mis	3970 1961	760			50	0	0		38	L	4	A		
Ullin, Mis	4110 1959	90			7	0	0		38	L	10	A		
Dutch Creek, Dev	5380 1980	20			2	0	0			S	25			
Mills Prairie, Edwards, 1N, 14W														
Ohara, Mis	2925 1948	20	0.0	1.9	2	0	0	0	37	L	5	MC	3010	
ABD 1952, REV 1985, ABD 1986														
Mills Prairie N, Edwards, 1N, 14W														
Ohara, Mis	2925 1953	70	1.4	16.3	6	1	0	4	37	L	5	MC	3815	
ABD 1956, REV 1984														
Mitchellsville, Saline, 10S, 6E														
Deagonia, Mis	1330 1955	30	0.2	28.6	3	0	0	1						
Waltersburg, Mis	1505 1955	10			1	0	0	35		S	6			
Cypress, Mis	2107 1973	10			1	0	0	38		S	9			
											S	20		
*Mode, Shelby, 10N, 4E														
Bethel, Mis	1682 1961	360	2.6	409.9	20	0	0	15		S	12			
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	2.9	171.2	6	0	0	3		L	7		4106	
*Montrose N, Cumberland, 9N, 7E														
McClosky, Mis	2500 1969	20	0.0	20.8	2	0	0	2		OL	10		3980	
*Mt. Auburn C, Christian, 15N, 1-2W														
Silurian	1920 1943	7910	83.1	7387.0	482	6	1	152	37 0.28	L	15	MU	Trn	2577
*Mt. Carmel ++, Wabash, 1N, 1S, 12W														
Bridgeport, Penn	1370 1946	5070	173.2	19838.6	592	7	1	184		A	Dev	4237		
Biehl, Penn	1470	1240			7	0	0	34		S	20	AL		
Jordan, Penn	1520	#			74	0	0	36 0.28		S	20	AL		
Palestine, Mis	1580	60			6	0	0			S	15	AL		
Waltersburg, Mis	1690	30			5	0	0	35		S	10	AL		
Tar Springs, Mis	1790 1939	460			3	0	0	36		S	10	AL		
Jackson, Mis	2020 1945	10			38	0	0	36		S	13	AL		
Cypress, Mis	2025 1940	3840			1	0	0	37		S	25	AL		
Sample, Mis	2095	180			348	0	1	38 0.17		S	15	AL		
Bethel, Mis	2110	#			4	0	0	37		S	7	AL		
Aux Vases, Mis	2520 1981	80			13	0	0	35		S	16	AL		
		26			5	0	0			S	5	AC		
Ohara, Mis	2320	1450			26	0	0	35		OL	5	AC		
Spar Mt., Mis	2350	#			17	0	0	39 0.26		S	5	AL		
McClosky, Mis	2360	#			68	0	0	37 0.42		OL	6	AC		
St Louis, Mis	2550 1988	30			3	3	0			L	5			
Salem, Mis	2696 1966	260			17	6	0			L	14			
Ullin, Mis	3097 1978	40			3	1	0			L	10			
		1	0		1	0	0			L	61			
Fort Payne, Mis	3561	20												
Mt. Erie N, Wayne, 1N, 9E														
Aux Vases, Mis	3110 1944	340	2.2	516.4	27	1	1	9		M	ML	4101		
Ohara, Mis	3170 1949	150			9	1	1	40		S	8	ML		
McClosky, Mis	3240 1944	200			3	0	0			L	6	MC		
		#			13	0	0	37		L	5	MC		
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

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covered in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test		
					To end of 1988	Com- pleted during 1988	Re- port- ed end of 1988	Aban- doned 1988	Pro- duced GR. fur year	Sul- fur API (%)	Rock ness	Thick- ness type (ft)			
Mt. Vernon, Jefferson, 3S, 3E		1943	250	3.9	428.4	19	0	0	6	36	S	A	Miss	3262	
	Aux Vases, Mis	2665 1943	70			5	0	0			8	A			
	Chara, Mis	2750 1943	180			2	0	0			6	AC			
	McClosky, Mis	2800 1943	#			14	0	0	39	0.18	L	7	AC		
Mt. Vernon N, Jefferson, 2S, 3E		1956	30	1.0	73.4	3	0	0	3	38	L	6	Miss	3133	
	McClosky, Mis	2675 1956	20			2	0	0			L	8			
	St. Louis, Mis	3010 1981	10			1	0	0							
Murdock, Douglas, 16N, 10E	Pennsylvanian	370 1955	10	0.0	0.0	3	0	0	0	36	S	16	Miss	460	
			ABD 1957, REV 1961, ABD 1968												
Nashville, Washington, 2S, 3W		1973	640	86.2	1676.8	54	3	0	43		D	20	Ord	3776	
	Devonian	2625 1973	160			13	0	0			L	40	R		
	Silurian	2650 1973	520			43	3	0	41						
Nashville N, Washington, 1-2S, 3W	Devonian	2750 1979	950	53.9	1050.1	56	0	0	55		L	x	Sil	2893	
Nason, Jefferson, 3-4S, 2E		1943	70	4.7	145.2	6	0	0	4		ML	Dev	4694		
	Chara, Mis	2758 1962	50			1	0	0	37		4				
	Spar Mt., Mis	2790 1943	#			2	0	0	37		12	ML			
	McClosky, Mis	2810 1983	#			1	0	0			L	4			
	Salem, Mis	3450 1984	20			2	0	0			L	4			
Neoga, Cumberland, 10N, 7E	Carper	3510 1983	10	0.0	0.0	1	0	1	0		S	15	Sil	4007	
		ABD 1988													
New Baden E, Clinton, 1N, 5W	Silurian	1935 1958	290	1.0	309.9	23	0	0	11	39	L	15	R	Sil	2200
New Bellair, Crawford, 8N, 13W		1942	140	0.0	10.7	10	0	0	2		M	Dev	2842		
	Isabel, Penn	650 1952	20			2	0	0	32		3	ML			
	Cypress, Mis	1165 1942	70			5	0	0	29	0.30	S	10	ML		
	Aux Vases, Mis	1280 1956	60			3	0	0			S	20	M		
					ABD 1948, REV 1952, ABD 1954, REV 1956										
New City, Sangamon, 14N, 4W	Silurian	1730 1954	440	0.5	233.7	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	Sil	1918	
			ABD 1974												
New Douglas S, Bond, 6N, 5W	Pennsylvanian	640 1957	30	0.5	3.9	3	0	0	1	32	S	7	Pen	705	
			ABD 1960, REV 1987												
*New Harmony C ++, White, Wabash, Edwards, 1N, 1-5S, 13-14W		1939	29020	1006.1	173230.0	2993	4	18	1221		A	Shk	7682		
	Jamestown, Penn	720	1960			5	0	0	32		13	AL			
	Bridgeport, Penn	1340	#			11	0	0			7	AL			
	Biehl, Penn	1850	#			141	0	1	33		20	AL			
	Degonia, Mis	1925	150			12	0	0	34		10	AL			
	Clore, Mis	1980	100			11	0	0	36		10	AL			
	Palestine, Mis	2000	270			23	0	0	25		10	AL			
	Waltersburg, Mis	2155	1480			143	0	0	36	0.40	S	20	AL		
	Tar Springs, Mis	2215	2680			228	0	2	35	0.19	S	26	ALF		
	Hardinsburg, Mis	2290 1958	40			3	0	0	35		L	10	ALF		
	Cypress, Mis	2570	11320			1104	0	4	35		S	20	ALF		
	Sample, Mis	2660	11980			62	0	0	36		S	20	ALF		
	Bethel, Mis	2700	#			959	0	5	37	0.24	S	27	ALF		
	Renault, Mis	2761	180			14	0	0	34			8			
	Aux Vases, Mis	2800	8860			657	1	0	37	0.19	S	15			

(Continued on next page)

Table 7 continued

Pay zone Pool, county location by township and range	Name and age	Year of proved Depth dis- (ft) covey	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test
					To end of 1988	Com- pleted During 1988	Re- end of 1988	Pro- duced 1988	Sul- fur year	Rock ness API (%)	Thick- ness type		
*New Harmony C ++, White, Wabash, Edwards, 1N, 1-5S, 13-14W													
Obara, Mis	2900	6650			90	1	2		39	OL	6	AC	
Spar Mt., Mis	2910	#			58	1	1		38	LS	10	AC	
McClosky, Mis	2925	#			350	1	3		37	0.33	OL	8	AC
St. Louis, Mis	3153 1953	1340			83	1	0		36	L	x		
Salem, Mis	3364 1959	1060			74	1	0		37	L	16	AC	
Ullin, Mis	3755	580			44	1	0		36	L	6	AC	
Fort Payne, Mis	4500 1978	710			28	0	0			L			
(Continued from previous page)													
New Harmony S (III), White, 5S, 14W													
Waltersburg, Mis	1941 2250	90 30	0.0	113.3	8	0	0	1	35	S	18	AF	
Tar Springs, Mis	1941 2350	10			1	0	0		36	S	16	AF	
Cypress, Mis	1951 2670	10			1	0	0		35	S	8	AF	
Bethel, Mis	1959 2815	20			2	0	0		36	S	10	AF	
Aux Vases, Mis	1949 3005	10			1	0	0		37	S	7	AF	
McClosky, Mis	1949 3010	20			1	0	0		37	L	5	AF	
*New Harmony S (Ind) ++, White, 5S, 14W													
Degonia, Mis	1946 1850	50 20	0.0	446.4	6	0	0	1	35	S	8	TF	
Palestine, Mis	1955 1955	50			2	0	0		24	S	10	TF	
Waltersburg, Mis	1949 2120	50			3	0	0		37	S	30	TF	
*New Haven C ++, White, 7S, 10-11E													
Deagonia, Mis	1941 1789	780 1975	25.4	3068.3	70	0	0	39		S	6	AC	
Tar Springs, Mis	1941 2105	330			1	0	0		38	0.27	S	12	AF
Hardinsburg, Mis	1941 2245	10			25	0	0		36	S	8	AF	
Cypress, Mis	1949 2445	480			1	0	0		39	S	12	AF	
Aux Vases, Mis	1949 2720	130			26	0	0			S	15	AF	
Ohara, Mis	1959 2799	170			11	0	0		37	S	12	A	
Spar Mt., Mis	1960 2828	#			2	0	0			L	15	A	
McClosky, Mis	1960 2820	#			3	0	0			L	6	AC	
New Hebron E +, Crawford, 6N, 12W													
Aux Vases, Mis	1955 1954	50	0.0	0.3	4	0	0	0	35	S	4	Mis	1571
		ABD 1965											
*New Memphis, Clinton, 1N, 1S, 5W													
Devonian	1952 2050	1380 460	51.0	3249.7	87	3	0	82		L	15	R	4704
Silurian	1952 1980	950			32	2	0	40		L		R	
					55	1	0	41					
New Memphis S, Clinton, Washington, 1S, 5W													
Silurian	2000 1952	20	0.0	0.7	2	0	0	0	41	L	25	Ord	2914
		ABD 1952, REV 1956, ABD 1961											
*Newton, Jasper, 6N, 9E													
Ste. Gen., Mis	1944 2950	50	0.5	120.1	6	0	0	1	37	L	6	MC	3040
		ABD 1962, REV 1969											
Newton N, Jasper, 7N, 10E													
McClosky, Mis	1945 2855	100	0.0	10.3	7	0	0	1	37	L	5	MC	2968
		ABD 1948, REV 1960, ABD 1966, REV 1976											
Newton W, Jasper, 6-7N, 9E													
Spar Mt., Mis	1947 2912	790 790	0.0	362.3	50	0	0	19		L	5	Dev	4570
McClosky, Mis	1947 3000	#			17	0	0			L	7	MC	
		ABD 1947, REV 1952, ABD 1953, REV 1961											
Noble W, Clay, 3N, 8E													
Benoist, Mis	1951 2880	80 10	0.9	32.3	7	0	0	3		S	8		
Aux Vases, Mis	1955 1981	10			1	0	0			S	5		
McClosky, Mis	1951 3035	50			1	0	0			L	8		
St. Louis, Mis	1982 3395	10			4	0	0			L	5		
Salem, Mis	1979 3646	40			1	0	0			L	13		
Ullin, Mis	1979 3695	10			4	0	0			L	5		
		ABD 1959, REV 1979											
Norris City W, White, 6S, 8E													
Ullin, Mis	1978 4204	10	0.1	3.3	1	0	0	1		L	14	Mis	4460

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covery	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test Depth (ft)	
					To end of 1988	Com- pleted 1988	Re- duced 1988	Pro- duced 1988	Sul- fur year	GR. Rock ness	Thick- ness type			
*Oakdale, Jefferson, 2S, 4E														
	Aux Vases, Mis	1956 2860 1956	490 410	1.9 917.5	37	0	0	6					S	Mis 3850
	McClosky, Mis	1956 2985 1956	110		28	0	0	38					L	5
					10	0	0	37						
*Oakdale N, Jefferson, 2S, 4E														
	McClosky, Mis	1960 2932 1960	190 170	2.8 743.3	18	0	0	10					OL	Mis 3725
	St. Louis, Mis	1982 2990	60		13	0	0	37					L	5
	Salem, Mis	1983 3400	10		4	0	0						L	15
					1	0	0						L	6
Oak Grove (Ind), Gallatin, 8S, 11E														
	Cypress, Mis	1984 2410		10 0.0	5.0	1	0	0	1				S	6
Oakley, Macon, 16N, 3E														
	Cedar Valley, Dev	1954 2285	200	1.1 ABD 1965, REV 74, ABD 80, REV 82	28.6	13	1	0	3	37			L	5
*Oak Point, Clark, Jasper, 8-9N, 14W														
	Isabel, Penn	1952 560 1955	790 10	0.0 583.5	64	0	0	29					S	M 2691
	Aux Vases, Mis	1955 1185 1955	690		1	0	0						S	ML 10
	Carper, Mis	1952 2220	90		56	0	0	37					S	17
					7	0	0						x	ML
Oak Point W, Clark, Cumberland, 9N, 11E, 14W														
	Aux Vases, Mis	1955 1190 1955	130 120	0.0 19.7	13	0	0	8					S	Mis 1560
	Spar Mt., Mis	1980 1263	20		11	0	0	35					S	8
	McClosky, Mis	1981 1270	#		1	0	0						S	6
					1	0	0						L	4
Oconee, Shelby, 10N, 1E														
	Lingle, Dev	1975 2850	70	0.0	26.7	4	0	1	2				S	6 Dev 3139
*Odin, Marion, 2N, 1-2E														
	Cypress, Mis	1945 1750 1945	350 340	1.9 1909.1	34	0	0	22					S	A Dev 3597
	Benoist, Mis	1963 1912	10		30	0	0	37					S	AL 13
	McClosky, Mis	1957 2085	30		1	0	0	37					L	3
					4	0	0	37					L	12 A
Okawville, Washington, 1S, 4W														
	Silurian	1951 2325	50	0.0 ABD 1969	63.3	4	0	0	0	40			L	3 R Sil 2603
Okawville North C, Washington, 1S, 4W														
	Devonian	1955 2200	220	2.4 211.7		17	0	0	11	40			L	0 Ord 3070
*Old Ripley, Bond, 5N, 4W														
	Pennsylvanian	1954 600 1954	950 900	40.0 788.1	94	0	0	56					S	Ord 3085
	Benoist, Mis	1982 875	40		90	0	0	34					S	17 A
	Aux Vases, Mis	1964 941	10		3	0	0						S	5
					1	0	0	36					S	19
Old Ripley N, Bond, 5N, 4W														
	Hardin, Dev	1962 1991	20	0.0 ABD 1966	3.0	1	0	0	0	35			S	1 Dev 2040
Old Ripley W, Bond, 5N, 4W														
	Lingle, Dev	1984 2014	20	0.0 ABD 1987	0.7	2	0	0	0				L	6 Dev 2084
*Olney C, Richland, Jasper, 4-5N, 10														
	Aux Vases, Mis	1938 2918 1960	4070 90	18.1 4000	8668.1	245	0	0	40				S	Mis 4030
	Ohara, Mis	1943 3005	4000			6	0	0	37				x	A
	Spar Mt., Mis	1946 3050	#			15	0	0	37	0.19			L	6 A
	McClosky, Mis	1938 3100	#			81	0	0	37	0.19			L	5 A
						151	0	0	37	0.19			L	6 A

Table 7 continued

Pool, county location by township and range	Pay zone	Year	Area Depth dis- (ft) covery	Production (1000 bbls)	Number of wells			Character of oil	Pay zone	Deepest test		
					Com- pleted	Re- turned	To end of 1988	Aban- doned	Sul- fur	Rock ness	Thick- ness	Struc- ture
Name and age	Area in acres	During of 1988	To end of 1988	Completed 1988	Re- turned 1988	Aban- doned 1988	Sul- fur year	GR. API (%)	Rock ness	Thick- ness	Struc- ture	Depth (ft)
*Olney S, Richland, 3N, 10E												
Ohara, Mis	1937	1280	5.8	1752.3	76	1	0	23		M	Dev	4910
Spar Mt., Mis	3142 1962	1210			1	0	0		L	4		
McClosky, Mis	3100	#			40	1	0	36	L	4	MC	
Salem, Mis	3115	#			45	0	0	37	L	3	MC	
	3800 1981	70			5	0	0		L	6		
*Omaha +, Gallatin, 7-8S, 8E												
Jake Creek, Penn	1940	1840	38.8	6833.2	170	1	0	85		A	Dev	5320
Pennsylvanian	385	420			19	1	0	26	S	20	D	
	580	#			5	0	0	19	S	10	D	
Biehl, Penn	1335 1948	#			7	0	0	22	S	10	D	
Palestine, Mis	1700 1940	410			27	0	0	26 0.24	S	15	D	
Tar Springs, Mis	1900	170			9	0	0	27	S	15	D	
Hardinsburg, Mis	2179 1961	80			6	0	0	29	S	18	D	
Cypress, Mis	2402 1959	150			13	0	0	35	S	12	D	
Paint Creek, Mis	2450 1961	40			1	0	0	37	S	10	D	
Bethel, Mis	2570 1955	#			3	0	0		S	14	D	
Aux Vases, Mis	2730 1955	920			69	0	0	40	S	20	D	
Ohara, Mis	2734 1958	360			18	0	0	39	L	14	D	
Spar Mt., Mis	2722 1958	#			5	0	0		S	8	D	
McClosky, Mis	2800 1961	#			7	0	0		L	x	D	
Omaha E, Gallatin, 8S, 8E												
	1946	160	0.0	61.5	13	0	0	3		M	Mis	3931
Cypress, Mis	2530 1957	30			3	0	0	41	S	6	M	
Aux Vases, Mis	2790 1955	10			1	0	0	38	S	x	M	
Ohara, Mis	2855 1946	100			3	0	0	37	L	8	MCF	
Spar Mt., Mis	2942 1960	#			1	0	0		L	9	MCF	
McClosky, Mis	2884 1958	#			3	0	0	38	L	10	MCF	
St. Louis, Mis	3180 1984	20			1	0	0		L	4		
Salem, Mis	3720 1984	20			1	0	0		L	10		
*Omaha S, Gallatin, Saline, 8S, 7-8E												
	1951	270	7.2	142.6	19	0	0	15		A	Mis	3596
Pennsylvanian	550 1984	10			1	0	0		S	6		
Tar Springs, Mis	2164 1984	10			1	0	0		S	9		
Cypress, Mis	2535 1953	90			5	0	0	36	S	15	AL	
Aux Vases, Mis	2870 1955	160			12	0	0	38	S	11	A	
Ohara, Mis	2904 1986	30			3	0	0		L	4		
Spar Mt., Mis	2865 1951	10			1	0	0	37	L	1	AC	
	ABD 1965, REV 1969											
*Omaha W, Saline, Gallatin, 7-8S, 7-8E												
	1950	200	8.9	556.4	17	0	0	15		A	Mis	3302
Cypress, Mis	2600 1950	110			9	0	0	38	S	14	AL	
Sample, Mis	2600 1967	120			8	0	0	38	S	12		
Aux Vases, Mis	2800 1950	30			3	0	0	37	S	30	AL	
Ohara, Mis	2890 1983	30			1	0	0		L	2		
McClosky, Mis	2910	#			3	0	0	38	L	8	AC	
Omega, Marion, 3N, 4E												
	1946	480	32.1	388.3	35	1	0	25			Mis	3500
Benoist, Mis	2280 1963	70			6	0	0	38	S	3		
Renault, Mis	2360 1982	70			5	0	0		S	6		
Aux Vases, Mis	2362 1982	50			4	0	0		S	8		
Spar Mt., Mis	2470 1982	240			3	0	0		S	6		
McClosky, Mis	2490 1946	#			14	1	0	38	L	10	D	
St. Louis, Mis	2744 1983	10			1	0	0		L	8		
Salem, Mis	2742 1979	70			4	0	0		L	4		
	ABD 1949, REV 1963, ABD 1968, REV 1977											
Omega NW, Marion, 6, 3N, 4E												
McClosky, Mis	2402 1985	10	0.0	0.2	1	0	0	1		L	6	Mis 2410
Opdyke, Jefferson, 3S, 4E												
	1961	150	1.8	33.8	11	0	0	7			Mis	4000
Ohara, Mis	3016 1962	150			1	0	0		L	8		
McClosky, Mis	3074 1961	#			11	0	0	37	OL	20		
	ABD 1967, REV 1979											
*Orchardville C, Wayne, 1N, 5E												
	1950	640	15.8	1014.6	51	0	0	29		A	Mis	4030
Sample, Mis	2655 1958	10			1	0	0	36	S	x	A	
Aux Vases, Mis	2800 1951	420			32	0	0	36	S	16	AL	
Ohara, Mis	2880	130			5	0	0	37	L	3	AC	
McClosky, Mis	2905 1950	#			7	0	0		L	5	AC	
Salem, Mis	3320 1980	140			11	0	0		L	8		

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covry	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test Depth Zone (ft)
					To end of 1988	During 1988	Com- pleted to end of 1988	Re- duced to port 1988	An- Aban- doned 1988	Sul- fur year 1988	GR. API (%)	Rock ness	Struc- ture
Orchardville N, Wayne, 1N, 5E													
		1956	30	0.0	28.2		3	0	0	2			
	Paint Creek, Mis	2655 1956	10				1	0	0			S	6
	Aux Vases, Mis	2780 1971	20				2	0	0			S	4
	McClosky, Mis	2925 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
Orient N, Franklin, 7S, 2E													
	Aux Vases, Mis	2680 1967	10	0.0	0.3		1	0	0	0	38	S	4
					ABD 1972								
*Oskaloosa, Clay, 3-4N, 5E													
		1950	610	3.1	2748.3		51	0	0	7			
	Benoist, Mis	2595 1950	450				40	0	0	37		S	15
	Aux Vases, Mis	2643 1958	170				12	0	0	37		S	x
	McClosky, Mis	2755 1957	310				16	0	0	36		L	5
	Devonian	4400 1981	30				3	0	0			L	30
	Silurian	4458 1982	40				1	0	0			L	14
*Oskaloosa E, Clay, 3N, 5-6E													
		1947	30	0.0	35.2		2	0	0	0			
	Aux Vases, Mis	2820 1947	20				1	0	0	37		S	5
	McClosky, Mis	2895 1951	10				1	0	0	33		L	4
					ABD 1954								
Oskaloosa S, Clay, 3N, 5E													
		1951	570	12.1	448.2		37	0	0	25			
	Ste. Gen., Mis	2770 1951	130				11	0	0	35		L	4
	Carper	4100 1984	30				2	0	0			S	10
	Devonian	4356 1980	410				24	0	0			L	16
*Pana, Christian, 11-12N, 1E													
	Benoist, Mis	1470 1951	270	17.4	390.9		19	0	0	14	37	S	8
Pana Cen, Christian, 11N, 1E													
	Benoist, Mis	1528 1978	550	17.0	212.6		36	0	0	34		S	5
Pana S, Christian, 11N, 1E													
	Devonian	2881 1974	130	0.0	0.1		6	0	0	3		L	5
Panama +, Bond, Montgomery, 7N, 3-4W													
		1940	60	0.0	24.1		6	0	0	2			
	Golconda, Mis	705	40				4	0	0	31		L	12
	Benoist, Mis	865	30				3	0	0	28		S	12
Pankeyville, Saline, 9S, 6E													
		1956	30	0.0	6.1		2	0	0	0			
	Cypress, Mis	2250 1956	20				2	0	0	37		S	0
	Aux Vases, Mis	2511 1961	10				1	0	0	38		S	22
					ABD 1957, REV 1961, ABD 1961								
Pankeyville E, Saline, 9S, 7E													
		1956	10	0.0	0.0		1	0	0	0			
	Cypress, Mis	2250 1956	10				1	0	0	37		S	22
	Paint Creek, Mis	2360 1956	10				1	0	0	36		S	13
					ABD 1957								
*Parkersburg C, Richland, Edwards, 1-3N, 10-11E, 14W													
		1941	7810	190.5	12802.3		576	27	4	263			
	Pennsylvanian	2100 1967	1000				1	0	0	36		S	18
	Waltersburg, Mis	2430 1950	180				14	0	0	39		S	10
	Tar Springs, Mis	2440 1967	10				1	0	3	36		S	2
	Cypress, Mis	2830 1942	1250				96	26	0	36		S	12
	Paint Creek, Mis	2910 1983	70				4	0	0			S	10
	Bethel, Mis	2930 1942	#				84	4	0	35		S	12
	Aux Vases, Mis	3070	30				3	0	0	37		S	20
	Ohara, Mis	3100	5650				15	0	0			L	10
	Spar Mt., Mis	3150 1945	#				77	1	0	36	0.34	L	10
	McClosky, Mis	3175 1941	#				247	0	1	36	0.31	OL	10
	St. Louis, Mis	3330 1981	40				3	0	0			L	7
	Salem, Mis	3796 1978	730				51	0	0			L	4
	Ullin, Mis	3966 1978	20				2	0	0			L	4

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft)	Area covered in acres	Production (1000 bbls) During 1988	Number of wells			Character of oil			Pay zone	Deepest test (ft)	
					To end of 1988	Com- pleted 1988	Re- port 1988	An- Aban- end 1988	Pro- duced 1988	Sul- fur year	Rock ness	Struc- ture	
Parkersburg S, Edwards, 1N, 14W													
		1948	950	30.8	653.4	78	1	0	68				Mis 3895
Pennsylvanian		1400 1950	90			9	0	0	41	S	10		
Cypress, Mis		2750 1954	270			25	0	0	36	S	10		
Paint Creek, Mis		2798 1984	50			6	0	0		S	6		
Bethel, Mis		2815 1948	360			28	1	0	35	S	5		
Ohara, Mis		3039 1982	80			1	0	0		L	5		
McClosky, Mis		3104 1982	#			3	0	0		L	5		
Salem, Mis		3690 1981	80			11	0	0		L	10		
Parkersburg W, Richland, Edwards, 2N, 10E													
		1943	360	0.7	253.5	22	0	0	3				A Mis 4132
Aux Vases, Mis		3142 1980	10			1	0	0		S	8		
Ohara, Mis		3220 1945	330			2	0	0		L	5	AC	
McClosky, Mis		3260 1943	#			18	0	0	38	L	6	AC	
Salem, Mis		3789 1980	140			2	0	0		L	5		
ABD 1962, REV 64, ABD 65, REV 76, ABD 78, REV 80													
Parnell, Dewitt, 21N, 4E													
		1963	670	0.3	261.5	45	0	0	44				Trn 1971
Sonora, Mis		671 1963	650			42	0	0	32	S	12		
Devonian		1100 1964	20			3	0	0	37	S	12		
Passport N, Richland, 5N, 9E													
		2940 1959	80	0.1	84.3	7	0	0	4	36	S	10	Mis 3656
*Passport S, Richland, Clay, 4N, 8-9E													
		1948	180	3.3	190.4	14	0	0	3				A Mis 3723
Tar Springs, Mis		2368 1962	10			1	0	0	37	S	9		
Cypress, Mis		2665 1948	110			9	0	0	38	S	15	AL	
Aux Vases, Mis		2957 1960	10			1	0	0	36	S	8	A	
Spar Mt., Mis		3025 1948	40			1	0	0		L	6	AC	
McClosky, Mis		3030	#			2	0	0	38	L	8	AC	
Salem, Mis		1980	20			1	0	0		L	0		
Passport W, Clay, 4N, 8E													
Ste. Gen., Mis		3030 1954	180	0.0	69.7	13	0	0	0	37	L	5	AC Mis 3640
ABD 1967, REV 1971, ABD 74, REV&ABD 1982													
*Patoka, Marion, Clinton, 3-4N, 1E, 1W													
		1937	1560	8.3	14877.0	242	0	0	104				D Ord 4056
Cypress, Mis		1280	60			8	0	0	39	S	10	D	
Benoist, Mis		1410 1937	1000			180	0	0	37	0.16	S	27	D
Aux Vases, Mis		1459 1970	40			3	0	0		S	13		
Spar Mt., Mis		1550	510			15	0	0	39	0.31	S	9	D
Geneva, Dev		2835 1943	30			3	0	0	40	0.28	D	10	D
Trenton, Ord		3950 1956	630			34	0	0	42	L	25	D	
*Patoka E, Marion, 4N, 1E													
		1941	580	31.2	6142.5	66	0	0	36	0.18	S	16	D Ord 4178
Cypress, Mis		1340 1941	580			56	0	0	36	0.23	S	10	D
Benoist, Mis		1465	50			5	0	0		L	8	D	
McClosky, Mis		1635 1953	40			3	0	0	34		30	R	
Geneva, Dev		2950 1952	20			2	0	0	35				
*Patoka S, Marion, 3N, 1E													
		1953	1060	10.6	2733.8	88	0	0	67				A Ord 4041
Cypress, Mis		1350 1953	830			63	0	0	36	S	10	A	
Benoist, Mis		1461 1959	230			20	0	0	37	S	15	A	
Spar Mt., Mis		1624 1959	50			2	0	0		S	5	A	
Devonian		2978 1979	40			1	0	0		L	10		
Trenton, Ord		3990 1973	200			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 Mis 1735
ABD 1965													
Pawnee, Sangamon, 14N, 4W													
Silurian		1740 1983	70	0.6	3.7	4	0	0	4		7	Sil 1790	

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covery	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test		
					To end of 1988	During 1988	Com- pleted to port end of 1988	Re- duc- ing end of 1988	An- doned 1988	Sul- fur year	Thick- ness API (%)	Rock type	Struc- ture (ft)		
*Phillipstown C, White, Edwards, 3-5S, 10-11E, 14W															
	Anvil Rock, Penn	1939 795 1943	8900 1850	431.1 36224.0	860	5	4	481		S	10	A	Dev	5350	
	Pennsylvanian	1450	#		1	0	0	36		S	10	AF			
	Bridgeport, Penn	1350	#		17	0	0	36		S	10	AF			
	Buchanan, Penn	1550	#		14	0	0	36		S	10	AF			
	Biehl, Penn	1875	#		27	0	0	30		S	15	AF			
	Kinkaid, Mis	1954 1961	10		86	0	0	33 0.22		S	15	AF			
	Degonia, Mis	1975 1943	820		1	0	0	38		S	17	AF	BRIDGEPORT		
	Clore, Mis	2010 1942	180		67	0	0	34		S	15	AF			
	Palestine, Mis	2050 1942	140		17	0	0	32		S	12	AF			
	Waltersburg, Mis	2280 1943	280		14	0	0	34		S	11	AF			
	Tar Springs, Mis	2295 1943	1530		26	0	0	35		S	15	AF			
	Cypress, Mis	2720 1943	770		123	0	3	36		S	12	AF			
	Paint Creek, Mis	2780 1944	1830		63	1	0	37		S	9	AF			
	Bethel, Mis	2810 1943	#		8	0	0	37		S	15	AF			
	Renault, Mis	2900 1983	10		131	0	0	36		S	10	AF	WHITE CLOUDS		
	Aux Vases, Mis	2880 1939	1490		1	0	0	37		S	15	AF			
	Ohara, Mis	3010 1943	2900		114	0	0	37		S	10	ACF			
	Spar Mt., Mis	2960	#		49	1	1	36		L	10	ACF			
	McClosky, Mis	3000 1939	#		45	0	0	38 0.21		LS	10	ACF			
	St. Louis, Mis	3120 1976	80		112	2	0	34 0.21		L	6	ACF			
	Salem, Mis	3798 1978	1020		8	0	0			L	20				
	Ullin, Mis	3982 1980	250		65	2	0			L	8				
					21	1	0			L	8				
Pinkstaff, Lawrence, 4N, 11W															
	McClosky, Mis	1735 1951	10	0.0	0.0			1	0	0	0	37	L	4	Mis 2290
				ABD 1951											
Pinkstaff E, Lawrence, 4N, 11W															
	Ste. Gen., Mis	1640 1955	130	0.0	x			9	0	0	2	35	L	6	Mis 2250
				ABD 1961, REV 1975											
Pittsburg N +, Williamson, 8S, 3E															
	Bethel, Mis	1964 2459 1972	40 10	1.9	101.1			4	0	0	3		S	8	Mis 3070
	Aux Vases, Mis	2578 1964	30					1	0	0			S	8	
								3	0	0			L	3	
Pixley, Clay, 4N, 8E															
	Cypress, Mis	1959 2680 1959	430 20	5.9	198.1			26	0	0	18	35	S	9	Mis 3815
	McClosky, Mis	3050 1981	50					2	0	0			L	3	
	Salem, Mis	3538 1980	370					3	0	0			L	3	
				ABD 1960, REV 1980				22	0	0					
Plainview +, Macoupin, 9N, 8W															
	Pennsylvanian	410 1942	20	0.0	2.0			2	0	0	1	34	S	5	Dev 1357
				ABD X, REV 1982											
Plainview S, Macoupin, 8N, 8W															
	Pennsylvanian	444 1959	30	0.0	0.1			3	0	0	2	34	S	8	Pen 642
				ABD 1962, REV 1985											
Posen, Washington, 3S, 2W															
	Trenton, Ord	3900 1952	50	2.1	136.2			4	0	0	1	37	L	25	A Ord 4153
Posen N, Washington, 3S, 2W															
	Trenton, Ord	4015 1953	10	0.0	3.9			1	0	0	0	37	L	15	AC Ord 4112
				ABD 1959											
Posen S, Washington, 3S, 2W															
	Benoist, Mis	1255 1955	80	0.3	3.3			7	0	0	3	34	S	70	Ord 3980
				ABD 1959, REV 1982											
Posey, Clinton, 1N, 2W															
	Cypress, Mis	1941 1105 1941	370 350	12.9	676.0			33	0	0	29		M	Ord 3784	
	Devonian	2675 1959	20					31	0	0	36		M		
								2	0	0	38		M		
											38				
Posey E, Clinton, 1N, 2W															
	Devonian	2740 1952	520	12.5	792.0			31	0	0	26	38	L	8	Dev 2850
Posey W, Clinton, 1N, 3W															
	Devonian	2585 1954	20	0.3	5.0			2	0	0	1	37	L	15	Sil 2670
				ABD 1954, REV 1977											

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Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covery	Area in acres	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test Depth Zone (ft)	
					To end of 1988	To end of 1988	Com- pleted 1988	Re- port 1988	An- ed 1988	Sul- fur year	Thick- ness API (%)	Rock type	Struc- ture
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											D	6	U Ord 4342
	Devonian	3109 1962	330	23.2	231.1	22	3	0	16	36	L	6	
	Trenton, Ord	4200 1982	150			10	0	0					
			190			12	3	0					
				ABD X, REV 1982									
*Raccoon Lake, Marion, 1N, 1E											DR	Sil	3530
	Cypress, Mis	1949 1949	380	4.8	3486.9	47	0	0	13		S	10	
	Benoit, Mis	1625 1949	240			18	0	0	34			15	DL
	Ohara, Mis	1715 1957	20			2	0	0	37			5	DC
	Spar Mt., Mis	1885 1949	190			1	0	0				12	DC
	McClosky, Mis	1930 1949	#			11	0	0	36			10	DC
	Devonian	1950 1949	#			13	0	0	36			10	
		3330 1951	270			15	0	0	40			Rd	
Radom SE, Jefferson, 3S, 1E	Paint Creek, Mis	1906 1988	10	1.0	1.0	1	1	0	1		S	5	FC Mis 2850
*Raleigh, Saline, 7-8S, 6E											A	Dev	5511
	Palestine, Mis	1953 1984	740	3.8	2352.6	62	0	0	16		S	4	
	Waltersburg, Mis	2040 1984	40			2	0	0				4	
	Tar Springs, Mis	2230 1984	10			1	0	0				20	A
	Cypress, Mis	2235 1954	20			2	0	0	35			12	A
	Paint Creek, Mis	2550 1953	450			39	0	0	34			5	A
	Aux Vases, Mis	2738 1958	10			1	0	0	34			5	A
	Ohara, Mis	2905 1953	100			11	0	0	38			3	A
	Spar Mt., Mis	3054 1959	60			2	0	0				10	A
	McClosky, Mis	3025 1957	#			3	0	0	38			4	
	St. Louis, Mis	3045 1974	#			1	0	0				4	
	Salem, Mis	3500 1984	20			2	0	0				4	
		3724 1984	30			2	0	0					
*Raleigh S +, Saline, 8S, 5-6E												Mis	4400
	Waltersburg, Mis	1955 1959	950	33.5	2170.1	76	0	0	52				
	Palestine, Mis	2046 1959	60			4	0	0	39		S	10	
	Tar Springs, Mis	2165 1984	10			1	0	0				9	
	Bethel, Mis	2739 1958	10			1	0	0	37			8	
	Aux Vases, Mis	2860 1955	790			64	0	0	40			16	
	Ohara, Mis	2940 1984	100			2	0	0				8	
	Spar Mt., Mis	2950 1981	#			5	0	0				10	
	McClosky, Mis	2960 1974	#			2	0	0				13	
	St. Louis, Mis	2273 1984	10			1	0	0				12	
	Salem, Mis	3960 1984	10			1	0	0				4	
Raymond, Montgomery, 10N, 4-5W	Pottsville, Penn	590 1940	140	1.3	53.7	22	0	0	14	35	0.22	S	10 ML Dev 2400
*Raymond E, Montgomery, 10N, 4W	Pennsylvanian	595 1951	110	0.9	39.4	10	1	0	6	34		S	10 Mis 1008
Raymond S, Montgomery, 10N, 4W	Pennsylvanian	603 1959	10	0.0	0.0	1	0	0	0	34		S	6 Pen 698
*Reservoir, Jefferson, 1S, 3E												MC	Dev 4304
	Aux Vases, Mis	1950 1983	630	12.4	799.2	42	0	0	22			5	
	Spar Mt., Mis	2415 1959	20			1	0	0				7	M
	McClosky, Mis	2443 1959	440			7	0	0				6	MC
	Salem, Mis	2700 1950	#			23	0	0	37			12	M
*Richview, Washington, 2S, 1W	Cypress, Mis	1500 1946	810	22.4	3247.3	89	0	0	62	39		S	12 AL Mis 3291
Ridgway, Gallatin, 8S, 8E												MC	Mis 2938
	Palestine, Mis	1946 1955	20	0.0	0.1	2	0	0	0	30		18	
	McClosky, Mis	1730 1946	10			1	0	0	38			6	MC
		2840 1946	10										
				ABD 1946, REV 1955, ABD 1956									
Riffle, Clay, 4N, 6E	Spar Mt., Mis	2735 1948	100	0.0	80.9	6	0	0	1	36		L	7 MC Mis 3258
				ABD 1961, REV 1981									

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft)	Area in covery	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test Depth (ft)
					To end of 1988	Com- pleted During 1988	Re- port to end of 1988	An- Aban- doned 1988	Sul- fur GR.	Thick- ness Rock type API (%)	Struc- ture Zone		
Rinard C, Wayne, 2N, 7E													
	Ohara, Mis	1937 312 1977	310 300	0.0 0.0	384.0	24	0	0	3			M	Mis 3950
	Spar Mt., Mis	3135	#			1	0	0				L	6 MC
	McClosky, Mis	3140 1937	#			21	0	0	39			L	5 MC
	Salem, Mis	3561 1976	10			2	0	0				L	25
Rinard S, Wayne, 1N, 6E	Spar Mt., Mis	3268 1965	10	0.0	0.8	ABD 1966	1	0	0	0	39	L	4 Mis 3863
Ripley N, Schuyler, 1N, 2W	Devonian	620 1983	10	0.0	0.0		1	0	0	1		9	Sil 700
Ritter, Richland, 3N, 10-11E	Ste. Gen., Mis	3215 1950	110 ABD 1960, REV 1961	12.2	327.3		6	0	0	1	38	L	5 Mis 3925
*Ritter N, Richland, 3N, 11E													
	Ohara, Mis	1951 3203 1960	190 190	0.0	161.3		13	0	0	2	39	L	6 Mis 3288
	Spar Mt., Mis	3215 1952	#				3	0	0			L	6
	McClosky, Mis	3205 1951	#				8	0	0			L	5
						ABD 1967, REV 1986	3	0	0				
Riverton S, Sangamon, 15N, 4W	Silurian	1590 1965	40	0.3	95.2		3	0	0	2	38	D	8 Sil 1670
Roaches, Jefferson, 2S, 1E													
	Benoist, Mis	1938 2000	310 40	2.3	702.5		23	1	0	10		A	Dev 3840
	Ohara, Mis	2170 1942	260				7	1	0	38		x AL	
	Spar Mt., Mis	2190 1938	#				4	0	0	37	0.22	L	AC
	McClosky, Mis	2250 1938	#				11	0	0	37	0.22	L	12 AC
	St. Louis, Mis	2260 1980	10				6	0	0	37	0.22	L	4 AC
							2	0	0			L	x
*Roaches N, Jefferson, 2S, 1E													
	Benoist, Mis	1944 1925	470 420	15.6	1190.6		44	0	0	10		A	Trn 4996
	Spar Mt., Mis	1944 2115	420 140				32	0	0	37		s 7	
	McClosky, Mis	2125 1984	#				11	0	0	34		L 8	AC
	St. Louis, Mis	2420 1982	10				1	0	0			OL 4	
	Trenton, Ord	4852 1962	10				1	0	0	42		L 5	
Roby, Sangamon, 15N, 3W													
	Devonian	1949 1757	400 20	16.6	522.0		32	0	0	18			Sil 1905
	Silurian	1986 1775	20 400			ABD 1951, REV 1954	1	0	0		38	L L 5 MU	
Roby E, Christian, Sangamon, 15N, 2-3W													
	Devonian	1970 1757	1800 20	121.8	2315.8		115	0	0	71		S L 2	Sil 2002
	Silurian	1971 1840	20 1810				2	0	0			20	
							114	0	0				
Roby N, Sangamon, 16N, 3W	Silurian	1699 1962	60	0.1	19.4		5	0	0	1	38	L 4	Trn 2300
						ABD 1964, REV 71, ABD 73, REV 79							
Roby S, Christian, 15N, 3W	Silurian	1780 1984	210	8.0	170.1		16	0	0	16		L x	Sil 1940
Roby W, Sangamon, 15N, 3W	Hibbard, Dev	1655 1957	70	0.0	7.5		7	0	0	5	37	S 5 MU	Trn 2259
						ABD 1963, REV 1967							
*Rochester ++, Wabash, 2S, 13W													
	Pennsylvanian	1948 1300	400 230	1.5	2572.3		54	0	1	18	32	S 16 MCF	Mis 3450
	Waltersburg, Mis	1948 1940	230				23	0	0			S 20 ML	
	Salem, Mis	3210 1977	20				30	0	1			L 30	

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft)	Area covered in acres	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test		
					To end of 1988	Re- com- pleted During 1988	To end of 1988	Pro- duced end 1988	Aban- doned 1988	Sul- fur GR. API (%)	Thick- ness Rock type Struc- ture (ft)			
*Roland C +, White, Gallatin, 5-7S, 8-9E														
Pennsylvanian	1939 1954	12830	252.6	61640.3	1151	15	2	441			A	Dev	5271	
Pennsylvanian	1410 1954	30			6	0	0	36	S	10	A			
Degonia, Mis	2065	40			4	0	0	35	S	7	A			
Clore, Mis	1993 1947	90			7	0	0	36	S	4				
Palestine, Mis	2085 1946	40			4	0	0	34	S	2	A			
Waltersburg, Mis	2200	1890			126	0	0	31	0.25	S	15	AL		
Tar Springs, Mis	2300 1940	790			54	2	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	2730			184	2	0	36	0.12	S	15	AL		
Paint Creek, Mis	2800 1945	2510			47	1	0	37	S	12	AL			
Bethel, Mis	2800	#			100	2	0	37	0.20	S	12	AL		
Aux Vases, Mis	2880 1945	5120			345	5	2	39	0.12	S	13	AL		
Ohara, Mis	3020 1943	3280			52	4	1	36	OL	6	AC			
Spar Mt., Mis	3050 1945	#			51	6	1	38	L	6	AC			
McClosky, Mis	3070 1939	#			141	3	0	38	0.20	L	6	AC		
St. Louis, Mis	3250	180			14	1	0	37	L	x	AC			
Salem, Mis	4089 1966	210			18	1	0	38	L	19				
Ullin, Mis	4050 1967	380			19	1	0	38	L	4				
Roland W, Saline, 7S, 7E														
Aux Vases, Mis	2935 1950	10	0.0	22.3		1	0	0	0	40	S	15	ML	3161
		ABD 1959												
Rose Hill, Jasper, 8N, 9E														
Spar Mt., Mis	1966 1981	960	15.2	365.9	62	2	0	49				Dev	4403	
McClosky, Mis	2735 1966	960			5	0	0			S	3			
		#			27	2	0	39		L	10			
Royalton, Franklin, 7S, 1E														
Renault, Mis	2540 1982	10	2.4	27.8		1	0	0	1		S	8	Dev	4515
*Ruark, Lawrence, 2N, 12-13W														
Pennsylvanian	1941 1941	700	24.1	2777.7	78	0	0	41	33	S	10	A	Mis 2967	
Pennsylvanian	1600 1941	580			62	0	0			S	5	AL		
Tar Springs, Mis	1625 1984	10			1	0	0			S	11	AL		
Bethel, Mis	2075	100			9	0	0	36		S	7	AL		
Aux Vases, Mis	2145	40			4	0	0	37		L	5	AC		
Ohara, Mis	2275 1954	20			2	0	0	37						
*Ruark W C, Lawrence, 2N, 13W														
Waltersburg, Mis	1947 1947	750	6.2	1602.3	67	0	0	27			M	Mis	3211	
Waltersburg, Mis	1780 1947	50			7	0	0	38		S	10	ML		
Cypress, Mis	2165 1952	10			1	0	0	35		S	9	ML		
Bethel, Mis	2220 1948	580			45	0	0	36		S	20	ML		
Ohara, Mis	2350 1952	310			4	0	0			L	5	MC		
Spar Mt., Mis	2390	#			2	0	0			L	5	MC		
McClosky, Mis	2400 1950	#			20	0	0	38		L	3	MC		
*Rural Hill N, Hamilton, 5S, 5E														
Cypress, Mis	1949 1956	200	3.3	317.2	15	0	0	6	35	S	10	ML		
Cypress, Mis	2930 1956	110			8	0	0			L	6	ML		
Ohara, Mis	3330 1977	50			1	0	0			L	8	MC		
Spar Mt., Mis	3325 1949	#			1	0	0	37		L	7			
McClosky, Mis	3380 1981	#			1	0	0			L	7			
St. Louis, Mis	3640 1977	20			2	0	0			L	7			
Salem, Mis	3860 1976	20			1	0	0			L	35			
Ullin, Mis	4220 1977	70			6	0	0			L	7			
		ABD 1950, REV 1956, ABD 1969, REV 1976												
Rushville, Schuyler, 2N, 1W														
Devonian	743 1966	10	10.1	10.9	2	0	0	1	37	L	22	Trn	975	
		ABD 1969, REV 1987												
Rushville Central, Schuyler, 1N, 1-2W														
Silurian	640 1983	140	4.9	4.9	12	2	0	10		L	20	Ord	746	
Rushville NW, Schuyler, 2N, 2W														
Silurian	669 1960	40	0.0	0.5	4	0	0	1	36	L	3	AC	Trn 1038	
		ABD 1976, REV 1983												
Rushville S, Schuyler 1N, 1W														
Devonian	580 1982	10	0.0	0.0	1	0	0	0		L	5	Dev	642	
		ABD 1984												

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft)	Area in acres	Production (1000 bbls) During 1988	Number of wells				Character of oil		Pay zone	Deepest test Depth Zone (ft)		
					To end 1988	Com- pleted 1988	Re- port 1988	An- droned 1988	Pro- duced 1988	Sul- fur API (%)	Rock type			
Russellville Gas +, Lawrence, 4-5N, 10-11W	McClosky, Mis	1560	1937	40 0.0 12.9 ABD 1958, REV 1977	4	0	0		1 35	L	7	AC	Dev 3133	
Russellville W, Lawrence, 4N, 11W	Spar Mt., Mis	1565	1955	10 0.0 2.0 ABD 1957	1	0	0		0 37	L	22	Mis	1646	
*St. Francisville, Lawrence, 2N, 11W	Bethel, Mis	1914 1845 1914	970 950 20	x x 91 90 0 0					34 32	S L	6 10	ML	Mis 2793	
	St. Louis, Mis	2061 1982			1 0	0								
	SEE LAWRENCE COUNTY DIV. FOR PRODUCTION													
*St. Francisville E, Lawrence, 2N, 11W	Pennsylvanian	1941 1260 1954	450 60	4.2 752.6	39	0	0		17			A	Mis 1961	
	Waltersburg, Mis	1300	10		6	0	0		30	S	8	AL		
	Hardinsburg, Mis	1460	1950	40	1	0	0		37	S	6	AL		
	Cypress, Mis	1605	60		3	0	0		35	S	6	AL		
	Bethel, Mis	1750	1941	320	3	0	0		36	S	15	AL		
	Spar Mt., Mis	1822	1963	10	25	0	0		40 0.21	S	20	A		
					1	0	0		36	L	5			
*St. Jacob, Madison, 3N, 6W	Trenton, Ord	2260	1942	1050 14.6 4349.5 ABD 1957, REV 1979	55	0	0		28 40 0.23	L	17	A	PC 5019	
St. Jacob E, Madison, 3N, 6W	Hardin, Dev	1955 1840 1955	50 20	0.0 10.2	4	0	0		3 23	S L	x 4	U	Ord 2600	
	Trenton, Ord	2558 1979	30		1	0	0							
					3	0	0							
*St. James, Fayette, 5-6N, 2-3E	Golconda, Mis	1938 1555	3350 10	75.8 22064.9	352	0	1		224			A	Dev 3470	
	Cypress, Mis	1580	1938	1900	1	0	0		34	S	15	A		
	Benoist, Mis	1746	1959	10	201	0	0		37 0.31	S	16	A		
	Spar Mt., Mis	1860	1954	100	1	0	0		36	S	8	A		
	Carper	3070	1961	1750	10	0	0		38	L	16	A		
					140	0	1		37	S	35	A		
St James E, Fayette, 6N, 3E	Carper	3250	1984	10 0.0 0.1 ABD 1984	1	0	0		0	S	6		Mis 3257	
St. Paul, Fayette, 5N, 3E	Benoist, Mis	1941 1900 1941	380 240	4.7 1097.6	36	0	0		17			A	Dev 3650	
	Spar Mt., Mis	2080	10		18	0	0		34 0.23	S	9	A		
	Carper	3288 1963	290		1	0	0		38	L	6	A		
					19	0	0		36	S	28			
*Ste. Marie, Jasper, 5N, 10-11E, 14W	Ste. Gen., Mis	2900	1941	1220 0.4 2124.4 ABD 1951, REV 66, ABD 80, REV 87	73	0	0		4 37 0.14	L	8	AC	Mis 3695	
Ste. Marie E, Jasper, 6N, 14W	Ste. Gen., Mis	2685	1949	130 7.7 49.6 ABD 1951, REV 66, ABD 80, REV 87	3	0			6 38	L	10	MC	Mis 3191	
Ste. Marie W, Jasper, 5-6N, 10E	Aux Vases, Mis	1949 2720	450 10	1.6 501.4	24	0	0		11			M	Mis 3225	
	Ste. Gen., Mis	2815	1949	450	1	0	0		37	S	25	ML		
					24	0	0		40	L	6	MC		
*Sailor Springs C, Clay, Effingham, Jasper, 3-6N, 6-8E	Jackson, Mis	1938 2550	22740 1976	545.0 10	64772.8	1847	10	8	870			A	Dev 5600	
	Tar Springs, Mis	2340	1941	880		67	0	0			S	10		
	Glen Dean, Mis	2390	1943	10		1	0	0		37 0.17	S	12	A	
	Cypress, Mis	2550	1942	11180		843	2	3		38	L	8	A	
	Bethel, Mis	2740	1946	1220		69	0	0		38 0.28	S	12	A	
	Benoist, Mis	2780		650		55	0	0		37	S	20	A	
	Aux Vases, Mis	2825	1942	4580		341	6	6		37	S	13	A	
	Ohara, Mis	2900	1947	9580		39	2	0		37	OL	6	A	
	Spar Mt., Mis	2900	1945	#		267	1	1		33	LS	8	A	
	McClosky, Mis	2925	1938	#		384	1	0		40	OL	8	A	
	St. Louis, Mis	3310	1967	320		34	0	0		39	L	11	A	
	Salem, Mis	3260	1978	240		23	0	0			L	12		
	Devonian	4586	1980	50		3	0	0				6		

Table 7 continued

Pool, county by township and range	Pay zone Name and age	Year of proved depth dis- (ft)	Area covered in acres	Production (1000 bbls) During 1988	Number of wells			Character of oil			Pay zone	Deepest test
					To end of 1988	Com- pleted to port end of 1988	Re- ported abandoned 1988	Pro- duced during 1988	Sul- fur year	Rock type (ft)		
Sailor Springs E, Clay, 4N, 8E												
Cypress, Mis	1944	700	27.0	515.8	49	0	0	29		S	D	Mis 3776
Spar Mt., Mis	2695 1944	120			11	0	0	36		S	8	D
McClosky, Mis	3100 1981	460			21	0	0			S	7	
St. Louis, Mis	3020 1955	#			9	0	0	37		L	7	D
Salem, Mis	3228 1980	30			3	0	0			L	6	
	3550 1967	180			12	0	0	38		L	6	
ABD 52, REV 55, ABD 56, REV 60, ABD 61, REV 66												
Sailor Springs N, Clay, 4N, 8E												
Spar Mt., Mis	1948	100	1.6	30.0	8	0	0	3		L	2	M
McClosky, Mis	2985 1948	100			5	0	0			L	2	MC
	3030	#			5	0	0	37		L	2	MC
ABD 49, REV 50, ABD 51, REV 55, ABD 56, REV 57, ABD 60, REV 80												
*Salem C, Marion, Jefferson, 1-2N, 1S, 1-2E												
Benoist, Mis	1938	13910	1247.9	388392.3	2923	5	2	1313		A	PC	9210
Renault, Mis	1780 1938	10900			641	0	0	37		S	40	A
Aux Vases, Mis	1778 1986	10			1	0	0			S	7	
Ohara, Mis	1825	7590			823	0	2	37	0.21	S	40	A
Spar Mt., Mis	2075	9740			2	0	0	37		L	3	A
McClosky, Mis	2100	#			159	0	0	37		LS	15	A
St. Louis, Mis	2050	#			903	0	0	35		L	17	A
Salem, Mis	2100	220			20	0	0	37		L	17	A
Devonian	2160 1939	1400			279	0	0	37		L	17	A
Trenton, Ord	3440 1939	6000			680	5	0	42	0.28	L	40	A
	4500 1941	1930			152	0	0	37		L	50	A
Samsville, Edwards, 1N, 11E												
Waltersburg, Mis	2420 1942	70	0.0	1.0	6	0	0	1	38	S	7	A
ABD 1952, REV 1974, ABD 1977												
*Samsville N, Edwards, 1N, 14W												
Bethel, Mis	1945	210	0.0	260.9	18	0	0	0		S	6	Mis 4040
Spar Mt., Mis	2900 1945	200			17	0	0			S	4	A
	3115 1981	10			1	0	0	38				
ABD 1976, REV 1981, ABD 1982, REV 1985, ABD 1987												
Samsville NW, Edwards, 1N, 10E												
Ohara, Mis	1955	140	1.2	41.6	8	0	0	5		L	4	Mis 4150
Spar Mt., Mis	3190 1955	130			5	0	0	38		L	10	
McClosky, Mis	3301 1970	#			2	0	0			OL	5	
Salem, Mis	3290 1980	#			2	0	0			L	20	
	3872 1980	20			2	0	0					
ABD 1956, REV 70, ABD 72, REV 80												
Sandoval, Marion, 2N, 1E												
Cypress, Mis	1909	510	0.0	6444.7	161	0	0	16		S	10	D
Benoist, Mis	1400 1909	20			1	0	0	37		S	20	Stp
Geneva, Dev	1540 1909	480			124	0	0	35		D	9	R
	2920	260			35	0	0	38	0.38			
Sandoval W, Clinton, 2N, 1W												
Cypress, Mis	1420 1946	20	0.0	26.3	2	0	0	1	37	S	4	Dev 3280
ABD 1960, REV 1981												
Santa Fe, Clinton, 1N, 3W												
Cypress, Mis	955 1944	10	0.0	1.5	1	0	0	0	34	S	10	A
ABD 1947												
Santa Fe E, Washington, 1N, 3W												
Silurian	2600 1982	10	0.2	1.7	1	0	0	1		L	8	Sil 2664
*Schnell, Richland, 2N, 9E												
Aux Vases, Mis	1938 1969	220	0.0	388.8	18	0	0	7		S	10	Mis 3690
Spar Mt., Mis	2956 1974	130			8	0	0			S	15	
McClosky, Mis	3090 1974	120			1	0	0			OL	5	AC
	3000 1938	#			10	0	0	39	0.19			
Schnell E, Richland, 2N, 9E												
Spar Mt., Mis	1954 1978	170	3.3	92.6	12	0	0	6		S	5	Mis 3776
McClosky, Mis	3101 1954	170			6	0	0			L	4	AC
	3115 1954	#			7	0	0	38				
ABD 1954, REV 1978												

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- covery (ft)	Area in acres	Production (1000 bbls) During 1988	Number of wells			Character of oil			Pay zone Depth test type (ft)	Deepest test zone (ft)		
					Com- pleted to end 1988	Re- duced 1988	To end 1988	An- nounced 1988	Sul- fur year	Thick- ness API (%)				
Sciota, McDonough, 7N, 3W														
	Devonian	519 1960	10	0.0	0.0	1	0	0	0	28	L	16	Sil 760	
<i>*Seminary, Richland, 2N, 10E</i>														
		1945	120	0.0	228.8	9	0	0	1	38	L	x	Mis 3845	
	McClosky, Mis	3195 1945	120			9	0	0			L	4	MC	
	Salem, Mis	3750 1981	10			1	0	0			L			
<i>*Sesser C, Franklin, 5-6S, 1-2E</i>														
		1942	2000	50.0	4231.0	135	1	0	89		A	Dev	4688	
	Cypress, Mis	2455 1953	60			4	0	0	38		5	AL		
	Renault, Mis	2690	340			26	0	0	37	0.17	10	AC		
	Aux Vases, Mis	2700 1942	1470			88	1	0	38	0.17	10	AL		
	Ohara, Mis	2675 1951	290			9	0	0			L	8	A	
	Spar Mt., Mis	2810 1944	#			6	0	0			L	10	AC	
	McClosky, Mis	2840	#			8	0	0	39		5	AC		
	St. Louis, Mis	3002 1957	30			3	0	0	37		20	AC		
	Clear Creek, Dev	4360 1949	170			12	0	0	40		x	AC		
Sharpsburg, Christian, 14N, 2W														
		1974	40	0.0	6.1	3	0	0	1			Sil	2062	
	Devonian	1972 1975	30			2	0	0			L	3		
	Silurian	1990 1974	10			1	0	0			L	3		
<i>*Shattuc, Clinton, 2N, 1W</i>														
		1945	300	6.8	888.1	42	0	0	21		A	Ord	4146	
	Cypress, Mis	1280 1955	150			15	0	0	36		7	AL		
	Benoist, Mis	1420 1947	80			7	0	0	35		13	AL		
	Trenton, Ord	4020 1948	220			21	0	0	40		13	A		
Shattuc N, Clinton, 2N, 1W														
	Benoist, Mis	1445 1961	10	0.0	2.4	1	0	0	0	36	S	7	Trn 4134	
Shawneetown, Gallatin, 9S, 9E														
		1945	80	0.0	16.9	6	0	0	0		M	Mis	2837	
	Palestine, Mis	1720 1955	40			2	0	0	35			M		
	Waltersburg, Mis	1900 1955	10			1	0	0	37			12	M	
	Tar Springs, Mis	1960 1955	60			3	0	0	37			x	M	
	Cypress, Mis	2375 1956	10			1	0	0	38			14	M	
	Bethel, Mis	2400 1968	10			1	0	0				x	M	
	Aux Vases, Mis	2650 1945	10			1	0	0	38			10	MF	
<i>ABD 1950, REV 1955, ABD 1960, REV 1968, ABD 1969</i>														
Shawneetown E, Gallatin, 9S, 10E														
		1952	30	0.0	18.3	4	0	0	2			Mis	2830	
	Waltersburg, Mis	1855 1955	10			2	0	0	37			10		
	Bethel, Mis	2480 1955	10			1	0	0	37			x		
	Aux Vases, Mis	2660 1952	10			1	0	0	38			9		
<i>*Shawneetown N, Gallatin, 9S, 10E</i>														
		1948	50	0.0	104.9	4	0	0	0		MF	Mis	3131	
	Aux Vases, Mis	2750 1955	40			3	0	0	38		20	MF		
	McClosky, Mis	3045 1948	10			1	0	0	36		6	MF		
<i>ABD 1953, REV 1955, ABD 1966</i>														
<i>*Shelbyville C, Shelby, 11N, 4E</i>														
	Aux Vases, Mis	1860 1946	110	0.6	54.5	9	0	0	1	34	S	15	A	Mis 3301
Shumway, Effingham, 9N, 5E														
		1965	20	0.0	3.4	2	0	0	0				Mis 2470	
	McClosky, Mis	2223 1965	10			1	0	0	37			3		
	St. Louis, Mis	2431 1982	10			1	0	0	37			4		
<i>ABD 1969, REV 1982, ABD 1984</i>														
Sicily, Christian, 13N, 4W														
		1860 1956	70	0.0	69.4	7	0	0	1	39	L	16	Sil 1884	
Sigel, Effingham, 9N, 6E														
	McClosky, Mis	2350 1981	80	0.0	43.2	6	0	0	5		L	6	Ord 4702	

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area dis- covery in acres	Production (1000 bbls)	Number of wells			Character of oil		Pay zone	Deepest test Depth (ft)	
					To end of 1988	Com- pleted 1988	Re- open- ed 1988	To port- end 1988	Aba- ndoned 1988	Sul- fur year	Rock type	Thick- ness
*Siggins, Cumberland, Clark, 10-11N, 10-11E, 14W												
1st Siggins	400	1906	4430	x	x	1143	0	0	450	36	S	25
2nd Siggins	460		4430	#		912	0	0		36	S	x
3rd & 4th Siggins	580			#		99	0	0		37	S	40
Trenton, Ord	3013	1972	30			209	0	0		40	L	D
SEE CLARK COUNTY DIV. FOR PRODUCTION												
Siloam, Brown, 2S, 4W												
Silurian		603	1959	420	6.1	301.5	38	0	0	20	37	D
*Sorento C, Bond, 6N, 4W												
Pennsylvanian		1938	740	3.6	1971.1		63	1	0	10		A
Lingle, Dev	570	1956	90				7	1	0	31	S	20
	1875	1938	670				55	0	0	35	S	8
Sorento W, Bond, 6N, 4W												
Devonian		1880	1956	10	0.0	0.0	1	0	0	0	37	L
ABD 1956												
Sparta +, Randolph, 4-5S, 5-6W												
Cypress, Mis		850	1888	20	0.0	0.0	2	0	0	0	35	S
ABD 1900												
Sparta S, Randolph, 5S, 5W												
Cypress, Mis		880	1949	10	0.0	0.0	1	0	0	0	35	S
ABD 1950												
Springerton, White, 4S, 8E												
Aux Vases, Mis		3376	1980	90	2.3	39.2	8	0	0	5		S
Mis 3662												
Springerton S, White, 4S, 8E												
Aux Vases, Mis		1976	840	59.1	1341.1		66	0	0	58		Mis
Obara, Mis	3325	1977	720				56	0	0			8
Spar Mt., Mis	3424	1978	160				1	0	0		L	4
McClosky, Mis	3440	1976	#				4	0	0		S	9
Salem, Mis	3494	1978	#				6	0	0		L	6
Ullin, Mis	4290	1977	10				1	0	0		L	5
	4385	1977	20				2	0	0		L	6
Springfield E, Sangamon, 15N, 4W												
Hibbard, Dev		1960	230	1.7	352.2		22	0	0	3		R
Silurian	1625	1960	10				1	0	0	37	S	4
	1600	1960	220				22	0	0	39	D	12
R D R Sil 1705												
Spring Garden, Jefferson, 4S, 3E												
Spar Mtn, Mis		1977	380	86.1	1046.6		21	1	0	19		Mis
McClosky, Mis	2905	1988	10				1	1	0		S	10
Salem, Mis	3090	1977	330				18	0	0		OL	10
	3470	1983	40				2	0	0		L	4
Mis 3993												
*Staunton +, Macoupin, 7N, 7W												
Pennsylvanian		515	1952	30	0.0	4.1	2	0	0	1	35	S
Ord 2371												
*Staunton W, Macoupin, 7N, 7W												
Pennsylvanian		505	1954	270	8.7	181.0	28	0	0	17	35	S
Sil 1512												
*Stewardson, Shelby, 10N, 5E												
Aux Vases, Mis		1939	360	13.6	1069.3		28	0	0	22		Dev
Spar Mt., Mis	1945	1939	360				27	0	0	38	S	3414
	2021	1958	70				5	0	0	37	S	9
A A												
Stewardson E, Shelby, 9-10N, 6E												
Aux Vases, Mis		1963	30	0.3	23.7		3	0	0	2		Mis
Spar Mt., Mis	2177	1963	10				1	0	0	38	S	6
	2197	1963	30				3	0	0	37	S	6
Mis 2561												
Stewardson W, Shelby, 10N-5E												
Benoist, Mis		1920	1970	30	0.0	0.0	3	0	0	1		Mis
3001												
ABD 1971, REV 1983												

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved Depth dis- (ft) covery	Area in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test	
					To end During 1988	To end of 1988	Com- pleted to port end of 1988	Re- duced Aban- doned of 1988	Pro- duced year	Sul- fur API (%)	Thick- ness Rock type Struc- ture (ft)			
Stiritz, Williamson, 8S, 2E				1971 110 4.6 255.0	7 0 0		4						Dev	4669
	Bethel, Mis	2470 1976	40		2 0 0							S	4	
	Aux Vases, Mis	2525 1971	70		5 0 0							S	6	
*Storms C +, White, 5-6S, 9-10E														
	Pennsylvanian	1939 1954	5180 370	284.9 15.1	484 6 0		212					AM	Dev	5308
	Biehl, Penn	1840 1951	#		12 0 0		29					S	10	A
	Degonia, Mis	2090 1954	180		16 0 0		35					S	4	AF
	Clore, Mis	2100 1954	250		14 0 0		35					S	7	AL
	Palestine, Mis	2150 1941	70		30 0 0		35					S	10	AL
	Waltersburg, Mis	2230 1939	2750		6 0 0		35					S	12	AL
	Tar Springs, Mis	2340 1946	300		252 0 0		32 0.28					S	15	AL
	Hardinsburg, Mis	2476 1959	20		28 0 0		37					S	10	MF
	Cypress, Mis	2700 1946	350		2 0 0		37					S	10	MF
	Bethel, Mis	2810	60		6 0 0		37					S	x	MF
	Renault, Mis	2990	20		2 0 0		39					L	5	A
	Aux Vases, Mis	3000 1946	1210		88 4 0		35					S	13	AF
	Ohara, Mis	3095	710		18 1 0		35					L	10	AC
	Spar Mt., Mis	3115 1950	#		33 1 0		34					L	2	AC
	McClosky, Mis	3055	#		22 1 0							L	5	MC
	Salem, Mis	3738 1966	40		3 0 0							L	6	
	Ullin, Mis	4030 1984	10		1 0 0							L	8	
*Stringtown, Richland, 4-5N, 11E, 14W														
	Ste. Gen., Mis	3025 1941	780 0.0	1814.7	55 0 0		16 40 0.24	OL	8	AC	Mis	3855		
			ABD 1975, REV 1981											
Stringtown E, Richland, 4N, 14W														
	Spar Mt., Mis	3040 1981	440	0.2	122.5	30 2 0	17					Mis	3714	
	McClosky, Mis	3010 1948	440			12 0 0						S	5	
			#			18 2 0	37					L	4	
			ABD 1950, REV 1981											
Stringtown S, Richland, 4N-14W														
	Spar Mt., Mis	3117 1970	40 0.3	6.2	4 0 0		0					S	8	Mis
			ABD 1976, REV 81, ABD 82											3786
Stubblefield S +, Bond, 4-5N, 3-4W														
	Pennsylvanian	1955 1955	150 1.8	110.2	12 0 0		10					Dev	2455	
	Cypress, Mis	540 1974	40		3 0 0							S	15	
	Devonian	985 1955	10		1 0 0		35					S	4	
		2185 1963	120		8 0 0		37					L	8	
			ABD 1956, REV 1963, ABD 1965, REV 1974											
Sumner, Lawrence, 4N, 13W														
	McClosky, Mis	2260 1944	50 0.2	20.5	4 0 0		2 39					L	4	MC
			ABD 1953, REV 1979									Mis	2560	
Sumner Cen, Lawrence, 4N, 13W														
	Spar Mt., Mis	2544 1966	10 0.0	0.7	1 0 0		0 37					L	5	Mis
			ABD 1968											3100
Sumner S +, Lawrence, 3N, 13W														
	Aux Vases, Mis	1964 2620	120 130	22.0	13 0 0		8 36					S	8	Mis
	Spar Mt., Mis	1964 2670	40		10 0 0							S	4	
			ABD 1969, REV 1980											
Sumpter, White, 4S, 9E														
	Deagonia, Mis	1945 2140	380 1975	6.1 10	28 1 0		14					A	Ord	7852
	Clore, Mis	1945 2195	20		2 0 0							S	5	
	Tar Springs, Mis	1945 2575	290		21 0 0		37					S	5	
	Hardinsburg, Mis	1945 2655	10		1 0 0		36					S	18	AF
	Cypress, Mis	1948 2860	70		5 0 0		37					S	14	AF
	Ohara, Mis	1960 3222	10		1 0 0		36					S	15	AF
	McClosky, Mis	1984 3308	10		1 0 1							L	6	A
												L	5	
*Sumpter E, White, 4-5S, 10E														
		1951 2795	1720 220	3126.1	109 18	3 0 0	44 37					A	Mis	4204
	Bethel, Mis	1960 2922	20		2 0 0		35					S	16	AL
	Aux Vases, Mis	1952 3020	460		30 2 0		39					S	12	A
	Ohara, Mis	1951 3115	1230		51 3 0		36					S	15	AL
	Spar Mt., Mis	1952 3140	#		18 0 0		36					L	4	AC
	McClosky, Mis	1984 3150	#		3 0 0		33					L	5	AC

Table 7 continued

Pool, county location by township and range	Pay zone Name and age	Year Depth dis- (ft)	Area proved in acres	Production (1000 bbls) To end of 1988	Number of wells			Character of oil		Pay zone Type	Deepest test Depth (ft)													
					Completed in 1988	Re- open- ed 1988	An- nounced 1988	Sul- fur API (%)	Thick- ness Rock Struc- ture															
*Sumpter N, White, 4S, 9E																								
	Aux Vases, Mis	1952	340	1.1	725.4	25	0	3	10	37	S	3 AL												
	Ohara, Mis	3185 1952	240			16	0	3			L	6												
	Spar Mt., Mis	3270 1982	50			2	0	0			S	8												
	McClosky, Mis	3292 1982	#			2	0	0			OL	4												
	St. Louis, Mis	3312 1974	#			3	0	0			L	4												
	Salem, Mis	3419 1985	10			1	0	0			L	8												
	Ullin, Mis	4080 1985	10			1	0	0			L	8												
		4230 1975	50			4	0	0			L	30												
Dev 5500																								
*Sumpter S, White, 4-5S, 9E																								
	Tar Springs, Mis	1948	280	5.4	1052.6	32	0	0	10	34	S	8 AF												
	Bethel, Mis	2580 1948	160			16	0	0			S	15 AF												
	Aux Vases, Mis	3025	10			1	0	0			S	10 AF												
		3260	210			16	0	0																
4243																								
Sumpter W, White, 4S, 9E																								
	Aux Vases, Mis	1952	60	1.1	45.1	4	0	0	3	37	S	5 AL												
	Ohara, Mis	3165 1952	20			2	0	0			L	4												
		3244 1980	40			2	0	0																
	ABD 1964, REV 1969																							
Mis 4050																								
*Tamaroa, Perry, 4S, 1W																								
	Cypress, Mis	1942	350	3.2	484.2	24	0	0	6	30 0.12	S	13 AL												
	Trenton, Ord	1120 1942	250			19	0	0			L	40												
		4135 1964	110			6	0	0																
Trn 4287																								
*Tamaroa S, Perry, 4S, 1W																								
	Cypress, Mis	1155 1957	300	1.6	372.2	23	0	0	15	28	S	7 Mis												
1385																								
Tamaroa W, Perry, 4S, 2W																								
	Cypress, Mis	1100 1956	20	0.0	2.5	3	0	0	1	34	S	5 Sil												
2992																								
Taylor Hill, Franklin, 5S, 4E																								
	Ohara, Mis	1949	270	4.7	253.4	22	0	0	14	37	L	4												
	St. Louis, Mis	3055 1949	80			6	0	0			L	5												
	Salem, Mis	3365 1985	10			1	0	0			L	6												
	Ullin, Mis	3635 1979	20			2	0	0			L	15												
		3940 1961	230			13	0	0																
	ABD 1968, REV 1977																							
Dev 5110																								
Teutopolis, Effingham, 8N, 6E																								
	Spar Mt., Mis	1966	170	2.2	221.3	12	0	0	9		L	5												
	McClosky, Mis	2402 1966	170			11	0	0			OL	4												
	St. Louis, Mis	2530 1967	#			2	0	0			L	4												
		2570 1967	40			3	0	0																
Dev 4037																								
Teutopolis S, Effingham, 8N, 6E																								
	Spar Mt., Mis	1968	50	0.0	20.1	3	0	0	0		S	4												
	McClosky, Mis	2477 1968	50			2	0	0			OL	5												
		2535 1968	#			3	0	0			L	4												
	ABD 1983																							
Mis 2950																								
*Thackeray, Hamilton, 5S, 7E																								
	Cypress, Mis	1944	860	3.5	4489.7	77	0	0	29	36	S	24 A												
	Aux Vases, Mis	3030 1944	30			3	0	0			S	15 AL												
	Ohara, Mis	3360 1944	760			68	0	0			L	5 AC												
	McClosky, Mis	3435 1946	120			1	0	0			L	10 AC												
	Salem, Mis	3500 1946	#			6	0	0			L	20												
		4273 1986	20			1	0	0																
Dev 5611																								
Thompsonville, Franklin, 7S, 4E																								
	Ohara, Mis	1940	430	0.0	430.4	44	0	0	13		L	4												
	Spar Mt., Mis	3110 1967	350			10	0	0			LS	4												
	McClosky, Mis	3190 1967	#			2	0	0			L	10 A												
	St. Louis, Mis	3200 1940	#			20	0	0			L	10												
		3450	90			2	0	0			L	10												
	ABD 1947, REV 1967																							
Dev 5400																								
*Thompsonville E, Franklin, 7S, 4E																								
	Aux Vases, Mis	3150 1949	250	3.3	636.5	19	0	0	6	38	S	8 ML Mis												
												3371												

Table 7 *continued*

Pool, county location by township and range	Pay zone	Year of proved depth dis- in cover	Area acres	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test
					To end of 1988	Com- pleted During 1988	Re- port- ed end of 1988	An- droned end of 1988	Sul- fur API (%)	Thick- Rock ness type (ft)		
*Thompsonville N, Franklin, 7S, 4E												
Cypress, Mis		1944 2750 1948	970 20	164.5 4235.3	96	2	0	21	37	S S L	10 20 4	A AL
Aux Vases, Mis		3100 1944	970		93	2	0		35			
Spar Mt., Mis		3062, 1985	10		1	0	0					
Tilden, Randolph, 4S, 5W												
Silurian		2160 1952	650	8.2 4843.8	52	4	0	46 40	L	60	R	Trn 3100
Tilden N, St Clair, Washington, Randolph, 3-4S, 5-6W												
Devonian		1968 2010 1981	690 150	13.0 1042.0	43	0	0	43				Ord 2810
Silurian		2014 1968	550		9	0	0					
					34	0	0	42	L	29 70	R	
Toliver E, Clay, 5N, 6-7E												
Cypress, Mis		1943 2510 1955	210 10	2.0 321.5	18	0	0	12				M Mis 3519
Aux Vases, Mis		2740 1967	50		1	0	0		36			
Spar Mt., Mis		2815	140		4	0	0		36			
McClosky, Mis		2840 1943	#		7	0	0		36			
					6	0	0	35	L OL	6 8	MC	
Toliver S, Clay, 4N, 6E												
Aux Vases, Mis		1953 2765 1953	80 20	0.6 61.5	4	0	0	1				M Mis 2915
McClosky, Mis		2875 1956	60		1	0	0		36			
					3	0	0	34	S L	0 5	MC MC	
				ABD 1964, REV 1983, ABD & REV 85								
*Tonti, Marion, 2-3N, 2E												
Benoist, Mis		1939 1930 1939	750 140	49.3 14746.6	116	5	0	71				Ord 4900
Aux Vases, Mis		2005 1939	180		18	0	0		36	S	20	D
Spar Mt., Mis		2125	730		26	0	0		37	S	30	D
McClosky, Mis		2130 1939	#		16	0	0			LS	12	D
Devonian		3500	80		80	5	0		38 0.21	OL	15	D
					7	0	0	37	D	7	R	
Tovey, Christian, 13N, 3W												
Silurian		1850 1955	10	0.0 ABD 1973	28.0	1	0	0	0 38	L	10	Sil 1881
*Trumbull C, White, 5S, 8-9E												
Pennsylvanian		1944 830 1974	1640 10	24.5 30	4027.6	129	0	0	55			A Mis 4401
Tar Springs, Mis		2528 1962	250			1	0	0		S	12	
Cypress, Mis		2845 1944	460			2	0	0	35	S	5	
Bethel, Mis		2955 1959	70			36	0	0	36	S	10	A
Aux Vases, Mis		3170 1946	540			4	0	0	37	S	9	A
Ohara, Mis		3230	730			44	0	0	36	S	9	A
Spar Mt., Mis		3270 1946	#			20	0	0	36	L	15	AC
McClosky, Mis		3290 1947	#			15	0	0		L	6	AC
St. Louis, Mis		3561 1982	30			23	0	0		L	5	AC
Ullin, Mis		4110 1978	20			3	0	0		L	14	
						2	0	0		L	20	
*Trumbull N, White, 4S, 8E												
Aux Vases, Mis		1961 3325 1961	250 200	35.4 50	249.2	19	0	0	13			Mis 4960
Ohara, Mis		3420 1979	50			14	0	0	36	S	6	
McClosky, Mis		3466 1961	#			1	0	0		L	4	
				ABD 1966, REV 1979		4	0	0	37	OL	16	
Turkey Bend, Perry, 4S, 2W												
Trenton, Ord		3940 1957	50	2.0	73.2	3	0	0	3	39	L	1
*Valier, Franklin, 6S, 2E												
Aux Vases, Mis		1942 2685 1963	120 110	2.2 10	152.6	7	0	0	3			Mis 2900
McClosky, Mis		2715 1942				6	0	0	39	S	7	
				ABD 1945, REV 1963		1	0	0	39	L	12	ML
Vergennes, Jackson, 7S, 2W												
Devonian		3300 1975	310	5.3	99.9	19	0	0	15	39	L	10
											Ord	7094

Table 7 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth (ft)	Area Depth dis- covery in acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test Depth (ft)		
					Com- pleted During 1988	To end of 1988	Re- port- ed end of 1988	An- doned 1988	Sul- fur year	Thick- ness	Rock type				
Virden W, Macoupin, 12N, 7W		1963	70	0.3	3.1	5	0	0	2	38	L	20	Sil	1500	
	Devonian	1361	1963	30		2	0	0			L	10			
	Silurian	1400	1982	40		3	0	0							
				ABD 1971, REV 1982											
Waggoner +, Montgomery, 11N, 5W															
	Pottsville, Penn	610	1940	40	0.0	12.0	8	1	0	2	28	0.21	S	10	
				ABD 1949, REV 59, ABD 60, REV 63, ABD 64, REV 77									Sil	1945	
Wakefield, Jasper, 5N, 9E		1946	40	0.5	3.8	3	0	0	1	38	L	5	Mis	3756	
	Spar Mt., Mis	3100	1946	40		2	0	0							
	McClosky, Mis	3105	1986	10		1	0	0			OL	6			
				ABD 1947, REV 1953, ABD 1954, REV 1986											
Wakefield N, Jasper, 5N, 9E															
	McClosky, Mis	3000	1953	20	0.2	23.4	2	1	0	1	37	L	6	Mis	3204
				ABD 1958, REV 1988											
Wakefield S, Richland, 5N, 9E		1955	100	0.0	7.7	8	0	0	0						
	Spar Mt., Mis	3040	1981	80		1	0	0			S	4	Mis	3807	
	McClosky, Mis	3040	1955	#		5	0	0	37		L	4			
	Salem, Mis	3540	1981	20		2	0	0			L	5			
				ABD 55, REV 69, ABD 74, REV 81, ABD 83											
*Walpole, Hamilton, 6-7S, 6E															
	Tar Springs, Mis	2465	1941	2260	11.1	10658.2	142	1	0	66	S	15	A	Dev 5950	
	Benoist, Mis	2962	1979	110		7	0	0	37		S	8	AL		
	Aux Vases, Mis	3070	1941	2070		1	0	0							
	Chara, Mis	3152	1979	230		122	0	0	37	0.13	S	20	A		
	Spar Mt., Mis	3195	1954	#		1	0	0			L	4	A		
	McClosky, Mis	3162	1960	#		5	0	0			L	7	AC		
	St. Louis, Mis	3544	1960	30		11	0	0	37		OL	7	AC		
	Salem, Mis	4058	1979	40		3	0	0	38		L	8	AC		
	Ullin, Mis	4194	1985	40		4	0	0			L	16			
	Clear Creek, Dev	5314	1984	10		3	1	0			L	4			
				ABD 55, REV 69, ABD 74, REV 81, ABD 83							L	6			
Walpole S, Hamilton, 7S, 6E															
	Aux Vases, Mis	3120	1951	50	0.0	123.3	3	0	0	1	37	S	6	AL	Mis 3362
				ABD 1975, REV 1984											
Waltonville, Jefferson, 3S, 2E															
	Benoist, Mis	2460	1943	70	1.8	153.6	7	0	0	4	38	0.14	A	Dev 4500	
	St. Louis, Mis	2767	1962	50		1	0	0			L	9	A		
	Salem, Mis	3170	1981	10		1	0	0	37		L	14			
	Borden, Mis	3577	1982	10		1	0	0			L	5			
											S	23			
*Wamac, Marion, Clinton, Washington, 1N, 1E, 1W															
	Petro, Penn	720	1921	310	2.7	721.5	121	0	0	3	36	S	20	AF	Ord 4160
	Devonian	3015	1959	10		119	0	0			L	9	DF		
						1	0	0	38		D	6	DF		
Wamac E +, Marion, 1N, 1E															
	Isabel, Penn	845	1952	170	2.1	69.7	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	1.9	1124.6	28	0	0	20	35	S	8		Dev 3050
	Bencist, Mis	1466	1962	130		15	0	0			S	12			
						13	0	0	36						
Wapella E, DeWitt, 21N, 3E															
	Devonian	1108	1962	350	48.5	3532.1	36	0	1	34	31	L	5		Stp 2216
	Silurian	1112	1962	30		3	0	0			D	6	R		
						36	0	1	31						
*Warrenton-Borton, Edgar, Coles, 13-14N, 13-14W															
	Pennsylvanian	200	1906	590	0.0	34.1	58	0	0	3	31	S	20	ML	Trn 2212

Table 7 continued

Pay zone	Year of proved depth (ft)	Area covered in acres	Production (1000 bbls)	Number of wells			Character of oil			Pay zone	Deepest test Depth (ft)
				To end of 1988	Com- pleted to end 1988	Re- port ed 1988	An- droned 1988	Sul- fur 1988	Thick- ness API (%)		
Pool, county location by township and range	Name and age	Depth dis- in (ft)	During of 1988	To end of 1988	Com- pleted to end 1988	Re- port ed 1988	An- droned 1988	Sul- fur 1988	Thick- ness API (%)	Pay zone	Deepest test Depth (ft)
Waterloo, Monroe, 1-2S, 10W	Trenton, Ord	410	1920	890	12.5	326.8	100	3	0	51	0.97
				ABD 1930, REV 1939, CONV.	IN PART TO GAS STORAGE '51			L	50	A	PC
Watson, Effingham, 7N, 5-E										Mis	2647
	Spar Mt., Mis	1957	30	0.1	66.3	3	0	0	0	S	5
	McClosky, Mis	2415 1957	30	#		2	0	0		L	11
		2434 1958		ABD 1986		1	0	0	38		
Watson W, Effingham, 7N, 5E	Aux Vases, Mis	2208	1965	20	0.0	15.4	2	0	0	2	39
									S	12	Mis
Waverly +, Morgan, 13N, 8W	Devonian	1020	1946	20	0.0	0.0	1	0	0	L	10
				ABD, GAS STORAGE IN ST PETER AND GALESVILLE				0	A	Ord	2070
Wayne City, Wayne, 2S, 6E	Salem, Mis	3974	1978	50	0.0	5.3	5	0	0	L	28
								1		Dev	5247
Weaver, Clark, 11N, 10W										R	Dev 2160
	Cole, Mis	1949	570	10.8	2513.2	46	0	0	28	D	
	Devonian	1565 1953	30			1	0	0	30	R	
		2030 1949	540			44	0	0	37	L	
*West Frankfort C, Franklin, 7S, 2-3E										Dev	4869
	Tar Springs, Mis	1941 1941	1880	70.3	8075.5	167	7	0	63	A	
	Aux Vases, Mis	2060 1941	680			75	5	0		A	
	Ohara, Mis	2710 1947	550			42	0	0	38	AL	
	Spar Mt., Mis	2760 1943	860			46	1	0	38	AC	
	McClosky, Mis	2810	#			6	0	0		AC	
	St. Louis, Mis	2825 1947	#			22	0	0	38	AC	
		3161 1980	40			3	1	0		L	2
*West Seminary, Clay, 2N, 7E										Dev	3690
	Aux Vases, Mis	1959	320	0.0	819.9	29	0	0	2	MC	
	Spar Mt., Mis	2972 1959	230			18	0	0	37	MC	
	McClosky, Mis	3059 1959	290			3	0	0		L	
		3068 1959	#			14	0	0	38	OL	12
*Westfield, Clark, Coles, 11-12N, 11E-14W										MC	
	Pennsylvanian	1904	9760	x	x	2173	25	0	569	A	3009
		280	1760			278	0	0	28	D	
	Spar Mt., Mis	348 1984	10			1	0	0		SL	
	Westfield, Mis	335	9870			1722	24	0	32	21	
	Carper	875	700			41	1	0	38	L	
	Devonian	1165 1984	10			1	0	0		S	
	Trenton, Ord	2300	2010			134	1	0	38	5	
				SEE CLARK COUNTY DIV. FOR PRODUCTION				0.18	L	40	D
*Westfield E +, Clark, 11-12N, 14W										ML	795
	Pennsylvanian	400	1947	310	0.1	15.4	45	0	0	S	
Westfield N, Coles, 12N, 14W										ML	611
	Pennsylvanian	1949	20	0.0	0.4	2	0	0	0	Pen	
	Pleasantview, Penn	490 1949	#			1	0	0		10	
		275 1949	20			1	0	0		5	
			ABD 1957								
Whiteash, Williamson, 8S, 2E										Mis	2651
	Aux Vases, Mis	1972	70	0.6	35.4	5	0	0	4		
	Ohara, Mis	2464 1973	60			4	0	0		S	
		2532 1972	20			2	0	0		L	
*Whittington, Franklin, 5S, 3E										Ord	6155
	Hardinsburg, Mis	1939 1948	1590	154.0	4064.1	142	4	0	105	A	
	Cypress, Mis	2310 1948	440			29	0	0	38	10	
	Bethel, Mis	2535	310			21	0	0	35	10	
	Aux Vases, Mis	2612 1961	80			5	0	0	38	4	
	Ohara, Mis	2735	150			16	0	0	38	15	
	Spar Mt., Mis	2835	440			15	0	0	37	10	AC
	McClosky, Mis	2880	#			10	0	0		L	10
		2870 1939	#			9	0	0	38	9	AC

(continued on next page)

Table 7 continued

Pay zone	Year of proved	Area depth dis-	Production (1000 bbls)	Number of wells			Character of oil		Pay zone	Deepest test	
				Completed	Re-	To end	Pro-	Aban-	Sul-	Rock ness	Thick-
by township and range	Name and age	in acres	During 1988	During 1988	of 1988	to port 1988	end of 1988	doned 1988	GR. fur year	API (%)	Struct-
											Depth
*Whittington, Franklin, 5S, 3E											
	St. Louis, Mis	3080 1939	190				16	1	0	38 0.24	L 6 AC
	Salem, Mis	3300 1977	290				25	3	0		L 10
	Ullin, Mis	3560 1977	20				1	0	0		L 7
	Devonian	4900 1981	550				29	0	0		15
(continued from previous page)											
Whittington S, Franklin, 5-6S, 3E											
	Cypress, Mis	2580 1950	120	1.6	498.7		10	0	0	10 35	S 10 A Mis 3904
*Whittington W, Franklin, 5S, 2-3E											
		1943	670	0.0	1571.2		38	0	0	2	
	Benoist, Mis	2615 1949	10				1	0	0	36	S 10 AL
	Renault, Mis	2700 1956	480				21	0	0	37	L 10 A
	Aux Vases, Mis	2700 1944	180				13	0	0	38	S 15 AL
	Ohara, Mis	2800 1943	110				5	0	0		L 5 AC
	Spar Mt., Mis	2780 1947	#				2	0	0		L 4 AC
	McClosky, Mis	2900	#				3	0	0	38	L 6 AC
*Wilberton, Fayette, 5N, 2-3E											
		1959	1100	17.2	1966.6		62	0	0	40	
	Borden, Mis	2628 1963	10				1	0	0	35	S 38
	Carper, Mis	3203 1961	1080				49	0	0	37	S 39
	Lingle, Dev	3466 1959	60				6	0	0	28	S 4
*Williams C, Jefferson, 2-3S, 2E											
		1948	500	3.9	1476.8		47	0	7	22	
	Cypress, Mis	2330 1983	10				1	0	0		S 6 A Dev 4578
	Benoist, Mis	2490 1949	230				17	0	2	39	S 10 AL
	Aux Vases, Mis	2550 1949	410				30	0	5	37	S 5 AL
	McClosky, Mis	2600	20				2	0	0	37	L x AC
*Woburn C, Bond, 6-7N, 2W											
		1940	1490	13.4	4797.1		145	0	0	44	
	Cypress, Mis	865 1950	310				20	0	0	35	S 8 AL
	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	410				26	0	0	39 0.27	L 12 A
*Woodlawn, Jefferson, 2-3S, 1-2E											
		1940	1980	29.6	18696.2		203	0	0	67	
	Tar Springs, Mis	1440	30				3	0	0	35	S x AL
	Cypress, Mis	1800 1943	180				3	0	0	37	S 10 AL
	Benoist, Mis	1960 1940	1910				182	0	0	37 0.16	S 25 A
	Aux Vases, Mis	1975 1945	270				24	0	0	38	S 10 A
	Ohara, Mis	2180 1984	280				1	0	0		L 5
	Spar Mt., Mis	2205 1947	#				17	0	0	38	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	2.5	21.0		3	0	0	3	L 8 Mis 3125
Xenia, Clay, 2N, 5E											
		1941	300	9.1	164.5		22	0	0	17	
	Aux Vases, Mis	2785 1941	10				1	0	0	35 0.19	S 13 A
	Carper, Mis	4230 1962	150				11	0	0	38	S 12
	Devonian	4498 1982	240				12	0	0		L 11
Xenia E, Clay, 2N, 5E											
		1951	300	3.1	969.0		30	0	0	10	
	Cypress, Mis	2500 1951	260				18	0	0	37	S 6 AL
	Benoist, Mis	2710	110				9	0	0		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 A
	McClosky, Mis	2900 1981	10				1	0	0		L 7

Table 7 continued

Pool, county location by township and range	Pay zone	Year of proved depth dis- in Name and age	Area covered acres	Production (1000 bbls)	Number of wells				Character of oil			Pay zone	Deepest test	
					To end of 1988	During of 1988	Completed to end of 1988	Reported to port of 1988	Aban- doned of 1988	Sul- fur year	Thick- ness API (%)	Rock type	Structur- e	Depth (ft)
Yale, Jasper, 8N, 11E				1966 770 18.7 430.7	52	1	0		41				Sil	3637
		Benoist, Mis	1737 1985 10		1	0	0						S	8
		Aux Vases, Mis	1650 1981 40		3	0	0						S	4
		Spar Mt., Mis	2070 1966 730		13	0	0						L	10
		McClosky, Mis	2140 1966 #		38	1	0		37				L	6
*York, Cumberland, Clark, 9-10N, 10-11E, 14W														
	Isabel, Penn	590 1907	410 0.0	0.0	80	0	0		9	31			S	15 AM Dev 2642
*Zeigler, Franklin, 7S, 2E														
	Aux Vases, Mis	2614 1963	370 35.5	2236.8	36	2	0		33	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														
	McClosky, Mis	1948 50 0.0	26.8		5	0	0		0				Mis	3601
	McClosky, Mis	2970 1948 40			4	0	0		38				L	7 AC
	St. Louis, Mis	3088 1969 10			1	0	0						L	6
				ABD 1956, REV 69, ABD 70, REV 73, ABD 80										
*Zenith E, Wayne, 1N, 6E														
	Spar Mt., Mis	1965 320 0.0	548.4		20	0	0		13				Mis	4102
	McClosky, Mis	3170 1965 250			14	0	0		37				L	10
	McClosky, Mis	3200 1981 40			3	0	0						L	4
	St. Louis, Mis	3270 1981 20			1	0	0						L	4
	Salem, Mis	3945 1981 10			2	0	0						L	4
*Zenith N, Wayne, 2N, 6E														
	Spar Mt., Mis	1951 450 21.1	1621.9		35	0	0		19				A	Dev 5000
	McClosky, Mis	3080 1951 290			16	0	0		38				L	6 AC
	McClosky, Mis	3140 1951 #			7	0	0						L	4 AC
	Salem, Mis	3634 1972 250			17	0	0						L	6 AC
Zenith NW, Wayne, 2N, 5E														
	McClosky, Mis	2945 1984 10 0.0	0.0		1	0	0		1				L	11 C Mis 3019
Zenith S, Wayne, 1N, 5E														
	Chara, Mis	1949 310 0.0	766.1		16	0	0		0				M	Mis 3827
	McClosky, Mis	2920 310 1949 #			2	0	0						L	6 MC
				ABD 66, REV 67, ABD 70, REV 82, ABD 85	14	0	0		37				L	7 MC

1988 TOTALS (production in thousands of barrels)

Area proved in acres	727,303
Production during 1988	20,745.4
Production, location unknown	1,730.7
Production to end of 1988	3,362,441
Oil wells completed to end of 1988	80,277
Oil wells reported in 1988	550
Oil wells abandoned in 1988	145
Oil wells producing at end of 1988	32,603

Table 8 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft)	Area in covery acres	Production (Mmcf)	Number of wells					Pay zone	Thick- Rock ness type (ft)	Struct- ture Zone	Deepest test Depth (ft)
					To end of 1988	Com- pleted to end of 1988	Re- port- ed 1988	An- doned of 1988	Pro- ducing end year				
*Brooklyn, Schuyler, 3N, 3W	Silurian	512	1984	10	0.0	0.0	1	0	0	LD	5	Ord	996
*Carlinville, Macoupin, 9N, 7W	Pennsylvanian	365	1909	60	0.0	0.0	6	0	0	S	x	x	Mis 1380
				ABD 1925, REV 1942									
*Carlinville N, Macoupin, 10N, 7W	Pottsville, Penn	440	1941	40	0.0	0.0	1	0	0	S	10	x	Trn 1970
				ABD 1954, REV 1982									
*Carlyle, Clinton, 2N, 3W	Cypress, Mis	1015	1958	20	0.0	x	2	0	0	S	x	AL	Stp 4120
*Casey, Clark, 10-11N, 14W	Casey, Penn	440		x	0.0	x	x	0	0	S	x	AM	Trn 2608
Claremont, Richland, 3N, 14W	Spar Mt., Mis	3200	1950	160	0.0	0.0	1	0	0	L	5	MC	Mis 4065
ABD 1971													
***Cooks Mills C, Coles, Douglas, 13-14N, 7-8E	Cypress, Mis	1941	960	0.0	1895.4	24	0	0	0	S	10	A	Trn 3840
	Aux Vases, Mis	1600	680			14	0	0	0			AC	
	Spar Mt., Mis	1800	40			1	0	0	0			A	
	McClosky, Mis	1765	450			6	0	0	0			AC	
		1844	10			10	0	0	0			L	
Cooperstown, Brown, 1S, 2W	Silurian	516	1977	30	0.0	0.0	30	0	0	L	6	x	Trn 931
Corinth S, Williamson, 9S, 4E	Hardinsburg, Mis	2232	1970	60	0.0	147.4	4	0	0	S	4		Mis 2823
*Dubois C, Washington, 3S, 1-2W	Cypress, Mis	1220	1939	400	0.0	0.0	10	0	0	S	10	AL	Ord 4217
*Dudley, Edgar, 14N, 13W	Pennsylvanian	300	1948	170	0.0	x	5	0	0	S	20	M	Stp 2997
*Dudley West Gas, Edgar, 13N, 13W	Pennsylvanian	380	1953	130	0.0	0.0	4	0	0	S	11	x	Pen 513
*Eagarville E, Macoupin, 8N, 6W	Pennsylvanian	650	1982	x	0.0	0.0	1	0	0	S	x	x	Pen 674
++Eden Gas, Randolph, 5S, 5W	Cypress, Mis	875	1962	1000	0.1	381.8	15	0	0	S	x		Mis 2500
*Eldorado C, Saline, 8S, 6-7E	Pennsylvanian	1941	300	22.2	4037.9	19	0	0	x			A	Mis 4004
	Palestine, Mis	1620	1984	10		1	0	0		S	x	x	
	Waltersburg, Mis	1920	120			3	0	0				AL	
	Tar Springs, Mis	2055	80			2	0	0				AL	
	Hardinsburg, Mis	2225	40			4	0	0				AL	
	Cypress, Mis	2353	1962	120		4	0	0				5	
		2460	80			2	0	0				20	x
*Eldorado E, Saline, Gallatin, 8S, 7-8E	Palestine, Mis	1953	120	3.4	1141.9	10	0	0	1			A	Mis 4183
	Tar Springs, Mis	1900	80			5	0	0		S	30	AL	
	Cypress, Mis	2135	20			5	0	0		S	20	SL	
			10			1	0	0		S			
*Eldorado W, Saline, 8S, 6E	#6 Coal, Penn	390	1978	20	34.3	346.7	2	0	0				Mis 3220
	Palestine, Mis	1923	1960	10			1	0	0	C	x		
Ficklin, Douglas, 16N, 8E	Spar Mt., Mis	1444	1966	40	0.0	0.0	1	0	0	S	20		Cam 5301
Fidelity, Jersey, 8N, 10W	St. Louis, Mis	330	1984	20	0.0	0.0	2	0	0	L	10		Trn 1500

Table 8 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- covery (ft)	Area in acres	Production (Mmcf) During 1988	Number of wells					Pay zone	Deepest test	
					To end of 1988	Com- pleted to 1988	Re- port end of 1988	Aban- doned 1988	Pro- ducing end of year			
Fishhook Gas, Adams, Pike, 3-4S, 4-5W												
	Edgewood, Sil	450	1955	7260	136.5	2468.0	71	0	0	7	L	5
*++Freeburg, St. Clair, 1-2S, 7W												
	Cypress, Mis	380	1956	700	0.0	x	29	0	0	0	S	30
NOW FREEBURG GAS STORAGE PROJECT												
++Gillespie-Benld (Gas), Macoupin, 8N, 6W												
	Pennsylvanian	540	1923	80	0.0	135.8	5	0	0	0	S	x
ABD 1935												
Gillespie W, Macoupin, 8N, 7W												
	Pennsylvanian	525	1958	10	0.0	0.0	1	0	0	0	S	x
ABD 1976												
Grandview-Inclose, Clark, Edgar, 12-13N, 13-14W												
	Pennsylvanian	400	1941	1510	56.9	x	79	7	0	24	S	M
Salem, Mis												
	570	40		1470			78	7	0		ML	ML
*Greenville Gas, Bond, 5N, 3W												
	Lindley, Mis	925	1910	180	0.0	990.0	4	0	0	0	S	x
ABD 1923; REV 1957; ABD 1958												
*Griggsville, Pike, 4S, 3W												
	Silurian	360	1982	600	0.0	227.2	35	2	0	15	L	20
ABD (OIL) 1986												
*Hanco, Harco E, Harco S, Saline, 8S, 5E												
	Mississippian	360	1954	x	0.0	2646.0	10	0	0	4		Mis
4440												
*Harrisburg, Saline, 8S, 6E												
	Tar Springs, Mis	2085	1952	160	0.0	93.2	1	0	0	0	S	6
x Mis 2967												
*Herald C, White, Gallatin, 6-8S, 9-10E												
	Anvil Rock, Pen	700	1939	1080	0.0	x	19	0	0	0	S	A
Pennsylvanian 1750 360 25 Dev 5285												
	Waltersburg, Mis	2240		120			3	0	0		S	18
Pennsylvanian 2315 480 10 AL												
*Hornsby NW, Macoupin, 9N, 6W												
	Pennsylvanian	600	1982	150	0.0	0.0	8	0	0	1	S	15
Pen 666												
*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	0.0	x	45	0	0	0	LS	5
ML Ord 1390												
*Johnston 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
Mis 778												
*Keenville, Wayne, 1S, 5E												
	Salem, Mis	3620	1978	x	170.4	1819.8	x	0	0	x	L	8
x Dev 5050												
*Lawrence, Lawrence, Crawford, 2-5N, 11-13W												
	Spar Mt., Mis	2092	1975	20	0.0	0.0	2	0	0	0	S	4
A A Cam 9261												
	McClosky, Mis	2050	1986	10			1	0	0		L	10
A A A												
Littleton S, Schuyler, 3N, 2W												
	Silurian	608	1984	20	0.0	0.0	2	0	0	2	L	18
MU Ord 840												
*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												

Table 8 continued

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covery	Area in acres	Production (Mmcf)	Number of wells						Pay zone	Deepest test	
					To end During 1988	Com- pleted to end of 1988	Re- port- ed 1988	An- Aban- doned 1988	Pro- duc- ing 1988	end year			
*++Louden, Fayette, Effingham, 6-9N, 2-4E													
Burtschi, Penn	1906	1780	x	x	16	0	0	0	15		S	20	A
Tar Springs, Mis	1000	320		5	0	0					S	2	AL
Devonian	1170	1440		9	0	0					L	12	
	3150	30		3	0	0							
PRODUCTION HELD CONFIDENTIAL AT OPERATORS REQUEST													
Macoupin Station, Macoupin, 9N-8W													
Pennsylvanian	337	1985	10	0.0	0.0	1	0	0	1		S	18	Pen
*Main C +, Crawford, Lawrence, Jasper, 5-8N, 10-14W													
Robinson, Penn	1906	x	0.0	x	x	1	0	x			S	40	ML
Hardinsburg, Mis	1000	x			x	1	0	0			S	6	ML
Cypress, Mis	1075	160			1	0	0						
Benoist, Mis	1425	320			2	0	0						
Renault, Mis	1500	x			1	0	0				S	9	
Aux Vases, Mis	1570	1980	10		1	0	0				S	8	ML
	1527	70			9	0	0						
*Marion E, Williamson, 9S, 3E													
Aux Vases, Mis	2406	1966	40	0.0	0.0	1	0	0	0		S	4	x Mis
*Marissa W, St. Clair, Randolph, 3-4S, 7W													
Cypress, Mis	241	1960	60	0.0	x	7	0	0	0		S	25	Ord
*Mattoon, Coles, 11-12N, 7-8E													
Devonian	3124	1948	1160	x 10576.4	38	0	0	15			L	4	A Shk
CUMULATIVE THROUGH 1986. PRODUCTON HELD CONFIDENTIAL AT OPERATORS REQUEST SINCE 1987.													
Mt. Olive +, Montgomery, 8N, 5W											S	6	A Sil
Pottsville, Penn	605	1942	100	0.0	x	4	0	0	0				1878
New Athens, St. Clair, 2S, 7W													
Cypress, Mis	250	1961	250	14.4	576.4	10	0	0	3		S	13	Mis
*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
*New Hebron E, Crawford, 6N, 12W													
Robinson, Penn	866	1968	30	0.0	0.0	3	0	0	0		S	x	Mis
*Old Ripley, Bond, 5N, 4W													
Cypress, Mis	785	1981	10	0.0	0.0	1	0	0	0		S	8	Ord
*Omaha, Gallatin, 7-8S, 8E													
Penn (Gas)	1940	130	0.0	221.4	6	1	0	1			D	15	Dev
Palestine, Mis	595	1988	10		1	1	0				S	15	D
Tar Springs, Mis	1865	1973	20		2	0	0				S	15	D
	1900	1940	120		3	0	0						
*Panama, Bond, Montgomery, 7N, 3-4W													
Pennsylvanian	1940	300	0.0	x	9	2	0	2			S	30	A
Golconda, Mis	575	180			6	2	0				S	13	A
Benoist, Mis	701	10			1	1	0				S	12	A
	865	120			3	0	0						
*Phillipstown C, White, Edwards, 3-5S, 10-11E, 14W													
Bethel, Mis	1939	10	0.0	0.0	1	0	0	0			S	x	Dev
Pittsburg, Williamson, 8S, 3E													
Tar Springs, Mis	1920	1962	40	0.2	200.3	4	0	0	2		S	12	x Mis
*Pittsburg N, Williamson, 8S, 3E													
Hardinsburg, Mis	2151	1962	20	0.0	10.0	2	0	0	0		S	6	Mis
Pittfield, Pike, 5S, 4-5W													
Niagran, Sil	265	1886	8960	0.0	x	68	0	0	0		L	10	A PC
*Plainview, Macoupin, 8N, 8W													
Pennsylvanian	441	1961	380	0.0	0.0	25	2	0	25		S	20	x Dev
*Plainview S, Macoupin, 8N, 8W													
Pennsylvanian	450	1984	40	0.0	0.0	5	0	0	0		S	11	x Pen
*Prentice, Morgan, 16N, 8W													
Pennsylvanian	260	1953	350	505.6	x	12	5	0	5		S	15	x Ord
1513													

Table 8 *continued*

Pool, county location by township and range	Pay zone	Year of proved depth (ft)	Area dis- in cover- age (acres)	Production (Mmcf)	Number of wells					Pay zone	Deepest test Rock ness Struc- ture type	Depth (ft)	
					To end of 1988	Com- pleted to end 1988	Re- port- ed 1988	Aban- doned 1988	Pro- duc- ing year				
*Raleigh, Saline, 7-8S, 5-6E													
Waltersburg, Mis	1962	60	0.0	585.5	3	0	0	0		S	7	x	Dev 5511
Aux Vases, Mis	2307	1962	50		2	0	0			S	10	x	
	2988	1983	10		1	0	0						
*Raleigh S, Saline, 8S, 5-6E										S	5		Mis 4400
Waltersburg, Mis	2014	1955	160	57.9	x	19	0	0	17				
				(INCLUDES GAS PRODUCTION FROM 10 OIL WELLS)									
*Raymond E, Montgomery, 10N, 4W										S	3		Mis 1008
Pennsylvanian	604	1983	20	0.0	0.0	2	0	0	0				
Redmon N, Edgar, 14N, 13W										S	3		Mis 450
Pennsylvanian	365	1955	50	0.0	0.0	2	0	0	0				
++Richwood, Crawford, 6N, 11W										S	9		Pen 1001
Pennsylvanian	612	1959	160	0.0	28.6	4	0	0	0				
Ripley N, Schuyler, 1N, 2W										L	6		Sil 700
Silurian	1988	595	10	0.0	0.0	1	1	0	1				
*Roland C, Gallatin, 7S, 8E										S	19	AL	Dev 5271
Waltersburg, Mis	2150	1940	160	0.0	0.0	1	0	0	0				
*Rushville, Schuyler, 2N, 1W										L			Trn 975
Silurian	1986	10	2.0	2.0		1	0	0	1				
Rushville NW, Schuyler, 2N, 2W										L	6		Ord 755
Silurian	576	1986	110	0.0	0.0	6	0	0	6				
*Russelville, Lawrence, 4-5N, 10-11W										S	15	A	Dev 3133
Bridgeport, Penn	1937	1810	0.0	7081.6	61	0	0	0		S	12	AL	
Buchanan, Penn	760	x			19	0	0						
	100	x			42	0	0						
		ABD 1949											
*St. Jacob E, Madison, 3N, 6W										S	8		Ord 2600
Hardin, Dev	1840	1980	10	0.0	29.7	1	0	0	1				
St. Libory, St. Clair, 1S, 6W										R		Sil	1997
Cypress, Mis	1964	280	20.6	615.0	8	0	0	3		S	11	Rd	
Benoist, Mis	622	1965	40		1	0	0			S	22	Rd	
Aux Vases, Mis	754	1964	40		1	0	0			S	10	Rd	
Silurian	825	1964	160		4	0	0			L		R	
		160			4	0	0						
*Siloam, Brown, 2S, 4W										L	3		Sil 726
Silurian	658	1983	10	0.0	0.0	1	0	0	1				
Spanish Needle Creek, Macoupin, 9N, 7W										S	x	D	Trn 2070
Pennsylvanian	305	1915	80	0.0	14.4	7	0	0	0				
		ABD 1934											
*Sparta, Randolph, 4-5S, 5-6W										S	7	D	Trn 3130
Cypress, Mis	850	1888	160	0.0	x	18	0	0	0				
		ABD 1900											
*Staunton, Macoupin, 7N, 7W										S	x	A	Ord 2371
Pennsylvanian	460	1916	430	0.0	1050.0	19	0	0	1				
		ABD 1919, REV 1987											
*Stiritz, Williamson, 8S, 2E										S	14		Dev 4669
Tar Springs, Mis	1951	1971	10	0.0	68.1	1	0	0	0				
Stolletown, Clinton, 3N, 3W													
Pennsylvanian	1973	90	75.6	664.6	6	0	0	x					Dev 4669
Cypress, Mis	1983	10			1	0	0						
	970	1973	80		5	0	0						
*Storms C, White, 5-6S, 9-10E										S	40	A	Dev 5308
Pennsylvanian	1939	440	0.0	0.0	9	0	0	0		S	15	AF	
	1090	170			2	0	0						
Waltersburg, Mis	2230	280			7	0	0						

Table 8 *continued*

Pool, county location by township and range	Pay zone Name and age	Year of proved depth dis- (ft) covery	Area in acres	Production (Mmcf)	Number of wells					Pay zone	Deepest test	
					To end of 1988	During 1988	Com- pleted to port- end of 1988	Re- turn 1988	An- droned 1988	Pro- ducing year		
*Stubblefield S, Bond, 4N, 4W												
Pennsylvanian	590	1971	280	0.0	419.8	14	6	0	0	x	S	Dev 2455
Cypress, Mis	920	1962	60	220		8	0	0	0		x	x
*Sumner S, Lawrence, 3N, 13W												
Aux Vases, Mis	2566	1959	40	0.0	0.0	2	0	0	0		S	Mis 3100
*Tamaroa, Perry, 4S, 1W												
Cypress, Mis	1120	1942	20	0.0	0.0	2	0	0	0		S	Trn 4287
++Tilden N, Washington, St. Clair, 3S, 5-6W												
Cypress, Mis	780	1961	x	0.0	x	0	0	0	0		S	Ord 2810
Time, Pike, 6S, 3W												
Silurian	336	1984	50	0.0	0.0	5	0	0	5		L	Ord 450
*Waggoner, Montgomery, 11N, 5W												
Pottsville, Penn	523	1959	50	0.0	138.9	4	3	0	4		S	Sil 1945
*++Wamac E, Marion, 1N, 1E												
Petro, Penn	856	1958	90	0.0	x	9	0	0	0		S	Dev 3405
*++Waverly, Morgan, 13N, 18W												
Pennsylvanian	250	1946	900	0.0	0.0	8	0	0	0		S	Ord 2070
Devonian	1000		160			1	0	0			AL	
Trenton, Ord	1513	1963	700			6	0	0			A	
			40			1	0	0			L	
												x
*Westfield E, Clark, 12N, 14W												
Pennsylvanian	400	1947	60	0.0	0.0	3	0	0	0		S	NL Mis 795
Woodburn N, Macoupin, 7N, 8W												
Pennsylvanian	381	1986	10	0.0	0.0	1	0	0	1		S	Mis 582
Totals for Illinois (estimated)				40,130	43,876.6	1062	23	0	270			
				1,337.8								