

# Annual Report of Production 2008

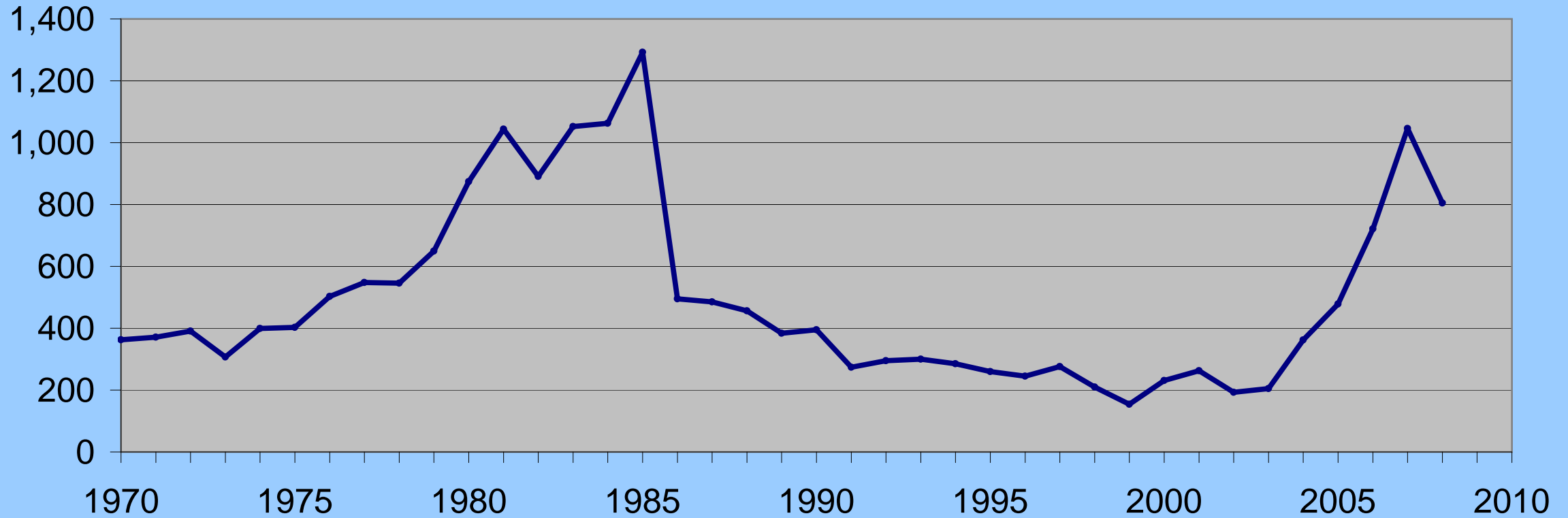
Arkansas Oil and Gas Commission  
Lawrence E. Bengal, Director

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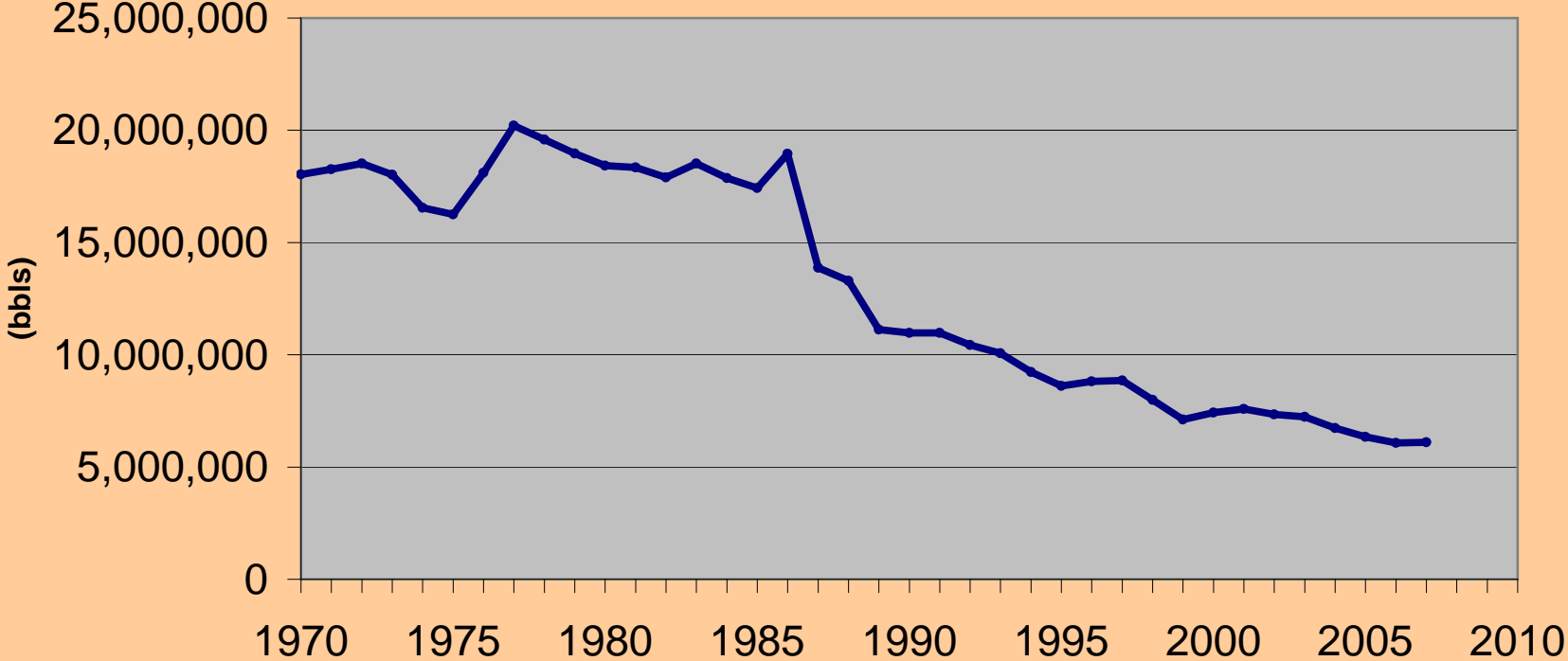
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# Informational Graphs

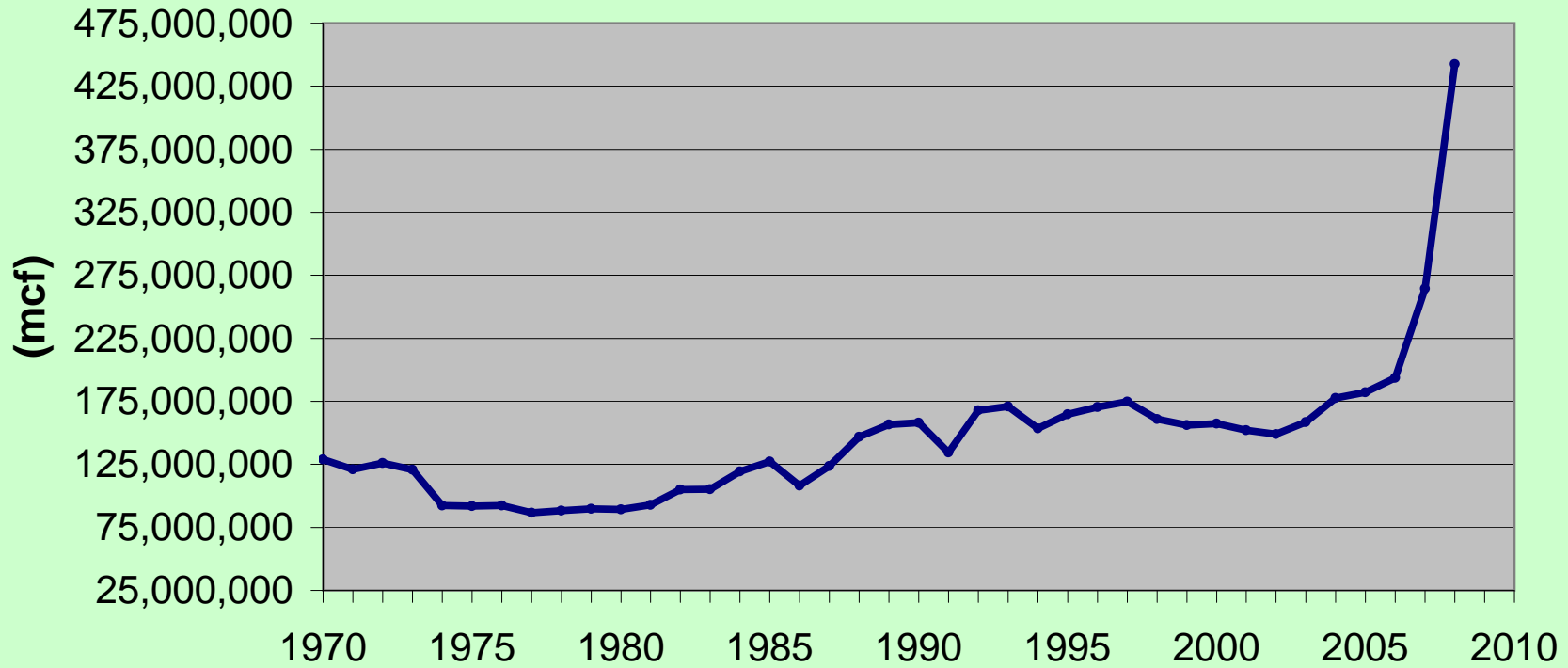
## Annual Drilling Permits Issued



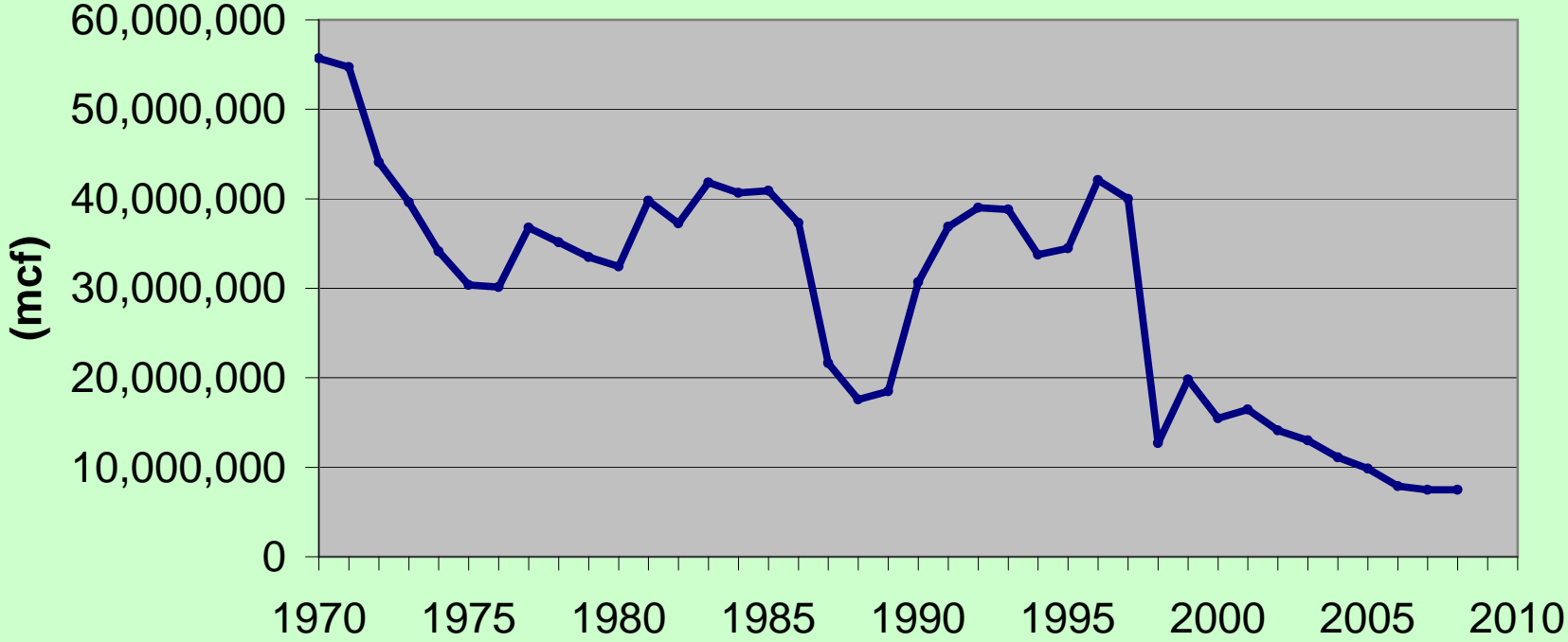
# Annual Oil Production



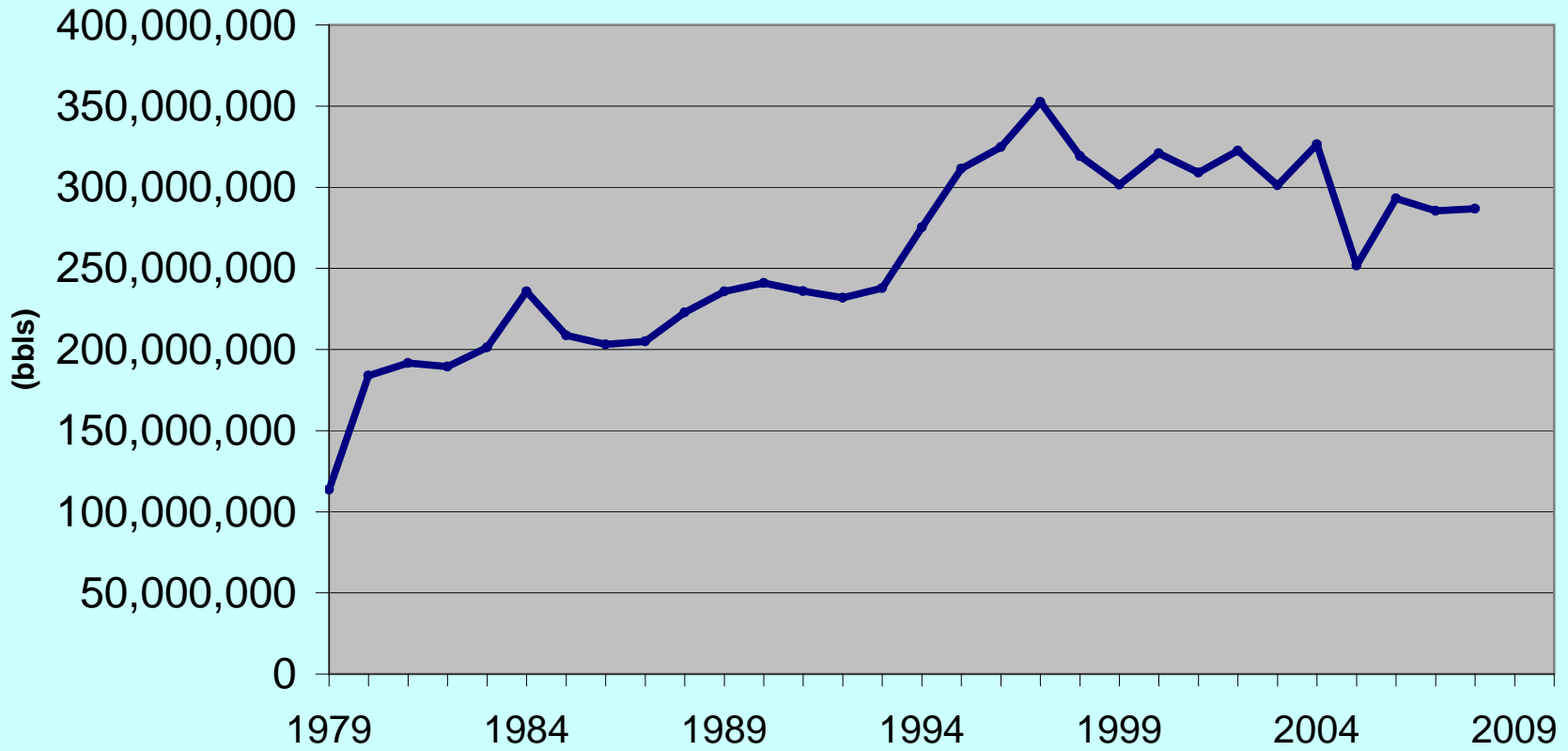
# Annual North Arkansas Gas Production



# Annual South Arkansas Gas Production



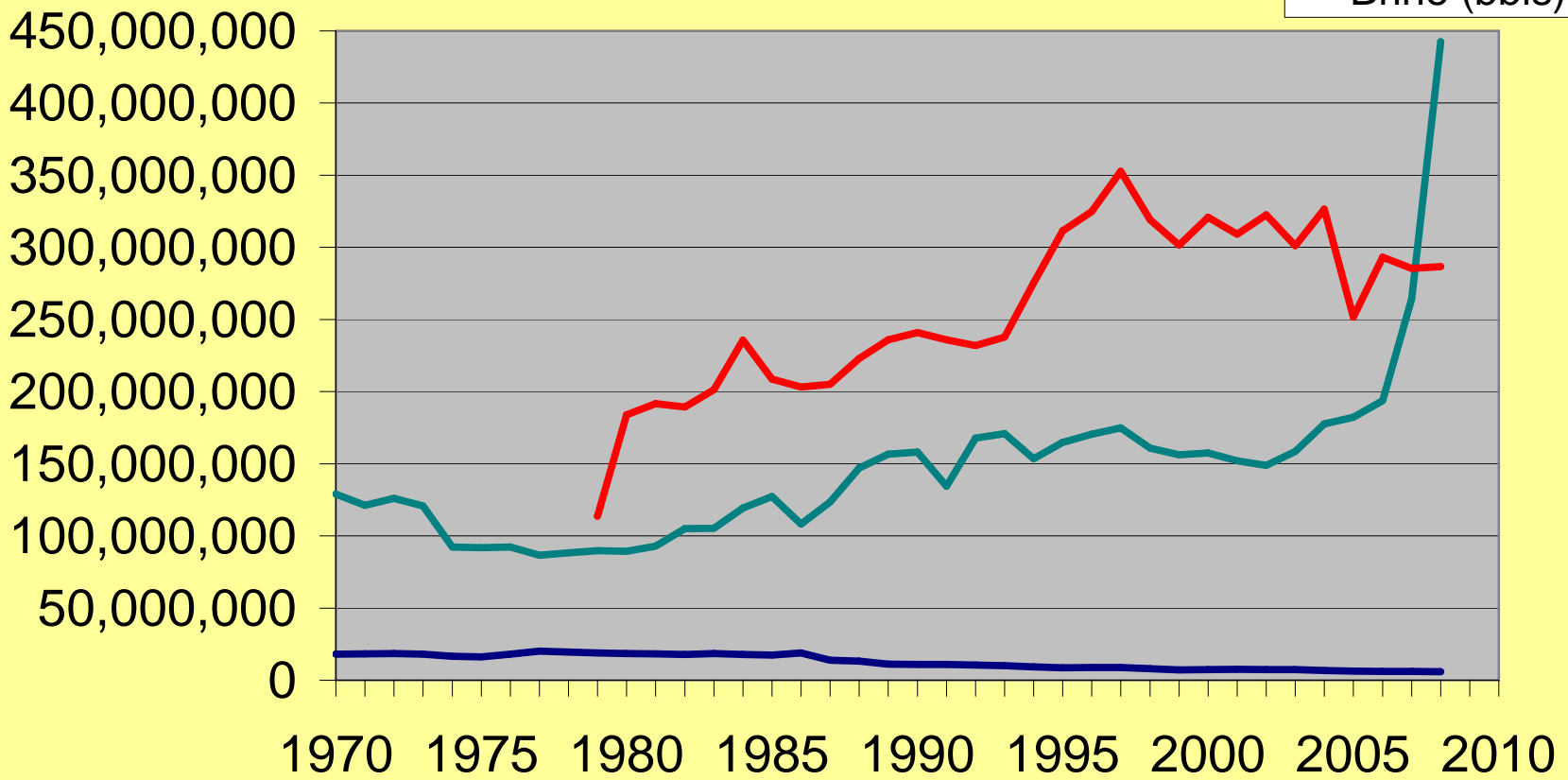
# Annual Brine Production





# Total Oil, Brine, Gas Production

- Oil (bbls)
- Gas (mcf)
- Brine (bbls)



# Report of Secondary Recovery Projects

**PRESSURE MAINTENANCE AND SECONDARY RECOVERY AND UNITIZED PROJECTS IN SOUTH ARKANSAS**

FIELD/ RESERVOIR	YEAR DISCOVERED	DATE UNITIZED	ORDER NUMBER	DATE OF INJECTION	FLUID INJECTED	ACRES	PAY THICKNESS ft.	POROSITY %	PERME- ABILITY md.	CONNATE WATER %	OIL IN PLACE MBbls.	RECOVERY		ANNUAL OIL Bbls.	ANNUAL GAS MCF	CUMMULATIVE OIL Bbls.	CUMULATIVE GAS MCF	
												PRIMARY %	SECONDARY %					
BODCAW Kilpatrick	Nevada	1950	9-1-74	40-74		Water	410	13.0	20.0	150	38	3,809	27	30	2,213		235,699	
BUCKNER Smackover	Columbia & Lafayette	1997	6-1-97	24-97			2160								33,576		622,569	
BUENA VISTA Buckrange	Ouachita	1952	6-1-64	24-64	6-23-64	Water	400	5.0	34.1	331	35	1,532	21	45			1,245	
CAMP CREEK Blossom	Union	1959	11-7-62	45-62	1-5-63	Water	440	4.0	27.0		31	2,313	25	35			54,963	61
CATESVILLE Cotton Valley & Jones Smackover	Union Union	1950 1950	8-1-56 8-1-56	22-56 22-56		None None	1505 435	5.0 6.0	27.0 24.0		50 34	9,719 2,096	20 25	25 35	3,102		1,538,643 588,952	231,084
CHALYBEAT SPRINGS Smackover	Columbia	1972	11-24-75	57-75		Gas	6144	43.0	14.0	156	30	133,681	22	37	2,483	135,199	3,429,694	35,389,044
CHAMPAGNOLLE LANDING Baker	Union	1958	9-1-75	45-75		Water	1120	7.0	31.0	2,661	35	7,786	23	40	12,710		949,496	
CHARIVARI CREEK Nacatoch	Bradley	1964	5-1-84	139-84	10-1-84	Water	549	15.2	32.0	222	50	5,894	8	12	14,008		458,932	
CHRISTMAS 1st Sturgis	Miller	1957	2-1-67	3-67	2-1-67	Water	410	8.5	24.8	659	39	2,200	10	19			301,100	
DAYS CREEK Smackover	Miller	1973	2-1-79	5-79	8-1-79	Water	720	72.0	20.0		20	15	34	44	13,860	8	4,187,410	2,894,715
DORCHEAT-MACEDONIA Cotton Valley	Columbia	1939	4-6-43	3-43		None	1120	60.3	15.0	100	30	57,000			35,645	136,277	1,777,600	8,455,101
FOUKE Beauford 1st Tokio 1st Sturgis Sand 1st Sturgis-C Nesbitt "A" 1st Stur. SUSW PSU STURGIS "C"	Miller Miller	1940 1955	4-1-65 12-1-72	13-65 53-72	4-27-65	Water Water	520 340	15.0 10.0	25.6 34.5	1,194 244	18 37	4,800 2,282	22 26	32 37	5,296 1,280 635		1,055,104 214,826 15,789	
FOUKE N. Tuscaloosa	Miller	1951	7-11-63	33-63	10-2-63	Water	160	4.0	31.1	568	46	587	21	41			535,478	
GRAYSON Smackover	Columbia	1993	7-1-95	41-95	10-25-95	Gas & Water	1240	100	19.0	400	34	34,066	25	45	497,163	783,980	13,289,031	9,457,850
HAYNESVILLE Pettet Smackover "B"	Columbia Columbia	1942 1959	5-1-44 12-1-64	7-44 68-64	7-1-46	Water Gas	3426 112	9.4 5.0	18.0 12.9	0-50 152	22 23	26,375 27	28 19	28 42	- 27		6,049,521 32,158	441,492
HORSEHEAD Pettet	Columbia	1952	4-1-57	17-57	12-26-57	Water	2919	7.5	18.0	0-50	22	17,828	24	35	822		2,307,159	
IRMA Nacatoch	Nevada	1921	6-1-67	42-67	7-21-67	Water & Steam	1840	13.0	40.0	300	33	51,500			27,646		1,375,321	
KELLY BAYOU Jeter	Miller	1962	11-21-63	56-63	12-1-64 5-22-64	Gas & Water	4320	8.0	22.0	100	29	29,307	24	35			4,451,837	6,182,302
KERLIN Pettet	Columbia	1972	12-31-82	224-82	5-1-83	Water	5120	4.0	14.8	22	29	9,648	17	27	33,106		2,162,531	
KIBLAH Gloyd																	14,940	
KRESS CITY Ford	Lafayette	1957	11-1-80	134-80	1-1-81	Water	1590	3.8	12.0	48	15	2,000	24	35	2,614		265,009	124,721

**PRESSURE MAINTENANCE AND SECONDARY RECOVERY AND UNITIZED PROJECTS IN SOUTH ARKANSAS**

FIELD/ RESERVOIR	COUNTY	YEAR DISCOVERED	DATE UNITIZED	ORDER NUMBER	DATE OF INJECTION	FLUID INJECTED	ACRES	PAY THICKNESS ft.	POROSITY %	PERME- ABILITY md.	CONNATE WATER %	OIL IN PLACE MBbls.	RECOVERY		ANNUAL OIL Bbls.	ANNUAL GAS MCF	CUMMULATIVE OIL Bbls.	CUMULATIVE GAS MCF
													PRIMARY %	SECONDARY %				
LAKE ERLING Smackover																	41,419	1,118,320
LAKE ERLING SOUTH Smackover	Lafayette	1985	12-1-92	85-92	8-1-93	Gas	1600	124.0	9.0		22	5,362	22.2	21	2,324	37,257	779,072	11,672,546
LAPILE Cotton Valley	Union	1989	8-1-89	57-89	8-1-90	Water	285	5.3	23.6	51	40	1,521	35	45	2,490		213,953	
LEWISVILLE Lime	Lafayette	1969	5-1-75	21-75	8-1-75	Gas & Water	458	140.0	24.0	44	30	18,130	25	39	52,929	67,935	4,547,203	9,161,993
Lewisville Old Town Tuscaloosa																	916	
LEWISVILLE W. Smackover	Lafayette	1971	9-1-86	145-86	9-1-86	Water	160	25.0	29.6	16	11	6,040	17	32	6,504	2,536	446,726	181,475
LICK CREEK Meakin	Union Bradley	1957	1-1-75	62-74	2-1-76	CO <sub>2</sub>	1533	12.0	33.0	1,200	32	23	18	22			2,536,665	
LISBON N.W. Blossom	Union	1957	12-1-64	69-64	1-1-63	Water	500	9.0	27.00	526	31	7,332	25	35	16,819		1,441,671	
MAGNOLIA Smackover	Columbia	1938	4-1-56	7-56	8-21-64 1-31-45	Gas Water	4494	106.0	16.5	1,085	30	288,200	49	60	213,099	324,396	86,993,218	28,318,656
MAYTON Paluxy	Miller	1967	1-27-71	9-71	7-1-62	Water Gas	220	12.0	26.0		35	1,762	9	20	941		256,049	
MIDWAY Smackover	Lafayette	1942	2-1-56	1-56	4-1-43	Water	2520	62.8	26.0	150	20	150,001	40	50	93,931	49,773	49,198,373	24,097,842
MIDWAY WEST Smackover	Lafayette	1953	1-18-61	5-61	2-15-61	Water	240	27.5	25.4	10	28	8,327	15	27	2,975		2,419,613	
MCKAMIE-PATTON Smackover	Lafayette	1940	12-1-48	33-48	8-1-49	Gas	6580	122.0	15.0	459	36	31,878	24 O 60 C	36 73	28,802	182,281	32,776,687	585,815,357
James Lime	Lafayette	1982	12-1-82	229-82	4-1-85	Water	3988	4.3	15.0	30	30	7,490	20	31	15,948		1,032,087	73,660
PLAINFIELD Cotton Valley	Columbia		7-1-2004	47-2004-05			1122	11.4	13.0	20		2,258	24	39	3,845		23,862	611
RED ROCK Pettet	Columbia	1975	7-1-85	188-85	1-1-86	Water	1336	5.1	15.5	14	24	5,433	24	37			173,230	
RITCHIE Baker	Union	1963	12-18-68	65-68	1-12-69 5-1-70	CO <sub>2</sub> Water	550	7.0	30.7	2,754	20	3,250	14	30	1,144		786,262	
RODESSA Gloyd	Miller	1937	6-1-88	37-88			1594	15	20	79	26	19,400	25	36	26,703		608,184	
SANDY BEND Nacatoch	Union	1947	6-1-67	33-67		None	1000	5.0	25.0		50	25,000	11	17	7,892		1,206,697	
SHULER Hill															7,174		142,157	6
Pettet				1-42											44,431		1,112,197	23,312
C.V.				1-42											47,322	24	6,480,340	217,614
Jones	Union	1937	2-15-41	6-41	6-1-44	Water	4216	33.4	20.2	355	30	101,471	36	70	87,817	2,436	64,406,969	175,199,543
SMACKOVER Nacatoch - (T.C. Murphy)	Union	1922	5-21-69	22-69	9-1-69	Steam	40	110.0	20.0	2,000	25	4,814	20	25	7,655		446,004	
Nacatoch-STRU	Union	1922	8-1-69	30-69	12-1-69	In situ comb.	160	54.0	20.0	2,000	25	9,452	20	27	5,101		452,876	
					9-1-72	Water												
Nacatoch-985	Ouachita	1922	9-16-70	49-70	3-3-71	Steam	985	34.0	36.0	2,000	30	61,199			116,452		12,465,613	
Meakin-NAC O.	Ouachita	1923	7-28-71	40-71	10-3-71	Water	130	13.0	30.0		35	2,131	15	30	1,981		104,051	
Meakin-Wells	Ouachita	1923	2-1-73	5-73	4-9-71	Water	660	13.0	30.0		35	10,819	15	30			350,305	
SPRINGHILL Pettet	Lafayette		9-1-2004	102-2004-08			1145								74,249	59,457	427,785	928,018

**PRESSURE MAINTENANCE AND SECONDARY RECOVERY AND UNITIZED PROJECTS IN SOUTH ARKANSAS**

FIELD/ RESERVOIR	COUNTY	YEAR DISCOVERED	DATE UNITIZED	ORDER NUMBER	DATE OF INJECTION	FLUID INJECTED	ACRES	PAY THICKNESS ft.	POROSITY %	PERME- ABILITY md.	CONNATE WATER %	OIL IN PLACE MBbls.	RECOVERY		ANNUAL OIL Bbls.	ANNUAL GAS MCF	CUMMULATIVE OIL Bbls.	CUMULATIVE GAS MCF	
													PRIMARY %	SECONDARY %					
STAMPS																			
Paluxy	Lafayette	1958	3-1-72	4-72	3-1-72	Water	149	10.6	25.0	208	35	638	35	45				71,178	
STATELINE																			
Smackover	Union	1990	4-1-93	21-93			1048	8	20	90	20	1,559	62	66	3,377			86,162	
STEPHENS																			
Buckrange-																			
Milam	Columbia	1922	1-27-60	8-60	6-1-60	Water	480	5.0	30.6	92	43	3,082	31	53				214,698	
Buckrange-																			
Sherry	Ouachita &																		
	Columbia	1922	12-1-65	76-65	3-19-65	Water	2865	6.0	30.6	92	43	21,144	31	53				44,165	
Buckrange I	Ouachita &																		
	Columbia	1922	8-1-57	38-57	1957	Water	940	7.0	30.6	92	43	8,449	31	53				903,022	
Buckrange II	Ouachita &																		
	Columbia	1922	5-14-63	24-63	6-1-63	Water	2390	7.0	30.6	92	43	21,481	31	53				2,832,221	
Buckrange III	Ouachita &																		
	Columbia	1922	11-1-65	72-65	11-3-65	Water	950	6.0	30.6	92	43	7,011	31	53				1,006,381	
Buckrange-																			
Murphy	Columbia	1922	10-18-62	37-62	11-62	Water	210	6.0	30.6	92	43	1,554	31	53				546,556	
Buckrange-																			
R.E. Williams	Columbia	1922	4-1-66	13-66	6-1-67	Water	360	5.6	30.6	92	43	590	31	53				156,382	
Buckrange-																			
Witt	Ouachita	1922	1-23-62	7-63	4-63	Water	530	7.0	30.6	92	43	4,764	31	53				620,540	
Buckrange																		25,588	
Miller Prod/Buckrange																3,188		10,120	
Buckrange-																			
Wepfer	Columbia	1922	10-1-69	59-69		Water	200	6.0	30.6	92	43	540	31	53	619			68,830	
Buckrange-																			
Hall	Columbia &																		
	Nevada	1922	3-1-64	4-64	7-1-64	Water	317	4.0	30.6	92	43	1,628	31	53				69,822	
Hogg	Ouachita	1949	3-1-50	8-50	5-12-50	Water	510	15.4	28.0	2,970	30	7,759	23	60	11,066			530,359	
ST. MARY																			
Hill	Lafayette	1979	9-1-88	82-88	9-1-88	Water	240	4.7	25	43	17	692	48	55	2,592			97,993	
ST. MARY WEST																			
Cotton Valley															8,947	1,973		53,531	15,183
Texarkana																			
Pettet	Miller			40-98			320	9.0	14.4	20	48	562	28	52	7,053			94,302	
TROY																			
Nacatoch	Nevada	1936	7-1-67	49-67	1968 7-1-67	Water Steam	997	13.2	40.0	3,000	33	27,250	11	25	17,595			886,654	
Tokio	Nevada	1936	7-1-67	50-67		In Situ Comb.	542	13.0	32.0	1,000	36	10,100	50	53	6,350			791,142	
Blossom	Nevada	1956	4-17-63	13-63	12-1-63	Water	570	6.0	30.0E		35	1,895	30	41	2,169			707,126	
URBANA																			
Travis Peak	Union	1951	12-1-58	46-58	12-10-58	Water	180	5.6	28.0	424	35	1,186	16	33				353,297	997
Sand Unit (3500)																		22,350	
WALKER CREEK																			
Smackover	Columbia &																		
	Lafayette	1968	5-1-74	20-74		Gas	14,840	50.0	11.2	219	27	237,120	19	38	37,322	284,206		29,943,470	167,367,203
WALNUT HILL																			
Mitchell	Lafayette	1957	3-1-90	20-90	4-1-90	Water	1,000	3.7	19.0	104	25	1,318	28	44	1,667			270,043	26,941
WESGUM																			
Smackover	Ouachita	1971	4-1-75	10-75		Gas & Water	130	10.0	15.0		30	2,394	25	40	7,133	360		1,041,624	52,587

**PRESSURE MAINTENANCE AND SECONDARY RECOVERY AND UNITIZED PROJECTS IN SOUTH ARKANSAS**

FIELD/ RESERVOIR	COUNTY	YEAR DISCOVERED	DATE UNITIZED	ORDER NUMBER	DATE OF INJECTION	FLUID INJECTED	ACRES	PAY		PERME- ABILITY	CONNATE WATER	OIL IN PLACE	RECOVERY		PRODUCTION		CUMMULATIVE OIL Bbls.	CUMULATIVE GAS MCF	
								THICKNESS ft.	POROSITY %				PRIMARY %	SECONDARY %	ANNUAL OIL Bbls.	ANNUAL GAS MCF			
WESSON																			
Buckrange & Blossom	Ouachita	1947	1-24-68	8-68	6-20-68	Water	880	55.0	4.3		40	7,394	30	53	204			693,749	
Buckrange	Ouachita	1947	1-24-68	67-67		Water	463	3.5	26.0	92	43	1,693	31	53				163,013	
Glen Rose	Ouachita	1945	8-1-66	46-66	4-18-66	Water	80	30.0	28.7	754	30	2,878	26	36				208,349	
Hogg (3150)	Ouachita	1946	7-1-48	21-48	9-1-48	Water	1,542	19.3	32.0	2,772	11	63,320	22	52	59,216	2,593		39,874,323	34,005
Smackover	Ouachita	1967	4-8-70	12-70		Water	600	38.0	28.0	5	30	7,473	35	52	31,546			3,788,460	
WESSON N.																			
Buckrange & Blossom	Ouachita	1966	2-1-69	7-69	5-1-69	Water	440	7.0	30.5		42	3,067	25	41	-			231,168	
WILLISVILLE								5.0											
Nacatoch	Nevada	1951	9-1-69	51-69	11-5-69	Water	282	30.0	35.0	2,000	40	4,300	4	8	10,164			628,049	
WILLISVILLE W. Hogg	Nevada	1973	10-1-75	44-75	10-1-75	Water	100	8.0	32.0	800	30	1,537	30	45				131,067	
<b>TOTAL</b>															<b>1,777,614</b>	<b>2,125,684</b>	<b>407,525,184</b>	<b>1,067,482,239</b>	

# South Arkansas Production Data

**SOUTH ARKANSAS RESERVOIR DATA**

See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONE	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
AGNES ROAD Union	Smackover	6,690	1985	1995	37			23,308
AGNES ROAD NORTH Union	Cotton Valley	6,800	1989		45			33,358
ARKANA Lafayette	Buckrange	2,730	1993		27			7,418
	Tokio	2,986	1984		32	489		120,778
	Pettet	6,250	1983		41			64,625
	Cotton Valley	8,676	1981		48	-	261	70,540
	Haynesville	10,880	1983		52	2,776	70,680	11,900
	Smackover	11,316	1992		42	1,557		74,251
ARTESIAN Calhoun	Meakin	2,560	1952		17	5,759		905,327
ARTESIAN EAST Calhoun	Blossom	2,854	1981	1992	14			2,202
ARTEX Miller	Paluxy	3,140	1980		26	4,055		295,571
	Travis Peak	5,715	1979	1980				2,751
ASH BRANCH Union	Cotton Valley	6,800	1976	1993	39			36,210
ATLANTA Columbia	Pettet	4,620	1983		41	5,668		177,300
	Cotton Valley	7,210	1943		42	5,433	3,574	3,175,473
	Jones	8,120	1981	1990 TA	41			21,200
	Smackover	8,210	1938		46	5,454	39,023	20,925,580
	C.V. & Smk.	8,400	1987					14,856
	Nacatoch							1,901
ATLANTA EAST Columbia	Cotton Valley	7,768	1971		42			583,656
	Jones	8,628	1971	1971	42			9,631
AURELLE Union	Nacatoch	2,303	1980		24	1,427		62,881
BARLOW BRANCH Columbia	Smackover	7,810	1974	1990 TA	38			242,575
BEAR CREEK Union	Travis Peak	3,800	1961		44	3,165		410,989
	Smackover	6,317	1967		29	1,399		1,288,556
BEECH CREEK Union	Tuscaloosa		1949	1955				2,719
	Cotton Valley	6,604	1972	1986 TA	40			27,081
BEECH CREEK WEST Union	Pettet	3,946	1984		44	7,460	-	786,712
	Cotton Valley	6,700	1983		43			346,977
BEECH HILL Union	Smackover	7,214	1978	1975	36			132
BENJAMIN LAKE Union	Meakin	2,550	1959		18	4,092		425,105
BERRY Union	Graves	2,627	1975		14	1,994		130,222
BERT CREEK Union	Smackover	7,210	1978		38			411,280
	Cotton Valley	5,322	1991		40.1			173,792
BETHEL CHURCH Union	Smackover	7,313	1978	1987	42			48,665
BETHLEHEM Union	Rodessa	3,370	1966	1992	42			67,178
BIG BRANCH Lafayette	Tuscaloosa	2,750	1982	1997	21			3,991
	Paluxy	2,973	1981	1997	25			27,895
BIG BRANCH EAST Lafayette	Smackover	7,434	2005			1,984	509	1,984
BIG CREEK Columbia	Smackover	7,900	1974		34	-		214,698
BIG CREEK EAST Columbia	Pettet	4,610	2007	2008	38	726	16	726
BLOOMBURG Miller	Smackover	10,446	1984	1986	54			5,076
BODCAW Nevada	Kilpatrick	2,550	1950		30	2,213		1,255,957
	Hill	2,850	1950		29	1,024		447,733
BODCAW CREEK Lafayette	Pettet	5,986	1984	1987	38			4,327
BOGGY BOTTOM Union	Tokio	2,390	1984	1985	37			497
	Tuscaloosa	3,150	1966	1985	52			122,248
	Hogg	3,785	1965		47	878		212,673
BOGGY CREEK Miller	Paluxy	3,859	1981		32	8,913		496,033
BOIS D'ARC Hempstead	Smackover	5,966	1972	1990	30			15,932
BOLDING Union	Cotton Valley	4,145	1985	1990	52			29,907
BOYCE LAKE Miller	Smackover	7,740	1981	1983	68			8,600





See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONEI	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
CHICKEN CREEK	Tokio	3,210	1966	1967	21			1,570
Miller	Paluxy	3,886	1986		33.6			67,982
CHICKEN CREEK S.W.	Paluxy	3,760	1996		30	1,194		22,364
Miller								
CHRISTMAS	Tuscaloosa	3,650	1961			1,270		74,123
Miller	1st Sturgis	3,112	1957			1,896		1,273,487
	2nd Sturgis	3,175	1960	1977 TA				74,349
	3rd Sturgis	3,332	1960	1964 TA				6,259
	4th Sturgis	3,345	1957	1962 TA				48,469
	Paluxy	3,120	1983		31	3,756		15,081
	Hill	4,620	1984		46			73,433
CLEAR CREEK	Tokio	2,432	1956	1957	15			6,015
Lafayette								
CLEVELAND BRANCH	Smackover	7,200	2005			60,875	8,843	132,585
Lafayette								
COLLEGE HILL	Smackover		1948	1949				5,755
Columbia								
COLUMBIA	Pettet	4,559	1978		40	1,585		110,362
Columbia	Smackover	8,030	1942	1950	65			10,401
CORINTH CHURCH	Smackover	10,126	1972	1975	46			7,521
Columbia								
CORNIE CREEK	Cotton Valley	7,166	1972	1994	40			130,228
Union	Cotton Valley	7,230	1975		40			
	Cotton Valley	8,621	1976		62			
CORNISH BRANCH	Mitchell	5,700	1964		40	4,873		1,317,920
Lafayette	Cotton Valley	8,818	1975	1979	50			8,604
	Haynesville					1,254	19,271	3,498
CRAIG	Arkadelphia	2,125	1965	1984	42			4,629
Union	Tuscaloosa	3,030	1966	1987	31			28,687
CRAIN CITY	Baker	2,642	1976		16	2,457		409,467
Union								
CROSS COUNTRY SL.	Baker	2,570	1959		16			1,093,391
Calhoun	Graves	2,596	1980	1989 TA	16			8,435
	Travis Peak	3,040	1985		29	215		48,821
CROSSETT	Cotton Valley	3,726	1980		18	7,266		240,511
Ashley								
CUMMINGS	Smackover	8,681	1977	1993	66			235,825
Miller	Rodessa	5,141	1997		30	2,291	618	116,637
CURTIS CREEK	Hill	3,118	1981		39	7,938		1,812,125
Union	Tuscaloosa	3,106	1989		43	524		73,172
CYPRESS	Haynesville	10,704	1996		60	35,982	926,470	227,036
Columbia								
CYPRESS CREEK	Graves	2,755	1967	1984 TA	16			83,915
Union	Blossom	2,840	1968		21	1,803		80,766
	Tokio	2,875	1964		26	2,129		248,152
	Travis Peak	2,900	1961		30	2,252		888,419
CYPRESS LAKE	Paluxy	4,690	1985	1988		3,256	1,345	210,589
Miller	Paluxy	4,100	1995					77,487
Lafayette & Miller	Paluxy-Stewart							
	Kilpatrick			1963				707
	Hill	4,690	1958	1960				5,321
CYPRESS LAKE SOUTH	Ford	8,359	1985	1985	63			
Miller								16,833
CYPRESS LAKE WEST	Smackover	8,359	1985	1993	63	0	0	20,539
Miller								
DAYS CREEK	Smackover	8,152	1972		47	13,860	8	7,982,350
Miller	Cotton Valley	7,362	1992		43			31,623
DAYS CREEK SOUTH	Smackover	8,520	1986	1995	68			4,540
Miller	Cotton Valley	7,584	1994					898
DICKSON ROAD	Smackover	7,932	1980	1988	35			26,545
Columbia								
DODDRIDGE	Pettet	6,875	1987		41			53,351
Miller								
DODDRIDGE WEST	Anhydrite	6,150	1959	1959	36			954
Miller								
DOOLEY CREEK	Buckrange	2,770	1954		28			336,909
Lafayette	Smackover	10,935	1970	1972	48			30,323
DORCHEAT-MACEDONIA	Rodessa	4,500	1955		33	18,386	-	1,679,357
Columbia	Rodessa	4,674	1988					
	James	4,775	1957					338,540
	Pettet	5,172	1970		41	17,355	-	1,049,496
	Travis Peak	5,944	1950		43	1,658	9,523	1,019,894
	Travis Pk/Cotton Val.							5,834
	Cotton Valley	8,010	1943		38-72	269,121	954,842	35,314,948
	Buckner	7,914	1984	1985	46			270
	Smackover	8,870	1939			10,636	1,215	9,574,420

See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONED	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
DRY CREEK	Graves	2,740	1986	1992	20			619
Union	Tokio	2,910	1958	1958	32			1,826
DRY FORK	Tokio	3,200	1989		41			92,490
Lafayette								
DUTY	Mitchell	5,768	1979		43			631,092
Lafayette								
EL DORADO EAST	Nacatoch (Old)	2,170	1921		20	10,398		12,387,334
Union	Meakin	2,500	1956	1969	23			14,571
	Blossom	2,750	1953	1968	24			7,667
	Tokio	2,919	1986			8624	860	12,424
	Saulsbury	2,935	1954	1967	27			9,339
	Cotton Valley	4,990	1983		32	17035	1,701	17,035
	Travis Peak	4,000	1970		20	5628		30,597
AMASON AREA	Blossom							21,694
	Graves			1958				19,844
	Saulsbury	2,935	1954	1990 TA	27			330,167
	Travis Peak	2,962	1971		44	807		135,575
EZZELL AREA	Nacatoch	2,130	1951		21	517		38,623
	Meakin	2,500	1956		23	15,349	6,981	82,672
	Graves	2,675	1952		23	1,985	181	26,561
	Blossom	2,750	1953		24	1,897	205	58,934
	Tokio	2,880	1951		21	1,905		8,788
	Hogg	3,400	1956	1986	34			23,135
	Saulsbury	2,925	1951		26	3,313		57,426
	Travis Peak	2,962	1951		29	64,392	35	155,643
	Cotton Valley	5,951	1969		36	15,021	1,558	1,994,892
	Smackover	6,210	1969		22	1,139		395,027
SAULSBURY AREA	Blossom			1966				247
	Saulsbury	2,935	1951	1990 TA	27			412,264
	Nacatoch							77,713
EL DORADO SOUTH	Nacatoch	2,200	1920		32	8,840		56,454,085
Union	Tokio	2,875	1957		32			46,660
	Cotton Valley	7,719	1980	1986 TA	40			2,243
	Smackover				34			138,240
ELLIOTT	Nacatoch	1,937	1974			2,267		72,858
Ouachita								
ELLIOTT SOUTH	Nacatoch	1,858	1982		16			11,577
Ouachita								
ENYART LAKE	Mitchell	5,874	1971		38			185,365
Lafayette								
EVANS	Smackover	7,565	1981	1987	35			4,874
Columbia								
FALCON	Nacatoch	1,180	1938		14	10,100		1,052,709
Nevada &	Blossom	2,360	1954		16-26	389		265,546
Lafayette	Tokio	2,100	1947		15-28	3,389		2,149,617
	Tuscaloosa	2,300	1966	1971	17			6,658
	Hill	2,384	1983	1989 TA	17			2,156
	Travis Peak	3,362	1983		28			26,590
FELSENTHAL	Cotton Valley		1948	1954				7,322
Union								
FIELD BAYOU	Cotton Valley	7,724	1966	1968	36			3,807
Lafayette	Smackover	9,386	1959	1988	43			21,129
FISH LAKE	Rodessa	5,330	1982	1984	33			2,399
Miller								
FORKY DEER	Travis Peak			1982				184
Miller								
FORT LYNN	Tokio	3,253	1967		37	878		311,349
Miller	Rodessa	5,990	1947		38-52			
	Kilpatrick					287		25,065
	Hill					145		21,811
	Gloyd			1986 TA				41,114
	Dees Lime							10,282
	Young					10		58,363
	Pettet	6,700	1983		37			4,933
	Cotton Valley	8,759	1981	1982				962
FORT LYNN EAST	Hill	6,037	1984		38	0		23,725
Miller								
FOUKE	Cotton Valley		1992					1,190
Miller	Buckrange	2,809	1963			-		108,330
	Beauford					5,296		162,692
	Tokio	2,920	1952		22	4,286		1,614,761
	Tokio, First					1,280		13,304
	Tuscaloosa	3,385	1953		34	3,832		206,182
	Sturgis							9,093
	Sturgis, First		1940		24-43	635		14,062
	1st Sturgis-C							
	1st Sturgis SUSW							

See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONEI	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
	1st Sturgis Sand							1,727
	PSU Sturgis C Unit					12,692		75,809
	PSU Nesbett A Unit					-		1,380
	Sturgis, Second					2,135		16,382
	Sturgis, Third					5,855		40,373
	Sturgis, Fourth					20,455		112,961
	Paluxy	3,400	1940			92,777	345	29,719,610
	Mooringsport		1947					411,505
	Kilpatrick	4,550	1940	1969				1,003
	Kilpatrick				37			7,829
	Pettet	5,712	1984	1987 TA	38			4,386
	Travis Peak	6,340	1980	1981	48			1,846
	Smackover	8,977	1955		64	22,178	881,261	2,220,940
FOUKE NORTH	Tokio	3,120	1953		16			23,044
Miller	Tuscaloosa	3,350	1951		20-36	8,242		4,005,709
	Paluxy	3,550	1951		17-33	753		1,589,592
	Smackover	8,490	1981	1989 TA	64			30,663
FOUKE WEST	Tuscaloosa	3,580	1953		32-35			162,290
Miller	Paluxy	4,180	1952		23-38	7,722	-	1,987,619
	Paluxy	4,435	1974		36			
	Paluxy	4,492	1976		38			
	Paluxy	4,661	1972		50			
	Mooringsport	4,620	1967		40			78,134
	Smackover	9,456	1994		57	1,422	62,987	169,519
FOUR MILE CREEK	Smackover	8,058	1972		40			228,796
Miller								
FOUR MILE CREEK SO.	Smackover	8,230	1987		44			91,760
Miller								
FROG LEVEL	Smackover	8,189	1981	1986	34			61,722
Columbia								
GALILEE CHURCH	Smackover	7,522	1975	1995	29			67,968
Lafayette								
GARLAND CITY	Buckrange	2,410	1959	1969	18			124,997
Miller	Tuscaloosa	2,980	1960	1964	19			11,052
	Paluxy	3,805	1951	1962 TA	13-18			186,986
	Paluxy	2,925	1932		31	2,207		2,676,803
GARNER CREEK	Cotton Valley	6,936	1979	1990 TA	44			49,657
Union								
GENOA	Tokio	2,980	1957	1975 TA	28			4,273
Miller	Paluxy	3,350	1957		39	5,248		1,620,314
	Smackover	7,925	1977	1981	51			55,117
GOLD POINT CHURCH	Smackover	5,760	1987	1995	62			24,268
Miller								
GRAVES CREEK	Hill	3,102	1991	1993	39			14,342
Union								
GRAYSON	Smackover	8,008	1993		38	497,163	783,980	14,352,812
Columbia								
GREEN GROVE	Graves	2,807	1984	1993	22			18,025
Union	Travis Peak	3,202	1984	1993	21			
GREERS CHURCH	Pettet	4,280	1979		38	5,130	75	103,630
Columbia								
GREGORY	Cotton Valley	7,966	1978		41	3,804		220,073
Union	Jones	9,208	1981	1984	42			3,657
GUM CREEK	Nacatoch	1,590	1941		17	5,666	128	1,411,609
Ouachita	Blossom	2,255	1945		20			11,963
	Tokio	2,470	1945		17	2,734	51	428,347
	Hogg	2,766	1965	1966	22			3,018
	Travis Peak	3,375	1964		38	4,650	110	657,168
	Cotton Valley	4,385	1964		45			258,422
	Smackover	5,866	1965		23			418,822
HAMPTON	Nacatoch	2,286	1954	1958	16			164
Calhoun	Meakin	2,480	1943		14	1,395		30,482
HARMONY	Smackover	9,747	1975	1976	42			2,939
Columbia								
HARMONY GROVE	Smackover	7,832	1980	1993	47			166,621
Miller								
HARPER CREEK	Cotton Valley	5,800	1985	1988	41			13,021
Columbia	Smackover	7,563	1985	1988	41			5,624
HAWKINS CREEK	Smackover	7,091	1979	1982				4,809
Columbia								
HAYNESVILLE	Pettet	5,470	1942		39	3,920		6,784,530
Columbia	Cotton Valley	8,850	1972		40			80,853
Columbia & Claiborne Par.	Smackover	10,383	1959		47	27	54,993	32,158
HAYNESVILLE NORTH	Pettet	5,574	1961		39	3,832		120,166
	Cotton Valley	8,724	1981	1993	47			93,845
	Smackover	10,500	1980	1986	52			54,776

See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONEI	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
HENDERSON CREEK Columbia	Travis Peak	4,233	1976		43	-		225,102
HERVEY Miller	Rodessa	3,610	1955	1985	37			15,106
HIBANK Union	Nacatoch	2,080	1942		40	9,803		2,936,473
	Meakin	2,440	1952		31			2,746,817
	Graves	2,555	1952		32			733,647
	Tokio	3,126	1986	1991 TA	41			8,134
	Tuscaloosa	3,020	1953		49	1,060		983,599
	Glen Rose		1955	1956				2,403
	Rodessa	3,300	1977	1991 TA				35,699
	Hogg	3,145	1963	1985 TA	48			56,230
	Pettet		1961	1965				108,419
	Travis Peak	4,006	1963		45			504,873
	Cotton Valley		1959	1960	36			7,418
HIBANK SOUTH Union	Hogg		1954	1985 TA				57,595
	Travis Peak	3,480	1952	1964	34			615,004
	Cotton Valley	6,396	1986	1986				415
HIBANK CREEK Union	Tuscaloosa	3,065	1959		29	1,590		290,358
HILLSBORO Union	Nacatoch	2,230	1930		23	12,728		2,270,249
	Primm	2,554	1984	1986				
	Meakin	2,560	1959	1983	22			435
	Tuscaloosa	3,050	1984	1987 TA				301,312
	Travis Peak	3,390	1981		36	3,477		357,239
HILLSBORO SOUTH Union	Rodessa	3,545	1965	1983 TA	45			130,448
	Hogg	4,510	1966	1985 TA	44			176,479
	Travis Peak			1968				1,173
HOGG Union	Cotton Valley	5,575	1979		35			140,411
	Smackover	6,980	1984	1985	42			3,547
HOLLY SPRINGS CH. Miller	Tuscaloosa	3,476	1980	1988	36			19,792
HOLMES CREEK Union	Blossom	2,600	1952		24	1,683		593,122
	Tokio	2,745	1967	1991 TA	28	-		52,728
HOOKER BRANCH Miller	Smackover	8,144	1974	1984	46			48,737
HORSEHEAD Columbia	Pettet	5,850	1952		36	822		4,629,786
	Smackover	10,630	1989	1991 TA	46			507
HORSEHEAD CREEK Columbia	Smackover	9,798	1985	1990	35			35,929
IRMA Nevada	Nacatoch	1,150	1920		14	37,265		12,813,479
	Tokio	2,586	1963		30	5,619		3,597,867
	Paluxy	2,668	1963		32			276,325
	Glen Rose		1953	1962 TA				43,038
	Travis Peak	3,015	1953		30			666,199
	Cotton Valley		1955	1955				3,375
	Smackover	4,712	1972		28	23,205	294	2,526,659
	Rodessa	2,372	1993		26			6,637
IRONS Lafayette	Tokio	2,300	1980		22			13,767
	Tuscaloosa	2,675	1984	1986 TA	22			1,484
	Paluxy	3,342	1978	1984	14			2,350
JENNINGS Columbia	Cotton Valley	8,765	1974	1979	40			16,634
	Cotton Valley	7,908	1990		45			117,699
JONESVILLE Miller	Morringsport		1957	1958				3,155
								-
JUNCTION CITY Union	Smackover		1991	1992	40			807
KELLY BAYOU Miller	Jeter	5,950	1962		38			4,934,247
KEOUN CREEK Columbia & Lafayette	Pettet	5,900	1985		35	1,432		100,666
	Haynesville	10,578	1984		56	1,553	1,578	62,050
	Smackover	11,000	1983		60	3,317	28,653	809,118
KERLIN Columbia	Pettet	4,638	1971		39	33,106		3,556,139
	Cotton Valley	6,622	1982	1987 TA	49			2,374
	Smackover	8,310	1969			890		377,101
KIBLAH Miller & Lafayette	Tokio	3,040	1988		40	2,179		111,284
	Hill	5,950	1955		38			200,293
	Gloyd	6,108	1980		43	559		2,267,467
	Pettet	6,651	1983	1986 TA	39			5,248
KILGORE LODGE Columbia	Smackover	8,017	1969		34			54,818
KRAUSS HILL Lafayette	Paluxy	3,990	1989	1992	38			6,308
KRESS CITY Lafayette	Rodessa	4,236	1988		30	9,525		189,570
	Travis Peak	5,379	1958		31	3,151		503,334
	Cotton Valley	6,456	1958	1962				10,210
	Ford	8,195	1975		37	2,614		1,993,979
	Smackover	8,360	1957	1971	39			1,237,090
	Mitchell	4,437	2007		34	4,708		4,708

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FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONEI	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
KRESS CITY EAST	Cotton Valley		1968	1969				161
Lafayette	Smackover	8,130	1959	1983	72			162,523
KRESS CITY SOUTH	Cotton Valley	7,321	1982	1990	39			14,343
Lafayette	Smackover	8,516	1958	1982				24,171
KRESS CITY S.E.	Smackover	8,432	1983	1990	32			148,249
Lafayette								
KRESS CITY S.W.	Smackover	8,432	1983	1986	35			2,788
Lafayette								
LAKE ERLING	Cotton Valley	8,340	1983	1987 TA	40			4,638
Lafayette	Smackover	11,015	1960		64	2,943	98,177	1,922,508
LAKE ERLING EAST	Hill	5,260	1992					138,236
Lafayette	Rodessa					10,148		148,890
LAKE ERLING SOUTH	Tokio	3,030	1987		42			18,467
Lafayette	Smackover	11,258	1985		48	2,324	37,257	1,213,122
	Haynesville					1,567	33,498	34,316
LAKE JUNE	Nacatoch	1,545	1966	1967	17			
Lafayette	Tokio	2,550	1966	1991	19			124,365
LANEY ROAD	Cotton Valley					15,452		274,824
LANGLEY	Nacatoch	1,375	1984	1987 TA	13			549
Ouachita	Buckrange	2,035	1967		28			75,273
LAPILE	Cotton Valley	5,302	1977		35	13,198		1,788,125
Union								
LAPILE EAST	Cotton Valley	3,975	1995		35			52,097
Union	Travis Peak							10,728
LAWSON	Meakin	2,520	1950		22	5,592		622,303
Union	Blossom	2,777	1986		29	458		43,454
	Travis Peak	3,100	1951		33	792		174,088
LAWSON NORTH	Graves	2,694	1988	1992 TA	18	1,275		29,952
Union								
LAWSON SOUTH	Meakin	2,543	1950	1986 TA	31			157,396
Union								
LEWISVILLE	Tokio	2,290	1939	1991 TA	19			509,150
Lafayette	Tuscaloosa	3,388	1969	1991 TA	40			
	Paluxy	3,900	1961		25	1,451		462,552
	Mooringsport	3,150	1981		32	1,830		91,059
	Kilpatrick							
	Hill							
	Glen Rose - Lower							
	Gloyd	3,400	1939	1974	41			993,910
	James	3,710	1971		41			13,664
	Smackover	6,759	1969		42	52,929	67,935	6,052,838
	Rodessa					-		12
LEWISVILLE NORTH	Tuscaloosa	2,666	1956	1991	28			533,016
Lafayette	Paluxy		1953	1958				8,610
LEWISVILLE NORTHEAST	Smackover					24,412	7,237	182,285
LEWISVILLE NORTHWEST	Smackover							20
LEWISVILLE OLD TOWN	Tokio	2,589	1963	1980 TA	19			9,514
Lafayette	Tuscaloosa	3,030	1978		30			357,120
	Paluxy	3,180	1957		22	810		2,597,761
	Mooringsport	4,035	1981	1995	37			45,440
	Kilpatrick	4,170	1970	1983 TA	40	1,077		3,019
	Pettet	4,735	1982	1986	42			15,760
LEWISVILLE SOUTH	Smackover		1983	1985				3,131
Lafayette								
LEWISVILLE WEST	Tokio	2,450	1947		19	7,217		2,436,339
Lafayette	Tuscaloosa	2,850	1980		19			78,027
	Paluxy	3,540	1959		25	3,636		693,320
	Glen Rose	3,580	1946	1985 TA				199,609
	Mooringsport	3,600	1982	1985 TA	37			248
	Smackover	7,070	1970		40	6,504	2,536	1,504,067
LIBERTY CHURCH	Ford	8,068	1986	1995	67			1,437
Lafayette	Smackover	8,099	1976	1997	24			48,777
	Cotton Valley							120
LICK CREEK	Nacatoch	2,270	1960	1975	17			16,552
Union & Bradley	Saratoga			1985				418
	Meakin	2,545	1957		18	18,240		7,081,903
	Graves	2,574	1969	1976	17			5,020
	Blossom	2,675	1965	1975 TA	14	6,818		79,905
	Travis Peak	2,928	1966		21			172,229
	Cotton Valley	3,386	1970	1975 TA	12			7,891
LISBON	Nacatoch	2,100	1925		34	7,079		858,647
Union	Smackover	7,124	1981			338		33,647
LISBON EAST	Cotton Valley	6,550	1960	1962				7,897
Union	Smackover	6,730	1953	1974 TA	37			124,627
LISBON NORTH	Nacatoch	2,100	1953		36	708		949,245
Union	Blossom	2,640	1983		22			3,503
LISBON NORTHWEST	Blossom	2,590	1957		22	22,657		2,670,470
Union	Nacatoch							612
	Smackover	6,387	1983	1993	26			8,465

See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONEI	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
LISBON WEST Union	Nacatoch	2,100	1955		36	574		96,942
LITTLE BODCAW Lafayette	Tokio	2,122	1981		20			42,667
LITTLE CHURCH Miller	Tokio	3,290	1984		37	1,782		152,147
	Tuscaloosa	3,557	1983		39	2,731		153,601
	Paluxy	3,674	1992		38			31,028
LLOYD CREEK Calhoun	Nacatoch	2,340	1968		17	1,949		90,163
LOCUST BAYOU Calhoun	Meakin	1,990	1947		15	1,632		374,655
LOUTRE CREEK Union	Cotton Valley				1982			3,024
	Smackover				1954			105,572
LOWERY BRANCH	Smackover					7,609		50,281
MAGNOLIA Columbia	Rodessa	3,220			1958			5,326
	Pettet	4,222	1988		43	297		31,031
	Travis Peak	4,870	1979		1989	44		56,895
	Cotton Valley	6,390	1943		47	4,731	6,948	1,681,643
	Smackover	7,500	1938		38	218,785	324,396	169,730,492
MANDEVILLE Miller	Smackover	6,208	1975		33	1,040		144,960
MARS HILL Lafayette	Cotton Valley				1969			2,509
	Smackover	9,012	1985		1992	61		95,045
MARYSVILLE Union	Cotton Valley	6,023	1970		1973	42		3,138
	Smackover					5,442		145,624
MAYTON Miller	Tuscaloosa	2,940	1967		27			52,767
	Paluxy	3,620	1967		16	1,696		504,574
	Mooringsport	3,952	1976		1987	31		30,317
MCDONALD Ouachita	Sligo	2,821	1929		1932	31		117,085
MCKAMIE NORTHEAST Lafayette	Smackover	8,230	1982		1990	66		64,334
MCKAMIE PATTON Lafayette	Gloyd	4,755	1973		31	16,634		872,596
	James	5,014	1971		38	15,948		2,351,882
	Cotton Valley	7,306	1970		45	56,701	-	3,590,199
	A Lime							37,749
	Reynolds Lime	9,100	1940		55			32,395,440
	Paluxy							3,916
	Smackover		1940			28,802	182,281	378,242
	Travis Peak	8,310	1998			1,712		1,846
MCKAMIE SOUTH Lafayette	Smackover	9,340	1986		1989	55		3,107
MCKINNEY BAYOU Miller	Tokio	2,810	1975		1982	32		6,194
	Tuscaloosa	3,050	1955		1989 TA	20		54,331
	Paluxy	3,398	1955			31	3,449	1,869,390
	Glen Rose	3,930	1955		1990 TA	39		51,141
	Mooringsport	3,957	1985		1986 TA	25		2,565
MCLENDON BRANCH Columbia	Smackover		1991		42	-		506,365
	Buckner		1992					10,079
	Pettet	4,814	1993					9,751
MCNATT Nevada	James	2,666	1976		1992	20		2,429
MCNEIL EAST Columbia	Pettet	3,490	1946		29	1,804		865,505
	Travis Peak	4,040	1977		48	2,429		157,460
	Tokio							1,957
MEDLOCK Columbia	Smackover				1965			535
MERIWETHER LAKE Lafayette	Tuscaloosa	2,700			1993	20		26,554
	Mooringsport	3,418	1983		18			6,323
	Smackover	7,082	1982		23	2,086		199,507
	Tokio	2,275	1995		17	3,682		36,032
MERIWETHER LAKE S. Lafayette	Paluxy	2,816	1981		14			26,009
MIDWAY Lafayette	Tokio	2,106	1973		12	-		35,416
	Tuscaloosa	2,390	1973		1980 TA	12		2,278
	Rodessa	3,526	1969		1970	29		685
	Smackover					93,931	49,773	1,909,204
	Reynolds Lime	6,400	1942		36			81,477,211
MIDWAY EAST Lafayette	Tokio	2,185	1958		18	1,128		312,994
	Tuscaloosa	2,475	1970		32	98		451,672
MIDWAY WEST Lafayette	Paluxy	2,908	1981		1995	18		19,503
	Smackover	6,570	1953		32	2,975		3,647,889
MILL CREEK Union	Blossom	2,844	1967		1991 TA	24		38,307
	Saulsbury	3,022	1962		1974 TA	24		9,060
	Travis Peak				1967			12,207

See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONEI	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
MOCASSIN BAYOU	Tuscaloosa	3,000	1961	1984	27			116,447
Miller	Paluxy	3,000	2008			94		94
MOHAWK	Smackover	10,387	1973		46	23,348		2,158,357
Columbia								
MOHAWK SW	Pettet	5,775	1981	1986	42			5,471
Columbia								
MORO BAY	Cotton Valley	3,460	1969		13	1,044		55,987
Calhoun								
MT. HOLLY	Cotton Valley	6,013	1981	1990 TA	38			163
Union	Smackover	7,140	1941		43	6,573	1,311	2,969,635
MT. HOLLY EAST	Travis Peak	4,563	1981		30			87,391
Union	Travis Peak	4,150	1975		43			
MT. HOLLY NORTH	Travis Peak	4,258	1973		40	7,473		921,555
Union	Travis Peak	4,450	1966		39			
	Cotton Valley	4,941	1975	1976	30			1,886
	Smackover	6,896	1981		29	326		72,460
MT. HOLLY WEST	Smackover	7,272	1984	1984				553
Union								
MT. PLEASANT	Tokio	2,156	1969	1970	15			1,235
Lafayette								
MT. VERNON	Smackover	7,876	1976		37	-		4,982,703
Columbia								
MT. WILLIE ROAD	Tuscaloosa					7,972		30,214
MT. ZION	Smackover	6,938	1970	1995	42			129,797
Union								
MT. ZION EAST	Smackover	6,962	1982	1985	35			7,989
Union								
MUD LAKE	Baker	2,560	1959		16	7,863		1,555,925
Calhoun								
NATIONS CREEK	Cotton Valley	5,707	1977	1979	38			1,666
Columbia								
NEWELL	Smackover	7,650	1961	Oil associated with brine production				41,367
Union								
NEW LONDON	Travis Peak	3,686	1981		40	7,439		192,164
Union	Cotton Valley	5,850	1942		31	25,631		7,717,432
	Smackover	6,049	1984	1984	12			911
NEW LONDON NORTH	Cotton Valley	4,425	1950	1961	21			37,990
Union	Reynolds Lime	6,050	1951	1988	12			340,187
NICHOLS	Hill	2,800	1966	1969	18			370
Nevada	James Lime	3,194	1984	1990	15			3,206
NICK SPRINGS	Graves	2,600	1964	1989 TA	23			21,583
Union	Blossom	2,724	1961	1964	24			22,091
	Travis Peak	3,150	1940		37	875		900,429
	Travis Peak	3,681	1958		40			
	Cotton Valley	4,666	1970	1971	60			17,545
NICK SPRINGS EAST	Nacatoch			1973 TA				
Union	Blossom	2,908	1958		24			124,702
	Tokio		1972		28			2,371
	Tuscaloosa	3,039	1956	1993	24			733,829
	Travis Peak	3,939	1969	1975	33			3,030
	Graves	2,762	1991		30			2,240
NICK SPRINGS WEST	Nacatoch	2,100	1969	1973				2,990
Union	Meakin	2,470	1950		23	130		1,700,608
	Pettet			1951				1,050
	Cotton Valley	4,860		1960				5,675
NORMAN LAKE	Cotton Valley	7,229	1974	1975	38			646
Lafayette								
NORPHLET	Cotton Valley			1959				1,632
Union								
O'BRIEN	Pettet	3,987	1972	1996	36			55,368
Union								
OGEMAW	Blossom	2,050	1967	1968	30			630
Ouachita								
OLD UNION	Blossom	2,730	1961	1985 TA	23			63,870
Union								
OLIN FOREST	Tuscaloosa	3,200	1956	1970	47			390,250
Union	Rodessa	4,300	1964	1984 TA	44			15,020
	Hogg Sand	4,400	1960		72			715,245
	Travis Peak	4,519	1969	1970	50			182
OLIN FOREST NORTH	Rodessa	3,155	1966		43			226,896
Union	James Lime	3,328	1966		42			421,279
	Hogg	3,573	1966		41	2,174		577,576
	Travis Peak	3,943	1966	1989 TA	43	201		233,809
	Cotton Valley	4,807	1966	1970 TA	18			42,009
	Cotton Valley	5,011	1988	1988	38			1,368





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						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
RIVER BEND Union	Blossom	2,731	1959	1963	16			338
ROCKY MOUND Columbia	Gloyd	5,600	1962	1965	33			19,388
ROCKY MOUND SOUTH Miller	Hill Lower Hill	5,558 5,622	1981 1983	1992	70 38			45,893
RODESSA Miller	Rodessa Jeter	6,050 5,900	1937 1964		42 65	5,492		9,274,882 89,621
	Hill Gloyd	6,025 6,122	1983 1983		28 45	334 26,703		37,398 693,614
	Pettet	6,784	1990		44	4,515		106,479
RODESSA NORTH Miller	Wisinger		1943	1963				101,912
RODESSA WEST Miller	Hill Jeter	5,965 6,000	1959 1980	1996 1988	40 46			258,949 36,611
	Mitchell	6,090	1960		41			67,509
RONDO Miller	Smackover	6,517	1982	1984				2,488
SALEM CHURCH Union	Travis Peak Cotton Valley	4,296 5,328	1964 1967		42 35	439		175,347 3,139
	Smackover	6,945	1984	1975	69			278,329
SALEM GRACE CHURCH Lafayette	Cotton Valley	8,740	1990		44			24,392
SANDY BEND Union	Nacatoch Blossom	2,270 2,762	1947 1956		19 25	41,327		13,385,264 35,792
	Travis Peak	3,357	1984		25	1,555		12,388
SAUL'S CHAPEL Union	Tuscaloosa Travis Peak	3,180 3,880	1964 1964	1990 1985	45 43			431,444 76,418
SEMINARY CHURCH Ouachita	Buckrange Blossom Tokio	2,269 2,427 2,540	1972 1971 1971	1985 TA	29 30 18			4,307 43,327 125,774
SHEPHERD Union	Nacatoch Travis Peak			1957 1967				1,308 47,478
SHEPPARD BRANCH Union	Hill Rodessa	3,222	1995		44		1,347	33,713 24,959
SHILOH Lafayette	Tokio Tuscaloosa Paluxy	2,700 2,975 3,025	1964 1966 1966		14 19 23	6,038 -	80	575,738 116,416 208,149
SHONGALOO NORTH Columbia	Pettet	5,750	1951	1987 TA	40			576,386
SHORT Union	Blossom	2,858	1969		20	1,843		12,132
SHULER Union	Graves Blossom Tuscaloosa			1951 TA 1971 TA				93
	Glen Rose	3,100	1952		38	621		557,506
	Hill Sand Pettet Travis Peak	3,160 4,010	1954 1950		42 42	7,174 58,315	-	1,435,247 3,536,053
	Morgan Sand Cotton Valley Mayfield B Sand	5,500 5,580 5,590	1937 1953 1952		41 42 42			4,502,080 10,676,748 1,617,301
	Lagrone Sand Jones Reynolds	5,700 7,530	1953 1937	1989 TA 1955	42 34		87,817 2,436	1,912,483 83,098,057 7,728,942
SHULER EAST Union	Tuscaloosa Pettet Morgan Sand	3,075 3,930 5,580	1977 1951 1941		42 45 46	2,656 1,651		45,591 597,334 2,000,880
	Cotton Valley Jones	7,130 7,530	1951 1951		38 40	2,928		1,420,332 100,551
	Smackover	7,640	1951		46	494		209,925
SMACKOVER Union & Ouachita	Uncontrolled Travis Peak Cotton Valley	1,920 3,100 4,050	1922 1953 1976		19 31 38	1,647,039 8,423 4,892		588,180,415 4,519,252 103,542
	Smackover Meakin Nacatoch	5,900	1978	1986	31		1,981 129,208	25,032 26,856 1,316,026
BILYEU AREA	Travis Peak	2,668	1968		26			320,499
BOLLENBACKER AREA	Travis Peak	3,250	1970		34	1,031		270,739
KIRKLAND AREA	Travis Peak	3,360	1964	1965	25			4,095
LINGLE BACH AREA	Cotton Valley			1963				122
ROSENBAUM AREA	Travis Peak	3,092	1958	1965	24			43,684
SAND LAND AREA	Cotton Valley Travis Peak	4,050	1960 1961	1969 1972	39 36			86,912 77,039
SHULER AREA	Travis Peak	3,370	1970	1991	35			46,921
STEVENSON AREA	Travis Peak	2,930	1980		43	1,819		73,443
TURNER AREA	Travis Peak	2,926	1951		40			131,323

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						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
SMITHVILLE Union	Blossom	2,960	1966		36			21,309
SNOW HILL Ouachita	Travis Peak	3,300	1956		31	6,119		656,947
	Cotton Valley	3,363	1955		35	10,418		4,398,163
	Smackover	4,821	1936			1,549		867,761
	Tokio	4,896	1983			0		-
SPIRIT LAKE Lafayette	Buckrange			1949				3,663
	Tokio	2,702	1980		18	763		43,677
	Tuscaloosa	3,170	1978		33	2,132		169,156
	Goodland Lime	3,600	1949		36	1,156		368,773
	Paluxy	3,740	1947		34	8,135		2,756,263
	Mooringsport	3,873	1947		29	2,297		157,428
	Kilpatrick	4,100	1946	1972 TA	38			1,575,451
	Hill		1979		42			88,842
	Smackover	7,051	1971		54	2,152	52	264,025
	Glen Rose					1,502		18,237
SPIRIT LAKE NORTH Lafayette	Tokio	2,540	1985		17	5,599		267,203
	Tuscaloosa	3,015	1987	1987 TA	18			170
	Paluxy	3,834	1988		34			7,839
	Kilpatrick	4,468	1984		40			97,674
	Hill	4,579	1984	1984	35			1,366
SPOTSVILLE Columbia	Pettet	4,243	1986		36			39,856
	Smackover	7,736	1978	1981	54			89,647
SPRING BRANCH Union	Nacatoch	2,150	1984	1985	39			267
	Smackover	7,367	1981	1985				2,204
SPRINGHILL Columbia	Tokio	3,100	1952		41			1,562,904
	Pettet	5,840	1987	1988	41	74,249	59,457	769,208
	Hill			1963				19,687
	Haynesville	11,035	1987		61	26,480	1,997,834	3,163,123
	Haynesville/Smackover B					1,015		5,025
	Nacatoch					7,375		29,654
ST. JONAH CHURCH Lafayette	Smackover	9,367	1986	1988	49			2,045
ST. MARY Lafayette	Hill	5,634	1979		38	2,710		460,651
	Mitchell	5,789	1978		43			1,725,769
ST. MARY WEST Lafayette	Cotton Valley	8,615	1984		45	8,947	1,973	998,849
	Smackover	8,624	1985	1985 TA1982	61	-		12,604
ST. MATTHEWS Columbia	Smackover	7,763	1978	1982	38			1,753
STAMPS Lafayette	Tokio	2,350	1955		16	10,104		2,325,575
	Tuscaloosa	2,600	1955		20			314,044
	Paluxy	4,070	1958		38	4,627		2,025,170
	Mooringsport	3,040	1959		26			84,229
	Rodessa	3,773	1956		34	768		779,989
	Hill	3,459	1984	1985 TA	36			1,484
	Knighton			1972				10,150
	Travis Peak	4,290	1958	1976 TA	33			31,038
STAMPS EAST Lafayette	Tokio	2,490	1979		19	2,194		283,325
	Tuscaloosa			1956				5,617
STAMPS NORTHWEST Lafayette	Tokio	2,295	1956		15	6,073		543,277
STAMPS WEST Lafayette	Tokio	2,568	1963	1986 TA	18			106,604
	Paluxy	3,310	1976	1989 TA	17			33,605
STATELINE Union	Smackover	8,882	1990		44	3,377		1,565,099
STATELINE SOUTH WEST Union	Smackover	8,930	1995		50	14,632	34,033	629,918
STATELINE WEST	Smackover							22,737
STEPHENS Columbia & Ouachita & Nevada	Nacatoch	1,402	1971		17	9,989		833,252
	Buckrange	2,100	1922		30	21,392		24,094,294
	Tokio	2,260	1965		17	1,401		154,019
	Rodessa	2,650	1949		28	-		678,003
	Rodessa	3,277	1972		32			
	Glen Rose	2,660	1948		30	1,615		1,202,051
	James Lime	3,100	1945		31			512,201
	Hogg Sand	3,190	1949		35	11,066		6,777,063
	Pettet	3,393	1981		26	15,235		222,781
	Cotton Valley	4,910	1985		32			8,297
	Smackover	5,940	1956		34	79,945		3,476,824
	Smart					933		7,336
CURRY AREA	Nacatoch	1,350	1966	1990 TA	17			44,380
	Buckrange	1,960	1966	1971	33			15,314
	Rodessa	2,939	1967	1969 TA	16			4,360
	Travis Peak	3,300	1949		32			764,807
SMART AREA	All Sands	3,040	1941		30	60,667		22,436,307
STEPHENS NORTH Nevada	Buckrange	1,990	1945		26	-		540,888
STEPHENS NORTH EXT. Ouachita	Blossom	2,140	1950		29	2,886		347,531
STOW LAKE Union	Graves	2,764	1969	1987 TA	16			4,116
	Travis Peak			1986				70

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FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONEI	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
STRONG	Cotton Valley	5,890	1962	1989 TA	36			121,588
Union	Smackover	6,242	1980		32			83,350
STRONG NORTH	Nacatoch	2,300	1958	1971	21			
Union	Travis Peak	3,944	1985	1986	39			
	Cotton Valley	4,864	1979		32	1,655		132,725
SULPHUR RIVER	Rodessa	5,880	1993	1995	41			2,220
Miller								
SUNVIEW	Paluxy	2,790	1965	1966	21			4,600
Lafayette								
TEXARKANA	Pettet	4,926	1977		36	10,075		475,615
Miller	Smackover	7,358	1942	1971	70			408,912
TEXARKANA EAST	Travis Peak	5,134	1981	1982				2,039
Miller								
THREE CREEKS	Cotton Valley	8,054	1979	1983	42			6,711
Union								
THREE CREEKS EAST	Cotton Valley	6,600	1984	1991	40			9,465
Union								
TOM CREEK	Nacatoch			1968 TA				0
Union	Blossom	2,772	1965	1970	24			2,180
	Travis Peak	3,000	1964	1965	21			3,188
TROY	Nacatoch	1,220	1936		18	23,407		10,332,823
Nevada	Tokio	2,150	1936		18			
	Tokio 13-15-18-20					6,350		88,658
	Blossom	2,630	1956		29	2,169		1,010,606
	Glen Rose	2,332	1954	1986	25			66,412
	Travis Peak	2,665	1954		27	987		153,054
	Smackover	4,755	1974		32	8,008	142	1,166,354
TROY EAST	Nacatoch	1,309	1956	1989 TA	15			102,497
Ouachita								
TROY NORTH	Nacatoch	1,723	1956	1980 TA	16			17,775
Nevada	Blossom	2,340	1956	1997	24			104,171
	Tokio	2,450	1956	1981 TA	22			380,893
	Paluxy	2,830	1973		26	509		107,647
	Rodessa	2,853	1977		20	1,243		180,154
TROY SOUTH	Tokio							5,614
TUBAL	Cotton Valley	8,010	1950		46			844,556
Columbia & Union	Smackover	9,280	1950		51	4,127		1,745,481
TURKEY CREEK	Tuscaloosa	3,101	1976	1993	41			134,709
Union								
URBANA	Nacatoch	2,300	1930		32	2,049		1,053,101
Union	Meakin	2,500	1946	1960	20			1,045,255
	Graves	2,604	1958	1984 TA	25	1,312		17,865
	Blossom	2,740	1971		32	3,609		520,134
	Tokio	2,840	1953		25	185		27,575
	Rodessa		1971	1971 TA				12
	Hogg	3,945	1971	1971	36			1,119
	Thompson			1958				14,041
	Crain	3,000	1940		26	963		2,539,317
	Gregory	3,200				3616		9,832,699
	Upper Parker	3,350	1951		31	7,970		509,775
	Lower Parker	3,550	1959		24			138,909
	Urbana	3,526	1929		23	9,860		952,573
	Sand Unit (3500)					-		22,350
	Travis Peak	3,500	1951		27	16,982	294	3,525,572
VILLAGE	James			1978 TA				17
Columbia	Pettet	3,990	1949		30	6,896		315,935
	Travis Peak	4,550	1946		47	30,880		14,138,460
	Cotton Valley	5,570	1946		54	9,343		2,389,133
	Smackover	7,320	1938		47	6,770		12,734,127
WALDO	Smackover	7,119	1989		39	3,289	72	150,919
Columbia	Pettet					18,459	403	60,092
WALKER CREEK	Cotton Valley			1972				655
Columbia & Lafayette	Smackover	10,870	1968		48	43,224	473,108	35,768,043
WALNUT HILL	Mitchell	5,830	1957		41	39,377	1,723	2,716,391
Lafayette	Pettet			1951				2,374
	Smackover			1954				208,343
WARE CREEK	Smackover	10,404	1979		55	2,381		479,121
Columbia								
WARNOCK SPRINGS	Smackover	7,432	1982	1989 TA	70	7,004		133,775
Columbia								
WELCOME	Smackover	11,170	1969		45			1,639,631
Columbia	Cotton Valley	8,802	1990		42			8,490
WESGUM	Nacatoch	1,637	1978		15			2,638
Ouachita	Tokio			1997				91,989
	Travis Peak							1,436
	Rodessa	2,748	1986		42	-		63,196
	Sligo							1,099
	Smackover	5,808	1971		22	7,133	360	1,233,749

See last page for key to Abbreviations.

FIELD/ COUNTY	FORMATION	DEPTH (Ft.)	YEAR OF DISCOVERY	YEAR ABANDONED	API GRAVITY	PRODUCTION		
						2008 ANNUAL OIL (Bbls.)	2008 ANNUAL GAS (MCF)	CUMMULATIVE OIL (Bbls.)
WESSON	Nacatoch	1,500	1946		15	26,874		1,498,809
Ouachita	Buckrange	2,200	1947		30	204		2,797,024
	Blossom	2,200	1947		30			827,677
	Tokio	2,340	1986	1990 TA	19			331,274
	Glen Rose	2,720	1945		30	12,783		1,026,507
	Hill	2,590	1945		32	4,262		8,874,525
	James Lime	2,960	1945		30			325,676
	Hogg	3,100	1946		32	59,216	2,593	39,943,792
	Sligo	2,595	1964		23	1,023		187,669
	Pettet	3,326	1982		22			13,944
	Travis Peak	3,220	1946		36	142,174	2,536	6,166,300
	Smackover	5,845	1967		34	31,546		3,993,959
WESSON NORTH	Nacatoch	1,358	1952		15	-		11,426
Ouachita	Buckrange	1,950	1966		33			348,087
	Buckrange & Blossom					-		984
	Blossom	1,986	1966		33			
WICKHAM CREEK	Smackover	6,993	1974	1997	35			316,788
Union								
WICKHAM CREEK W.	Smackover	7,034	1990	1994	33			64,481
Union								
WILDWOOD	Travis Peak	3,200	1986	1992	41			3,833
Union								
WILKS	Cotton Valley			1952				5,573
Union	Smackover	7,875	1977			33		30,287
WILLISVILLE	Nacatoch	1,211	1951		14	16,245		867,483
Nevada	Blossom	1,946	1955		22	1,655		252,953
WILLISVILLE S.W.	Nacatoch	1,140	1956		14	28,281		4,665,185
Nevada	Blossom	1,980	1970		18	3,614		364,503
	Tokio	2,070	1981	1989 TA	15			2,031
	Travis Peak	3,260	1973	1983	28			5,015
WILLISVILLE WEST	Nacatoch	1,200	1957		15	6,533		572,287
Nevada	Tokio	2,135	1955		19			255,341
	Hogg	2,977	1973	1992	22			193,654
WILMINGTON	Graves	2,768	1977		17	1,386		30,350
Union	Travis Peak	3,438	1958	1971	18			26,142
WILMINGTON SOUTH	Graves	2,822	1984	1988				1,224
Union								
WINCHESTER	Meakin	2,635	1956		20	2,026		1,076,663
Union								
WOODLEY	Nacatoch	1,925	1922		20	2,849		476,836
Union								
WOODLEY WEST	Nacatoch	2,140	1951		32	22,547		3,827,920
Union								-
WYATT	Nacatoch	2,150	1978	1986	34			1,477
Union								
YOUNG	Paluxy	2,965	1958	1964	28			35,465
Nevada								
<b>TOTAL</b>						<b>5,913,563</b>	<b>7,480,282</b>	<b>1,812,909,627</b>
<b>TOTAL UNCONTROLLED</b>						-		
<b>TOTAL CONTROLLED</b>						5,913,563		
<b>GRAND TOTAL</b>						5,913,563		

**ABBREVIATIONS:**

A	Anticline	LF	Lense Faulted	PL	Porous Limestone
AF	Anticlinal Faulted	LS	Limey Sandstone	S	Sandstone
AL	Anticlinal Lense	MF	Monocline Faulted	SL	Sandy Limestone
ALF	Anticlinal Lense Faulted	MLF	Monoclinial Lense Faul	ML	Monoclinial Lense
—	Estimated	OL	Oolitic Limestone		
L	Limestone	Por	Porosity Pinchout		

# North Arkansas Production Data

## NORTH ARKANSAS RESERVOIR DATA

FIELD	COUNTY	FORMATION	YEAR OF DISCOVERY	YEAR ABANDONED	2008 ANNUAL GAS (MCF)	CUMMULATIVE MCF
AETNA	Logan	Atoka	1956		10,464,676	690,345,622
	Franklin	Morrow				0
		Penters				0
ALMA	Crawford	Atoka	1916		396,195	4,098,907
		Atoka	1961			36,993,360
		Morrow	1967			0
		Uncontrolled				2,337
ALMA, NORTH	Crawford	Hale	1985		11,823	570,294
		Boone	1985			0
ALTUS	Franklin	Atoka	1960		1,009,128	95,342,965
		Morrow				0
		Pitkin				0
B-43	Arkansas, Cleburne, Conway, Cross, Faulkner, Independence, Jackson, Lee, Lonoke, Monroe, Phillips, Prairie, St. Francis, Van Buren, White Woodruff	Fayetteville, Moorefield, Chattanooga			273,189,731	376,145,703
	Crawford, Franklin, Johnson, Pope					0
B-44 Area	Logan, Sebastian, Yale, Franklin, Scott				93,405,799	93,494,566
BALDWIN	Washington	Sylamore	1985		0	1,601,629
BARNEY	Faulkner	Hale	1990	1991	0	87,887
BATES	Scott	Atoka	1982	1986	0	0
BATSON	Johnson	Atoka	1973		703,998	125,719,943
		Morrow	1973			0
		U/Boone	1974			0
BEVERLY	Sebastian	Atoka	1937			4,405,109
	Franklin					0
		Uncontrolled			4,216	104,332
BLAIR CREEK	Washington	Sylamore	1986		0	302,901
BLAIR CREEK SOUTH	Washington	Boone	1987		0	1,514,755
BLICK	Conway	Atoka	1967	1992	430	23,647
BLOOMER	Sebastian	Atoka	1945	1971	0	158,116
BONANZA	Sebastian	Atoka	1962		1,587,867	229,232,713
		Morrow	1962			0
		Hunton	1962			0
		Penters				0
		Pitkin				0
BOOGER HOLLOW	Pope	Atoka	1962	1969	0	46,516
BOONEVILLE	Sebastian	Atoka	1958		45,564	204,708,646
	Logan					0
BRENTWOOD	Washington	Wedington	1977		0	1,833,123
BROCK CREEK	Logan	Atoka	1992		108,973	1,563,602
BROCK CREEK (BELL)	Logan	Bell	1991		1,088	206,671
CANNON CREEK	Madison	Sylamore	1986		0	0
CAULKSVILLE	Logan	Atoka	1964		1,298,850	67,927,546
		Morrow	1967			0
CECIL	Franklin	Atoka	1950		12,840,399	850,247,917

NORTH ARKANSAS RESERVOIR DATA						
FIELD	COUNTY	FORMATION	YEAR OF DISCOVERY	YEAR ABANDONED	2008 ANNUAL GAS (MCF)	CUMMULATIVE MCF
	Sebastian	Morrow				0
	Crawford	Viola	1967			0
		Pitkin				0
CENTER RIDGE	Conway	All to base of Boone			0	23,302
CHAFFEE ARKOMA UNIT	Franklin	Atoka			64,266	521,054
	Sebastian					0
CHAMBERS	Sebastian	Hartshorne Coal			160,253	2,670,770
CHARLESTON	Franklin	Atoka	1964	1974	-	38,471
CHISMVILLE	Logan	Atoka	1959		0	123,572,752
CLARKSVILLE	Johnson	Atoka	1921		816,792	87,611,022
		Atoka	1967		-	62,115,125
		Morrow	1965			0
		Uncontrolled			82,022	1,656,813
CLAY	White	Arbuckle	1995		0	56,420
CLINTON N. E.	Van Buren	Hale	1997		0	58,789
CNR HARTFORD	Sebastian	Hartshorne Coal			1,366,536	5,117,720
COAL HILL	Johnson	Atoka	1958		309,616	37,634,429
		Morrow				0
CYPRESS VALLEY	Conway	Morrow	1985	1987	0	0
DELAWARE	Logan	Atoka	1970		562,168	14,941,342
DEAN SPRINGS	Conway	Boone	1976		0	0
		Hunton				0
DOVER	Pope	Atoka	1959		1,058,607	110,002,742
		Morrow				0
		Pitkin				0
		Batesville				0
		Boone				0
		Penters				0
		Hunton				0
		Pre-Penn				0
DRIPPING SPRINGS	Crawford	Atoka	1984		35,988	3,168,238
		Morrow	1982			0
		Boone	1982			0
DYER	Franklin	Atoka	1964		1,308,058	76,037,579
		Morrow	1965			0
EWING	Sebastian	Atoka	1936		2,868,178	47,083,319
		Atoka	1964			105,597,719
		Morrow	1964			0
		Penters	1966			0
		Hunton				0
		Uncontrolled			491,024	7,973,390
EXCELSIOR	Sebastian	Atoka	1970		0	16,975,386
FERN SPRINGS	Franklin	Wedington	1981		0	5,782
FLETCHER CREEK	Logan	Atoka	1966		0	3,774,761
FRIENDSHIP CHURCH	Washington	Boone	1987		0	518,632
		Sylamore	1986			0
FROG BAYOU	Crawford	Dunn C	1992		0	334,575
FURGERSON	Pope	Atoka	1965		518,824	58,221,460
		Morrow				0
		Brentwood				0
GOOSE CREEK	Washington	Sylamore	1985		0	240,888
GRAGG	Sebastian	Atoka	1955		0	262,554,828
GREENBRIER	Faulkner	Morrow	1984		0	143,125
GREENWOOD	Sebastian	Atoka	1969		0	10,052,366
GREENWOOD JUNCTIO	Crawford	Atoka	1927		0	42,063



NORTH ARKANSAS RESERVOIR DATA						
FIELD	COUNTY	FORMATION	YEAR OF DISCOVERY	YEAR ABANDONED	2008 ANNUAL GAS (MCF)	CUMMULATIVE MCF
GRIFFIN MOUNTAIN	Conway	Fayetteville			0	914,695
		Boone				0
HACKETT	Sebastian	Atoka	1966	1981	0	424,262
HARDT	Washington	Wedington	1987		0	341,926
		Boone	1987			0
		Sylamore	1987			0
HARGARVILLE	Johnson	Atoka	1968	1974	0	798,639
HARTFORD	Sebastian	Hartshorne Coal			680,514	5,896,981
HAZEL VALLEY	Washington				3,855	794,696
HECTOR	Pope	Atoka	1984		0	1,375,003
		Morrow	1984			0
HICKORY CREEK	Washington	Wedington			15,238	140,423
HIGH OCEAN	Washington	Sylamore	1985		0	177,944
HOLLIS LAKE	Crawford	Atoka	1958		3,828,889	284,077,428
		Morrow	1960			0
		St. Peter	1968			0
HUNT	Johnson	Atoka	1968		35,192	6,872,517
HUNTSVILLE	Madison	Sylamore	1976		0	823,539
HURRICANE CREEK	Crawford	Morrow	1981		0	894,344
		Wedington	1981			0
		Boone	1981			0
JERUSALEM	Conway	Atoka	1956		0	15,205,415
JERUSALEM EAST	Conway		1989		-	102,679
JETHRO	Franklin	Atoka	1955		737,102	46,819,594
		Morrow				0
		Boone				0
KIBLER	Crawford	Atoka	1915		0	295,413
		Uncontrolled				0
KIBLER (DEEP)		Uncontrolled			0	14,961
KIBLER (SHALLOW)		Uncontrolled			32,884	623,615
KIBLER-WILLIAMS	Crawford	Atoka	1957		3,087,333	187,896,926
		Morrow	1960			0
		Pre-Penn	1962			0
		Uncontrolled			493,799	3,197,879
KNOXVILLE	Pope	Atoka	1958		1,929,990	89,685,644
	Johnson					0
LAVACA	Sebastian	Atoka	1921		0	2,674,564
		Uncontrolled				0
LAVACA (DEEP)		Uncontrolled			12,173	917,507
LEE CREEK	Crawford	Morrow	1985		148,573	4,337,888
LINVILLE	Johnson	Atoka	1974		67,064	8,984,862
LITTLE CREEK					0	365,862
		Morrow	1974			0
LOCKE	Crawford	Boone	1979			0
LONE ELM	Franklin	Atoka	1950		1,116,880	138,728,085
		Morrow				0

NORTH ARKANSAS RESERVOIR DATA						
FIELD	COUNTY	FORMATION	YEAR OF DISCOVERY	YEAR ABANDONED	2008 ANNUAL GAS (MCF)	CUMMULATIVE MCF
		Pre-Penn				0
LUDWIG	Johnson	Atoka	1959		1,127,425	50,500,170
		Morrow				0
LUTHERVILLE	Johnson	Boone	1978		0	83,871
MANSFIELD	Sebastian	Atoka	1901		0	55,516,723
		Atoka	1965			0
		Uncontrolled				5,713,728
MARTINVILLE	Faulkner	Atoka	1980	1985	0	24,459,826
		Morrow				37,885
MASSARD	Crawford	Atoka	1951		4,751,189	348,030,721
	Sebastian	Morrow	1957			0
		Penters	1963			0
		Hunton	1962			0
		Boone				0
		Uncontrolled			90,389	1,823,438
MASSARD PRAIRIE	Sebastian	Atoka	1904		0	38,991,724
MIKES CREEK	Johnson	Morrow	1985		0	0
		Boone	1985			0
MINERAL SPRINGS	Washington				0	0
MORELAND	Pope	Atoka	1954		744,421	101,718,578
		Morrow	1956			0
MT. NEBO	Yell	Atoka	1959	1960	0	0
NATURAL DAM	Crawford	Atoka	1978		12,766	12,766
NEW HOPE	Pope	Atoka	1961		372,692	15,840,902
		Morrow				0
NEW QUITMAN					0	283,050
OAK GROVE	Pope	Atoka			344,444	29,897,036
		Penters	1975			0
OLD HICKORY	Conway	Atoka	1958	1985	0	493,258
OZARK	Franklin	Atoka	1930		436,793	8,946,220
		Morrow	1961			0
OZARK (SHALLOW)					1,605	830,181
OZARK (DEEP)					6,872	4,725,888
OZARK (ANDERSON)					0	1,782,738
OZARK (NEW)					0	27,881,096
OZONE	Johnson	Atoka	1974		328,344	16,152,476
		Morrow				0
		Pitkin				0
		Boone	1974			0
PARADISE	Franklin	Morrow	1961		0	0
PARIS	Logan	Atoka	1966		500,666	32,787,611
		Morrow				0
PEARSON	Cleburne	Morrow	1981	1983	0	0
PETER PENDER	Franklin	Atoka	1962		2,664,377	153,495,494
		Morrow	1959			0
PINE RIDGE	Logan	Atoka	1986		20,146	811,093

NORTH ARKANSAS RESERVOIR DATA						
FIELD	COUNTY	FORMATION	YEAR OF DISCOVERY	YEAR ABANDONED	2008 ANNUAL GAS (MCF)	CUMMULATIVE MCF
PINEY CREEK					0	59,261
POSSOMTROT	Franklin	Atoka	1966		195,663	20,883,141
		Morrow	1966			0
PRAIRIE VIEW	Logan	Atoka	1954		349,777	8,298,023
		Morrow				0
QUITMAN	Cleburne	Atoka	1959	1992	0	318,185
QUITMAN, NEW	Cleburne	Fayetteville			0	0
	Faulkner					0
RENA	Crawford	Hale & Boone			12,241	256,367
RICH HOLLOW	Washington	Wedington	1990		2,589	140,390
RICH MOUNTAIN					0	1,748,896
RICH MOUNTAIN WEST	Logan				0	0
ROCK CREEK	Franklin	Atoka	1959		130,285	19,762,526
		Morrow				0
		Wedington				0
ROSS	Johnson	Atoka	1959		942,977	152,284,823
	Pope	Morrow				0
RUDY	Crawford	Atoka	1949		57,425	5,798,711
		Morrow				0
		Boone				0
SCOTLAND	Van Buren	Fayetteville			0	1,273,654
SCOTTSVILLE	Pope	Atoka	1960		0	158,111
SCRANTON	Johnson	Atoka	1960		1,633,265	84,970,327
		Morrow				0
SECTION 10	Crawford	Atoka	1920		0	3,804,847
		Uncontrolled			45,348	564,591
SHIBLEY	Crawford	Atoka	1927		0	9,793,741
		Uncontrolled			156,522	2,366,378
SILEX	Pope	Atoka	1942		596,047	45,774,162
		Morrow				0
		Uncontrolled			0	170,540
SLAYTONVILLE	Sebastian	Atoka	1971		0	2,631,562
SMOKEY ROAD					0	142,935
SPADRA	Johnson	Atoka	1954		1,731,481	394,285,587
	Logan	Morrow				0
ST. VINCENT	Conway	Morrow	1976	1983	0	0
SUGAR GROVE	Logan	Atoka	1966	1976	0	0
Sugarloaf Mountain					803,553	1,216,364
SUNSET	Washington	Wedington	1988		2,712	113,805
TATES ISLAND	Pope	Atoka	1929	1985 TA	0	8,253,135
TUCKS CHAPEL	Benton	Everton	1967	1968	0	0
UNION CITY	Johnson	Atoka	1958		1,244,739	128,136,408
		Morrow	1958			0
URSULA	Sebastian	Atoka	1963		366,543	20,017,899
		Uncontrolled			18,045	504,446
VESTA	Franklin	Atoka	1932		1,289,439	16,022,993

NORTH ARKANSAS RESERVOIR DATA						
FIELD	COUNTY	FORMATION	YEAR OF DISCOVERY	YEAR ABANDONED	2008 ANNUAL GAS (MCF)	CUMMULATIVE MCF
		Atoka	1961			23,574,350
		Morrow				0
		Uncontrolled			46,778	566,224
WATALULA	Franklin	Atoka	1953		68,084	4,896,955
WAVELAND	Yell	Atoka	1966		0	58,846,018
WEDINGTON	Washington	Sylamore	1983		0	849,033
WEST FORK	Washington	Sylamore	1953		0	1,332,832
WHITE OAK	Franklin	Atoka	1943		4,182,296	283,354,111
		Morrow	1958			0
		Boone				0
		Penters				0
WHITE ROCK MOUNTAIN	Franklin	Morrow	1984		0	184,697
		Wedington				14,201
WILLIAMS	Crawford	Atoka	1918			50,914,022
		Uncontrolled				0
WILLIAMS DEEP		Uncontrolled			221,199	2,254,220
WILLIAMS SHALLOW					3,611	52,606
WINSLOW	Washington	Wedington	1987		17,751	2,519,719
WITCHERVILLE	Sebastian	Atoka	1970		0	35,013,800
WONDERVIEW	Conway	Fayetteville			0	25,872
WYMAN	Washington	Sylamore	1985		-	0
					-	0
<b>TOTAL</b>					<b>442,421,054</b>	<b>6,943,773,901</b>

**Arkansas Brine Production  
1979 – 2008**

<b>YEAR</b>	<b>BARRELS</b>
1979.....	113,592,673
1980.....	183,875,440
1981.....	191,624,074
1982.....	189,407,705
1983.....	201,231,245
1984.....	235,726,972
1985.....	208,648,907
1986.....	203,240,401
1987.....	205,044,975
1988.....	222,819,711
1989.....	235,804,261
1990.....	241,020,532
1991.....	235,988,715
1992.....	231,928,936
1993.....	237,747,546
1994.....	275,331,857
1995.....	311,439,117
1996.....	324,756,326
1997.....	352,622,166
1998.....	324,727,490
1999.....	301,514,302
2000.....	321,518,739
2001.....	309,000,330
2002.....	322,563,813
2003.....	301,118,442
2004.....	326,469,195
2005.....	251,628,561
2006.....	293,118,746
2007.....	285,385,870
2008.....	286,724,347

**Brine Production  
2008**

<b>FIELD</b>	<b>BARRELS</b>
Atlanta.....	3,233,643
Big Creek .....	4,382,388
Burns Pond.....	10,665,041
Cairo.....	10,612,516
Catesville.....	34,996,060
Hibank.....	10,267,718
Hogg.....	2,821,708
Kerlin .....	15,944,274
Kilgore Lodge .....	42,506,147
Lisbon .....	14,897,999
Magnolia .....	18,154,610
Marysville .....	51,598,744
Shuler East .....	5,603,967
Village.....	20,897,724
Warnock Springs.....	23,205,640
Wilks .....	16,936,168
<b>TOTAL</b>	<b>286,724,347</b>