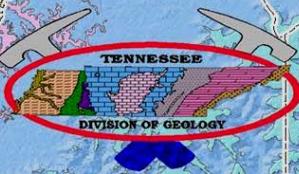




DEPARTMENT OF  
ENVIRONMENT &  
CONSERVATION

# Oil and Gas Activity in Tennessee During 2010

Tennessee Oil & Gas Association  
40<sup>th</sup> Annual Convention  
Nashville, Tennessee  
May 11 - 13, 2011







# **OIL AND GAS ACTIVITY IN TENNESSEE DURING 2010**

**By**

**Ronald P. Zurawski, State Geologist and Director  
Tennessee Division of Geology  
13th Floor, L & C Tower  
Nashville, TN 37243  
Phone: (615) 532-1502; Fax: (615) 532-1517  
E-mail: Ronald.Zurawski@tn.gov**

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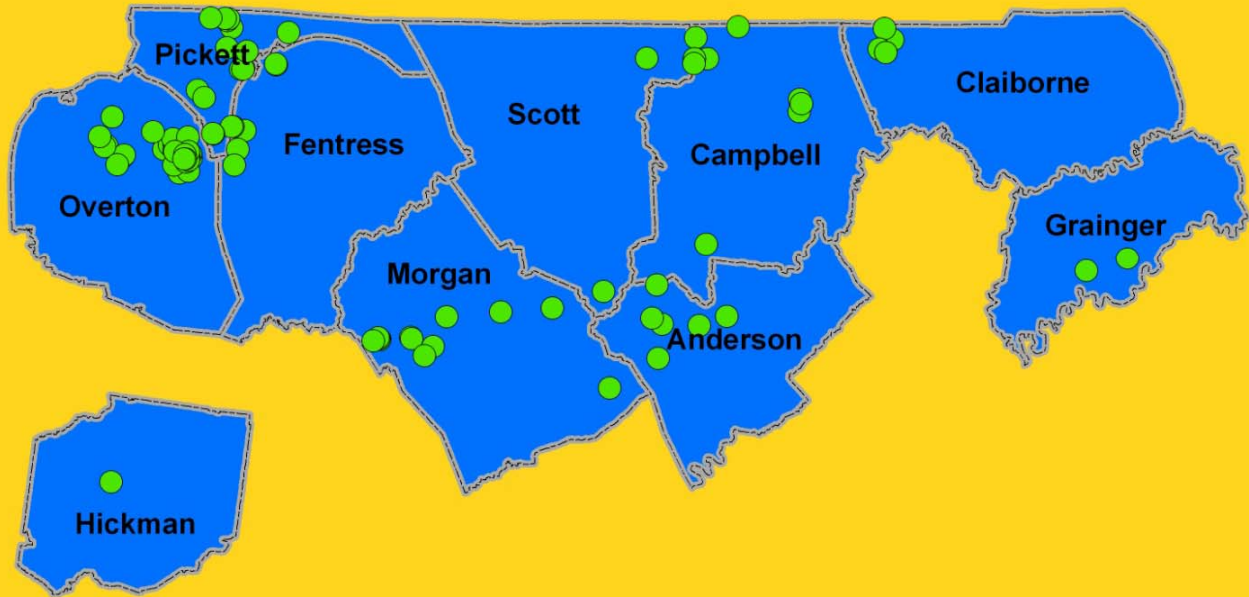
## **Introduction**

Tennessee's oil and gas activity declined in three key areas, and improved in three during 2010. Well permitting, oil production, and gas production all decreased, while completions, the average price per barrel of oil, and the average price per Mcf of gas all increased.

## **Permitting Activity**

Oil and gas well permitting activity in Tennessee decreased by more than seven percent during 2010. Figure 1 shows the 10 counties that had permitting activity in 2010, one less than in 2009. A total of 105 permits were issued, compared to 113 in 2009. The first table shows the complete county breakdown of permits issued during 2010. Overton was the most active, with 46. Pickett County had 15, and Morgan was third, with 12 permits. With 58 percent of the permits issued in 2010, the Eastern Highland Rim (Overton and Pickett counties) once again overshadowed the Cumberland Plateau in terms of permitting activity. This reverses a four-year trend when permitting activity began moving away from the Eastern Highland Rim in favor of the Cumberland Plateau. Permitting on the Cumberland Plateau (Anderson, Campbell, Claiborne, Fentress, Morgan, and Scott counties) decreased, to more than 39 percent of the total, down from 51 percent in 2009. Two wells were permitted in the Eastern Overthrust area of Tennessee, down two from 2009, and one was permitted on the Western Highland Rim.

**Figure 1. Counties with Permits Issued During 2010**



**PERMITS ISSUED BY COUNTY DURING 2010**

Overton .....	46
Pickett .....	15
Morgan.....	12
Campbell.....	7
Fentress .....	7
Anderson.....	6
Claiborne.....	5
Scott .....	4
Grainger .....	2
Hickman.....	1
<hr/>	
Total .....	105

## Oil and Gas Well Completions

The Tennessee Division of Geology classified 24 oil and gas tests during 2010, up from 20 in 2009. The 2010 completions included nine new field wildcats, two development wells, and 13 abandoned locations. There were two oil wells, four gas, and five dry holes. The overall success rate was nearly 55 percent, while the success rate for new field wildcats was more than 44 percent, and for development wells was 100 percent. Since 1980 the overall success rate has averaged nearly 60 percent. Total drilling footage reported was 16,891 feet. Since 1982 total drilling footage reported is 11,184,713 feet, averaging 385,680 feet per year.

### SUMMARY OF TENNESSEE WELL COMPLETION ACTIVITY

<u>Year</u>	<u>Oil</u>	<u>Gas</u>	<u>O&amp;G</u>	<u>Dry</u>	<u>Total</u>	<u>Abd. Loc.</u>
1980	103	189	0	59	351	0
1981	104	133	0	79	316	0
1982	142	137	23	91	393	0
1983	229	390	24	346	1163	174
1984	201	385	42	309	1045	108
1985	184	359		296	1017	62
1986	110	227	69	144	563	13
1987	42	75	24	160	317	16
1988	44	131	22	132	344	15
1989	32	74	18	72	210	14
1990	10	58	24	73	166	1
1991	13	29	13	55	110	0
1992	19	29	14	51	114	1
1993	27	56	5	53	141	0
1994	26	39	10	86	161	0
1995	13	14	6	75	109	1
1996	13	16	1	74	104	0
1997	12	26	5	87	130	0
1998	17	21	7	80	125	0
1999	24	7	2	74	107	0
2000	28	20	4	126	178	0
2001	26	18	5	183	234	2
2002	0	19	0	91	112	2
2003	2	3	0	12	17	0
2004	1	1	0	0	2	0
2005	4	6	2	128	143	3
2006	3	2	0	10	31	16
2007	0	0	0	3	6	3
2008	15	69	3	31	124	23
2009	2	8	0	1	20	9
2010	2	4	0	5	24	13
<b>Totals</b>	<b>1,448</b>	<b>2,545</b>	<b>439</b>	<b>2,986</b>	<b>7,894</b>	<b>476</b>

Success.....4432/7418 .....59.75%

## DRILLING FOOTAGE REPORTED IN TENNESSEE

Year	Footage	Year	Footage	Year	Footage	Year	Footage
1982	678,382	1989	297,014	1996	192,536	2003	32,085
1983	1,507,682	1990	298,452	1997	248,808	2004	1,810
1984	1,532,208	1991	184,455	1998	231,690	2005	226,372
1985	1,453,109	1992	205,558	1999	193,418	2006	30,908
1986	818,582	1993	274,072	2000	330,604	2007	4,705
1987	468,677	1994	298,212	2001	419,289	2008	329,868
1988	482,037	1995	215,048	2002	183,551	2009	28,690
						2010	16,891
Total .....			11,184,713	Average .....			385,680

### Oil Production

Oil production totaled 256,505 barrels during 2010, a decrease of nearly eight percent from the 278,048 barrels that were produced in 2009, continuing a recent downward trend. Eleven counties reported production, the same as in 2009. These are shown in Figure 2. The average price per barrel increased to \$72.04, resulting in a total value of nearly \$18.5 million, up from more than \$14.7 million in 2009, when the average price per barrel was \$53.01. The value of Tennessee's oil production reached an all-time high of nearly \$36 million in 1982, when the average price per barrel was \$30.93. For the state of Tennessee, the 2010 oil production generated severance tax revenue of more than \$550,000.

The second table shows the complete county breakdown for oil produced in Tennessee during 2010. Overton County remained the leader, with 75,898 barrels, or nearly 30 percent of the state's total. Morgan County moved up from third to second place, with 54,556 barrels, and Scott County moved up from fourth to third place, with 40,682 barrels. Anderson County dropped from second to fourth place, while Fentress County remained in fifth. Pickett County moved up from seventh to sixth place, while Claiborne County dropped from sixth to seventh. Campbell County moved up from tenth to eighth place, while Clay County dropped from ninth to tenth place. Hancock County dropped from eighth to ninth place, while Clay County dropped from ninth to tenth place. Cumberland County remained in eleventh place.

Figure 3 shows the location of the most productive oil wells in Tennessee during 2010. These six wells, all of which produced at least 5,000 barrels of oil during the year, accounted for 37,649 barrels, or nearly 15 percent of Tennessee's total production during 2010. During 2009, Tennessee's seven most productive oil wells accounted for 58,106 barrels, or nearly 21 percent of the state's total annual production.

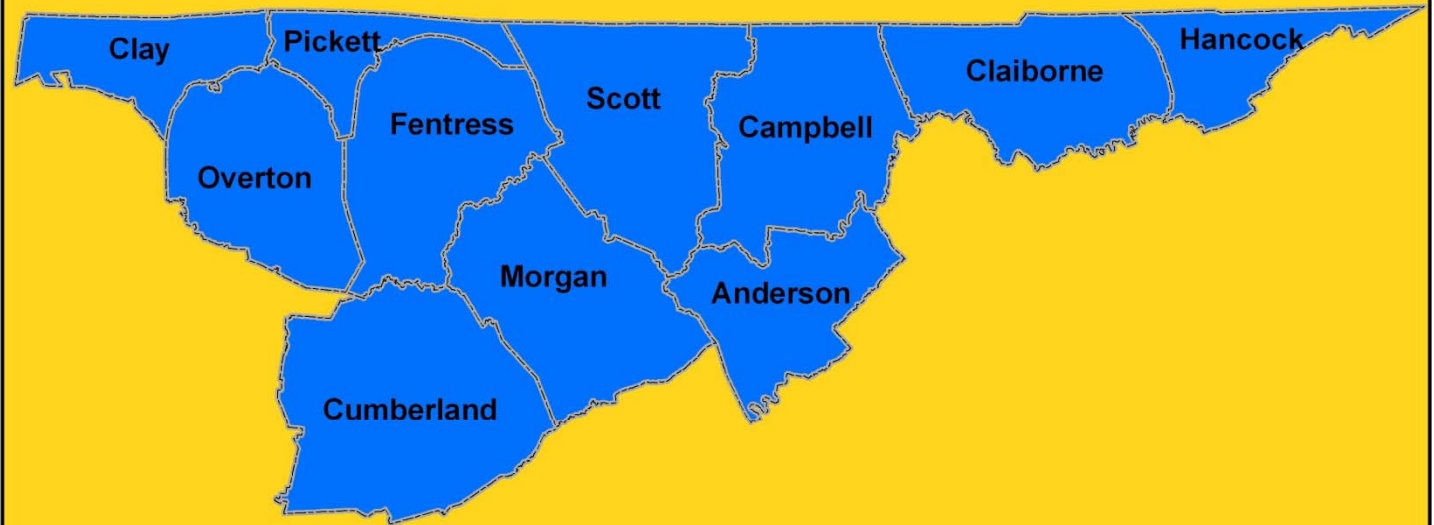
The Myrna Bayer Revocable Trust #4, by Overton Oil and Gas, a new field wildcat in Overton County, was the state's most productive oil well. It produced a total of 7,160 barrels

from the Sunnybrook from October through December of 2010, with a market value of nearly \$520,000. The second most productive oil well was the Wayne Brown #3, by Ohio Kentucky Oil Corporation, a development well in the Miller Mountain field in Overton County. It produced a total of 6,788 barrels in 2010, with a market value of nearly \$490,000. Cumulative production is 262,334 barrels from the Nashville and Stones River groups since August of 1994. The Coal Creek Mining and Manufacturing Company #CCLC-20, by Atlas America, a development well in the Briceville field in Anderson County, was the third most productive oil well. It produced a total of 6,438 barrels in 2010, with a market value of more than \$460,000. Cumulative production is 19,022 barrels from the Monteagle Limestone since June of 2008. The fourth most productive oil well was the Wilburn Wright Trust #6TW, by National Energy Development, a new field wildcat in Overton County. It produced a total of 6,362 barrels in 2010, with a market value of nearly \$460,000. Cumulative production is 26,789 barrels from the Trenton Group since April of 2008. The Charles & Lynda Anderson Unit #4, by TN-K Energy Group, Incorporated, a new field wildcat in Overton County, was the fifth most productive oil well. It produced a total of 5,891 barrels from the Sunnybrook from June through December of 2010, with a market value of more than \$420,000. The sixth most productive oil well was the Butris Threet #GK4, by Keblo Energy, LLC, a new field wildcat in Fentress County. It produced a total of 5,010 barrels from the Stones River Group from April through December of 2010, with a market value of more than \$360,000.

The Wayne Brown #3 continues to be Tennessee's most productive oil well on record. The third table shows all of Tennessee's oil wells with cumulative production of at least 100,000 barrels.

Cumulative oil production for the entire state now stands at more than 22 million barrels, with an estimated total value of more than \$510 million.

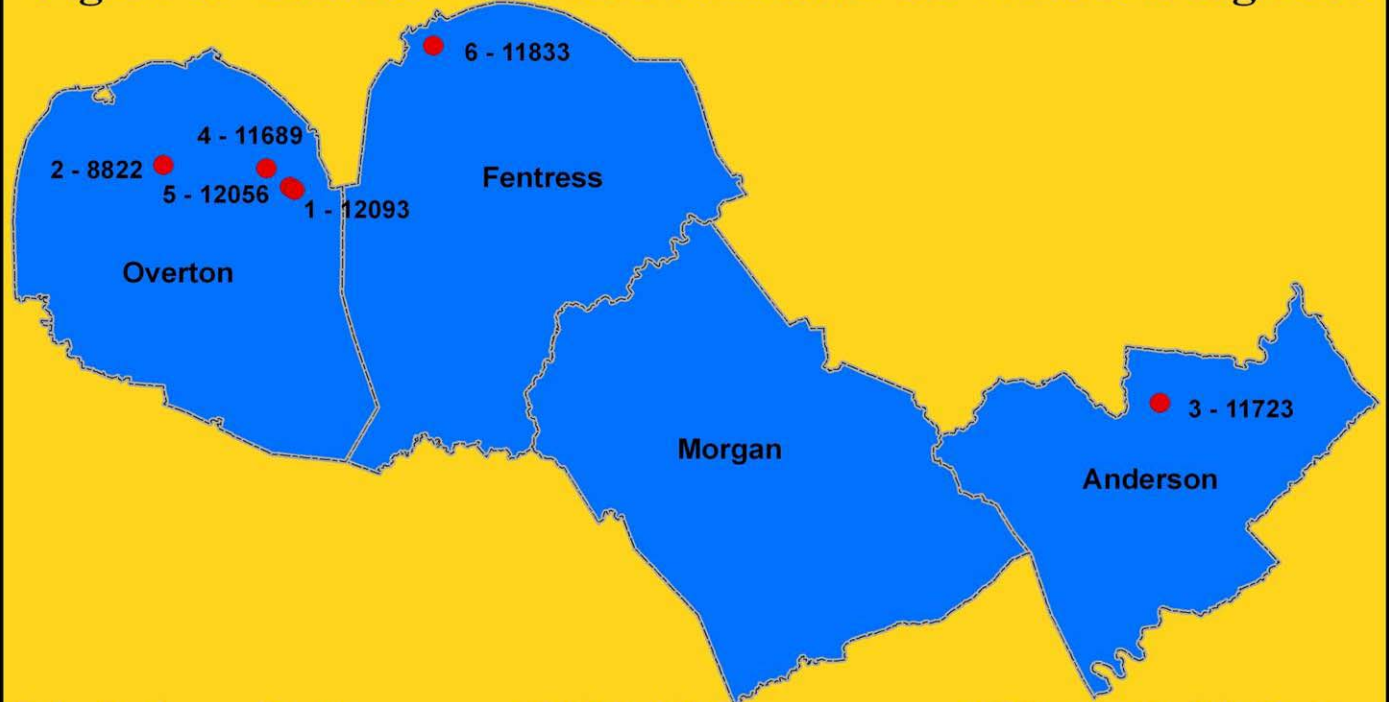
**Figure 2. Counties with Oil Production During 2010**



**TENNESSEE OIL PRODUCTION (BBLs) DURING 2010**

Overton.....	75,898
Morgan.....	54,556
Scott.....	40,682
Anderson.....	29,493
Fentress.....	25,599
Pickett.....	11,810
Claiborne.....	11,573
Campbell.....	5,336
Hancock.....	946
Clay.....	578
Cumberland.....	34
<b>Total</b>	<b>256,505</b>

**Figure 3. Tennessee's Most Productive Oil Wells During 2010**



<u>Rank</u>	<u>Permit</u>	<u>Operator</u>	<u>Well Name &amp; Number</u>	<u>2010 Barrels</u>	<u>Cumulative Barrels</u>	
1.	12093	Overton Oil & Gas	Myrna Bayer Revocable Trust #4	7,160	7,160	(10/10)
2.	8822	OH-KY Oil Corp.	Wayne Brown #3	6,788	262,334	(08/94)
3.	11723	Atlas America	Coal Creek Mining & Mfg. Co. #CCLC-20	6,438	19,022	(06/08)
4.	11689	National Energy Dev.	Wilburn Wright Trust #6TW	6,362	26,789	(04/08)
5.	12056	TN-K Energy Gp. Inc.	Charles & Lynda Anderson Unit #4	5,891	5,891	(06/10)
6.	11833	Keblo Energy LLC	Butris Threet #GK4	5,010	5,010	(04/10)

**Tennessee's Most Productive Oil Wells**

<u>County</u>	<u>Field</u>	<u>Permit</u>	<u>Operator</u>	<u>Well Name</u>	<u>Production (barrels)</u>	<u>Period</u>	<u>Interval</u>
Overton	Miller Mountain	8822	OH-KY Oil Corp.	Wayne Brown #3	262,333.53	08/94 - 12/10	Nashville/ Stones River Group
Claiborne	Days Chapel	4112	Chesapeake Energy	J. M. Huber Corp. #AT-6	162,456.03	12/81 - 12/09	Monteagle
Morgan	Burrville North	792	Dixie Oil Co. & PDC	O. Davidson – R. Mason Unit #1	157,524.60	01/75 - 12/10	Fort Payne
Scott	Gum Branch	2612	Vernon Lawhorn	Vernon Lawhorn Et Al #1	137,888.68	02/80 – 06/95	Monteagle/ Fort Payne
Overton	Good Hope	2316	Sang-Chris Oil Co., Inc.	John Billings #1	128,199.36	07/79- 07/88	Stones River Group
Claiborne	Days Chapel	8381	Chesapeake Energy	J. M. Huber Corp. #AT-102	128,069.31	01/90 – 12/10	Monteagle

## Gas Production

Gas production decreased by slightly more than two percent during 2010, to more than 5.1 billion cubic feet, down from more than 5.2 billion cubic feet in 2009. This reverses a six year upward trend, when last year's total had surpassed Tennessee's previous all-time high of more than 5 billion cubic feet in 1984. Production came from seven counties, one less than in 2009. These are shown in Figure 4. The average price increased, to \$4.35 per thousand cubic feet, up from last year's average of \$4.02. Total value also increased, to more than \$22 million, up from more than \$21 million in 2009. For the state of Tennessee, the 2010 gas production generated severance tax revenue of more than \$650,000. The fourth table shows the complete county breakdown for gas produced during 2010. Anderson County remained in first place, with 2,401,164 Mcf, or nearly 47 percent of the state's total. Morgan County remained in second place, with 1,082,848 Mcf, and Scott County remained in third, with 819,547. Campbell County moved up from fifth to fourth place, with 486,019 Mcf, and Claiborne County dropped from fourth to fifth place, with 284,567 Mcf. Hancock County remained in sixth, with 59,559, and Roane County remained in seventh place, with 10,323 Mcf. Overton County reported no gas production in 2010.

Figure 5 shows the location of the most productive gas wells in Tennessee during 2010. These nine wells, all of which produced at least 50,000 Mcf during the year, accounted for 688,649 Mcf, or more than 13 percent of Tennessee's total gas production during 2010. During 2009, Tennessee's eight gas wells that produced at least 50,000 Mcf during the year accounted for 661,679 Mcf, or more than 12 percent of the state's total annual production.

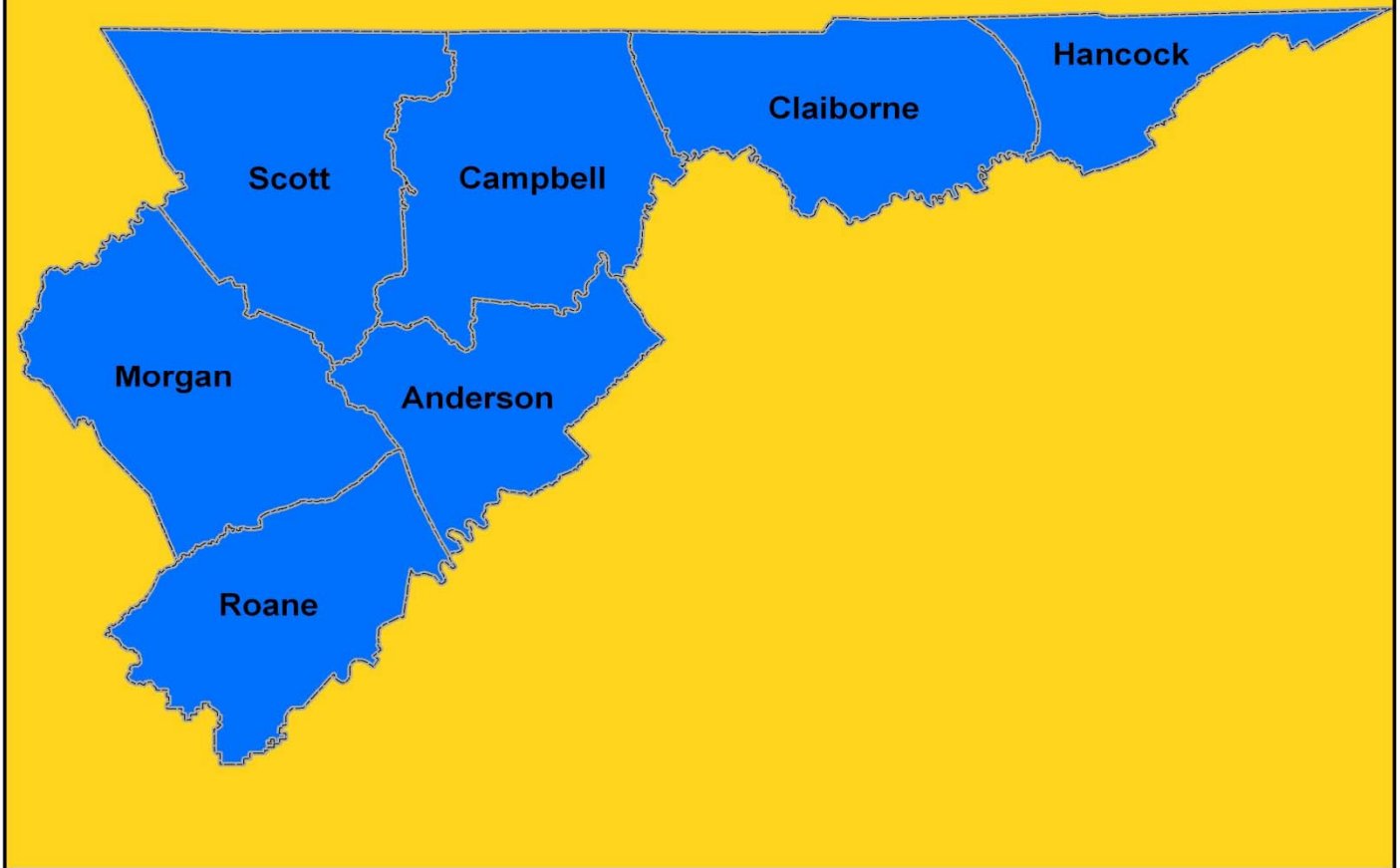
The Coal Creek Company #CH-2001, a horizontal well by Knox Energy, LLC, a new field wildcat in Anderson County, was the state's most productive gas well. It produced a total of 124,806 Mcf in 2010, with a market value of more than \$540,000. Cumulative production is 300,847 Mcf from the Chattanooga Shale since October of 2008. The second most productive gas well was the #CC-1010, also by Knox Energy, LLC, and another horizontal well and new field wildcat in Anderson County. It produced a total of 83,812 Mcf from the Chattanooga Shale from May through December of 2010, with a market value of more than \$360,000. The Coal Creek Company #CH-1012, another horizontal well and new field wildcat in Anderson County by Knox Energy, LLC, was the state's third most productive gas well. It produced a total of 80,853 Mcf in 2010, with a market value of more than \$350,000. Cumulative

production is 194,123 Mcf from the Chattanooga Shale since January of 2009. The fourth most productive gas well was the Coal Creek Mining & Manufacturing Company #CCLC-48, by Atlas America, a new field wildcat in Anderson County. It produced a total of 80,187 Mcf in 2010, with a market value of nearly \$350,000. Cumulative production is 168,989 Mcf from the Monteagle Limestone since January of 2009. The Walls Properties #WH-1004, by Knox Energy, LLC, another horizontal well and new field wildcat in Morgan County, was the state's fifth most productive gas well. It produced a total of 72,770 Mcf in 2010, with a market value of nearly \$320,000. Cumulative production is 145,436 Mcf from the Chattanooga Shale since May of 2009. The sixth most productive gas well was the Coal Creek Mining and Manufacturing Company #CC-1020, also by Knox Energy, LLC, yet another horizontal well and new field wildcat in Anderson County. It produced a total of 69,713 Mcf from the Chattanooga Shale from June through December of 2010, with a market value of more than \$300,000. The MP0406 #AH-1004, also by Knox Energy, LLC, still another horizontal well and new field wildcat in Scott County, was the state's seventh most productive gas well. It produced a total of 64,370 Mcf from the Chattanooga Shale from August through December of 2010, with a market value of more than \$280,000. The eighth most productive gas well was the Emory River, LLC #HH-1024, also by Knox Energy, LLC, another horizontal well and new field wildcat in Morgan County. It produced a total of 61,498 Mcf from the Chattanooga Shale from July through December of 2010, with a market value of nearly \$270,000. The Coal Creek Company #CCH-1001, also by Knox Energy, LLC, another horizontal well and new field wildcat in Morgan County, was the state's ninth most productive gas well. It produced a total of 50,640 Mcf in 2010, with a market value of more than \$220,000. Cumulative production is 204,401 Mcf from the Chattanooga Shale since December of 2007.

The Teague Heirs Et Al Community #1 in Claiborne County continues to be Tennessee's most productive gas well on record, with cumulative production of 935,493 Mcf from the Monteagle Limestone since January of 1990. The fifth table shows all of Tennessee's gas wells with cumulative production of at least 500,000 Mcf.

Cumulative gas production in Tennessee is now nearly 134 billion cubic feet, with an estimated total value of nearly \$303 million.

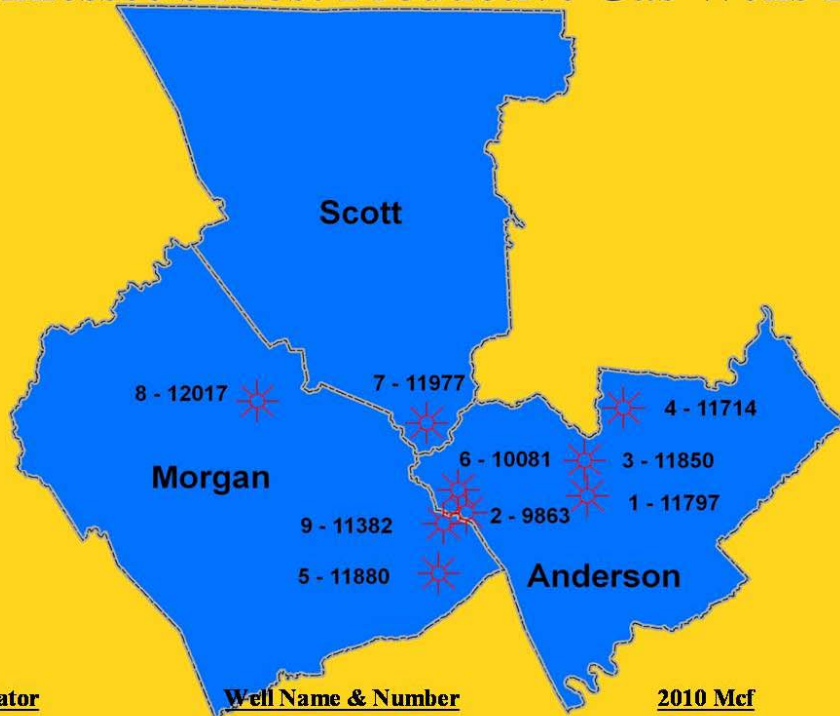
**Figure 4. Counties with Gas Production During 2010**



**TENNESSEE GAS PRODUCTION (MCF) DURING 2010**

Anderson .....	2,401,164
Morgan .....	1,082,848
Scott .....	819,547
Campbell .....	486,019
Claiborne .....	284,567
Hancock .....	59,559
Roane .....	10,323
Total	<hr/> 5,144,027

**Figure 5. Tennessee's Most Productive Gas Wells During 2010**



Rank	Permit	Operator	Well Name & Number	2010 Mcf	Cumulative Mcf
1.	11797	Knox Energy, LLC	The Coal Creek Company #CH-2001	124,806	300,847 (10/08)
2.	9863	Knox Energy, LLC	CC #1010	83,812	83,812 (05/10)
3.	11850	Knox Energy, LLC	The Coal Creek Company #CH-1012	80,853	194,123 (01/09)
4.	11714	Atlas America	Coal Creek Mng & Mfg Co #CCLC-48	80,187	168,989 (01/09)
5.	11880	Knox Energy, LLC	Walls Properties #WH-1004	72,770	145,436 (05/09)
6.	10081	Knox Energy, LLC	Coal Creek Mng & Mfg Co #CC-1020	69,713	69,713 (06/10)
7.	11977	Knox Energy, LLC	MP0406 #AH-1004	64,370	64,370 (08/10)
8.	12017	Knox Energy, LLC	Emory River LLC #HH-1024	61,498	61,498 (07/10)
9.	11382	Knox Energy, LLC	The Coal Creek Company #CCH-1001	50,640	204,401 (12/07)

**Tennessee's Most Productive Gas Wells**

County	Field	Permit	Operator	Well Name	Production (Mcf)	Period	Interval
Claiborne	NFW	5620	Chesapeake Energy	Teague Heirs Et Al Community #1	935,493	01/90 - 12/10	Monteagle
Fentress	Hurricane Ridge West	1577	Saint Joseph Petroleum, Inc.	Stearns Coal & Lumber #1	813,614	12/83 - 05/07	Fort Payne
Hancock	NFW	9278	Tengasco, Inc.	Warren Reed #2	760,343	04/01 - 12/10	Knox Group

## **Oil and Gas Board Activity**

The State Oil and Gas Board held two general hearings during 2010. On May 24 the board approved a request by National Energy Development to twin the Clyde McDonald Heirs Twin well #4N with the Clyde McDonald Heirs well #1, Permit No. 11837 in Overton County in order to produce oil and gas from a different pool. The board also denied a request by Rome Oil and Gas Company to apply a vacuum pump to the Coleman Crouch well #5, Permit No. 11992 in Pickett County. In addition, the board heard a request by Alan Rader for consideration of a proposed change to the Mineral Test Hole regulations with regard to the current requirement that all mineral test holes are to be plugged immediately upon completion. The proposed rule change would allow for the casing to be cemented in selected mineral test holes in order to allow them to be permitted for the purpose of deepening them for oil and gas exploration.

On November 18 the board discussed the formal procedure for consideration and adoption of proposed changes to the General Rules and Regulations of the Tennessee State Oil and Gas Board. The board also reviewed the state's Conflict of Interest Policy that would be addressed at a board orientation meeting on January 5, 2011.

## **Computerized Oil and Gas Database**

Well information continues to be added to our oil and gas database that combines all information related to oil and gas permitting and production into one integrated file. The database is a Microsoft Access based system that is shared between the divisions of Geology, Water Pollution Control, and the Financial Responsibility group. The database currently contains information on more than 15,370 wells. Copies of the database are available for a one-time cost of \$300. Updates are provided to subscribers upon request.

Because of limitations within Access, the formation tops table has reached its capacity. As a result, we have been unable to add tops information into the system since July of 2008. In order to correct this and add additional capabilities, we have requested that the database be replaced with Oracle Application Express. This project is included in our department's 3-year information systems plan, but has not yet been started. It is estimated to cost between \$65,000 and \$79,000. Once it is complete, it will support the goal of integrating all individual data repositories into a centralized repository within the Department of Environment and Conservation.

## **Conclusion**

Permitting, oil production, and gas production all decreased during 2010, while completions, the price per barrel of oil, and the price per Mcf of gas all increased. During the first four months of 2010, however, permitting activity increased compared to the same period in 2009. The State Oil and Gas Board has issued 41 oil and gas well drilling permits, compared to 37 permits during the first four months of 2009.

In closing, I would once again like to thank all of the oil and gas purchasers and producers who continue to provide the State Oil and Gas Board with monthly or annual production reports. In particular, I would like to thank Amwes Resources Corporation; Atlas America; Barrett Oil Purchasing, Incorporated; Chesapeake Energy Corporation; Citizen's Gas Utility District; CNX Gas Company, LLC; Daugherty Petroleum; Delta Producers; Energy Associates, Incorporated; Miller Services, Incorporated; Tengasco, Incorporated; The Titan Energy Group, Incorporated; and Vinland Energy. Reports turned into the State Oil and Gas Board are our only source for accurate monthly production information by well and subsequently on a county basis. With the help of TOGA aiding the subsurface section by in putting production figures into our system, we are now including this information in the well room packets when the well is being worked on by the subsurface staff. If all of the oil and gas produced in Tennessee continues to be reported to the Division of Geology through the State Oil and Gas Board, then we are able to continue to provide accurate, complete, and verifiable production figures upon which both the oil and gas industry and the general public can rely.

I would finally like to thank Elaine Foust, who serves as supervisor of our subsurface geology section. She prepared all of the figures and put together the PowerPoint presentation for this report.

## SUMMARY OF TENNESSEE OIL AND GAS ACTIVITY

<u>Year</u>	<u>Permits</u>	<u>Oil prod.(barrels)</u>	<u>Value</u>	<u>Average Price</u>	<u>Gas production (Mcf)*</u>	<u>Value</u>	<u>Average price</u>
1866-1969		1,104,436	13,708,493				
1908-1969					51,311,756	335,000	
1968	13						
1969	27						
1970	161	318,613			63,959	13,000	.20
1971	179	400,508			90,305	20,000	.22
1972	137	198,234			24,636	8,000	.32
1973	128	204,827			31,497	6,000	.19
1974	250	768,674	7,256,283	9.44	16,628	6,000	.36
1975	254	682,457	7,855,080	11.51	26,651	12,000	.45
1976	180	598,427	8,210,418	13.72	46,964	24,000	.51
1977	318	819,747	11,271,521	13.75	262,460	195,000	.74
1978	397	593,130	7,532,751	12.70	467,762	767,000	1.64
1979	619	613,671	14,494,909	23.62	941,049	1,336,290	1.42
1980	927	742,926	25,437,786	34.24	1,248,094	2,196,645	1.76
1981	1228	917,524	32,636,329	35.57	1,718,915	4,383,233	2.55
1982	1069	1,157,897	35,813,754	30.92	3,026,863	9,080,589	3.00
1983	822	1,104,960	31,734,451	28.72	4,549,097	11,372,743	2.50
1984	670	967,719	28,063,851	29.00	5,022,717	17,579,510	3.50
1985	336	796,089	20,698,314	26.00	4,686,381	11,622,225	2.48
1986	248	644,497	9,667,455	15.00	3,464,266	6,166,393	1.78
1987	256	614,581	9,734,963	15.84	2,707,204	3,546,437	1.31
1988	93	600,466	8,400,519	13.99	2,102,074	3,026,987	1.44
1989	105	531,854	8,557,531	16.09	1,929,645	2,682,207	1.39
1990	76	508,292	10,023,518	19.72	2,078,415	3,429,385	1.65
1991	95	485,317	9,376,324	19.32	1,854,118	3,189,083	1.72
1992	85	500,724	9,108,170	18.19	1,777,736	3,182,147	1.79
1993	122	418,532	6,780,218	16.20	1,719,507	4,556,694	2.65
1994	119	417,083	5,826,650	13.97	1,991,493	4,321,540	2.17
1995	93	384,244	5,802,084	15.10	1,822,286	2,879,212	1.58
1996	86	380,750	7,340,860	19.28	1,692,234	4,332,119	2.56
1997	124	367,267	6,339,029	17.26	1,510,010	3,850,526	2.55
1998	141	305,597	3,386,015	11.08	1,416,109	3,058,795	2.16
1999	138	347,993	5,543,528	15.93	1,230,246	2,743,449	2.23
2000	205	346,332	9,101,592	26.28	1,154,197	4,709,124	4.08
2001	168	386,428	8,485,967	21.96	2,002,812	7,256,189	3.62
2002	140	316,234	6,922,362	21.89	2,051,213	6,990,641	3.41
2003	285	359,924	9,559,581	26.56	1,802,531	9,411,962	5.22
2004	223	362,032	13,199,266	36.46	2,145,981	14,477,704	6.75
2005	354	326,565	14,881,545	45.57	2,213,518	20,995,803	9.49
2006	386	261,575	14,925,470	57.06	2,662,584	18,052,320	6.78
2007	417	285,284	18,649,015	65.37	3,941,785	26,144,604	6.63
2008	258	345,653	31,807,451	92.02	4,668,728	41,313,582	8.85
2009	113	278,048	14,739,325	53.01	5,257,295	21,130,748	4.02
2010	105	256,505	\$18,478,620	\$72.04	5,144,027	\$22,384,305	\$4.35
<b>Totals</b>	<b>12,123</b>	<b>22,021,730</b>	<b>\$511,351,913</b>	<b>\$23.22</b>	<b>133,875,748</b>	<b>\$302,789,191</b>	<b>\$2.26</b>

\*Note: 1 Mcf = 1,000 cubic feet of natural gas