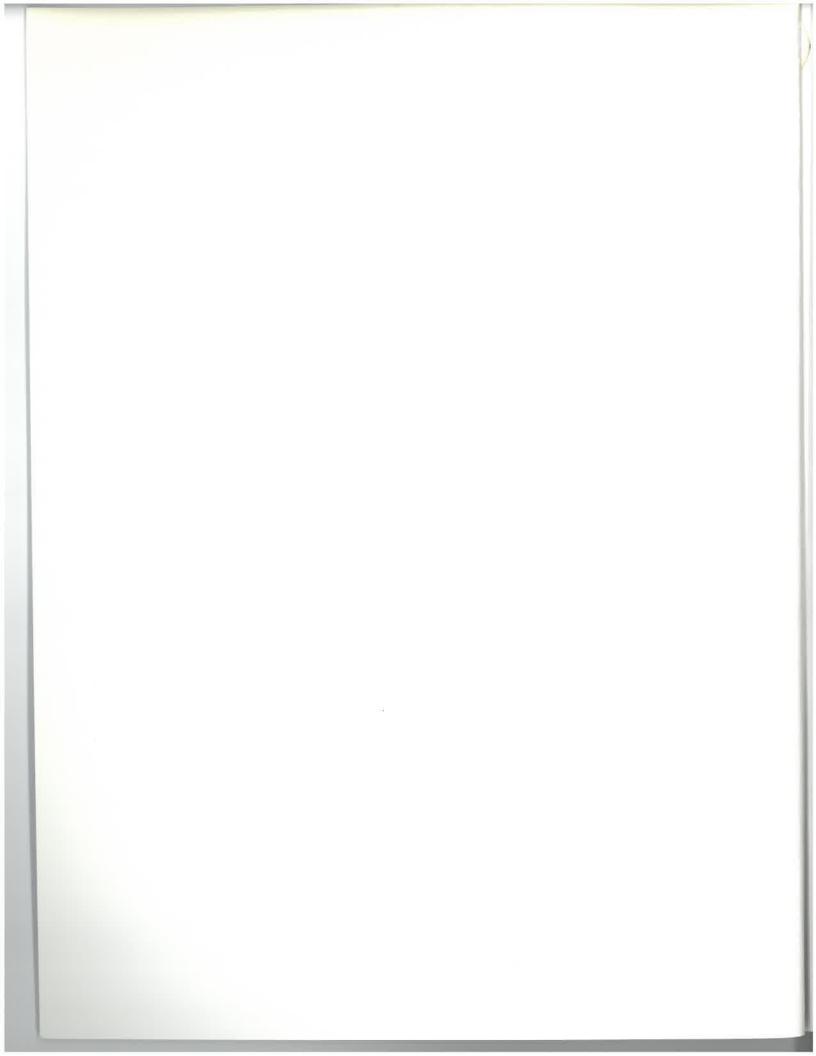
COMPLETE 1997 DATA REFERENCE FOR ALL VIRGINIA MINES, WITH NATURAL GAS SUPPLEMENT





VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

-VIRGINIA CENTER FOR COAL AND ENERGY RESEARCH-





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Foreword

The Virginia Center for Coal and Energy research is pleased to produce the 1998 edition of its annual Directory, Virginia Coal. This is one of the prime sources of statistics on Virginia coal production, mining methods and sales. Over the years, our Directories have tracked the performance and production of fuel source companies in Virginia. Despite the increasing accessibility of our data banks through our developing web site, the hard-copy form of the Directory remains in demand. The statistics reported in Virginia Coal are derived from a number of sources including, and particularly, the State Division of Mines, Minerals and Energy.

Last year we reported an increase in Virginia coal production to 36.8 million tons for 1996, halting the decline that had been going on since 1990. In 1997 the production was held almost steady at 36.9 million tons. These values are consistent with the predictions made in the 1996 VCCER Study on the tax credit legislation.²

The reporting of average mine prices for Virginia coal lags by a year because of a delay in the release of the data. Between 1995 and 1996, the average price remained nearly constant at \$28.47 and \$28.45 respectively. However, this represented a fall of about 80 cents in real value owing to changes in the Consumer Price Index.

Total gas production continues to rise in Virginia. Furthermore, this is due to the maintained increase in the output of coalbed methane. Of the 58.2 billion cubic feet of total gas produced in 1997, 38.9 billion cubic feet (68.3 per cent) derived from coalbed methane, an addition of 5.6 billion cubic feet over the 1996 coalbed methane figure. The production from conventional gas reservoirs fell from 20.1 billion cubic feet in 1996 to 18.2 billion cubic feet in 1997.

A new addition to the Directory this year is information relating to the use of diesel powered equipment in the underground coal mines of Virginia. The data are classified in terms of power range, number of cylinders per unit, engine manufacturer and type of equipment.

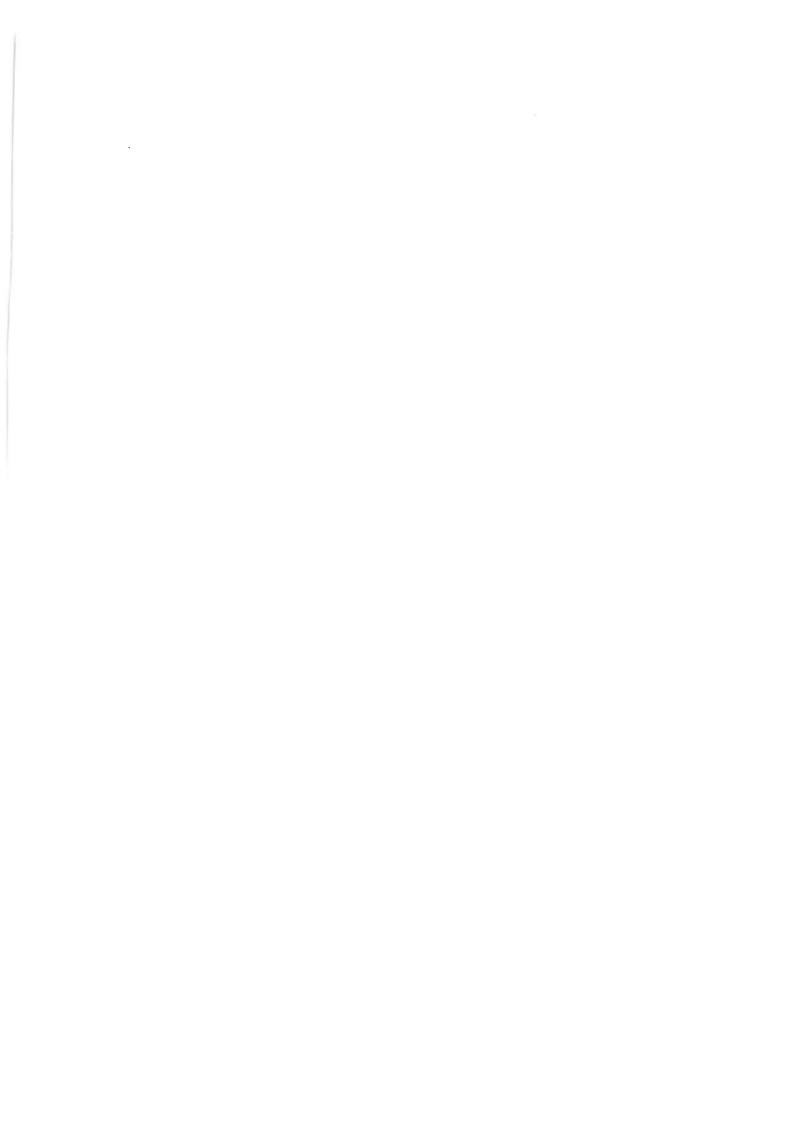
Malcolm J. McPherson Director

http://vccer.energy.vt.edu/

² Zipper, C. E. and S. M. Kambhampaty (1996) "Effects of Virginia Coalfield Employment Enhancement Tax Credit Legislation," Virginia Center for Coal and Energy Research, Report 96-01, 54pp.

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Virginia Coal

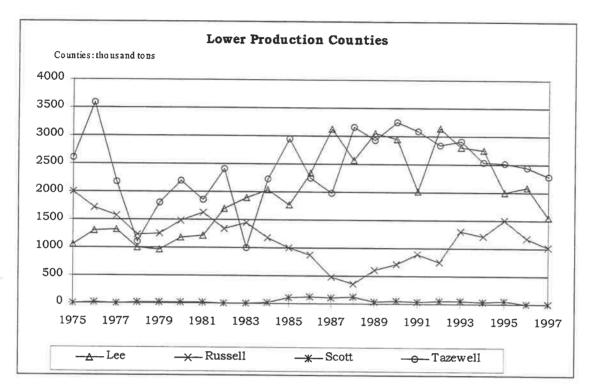
1998 VIRGINIA COAL

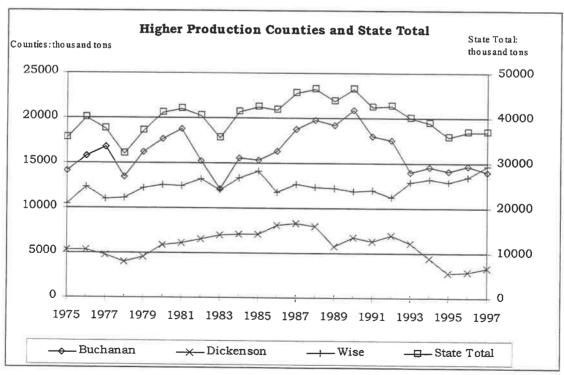
In 1997 the production of coal in Virginia was reported, by the Virginia Department of Mines, Minerals and Energy (Division of Mines), to be 36,889,166 tons. This is a slight increase over the production reported for 1996 (36,782,065 tons). Surface mine production lost the gains made in 1996, falling back to near the 1995 production level. Underground coal production increased to nearly 28 million tons. The total production trend is consistent with the expectations predicted by the VCCER with regards to the effect of the Employment Enhancement Tax Credit. While it may still be somewhat early to make a detailed assessment of the involvement of the Virginia coal mining industry in the Employment Enhancement Tax Credit program the records from the DMME indicate that nearly 30% of the mines reported tax credit production in seams less than or equal to 36 inches, and nearly 58% reported tax credit labor hours.

Reported labor hours of production personnel decreased in surface operations and increased slightly in underground operations. Overall, the trend was a reduction in the total labor effort. Production wages paid, shows a slight increase of about 1%. However, when this number is adjusted for the Consumer Price Index, it too is expected to show a real decrease. The productivity per labor hour of Virginia coal mines continues to rise. The average productivity was 3.2 tons per man-hour. In surface operations the productivity approaches 4.0 tons per man-hour, while in underground operations the productivity is 3.0 tons per man-hour.

³ Zipper, C. E. and S. M. Kambhampaty (1996) "Effects of Virginia Coalfield Employment Enhancement Tax Credit Legislation," Virginia Center for Coal and Energy Research, Report 96-01, 54pp.

COAL PRODUCTION BY COUNTY AND STATE TOTAL: 1975-1997





VIRGINIA'S LARGEST COAL-PRODUCING COMPANIES IN 1997

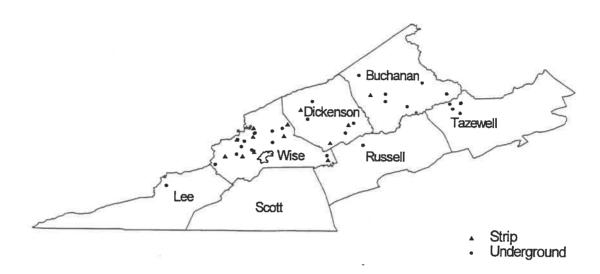
Division	Company	Mine	Production (tons)
Consolidation Coal	Consolidation Coal Co.	Buchanan #1	4,343,711
	Island Creek Coal Co.	VP #8	1,324,687
	Island Creek Coal Co.	VP #3	2,216,362
		Subtotal	2,210,362 7,884,760
The Pittston Company			
Pittston Coal Group	Clinchfield Coal Company	Hart Creek	201,626
_	, and a sum of the sum	Cherokee Mine	
		McClure #2	203,213
		Roaring Fork #2	362,703
		Laurel Mountain	464,550
Pyxis Resources	Sea B Mining Company	Big Creek Seaboard	494,065
	g company	Blair	255,755
	Paramont Coal Corporation	Cane Branch #42	272,646
		Silver Fox	200,122 282,654
		Deep Mine #24	288,496
		Deep Mine #23	336,684
		Deep Mine #22	368,891
		Deep Mine #21	633,683
	Motivation Coal Company	Hackney Hollow	5,341
	y	Black Bear	33,651
		Wampler Ridge	405,219
		Lovers Gap #16	666,200
		Subtotal	5,475,499
Dominion Coal Corporation	Dominion Coal Corporation	Dominion #39	681
		Dominion #38	685
		Dominion #34	15,870
		Dominion #36	15,870
		Dominion #8	74,885
		Dominion #7	74,919
		Dominion #30	90,608
		Dominion #21	231,233
		Dominion #16	251,620
		Subtotal	756,406
		Total	14,116,665

NOTE: Includes only company-owned mines which produced coal in 1997.

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia.

LOCATIONS OF TOP 50 PRODUCING MINES IN 1997

Showing only the coal producing counties of Virginia.



NOTE: Position based on coordinates reported by the mines to Virginia DMME.

NOTES: Continued

⁵ 1996 Steven R. Mullins (399,171)

^{6 1995} Canepatch Coal Co. Inc. (57,875) to Glamorgan Coal Company (111,012) 1994 J & E Coal Co. Inc. (59,387) to Canepatch Coal Co. Inc. (39,959)

⁷ 1996 Westmoreland (0) to Stoney Gap Coal Co. Inc. (25,344)

¹⁹⁹⁶ Westmoretand (0) to Stoney Gap Coal Co. Inc. (25,344)
1993 Plowboy Coal Company Inc. (105,826) to Har-Lee Coal Co. Inc. (116,762)
1993 CC Mining Inc. (48,658) to Warren Coal Co. Inc. (0) to Black Dog Coal Corporation (0)
1995 Westfork Coal Corporation (298,051)

¹⁹⁹⁴ Black Chariot Coal Co. Inc. (116,846) to Westfork Coal Corporation (39,370)

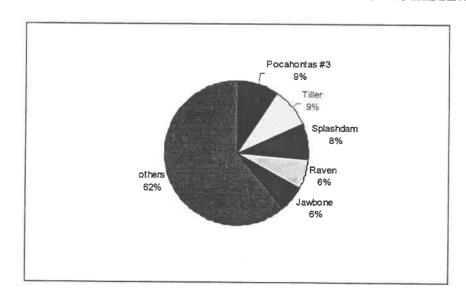
SUMMARY OF COAL MINING IN VIRGINIA BY SEAM: 1951–1997 continued

Coal Seam	Buchanan	Dickenson	Lee	Russell	Scott	Tazewell	Wise	TOTAL
Pocahontas #8	390	-	-	_	_	0.61	0.10	0.71
Raven	77.88	10.97	_	3.79	_	5.50	1.99	100.13
Red Ash	3.11	-	_	0.05	-	0.46	0.05	3.67
Rocky	-	-	-		_	-	0.11	0.11
Splashdam	97.37	30.35	0.02	0.47	_	-	4.32	132.53
Starnes	-	-	-	-	_	-	0.57	0.57
Standiford	-	-	-	-	-	_	2.10	2.10
Tacus	_	-	_	-	0.01	_	_	0.01
Taggart	-	-	22.98	-	_	-	49.85	72.83
Taggart Marker	-	-	4.55	-	_	_	9.86	14.41
Taggart E	-	-	-	-	_	_	0.03	0.03
Taggart F	-		-	-	_		0.01	0.01
Taggart H	-	5000	-	-	-		0.25	0.25
Tiller	18.11	91.40	-	27.45	_	4.93	0.20	142.09
Upper Banner	5.29	62.64	_	6.30	-	_	21.49	95.72
Upper Horsepen	-	-	-	-	-	13.41	-	13.41
Upper Mason	-	-	1.69	-	-	-	_	1.69
Upper St. Charles	-	-	0.15	_	-	_	_	0.15
Upper Seaboard	-	-	-	.550	-	1.02	-	1.02
Upper Standiford	-	-	8.78	583	-	-	15.08	23.86
Wallens	-	-	1.88	-	-	-	_	1.88
War Creek	0.07	-	-	-	-	0.04	_	0.11
Wax	-	-	4.77	-	-	-	0.13	4.90
Wilson	-	-	0.09	-	-	-	2.73	2.82
TOTAL	663.84	305.24	69.07	67.50	1.22	65.28	441.01	1613.16

Source: Virginia Department of Mines, Minerals and Energy, Division of Mineral Resources and Division of Mines, Big Stone Gap, Virginia.

Note: Figures calculated, and some rounded by VCCER; due to rounding, figures are approximate.

TOP FIVE PRODUCING SEAMS AND OTHERS AS A PERCENT OF TOTAL SINCE 1951



SUMMARY OF COAL MINING IN VIRGINIA BY COAL SEAM: 1996–1997 continued

Coal Seam	Buchanan	Dickenson	Lee	Russell	Tazewell	Wise	1997 TOTAL	
Upper Banner	0	761,494	0	042.620		202.626		
Upper Clintwood	0	701,797	Ū	243,632	0	390,636	1,395,762	1,593,988
	Ū	U	0	0	0	0	0	0
Upper Horsepen	0	0	0	0	760,526	0	760,526	708,524
Upper Mason	0	0	394,343	0	. 0	n	394,343	/
Upper Standiford	0	0	0	0	ō	178,935		,
Wallens	0	0	680.237	ō	0	1,0,500	680,237	745.775
War Creek	n	ñ	0	ő	3,382	0		745,775
Wax	ň	Õ	0	0	3,302	0.5	3,382	0
	Ü	0	0	0	0	26,506	26,506	16,072
Wilson	0	0	87,695	0	0	254,976	342.671	29,349
no seam indicated	0	0	0	0	0	5,200	5,200	0
TOTAL	13,974,832	3,360,165	1,548,812	1,009,029	2,285,455	14,710,873	36,889,166	36,782,062

Source: Virginia Department of Mine, Minerals, and Energy, Division of Mines, Big Stone Gap, Virginia.

COAL INDUSTRY DATA BY MINE SIZE: 1993–1997

Production Range

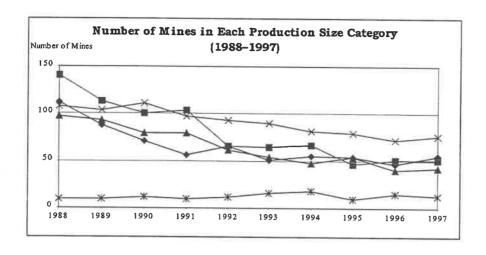
1993			10,000-	50,000-	100,000-	Over	
	0	1-9,999	49,999	99,999	499,999	500,000	Total
Number of Mines	129	51	64	54	90	16	404
Surface	34	16	15	7	25	4	101
Deep	95	35	49	47	65	12	303
% of Total	31.9	12.6	15.8	13.4	22.3	4.0	100
Tons Produced	0	198,199	1,867,211	3,920,992	20,432,040	13,672,122	40,090,56
% of Total	0	0.5	4.7	9.8	51.0	34.1	100
Employees	37	423	864	1,021	3,468	3,329	9,142
% of Total	0.4	4.6	9.5	11.2	37.9	36.4	100
Wages (\$1,000)	185	3,162	11,607	22,370	111,427	97,502	246,253
% of Total	0.1	1.3	4.7	9.1	45.2	39.6	100
Hours Worked	14,171	239,183	892,008	1,670,264	6,735,747	5,027,474	14,578,84
Productivity (t/hr)	0	0.83	2.09	2.35	3.03	2.71	2.75 (av.
1994			10,000-	50,000-	100,000-	Over	
1774	0	1-9,999	49,999	99,999	499,999	500,000	Total
Number of Mines	136	55	67	48	81	18	405
Surface	27	20	17	6	23	5	98
Deep	109	35	50	42	58	13	307
% of Total	33.6	13.6	16.5	11.9	20.0	4.4	100
Tons Produced	0	210,146	1,804,742	3,485,044	17,695,489	15,609,666	38,805,08
% of Total	0	0.5	4.7	9.0	45.6	40.2	100
Employees	119	459	1,057	923	2,974	2,782	8,314
% of Total	1.4	5.5	12.7	11.1	35.8	33.5	100
Wages (\$1,000)1	352	2,008	9,658	19,525	90,616	123,099	245,258
% of Total	0.1	0.8	3.9	8	37	50.2	100
Hours Worked	25,446	138,477	810,070	1,974,835	6,799,800	5,064,932	14,813,56
Productivity (t/hr)	0	1.52	2.23^{2}				

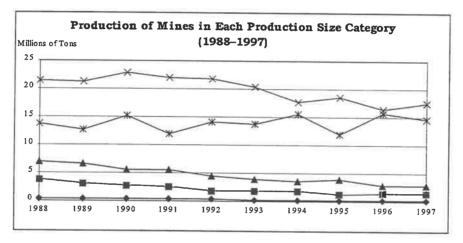
¹ Mines were not required to report wages. Wages for 19 mines producing 1,001,661 tons were unavailable, and have not been reported in these totals.

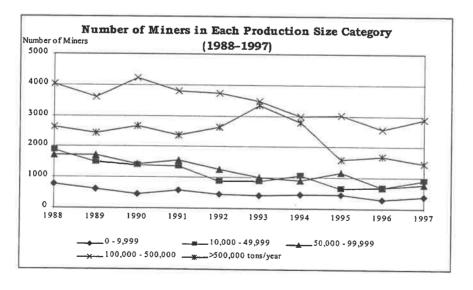
² One extreme outlier - a calculated productivity of 433 - was deleted from this total.

1995			10,000-	50,000-	100,000-	Over	
	0	1-9,999	49,999	99,999	499,999	500,000	Total
Number of Mines	129	54	47	54	79	10	373
Surface	27	17	9	7	21	4	85
Deep	102	37	38	47	58	6	288
% of Total	34.6	14.5	12.6	14.5	21.2	2.7	100
Tons Produced	0	169,312	1,267,286	3,923,766	18,610,497	11,946,352	35,917,21
% of Total	0	0.5	3.5	10.9	51.8	33.3	100
Employees	107	446	635	1,173	3,016	1,598	6,975
% of Total	1.5	6.4	9.1	16.8	43.2	22.9	100
Wages (\$1,000)	679	1,429	7,932	27,051	105,426	77,771	220,288
% of Total	0.3	0.6	3.6	12.3	47.9	35.3	100
Hours Worked	53,147	115,097	601,695	1,793,822	6,005,891	3,562,945	12,132,59
Productivity (t/hr)	0	1.46	2.11	2.19	3.10	3,302,943	2.96 (av.)

COAL MINE DATA BY PRODUCTION-SIZE CATEGORY: 1988–1997







AVERAGE MINE PRICES FOR VIRGINIA COAL: 1975–1996

Year	Average Virginia Mine Price ¹ (current \$)	Consumer Price Index ²	Average Virginia Mine Price ³ (1992 \$)
1975	30.46	38.4	79.39
1976	24.12	40.5	59.57
1977	29.65	43.2	68.67
1978	30.50	46.4	65.70
1979	35.99	51.7	69.64
1980	34.58	58.7	58.88
1981	34.96	64.8	53.98
1982	34.57	68.8	50.25
1983	31.86	70.9	44.93
1984	31.17	74.0	42.09
1985	30.16	76.6	39.36
1986	28.13	78.1	36.03
1987	27.42	81.0	33.86
1988	26.49	84.3	31.41
1989	27.64	88.4	31.28
1990	28.05	93.1	30.14
1991	27.45	97.1	28.27
1992	27.55	100.0	27.55
1993	26.80	102.9	26.04
1994	26.84	105.6	25.42
1995	28.47	108.6	26.21
1996	28.45	111.9	25.42

¹ Current dollar prices as reported in Coal Production, 1975–1992, Coal Industry Annual, 1995, and Coal Industry Annual 1996, Energy Information Administration, U. S. Department of Energy.

NOTE: As of this writing, 1997 mine price is not yet available

 $^{^{\}rm 2}\,$ Source: Oregon State University, Department of Political Science, Index normalized to 1992 by VCCER.

³ 1992 dollar prices calculated by VCCER, using Oregon State University/U.S. Department of Commerce Consumer Price Index figures.

Productivity

1997 VIRGINIA COAL MINE PRODUCTIVITY

(for 89 operations producing 100,000+ tons)

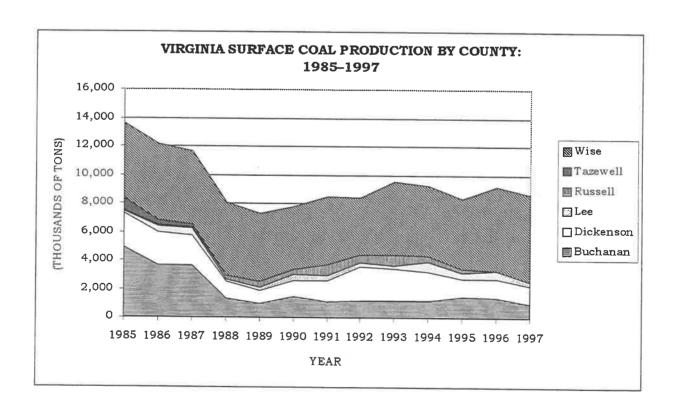
Company	Mine Name	Type ¹	Production (tons)	Number of Employees	Man -Hours	Tons per Man-Hour
Va Select Inc	No. 1	U	618,618	38	85451	7.2
Black Eagle Inc	No. 1	Ū	135,843	20	19217	7.1
North Fork Coal Corporation	No. 3	Ū	759,428	50	108643	7.0
Humphreys Enterprises Inc	#17	s	456,327	32	74934	6.1
Red Baron Inc	Mine No. 3	บ	122,936	10	20880	5.9
G & A Coal Co Inc	#1	U	506,133	50	91434	5.5
Greater Wise Inc	#13 Strip	S	338,077	27	61487	5.5
A & G Coal Corporation	Bold Camp Strip	S	923,887	63	169462	5.5
Mullins Coal Co Inc of Va	#3	U	336,285	28	62105	5.4
Mill Branch Coal Corp	Mine No. 1	U	326,052	31	60363	5.4
Cumberland River Coal Company		S	692,899	45	129825	5.3
Matt Mining Co Inc	#3 Strip	S	378,038	18	71712	5.3
Fork Ridge Coal Corporation	No. 1	U	262,113	30	51428	
Consolidation Coal Company	Buchanan #1	U	4,343,711	368		5.1
Bear Ridge Mining Inc	Bandy #1	Ū		25	864113	5.0
Motivation Coal Company	Lovers Gap #16	s	254,393		53061	4.8
Corbin Coal Company Inc	VaArch		666,200	56	140865	4.7
Greater Wise Inc	#16 Strip	A	178,223	14	37758	4.7
Garry Carroll Trucking Inc	Va City #2	S	264,201	29	56995	4.6
Paramont Coal Corporation	Silver Fox	S	230,829	26	51122	4.5
ANR Coal Company LLC	Guest Mountain Mine No. 2	S	282,654	49	64632	4.4
A & G Coal Corporation	Strip #1	U	167,624	31	39753	4.2
A & G Coal Corporation	•	S	599,860	59	144149	4.2
Dominion Coal Corporation	Strip #2 Dominion No. 21	S	341,648	38	86340	4.0
CS&S Coal Corporation	#7	U	231,233	30	60125	3.8
Black Creek Coal Corp		U	116,181	13	31715	3.7
Island Creek Coal Company	Mine No 1	U	267,760	32	73344	3.7
• •	VP #3	U	2,216,362	254	617365	3.6
Motivation Coal Company	Wampler Ridge No. 15	S	405,219	49	113631	3.6
Humphreys Enterprises Inc	#16	S	188,365	24	52911	3.6
Clinchfield Coal Company	Hart Creek Surface Mine	S	201,626	51	57149	3.5
Virginia Energy Company	#2	S	100,374	11	28602	3.5
Maranatha Mining & Leasing Inc	#1	U	195,742	28	56498	3.5
Falcon Coal Corporation	#2	U	105,284	13	31516	3.3
Paramont Coal Corporation	Deep Mine #21	Ŭ	633,683	86	190188	3.3
Grang Canyon Mining Company	#1	U	162,602	24	49906	3.3
Paramont Coal Corporation	Deep Mine #22	U	368,891	49	113403	3.3
Solus Coal Inc	Solus #1	U	234,538	34	72228	3.2
Powell Mountain Coal Co Inc	Wallins A	U	680,237	96	210795	3.2
Dorchester Enterprises Inc	Mine No. 2	U	226,958	30	72141	3.1
T&T Fuels Inc	No. 1 Surface	S	130,154	26	41611	3.1
Beardog Coal Co	#1 Mine	U	102,456	22	32956	3.1
Paramont Coal Corporation	Cane Branch	S	200,122	49	64632	3.1
DD&EMining Inc	No. 1	U	166,292	28	53930	3.1
Lee-Coal Mining Inc	#1	U	202,515	37	66000	3.1
Regent Allied Carbon Energy Inc	#1	U	257,724	35	84233	3.1
Cumberland River Coal Company	Band Mill Mine	U	762,125	105	250469	3.0
Clinchfield Coal Company	Roaring Fork #2	U	464,550	75	154337	3.0
Horn Construction Co Inc	Mine #4	S	147,411	25	49506	3.0

Mining Methods

VIRGINIA SURFACE MINING: 1973–1997

Year	Auger	Strip	Total Surface	Total VA Production	% of Total
1973	1,827,241	8,703,158	10,530,399	33,869,387	31.1
1974	1,556,078	10,048,467	11,604,545	34,283,753	33.8
1975	1,203,846	11,159,798	12,363,644	35,505,780	34.8
1976	1,175,156	12,959,491	14,134,647	39,995,546	35.3
1977	1,133,959	12,447,754	13,581,713	37,513,131	36.2
1978	724,332	9,721,047	10,445,379	31,911,283	32.7
1979	367,644	8,127,629	8,495,273	37,038,148	22.9
1980	277,282	8,373,595	8,650,877	41,008,884	21.1
1981	499,158	7,986,741	8,485,899	41,977,807	20.2
1982	354,656	7,988,058	8,342,714	40,481,288	20.6
1983	537,345	7,040,047	7,577,392	35,506,056	21.3
1984	349,776	6,959,495	7,309,271	41,424,753	17.6
1985	399,949	6,708,530	7,108,479	42,376,484	16.8
1986	425,519	6,676,166	7,101,685	41,768,142	17.0
1987	559,434	6,855,057	7,414,491	45,537,960	16.3
1988	396,946	7,545,693	7,942,639	46,364,647	17.1
1989	116,014	6,797,131	6,913,145	43,855,231	15.8
1990	157,356	7,488,254	7,645,610	46,500,106	16.4
1991	320,693	7,765,729	8,086,422	42,336,136	19.1
1992	320,099	7,852,481	8,172,580	42,561,779	19.2
1993	463,793	9,078,837	9,542,630	40,090,647	23.8
1994	331,629	9,039,039	9,370,668	38,805,245	24.1
1995	204,686	8,704,024	8,908,710	35,917,208	24.8
1996	307,626	9,294,491	9,602,117	36,782,065	26.1
1997	405,698	8,494,642	8,900,340	36,889,166	24.1

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia. Percentages computed by VCCER.



1997 VIRGINIA LONGWALL CENSUS

Company	Mine & County	Seam Name & Height	Cutting Height	Panel Width	Depth of Overburden	Initial Face	Present Face
Consolidation Coal	Buchanan Buchanan County	Pocahontas #3 66-76"	66-76"	750'	1400-2000'	1988	-
	Buchanan Buchanan County	Pocahontas #3 72-78"	72-78"	750'	1400-2000°	1987	-
Island Creek (Consol Coal Group)	VA Pocahont. #8 Buchanan County	Pocahontas #3	60-62"	1020'	1400-2700'	-	1995

Source: Coal Age, Intertec Publishing, Overland Park, KS, February 1998

LONGWALL PORTION OF MINE PRODUCTION: 1996-1997

(in tons)

Company	Mine	1997 Total	1997 Longwall	1996 Total	1996 Longwall
Consolidation Coal	Buchanan # 1	4,343,711	3,620,824	3,556,890	3,556,890
Island Creek Coal	VP #3	2,216,362	1,975,799	1,583,659	
Island Creek Coal	VP #8	1,324,687	1,204,663	2,784,205	
Total		7,884,760	6,801,286	7,924,754	7,372,330

Note: Total production includes both longwall and conventional mining at these mines.

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia.

Data Verified by contact with Consolidation Coal Company

1997 VIRGINIA LONGWALL MINE PRODUCTIVITY

Сотрану	Mine	Total Production	# Emp.	Man Hours	Productivity
Consolidation Coal	Buchanan # 1	4,343,711	368	864,113	5.0
Island Creek Coal	VP #3	2,216,362	254	617,365	3.6
Island Creek Coal	VP #8	1,324,687	185	453,363	2.9

Productivity = Tons/Man Hour, calculated by VCCER.

Note: Productivity is for the total production (both longwall and conventional) in mines that use longwall equipment.

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia.

Railroads

RAILROAD SERVICE TO VIRGINIA COAL MINES 1997

	No Railroad Indicated	Norfolk Southern Corp.	CSX Corporation
Number of Mines Served ¹	140	210	5
Percent of Total	39.4	59.2	1.4
Virginia Production Served (millions of tons)	9.99	26.74	0.15
Percent of Total	27.1	72.5	0.4

¹ Total mines in this list is 355. One mine indicated in Virginia Coal Production table (see page 4) filed a blank report. This appears to be due to a newly issued license for a forthcoming mine.

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia

VIRGINIA COAL MINES SERVICED BY CSX IN 1997

Company	Mine	County	Tons - 1997
Clinchfield Coal Co.	Maple House	Dickenson	0
Clinchfield Coal Co.	McClure #1	Dickenson	0
Clinchfield Coal Co.	Open Fork #2	Dickenson	0
Ison Coal Co	#16	Wise	0
Lambert Coal Co Inc	#44	Dickenson	150,173
Total			150,173

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia

VIRGINIA MINES NOT INDICATING RAILROAD SERVICE IN 1997

(18 Mines taken from Virginia Top 50, see page 8)

Company	Mine Name	County	Tons - 1997
ANR Coal Company LLC	Sargent Hollow Mine	Wise	350,296
Betty B Coal Company Inc	#12A	Wise	266,760
Black Creek Coal Corp	Mine No 1	Wise	267,760
Dorchester Enterprises Inc	Mine No. 2	Dickenson	226,958
Fork Ridge Coal Corporation	No. 1	Wise	262,113
Harman Mining Corporation	1-A	Buchanan	435,115
Mill Branch Coal Corp	Mine No. 1	Wise	326,052
Motivation Coal Company	Lovers Gap #16	Buchanan	666,200
Motivation Coal Company	Wampler Ridge No. 15	Dickenson	405,219
Paramont Coal Corporation	Silver Fox	Dickenson	282,654
Paramont Coal Corporation	Deep Mine #22	Wise	368,891
Paramont Coal Corporation	Deep Mine #24	Wise	288,496
Paramont Coal Corporation	Deep Mine #23	Dickenson	336,684
Sea B Mining Company	Blair	Tazewell	272,646
Solus Coal Inc	Solus #1	Tazewell	234,538
Steven R Mullins Excavating Inc	Black Creek #15 Strip	Wise	415,363
Stoney Gap Coal Co Inc	Gemini	Wise	249,209
Va Select Inc	No. 1	Wise	618,618

NOTE: Total production for mines not indicating railroad service in 1997 was: 9,994,813 tons. This was derived from 97 mines indicating production, out of 140 mines not indicating rail service.

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia.

Coal Sales

COMPANIES PURCHASING VIRGINIA COAL FOR RESALE

AMCI Export Corporation Suite 2000 Latrobe, PA 15650

A. T. Massey Coal Co., Inc. 4 North 4th Street Richmond, VA 23261

Alley-Cassetty Coal Co. Inc. 1040 Jo Johnson Ave. Nashville, TN 37202

Ambrose Branch Coal Co., Inc. P.O. Box 806 Pound, VA 24279

American Eagle Coal Company P.O. Box 5100 Lebanon, VA 24266

American Metals & Coal Intl. 20 Dayton Avenue Greenwich, CT 06830

Cane Patch Coal Sales P.O. Box 28 Appalachia, VA 24216

Central Coal Company 148 Bristol Road East Bristol, VA 24202

Clinchfield Coal Co. P.O. Box 5100 Lebanon, VA 24266

Coal Arbed Intl. Trading 210-212 East Lombard Street Baltimore, MD 21202

Coal Energy Resources P.O. Box 197 Norton, VA 24273

Coal Marketing Corporation P.O. Box 734 Abingdon, VA 24210 Coastal Coal Int'l. P.O. Box 1871 Roanoke, VA 24008

Consol Sales Company 1800 Washington Road Pittsburgh, PA 15241

Converse & Co., Inc. P.O. Box 18156 Spartanburg, SC 29318

Drummond Coal Sales, Inc. P.O. Box 10246 Birmingham, AL 35202-0246

Electric Fuels Corporation 1 Progress Plaza St. Petersburg, FL 33733

Elm Street Resources, Inc. P.O. Box 1718 Paintsville, KY 41240

Glamorgan Coal Corp P.O. Box 3237 Wise, VA 24293

H & G Enterprises, Inc. P.O. Box 197 Norton, VA 24273

Integrity Coal Sales, Inc. 490 Wheeler Road, Ste. 165 Hauppage, NY 11788

International Resources 467 Calloway Gap Road West Jefferson, NC 28694

Mapco Coal, Inc. – Brokerage P.O. Box 22027 Tulsa, OK 74121-1628

Motivation Coal Co. P.O. Box 5100 Lebanon, VA 24266 Neely & Gibson Coal Company 187 North Church Street Spartanburg, SC 29301

North Fork Coal Sales, Inc. P.O. Box 745 Kingsport, TN 37662

Paramont Mining Corp. P.O. Box 5100 Lebanon, VA 24266

Pardee Coal Company P.O. Box 668 Norton, VA 24273

Peabody Coal Sales Co. 701 Market Street, Suite 830 St. Louis, MO 63101

Permac, Inc. P.O. Box 1349 Bluefield, VA 24605

Philbro Div. of Salamon, Inc. 500 Nyala Farms Westport, CT 06880

Powell Mtn Coal Co. 2537 Fourth Ave. East Big Stone Gap, VA 24219

Race Fork Coal Corp. P.O. Box 1349 Bluefield, VA 24605

Rheinbraun Thyssen Energy 1114 Avenue of the Americas New York, NY 10036

Ruhrkohle Trading Corp. 777 Third Avenue New York, NY 10017

Sea "B" Mining Co. P.O. Box 5100 Lebanon, VA 24266

Coal Exports

HAMPTON ROADS COAL EXPORT TERMINALS

Dominion Terminal Associates (D.T.A.)

Dominion Terminal Associates is located on the north bank of the James River in Newport News, and is co-owned by Ashland Coal, Inc., Peabody Holding Company, Inc., and the Pittston Company. Served by the CSX Rail System, D.T.A. has an annual throughput capacity of 22 million tons and can accommodate vessels ranging from barges to ships of 178,000 dwt. The tandem rotary dumper can unload coal at a rate of 5,700 tons per hour. A system of nineteen 72-inch and 84-inch belt conveyors transports the coal from dumper to storage or direct to the ship loader. Coal is stored in four areas with a maximum capacity of 1.7 million tons, and is later reclaimed for shipment by two stacker/reclaimers and one reclaimer. These three machines have 200-foot booms and are capable of luffing, slewing and traveling along the length of the storage areas to stack and reclaim the coal with a minimum amount of dozing. Coal can be reclaimed and transported to the twin silos at 6,800 tons per hour. The single shiploader with a 145-foot boom can accommodate ships with a 79-foot air draft. Pierside, D.T.A. matches the harbor's 50-foot depth. ADDRESS: Dominion Terminal Associates, P.O. Box 967-A, Newport News, VA 23607; 757/245-2275.

Norfolk Southern Corporation (NS)

The Lambert's Point coal handling facilities of the Norfolk Southern Railway Company are the fastest in the world, concentrating at one point the collection and blending of coals originating from approximately 130 mines and preparation plants on its rail system. In addition to the shiploading piers, NS has constructed modern weighing, thawing, sampling, and dumping facilities to supply coal to the pier. Classification and storage yards accommodate approximately 7,500 loaded coal hopper cars at Lambert's Point, or the equivalent of more than 700,000 tons of coal on hand each day, with additional tracks provided for receiving loaded trains and assembly of empty cars returning to the coalfields. Twin surge silos provide short-term storage which allows for the continuous dumping of coal while shiploaders are being repositioned.

NS's Coal Pier 6 features twin traveling loaders, each as high as a 17-story building, which can serve two colliers or concentrate on a single ship; over 150,000 tons of coal have been loaded in a single collier, some of which are 1,000 feet in length and 175 feet in width. Coal is carried to the loaders by a series of 8-footwide rubber conveyor belts (which are, in turn, equipped with a sophisticated, mechanical sampling system). Even-flow retractable booms then deposit the coal smoothly into colliers. The booms can reach out as far as 120 feet, providing even-keel loading for ships with centerline bulkheads. Pier 6 has a design capacity of 16,000 tons per hour, with a maximum capacity of 20,000 tons per hour. During the fall of 1994, air draft was increased from 55.5 to 74 feet.

In addition to its coal piers NS operates at Hampton Roads a large shop for the repair of coal cars before their return to the mines, as well as a number of other service facilities. ADDRESS: Pier Master's Office, Norfolk Southern, P.O. Box 3070, Norfolk, VA 23514-3070; 757/446-5427.

PIER IX TERMINAL COMPANY

Loading facilities at Pier IX include a double-berth pier with a conveyor system, a single shiploader, and an air draft of 75 feet, capable of loading 85,000- to 90,000-ton colliers in a day. Berth and loading facilities will accommodate vessel lengths of up to 1,000 feet and breadths of up to 155 feet. The storage facility has a rated capacity of 12 million tons of coal per year with ground storage of 1.36 million tons in 12 piles. The Terminal is served by the CSX Rail System, which accesses the highest qualities of metallurgical and steam coals with competitive rail rates. Pier IX Terminal Company also offers mechanical sampling to and from storage, stockpile blending to an accuracy of plus or minus 1%, and guaranteed demurrage protection. ADDRESS: Pier IX Terminal Company, P.O. Box 38, Newport News, VA 23607; 757/928-1520.

Source: The Port of Greater Hampton Roads Annual, 1996, Hampton Roads Maritime Association.

HAMPTON ROADS COAL SHIPMENTS—EXPORTS: 1990–1997

(in millions of short tons)

Exporter	1990	1991	1992	1993	1994	1995	1996	1997
Dominion Terminal	11.9	15.8	15.6	10.1	9.3	12.3	12.9	10.5
Norfolk Southern	35.4	34.6	31.2	24.9	24.1	25.5	26.5	27.7
Pier IX	7.8	8.1	6.5	3.1	1.7	5.0	4.8	4.7
Total	55.1	58.5	53.3	38.1	35.1	42.8	44.2	42.9

HAMPTON ROADS COAL SHIPMENTS-DOMESTIC: 1990-1997

(in millions of short tons)

Exporter	1990	1991	1992	1993	1994	1995	1996	1997
Dominion Terminal	2.4	2.2	2.5	2.2	3.1	3.6	3.6	3.6
Norfolk Southern	4.1	3.9	3.5	2.6	3.7	3.5	3.0	3.8
Pier IX	0.2	0.6	1.0	1.2	1.7	1.4	2.3	1.9
Total	6.7	6.7	7.0	6.0	8.5	8.5	8.9	9.3

HAMPTON ROADS COAL SHIPMENTS—TOTAL: 1990–1997

(in millions of short tons)

Exporter	1990	1991	1992	1993	1994	1995	1996	1997
Dominion Terminal	14.3	18.0	18.1	12.3	12.4	15.9	16.5	14.1
Norfolk Southern	39.5	38.5	34.7	27.5	27.8	29.0	29.5	31.5
Pier IX	8.0	8.7	7.5	4.3	3.4	6.4	7.1	6.6
Total	61.8	65.2	60.3	44.1	43.6	51.3	53.1	52.2

NOTES ON ALL TABLES: All figures include coal and coke. Totals may not equal 100% due to rounding. Also, because this and the following table derive their figures form different sources, totals between tables may vary.

Source: Hampton Roads Maritime Association, February 1998.

DESTINATIONS OF U.S. COAL EXPORTS: 1996–1997

Destination	Steam Coal (short tons)	Met. Coal (short tons)	1997 Total	1996 Total
NORTH AMERICA	(onor cons)	(SHOTE COIIS)	1997 Tutai	1990 10tai
Canada	10,084,325	4,891,146	14,975,471	12,028,569
Jamaica	41,525	7,071,170	41,525	23,897
Mexico	1,435,283	463,363	1,898,646	1,508,512
Other	31,089	-100,500	31,089	
SUBTOTAL	11,592,222	5,354,509	16,946,731	48,486 13,609,464
SOUTH AMERICA				, , , , , , , , , , , , , , , , , , ,
Argentina	48,237	077 110		
Brazil	-	277,110	325,347	303,876
Chile	90,340	7,364,183	7,454,523	6,540,072
Other	145,802		145,802	573,790
SUBTOTAL	288,422		288,422	86,952
SOBTOTAL	572,801	7,641,293	8,214,094	7,504,690
EUROPE				
Belgium/Luxembourg	946,688	3,372,208	4,318,896	4,569,281
Bulgaria		1,114,238	1,114,238	1,386,863
Denmark	350,071		350,071	1,316,482
Finland	160,259	501,268	661,527	703,569
France	342,241	3,056,092	3,398,333	3,852,461
Germany	220,628	649,567	870,195	1,054,932
Ireland	516,948	120,821	637,769	765,038
Italy	2,437,770	4,581,256	7,019,026	9,204,240
Netherlands	711,421	4,113,907	4,825,328	7,058,187
Norway	6,638	89,717	96,355	84,991
Portugal	1,256,170	214,041	1,470,211	1,802,558
Romania	95,536	2,148,154	2,243,690	
Spain	1,882,688	2,251,331		1,512,031
Sweden	1,002,000	833,668	4,134,019	4,092,517
Turkey	5,093	2,086,782	833,668	1,069,583
United Kingdom	3,569,845		2,091,875	2,167,046
Other		3,614,865	7,184,710	6,195,559
SUBTOTAL '	28,613 12,530,609	53,627 28,801,542	82,240 41,332,151	357,451 47,192,789
ASIA	. ,	-,,	1,000,101	.,,,,,,,,,
China (Taiwan)	1,686,095	554,594	2,240,689	2 441 475
Israel	456,474	136,561	593,035	2,441,475
Japan	3,182,750	4,791,192	•	1,201,771
Korea	1,017,011		7,973,942	10,528,604
Other	177,598	2,472,229	3,489,240	3,772,680
SUBTOTAL	6,519,928	23,314 7,977,890	14,296,906	35,813 17,980,343
1 Programme		1,11,020	11,230,300	17,500,545
AFRICA				
Algeria		264,089	264,089	176,549
Egypt	1,840	1,128,331	1,130,171	1,037,537
Morocco	141,980		141,980	1,650,452
South Africa		986,709	986,709	1,319,906
Other	31,275		•	-,- 17,750
SUBTOTAL	175,095	2,379,129	2,522,949	4,184,444
OCEANIA and AUSTRALIA	813		813	913
TOTAL	31,391,468	52,154,363	92 EAE 921	00 473 743
	31,371,400	34,134,303	83,545,831	90,472,643

NOTE: Because this and the preceding table derive their figures from different sources, totals between tables will vary. Also, totals may not equal the sum of the components, due to independent rounding. Some subtotals calculated by VCCER.

Source: Quarterly Coal Report, Energy Information Administration, May 1998

Underground Diesel Engines

DIESEL ENGINES IN UNDERGROUND COAL MINES

Sorted by Horsepower Range

Power Range (hp)	Number of Units
< 20	1
>= 20 and < 30	21
>= 30 and < 40	29
>= 40 and < 50	49
>= 50 and < 60	40
>= 60 and < 70	0
>= 70 and < 80	2
>= 80 and < 90	3
>= 90 and < 100	11
>= 100 and < 110	7
>= 110 and < 120	0
>= 120 and < 130	0
>= 130 and < 140	33
>= 140 and < 150	0
>= 150	1

Sorted by Number of Cylinders

Number of Cylinders	Units
2	15
3	66
4	64
6	51
8	1

Sorted by Manufacturer

Manufacturer	Number of Units		
Caterpillar	5		
Kubota	7		
MWM	13		
Lister-Pett	26		
Isuzu	27		
KHD (Deutz)	119		

Source: Virginia Department of Mines, Minerals and Energy, Division of Mines, Big Stone Gap, Virginia.

Coalbed Methane and Conventional Gas

GAS DRILLING SUMMARY: 1994-1997

	Development Wells			Exploratory Wells				
	1994	1995	1996	1997	1994	1995	1996	1997
Coalbed Methane								
Drilled	103	77	156	269	0	1	0	0
Completed	97	68	175	220	0	0	0	0
Conventional Gas								
Drilled	41	15	17	14	0	1	0	0
Completed	49	13	16	11	0	0	0	0
Dual Completion								
Drilled	-	-	-	7	_	-	_	0
Completed	-	-	-	5	-	-	-	Ö

Source: Virginia Gas and Oil Reports, Virginia Department of Mines, Minerals, and Energy, Division of Gas and Oil, Abingdon, Virginia.

COALBED METHANE PORTION OF NEW VIRGINIA GAS WELLS: 1992–1997

	1992	1993	1994	1995	1996	1997
Number of Wells Drilled	86	143	310	92	175	290
Number of Coalbed Methane Wells Drilled	43	86	202	77	113	269
Coalbed Methane Percent of Total	50.0	60.1	65.2	83.7	64.6	92.8

Source: Virginia Gas and Oil Reports, Virginia Department of Mines, Minerals, and Energy, Division of Gas and Oil, Abingdon, Virginia.

GAS PRODUCTION: 1992–1997

	1992	1992	1994	1995	1996	1997
Number of Producing Wells	1,153	1,426	1,470	1,671	1,819	2,018
Production (in billions of cubic feet)						
Conventional Gas Reservoirs	18.7	17.1	21.9	19.5	20.1	18.2
Coal Seams	6.0	19.9	28.3	30.4	34.2	39.8
Dual Completion	-	-	-	· -	_	0.3
Total Production	24.7	37.0	50.2	49.9	54.3	58.2
% of Total from Conventional Gas						
Reservoirs	75.7	46.2	43.6	39.1	37.1	31.2
% of Total from Coal Seams	24.3	53.8	56.4	60.9	62.9	68.3

Source: Virginia Gas and Oil Reports, Virginia Department of Mines, Minerals, and Energy, Division of Gas and Oil, Abingdon, Virginia.

GAS PRODUCTION BY COUNTY AND COMPANY: 1992-1997

(in thousands of cubic feet)

County	Company	1992	1993	1994	1995	1996	1997
Buchanan	Ashland Exploration	579,532	742,275	895,202	1,043,291	893,007	
	Berea Oil and Gas	3,529	10,951	-	-	-	-
	Blazer Energy Company	-	-	-	-		844,837
	Cabot Oil and Gas	60,631	62,342	51,388	93,520	81,856	86,032
	CD&G Development	30,293	17,532	19,716	17,502		
	CNR/Columbia Gas	1,523,383	946,243	1,281,691	1,470,448	1,409,876	1,454,689
	Consol, Inc.	124,391	2,387,756	3,782,860	9,620,349	14,154,482	11,550,416
	Eastern American Energy	-	63,907	70,265	63,714	55,842	44,685
	Edisto Resources	27,137	-	-	-	-	400 407
	Equitable Resources		-	-	19,796	49,992	480,407
	Island Creek Coal Co.	1,560,080	5,398,875	7,277,535	2,176,900	1,230,615	872,372
	P & S Corporation	22,895	12,132	-	-	-	æ
	Panther Crk. Ltd.	13,086	25,421	36,032			41.110
	Peake Operating	21,918	36,360	23,087	19,718	31,551	41,113
	Penn Va Resources	-		-	3,964	16,500	14,431
	Pocahontas Gas Partnership	2,588,131	7,511,691	11,976,158	12,479,716	12,327,553	19,315,049
	Ratliff Gas Co.	(3)		66	594	2,356	1,627
	Virginia Gas Co.	419,182	322,101	461,680	411,048	419,502	419,919
	SUBTOTAL	6,974,188	17,537,586	25,875,680	27,420,560	30,673,132	35,125,577
Dickenson	CNR/Columbia Gas	703,462	417,731	556,645	464,904	584,503	586,207
	Elliot Production	26,791	26,290	23,947	15,899	24,695	25,346
	Equitable Res./EREX	7,879,840	9,755,451	12,272,811	12,222,026	11,689,185	12,317,982
	Pine Mountain	129,461	102,564	96,434	95,995	137,275	126,380
	Virginia Gas Co.	429,239	1,237,879	1,315,213	1,258,248	938,618	797,903
	SUBTOTAL	9,168,793	11,539,915	14,265,050	14,057,072	13,374,276	13,853,818
Lee	Amvest Oil and Gas Co.	-		725	*	3,135	2,641
	SUBTOTAL	0	0	0	0	3,135	2,641
Russell	Equitable Res./EREX	500,154	678,011	666,945	569,549	518,415	509,940
	Pine Mountain	23,933	25,632	20,954	3,990	5,247	7,557
	SUBTOTAL	524,087	703,643	687,899	573,539	523,662	517,497
Scott	Equitable Res./EREX	3,495	8,967	10,842	6,330	15,326	25,647
	Virginia Gas Co.	125,952	74,756	,	-,	(%)	,
	SUBTOTAL	129,447	83,723	10,842	6,330	15,326	25,647
	01.07.10.0				_	243,812	554,169
Tazewell	Cabot Oil and Gas Corp.	16 002	0.226	10.095	8,445	7,812	6,325
	CNG Producing	15,883	9,226	10,985		87,556	89,461
	CNR/Columbia Gas	175,989	104,483	130,451	116,847	87,550	05,401
	Consol-Ray	27,451	212,679	176,583	115,828	1991	29,429
	Dominion Appalachian	50 100	46.000	54,188	36,226		29,423
	EMAX Oil	59,108	46,998	34,100	30,220	1.5	
	Excel Energy	43,033	25 507	20 600	21.256	29,683	25,863
	Exploration Partners	-	35,507	38,689	31,256	38,138	23,803
	Gas Exploration	0.705	12 207	-	11,084	12,744	26,864
	R & B Petroleum SUBTOTAL	9,725 331,189	12,387 421,280	410,896	319,686	419,745	732,111
				,			•
Washington	Virginia Gas Co.	20,951	13,893			-	
	SUBTOTAL	20,951	13,893	0	0	0	(
Wise	Amvest Oil and Gas	27,524	50,333	19,533	15,975	27,175	26,646
	Equitable Res./EREX	5,762,636	6,701,362	8,975,028	7,473,701	9,253,902	7,964,79
	SUBTOTAL	5,790,160	6,751,695	8,994,561	7,489,676	9,281,077	7,991,440

Source: Virginia Gas and Oil Reports, Virginia Department of Mines, Minerals and Energy, Division of Gas and Oil, Abingdon, Virginia.

1998 Virginia Coal Mine Directory

ABOUT THE 1998 VIRGINIA COAL MINE DIRECTORY

The following listing presents a comprehensive data set for the mines licensed in Virginia by the Virginia Division of Mines (VDM/Virginia Department of Mines, Minerals and Energy) through December 31, 1997. All figures presented refer to mine activity during the calendar year (1997) and were drawn from VDM files at the agency's offices in Big Stone Gap, Virginia. The data in this Directory are printed as shown in VDM records, which present information reported by coal-mine operators for individual mining operations.

Mines are listed alphabetically by company, with the following information provided for each mine:

Company Name	Mine Name	# of Employees	County
Company Contact	Mine Type	# of Days Worked	Seam(s) Worked
Company Address	Activity Status, 1/1/96	# of Hours Worked	Seam Height(s)
Company Town	Production, 1995	Tons/Man Hour	Equipment Used
Telephone Number	Production, 1996	Wages	Coal Owner(s)

VCCER extends its sincere appreciation to the employees of the Virginia Division of Mines for their invaluable help in providing the information included in this directory.

ABBREVIATIONS USED

MINE TYPE

deep(TI) = Underground Tipple Mine deep(TR) = Underground Truck Mine

EQUIPMENT

ATRS = Automatic Temporary Roof Support AUGER = Various Augering Equipment BCAR = Battery-Powered Car CD = Coal Drill CH = Continuous Haulage CM = Continuous Miner CMA = Continuous Miner/Auger Type CTR = Conventional Cutter surface(A) = Surface Auger Mine surface(S) = Surface "Strip" Mine

DCAR = Diesel-Powered Car LDR = Conventional Loader LW = Longwall RD = Roof Drill or Bolter SCAR = Shuttle Car SCOOP = Haulage Machine (LHD) STRIP = Various Stripping Equipment

NA = Not Available

1998 DIRECTORY OF MINES

```
Company: A&A MINING INC
                                 Mine:
                                                       #1
                                                              Employees:
                                                                                      County:
                                                                                                     LRR
                                                                                11
 Contact: Edward Dowdy
                                                  deep(TR)
                                  Type mine:
                                                             Days worked:
                                                                                22
                                                                                       Seam(s):
                                                                                                     na
 Address: Box 1584
                                 Status:
                                                  inactive
                                                             Hours worked:
                                                                             1,936
                                                                                       Seam ht(s):
                                                                                                     na
 Town:
          Richlands VA 24656
                                 Tons-1996:
                                                             Tons/man/hour:
                                                                              1.4
                                                                                      Equipment:
                                                                                                    na
 Phone:
           540-383-4177
                                 Tons-1997:
                                                                                      Coal owner(s): POWELL MOUNTAIN COAL
                                                     2,629
                                                             Wages:
                                                                            20,592
 Company: A&G COAL CORPORATION
                                 Mine: BOLD CAMP STRIP
                                                             Employees:
                                                                                63
                                                                                      County:
                                                                                                     WISR
 Contact: Tommy Mcmanis
                                 Type mine: surface(S)
                                                             Days worked:
                                                                               270
                                                                                      Seam(s):
                                                                                                     CLINTWOOD
 Address: Box 1010
                                 Status:
                                                active
                                                             Hours worked: 169,462
                                                                                      Seam ht(s):
                                                                                                     60/24/48
 Town:
          Wise VA 24293
                                 Tons-1996:
                                                   850,513
                                                             Tons/man/hour: 5.5
                                                                                      Equipment:
                                                                                                    STRIP
          540-328-3421
 Phone:
                                 Tons-1997:
                                                   923,887
                                                             Wages: 2,764,774
                                                                                      Coal owner(s): VICC
 Company: A&G COAL CORPORATION
                                 Mine:
                                                 STRIP #1
                                                             Employees:
                                                                                59
                                                                                      County:
                                                                                                    WISE
 Contact: Tommy Mcmanis
                                 Type mine:
                                                surface(S)
                                                             Days worked:
                                                                                      Seam(s):
                                                                               270
                                                                                                    DORCHESTER
 Address: Box 1010
                                 Status:
                                                   active
                                                             Hours worked: 144,149
                                                                                      Seam ht(s):
                                                                                                    150
 Town:
          Wise VA 24293
                                 Tons-1996:
                                                  516,931
                                                             Tons/man/hour: 4.2
                                                                                      Equipment:
                                                                                                    STRIP
 Phone:
          540-328-6959
                                 Tons-1997:
                                                  599,860
                                                             Wages: 2,139,929
                                                                                      Coal owner(s): DEXTER DOTSON
 Company: A&G COAL CORPORATION
Contact: Tommy Mcmanis
                                 Mine:
                                                 STRIP #2
                                                             Employees:
                                                                                      County:
                                                                                                    WISE
                                 Type mine:
                                               surface(S)
                                                             Days worked:
                                                                               270
                                                                                      Seam(s):
                                                                                                    STANDIFORD
 Address: Box 1010
                                 Status:
                                                             Hours worked: 86,340
Tons/man/hour: 4.0
                                                  active
                                                                                      Seam ht(s):
                                                                                                    na
 TOWN:
          Wise VA 24293
                                 Tons-1996:
                                                  632,690
                                                                                      Equipment:
                                                                                                    STRIP
          540-328-6959
 Phone:
                                 Tons-1997:
                                                  341,648
                                                             Wages: 1,416,734
                                                                                      Coal owner(s): VICC
 Company: A&G COAL CORPORATION
Contact: Tommy Mcmanis
                                 Mine:
                                                 STRIP #5
                                                             Employees:
                                                                                27
                                                                                      County:
                                 Type mine:
                                               surface(S)
                                                             Days worked:
                                                                                60
                                                                                      Seam(s):
                                                                                                    PINHOOK
 Address: Box 1010
                                 Status:
                                                             Hours worked: 13,629
                                                   active
                                                                                      Seam ht(s):
                                                                                                    na
 Town:
          Wise VA 24293
                                 Tons-1996:
                                                       - 0
                                                             Tons/man/hour:
                                                                            3.1
                                                                                      Equipment:
                                                                                                    STRIP
 Phone: 540-328-6959
                                 Tons-1997:
                                                  41,634
                                                                           209,423
                                                             Wages:
                                                                                      Coal owner(s): ANR COAL CO
Company: A&G COAL CORPORATION
Contact: Tommy Mcmanis
                                 Mine:
                                                 AUGER #1
                                                             Employees:
                                                                                      County:
                                                                                                    WISE
                                 Type mine:
                                               surface(A)
                                                            Days worked:
                                                                                0
                                                                                      Seam(s):
                                                                                                    DORCHESTER
Address: Box 1010
                                 Status:
                                                   active
                                                                               0
                                                             Hours worked:
                                                                                      Seam ht(s):
                                                                                                    30
Town:
         Wise VA 24293
                                Tons-1996:
                                                   4,902
                                                             Tons/man/hour:
                                                                               na
                                                                                     Equipment:
                                                                                                    AUGER
Phone:
         540-328-6959
                               Tons-1997:
                                                  14,165
                                                            Wages:
                                                                                0
                                                                                     Coal owner(s): ANR COAL CO
Company: A&G COAL CORPORATION Contact: Tommy Mcmanis
                                Mine:
                                                AUGER #2
                                                            Employees:
                                                                                     County:
                                                                                                    WISR
                                Type mine:
                                                            Days worked:
                                               surface(A)
                                                                                0
                                                                                     Seam(s):
                                                                                                    CAMPBELL CREEK
Address: Box 1010
                                Status:
                                                  active
                                                            Hours worked:
                                                                               0
                                                                                     Seam ht(s):
                                                                                                    40
Town:
         Wise VA 24293
                                Tons-1996:
                                                   14,188
                                                            Tons/man/hour:
                                                                               na
                                                                                     Equipment:
                                                                                                    AUGER
Phone:
         540-328-6959
                                Tons-1997:
                                                   5,661
                                                            Wages:
                                                                                     Coal owner(s): ANR COAL CO
                                                                                0
Company: A&G COAL CORPORATION
                                Mine:
                                                AUGER #3
                                                            Employees:
                                                                                0
                                                                                     County:
                                                                                                    WISE
Contact: Tommy Mcmanis
                                Type mine:
                                               surface(A)
                                                            Days worked:
                                                                                0
                                                                                     Seam(s):
                                                                                                    NORTON
Address: Box 1010
                                Status:

    active

                                                            Hours worked:
                                                                                0
                                                                                     Seam ht(s):
                                                                                                   36/36/36
Town .
         Wise VA 24293
                                Tons-1996:
                                                  24,627
                                                            Tons/man/hour:
                                                                               na
                                                                                     Equipment:
                                                                                                   AUGER
Phone:
         540-328-6959
                                Tons-1997:
                                                   8,769
                                                            Wages:
                                                                                0
                                                                                     Coal owner(s): ANR COAL CO
Company: A&G COAL CORPORATION
                                Mine:
                                                AUGER #5
                                                            Employees:
                                                                                0
                                                                                     County:
                                                                                                   WISE
Contact: Tommy Mcmanis
                                                            Days worked:
                                Type mine:
                                              surface(A)
                                                                                     Seam(s):
                                                                                n
                                                                                                   PINHOOK
Address: Box 1010
                                Status:
                                                  active
                                                            Hours worked:
                                                                               0
                                                                                     Seam ht(s):
                                                                                                   па
Town:
         Wise VA 24293
                                Tons-1996:
                                                      n
                                                            Tons/man/hour:
                                                                                     Equipment:
                                                                                                   AUGER
Phone:
         540-328-6959
                                Tons-1997:
                                                            Wages:
                                                                                n
                                                                                     Coal owner(s): ANR COAL CO
Company: A&N COAL CO INC
                                Mine:
                                                RAVEN #1
                                                            Employees:
                                                                                     County:
                                                                                                   BUCHANAN
Contact: Allen Whited
                                Type mine:
                                                deep(TR)
                                                            Days worked:
                                                                              237
                                                                                     Seam(s):
                                                                                                   RED ASE
Address: 110 Birch Street
                                                            Hours worked: 96,266
                                Status:
                                                 active
                                                                                     Seam ht(s):
                                                                                                   20
Town:
         Raven VA 24639
                                Tons-1996:
                                                 181,866
                                                            Tons/man/hour: 1.9
                                                                                     Equipment:
                                                                                                   ATRS/CM/SC
Phone:
        540-498-3625
                                Tons-1997:
                                                 187,478
                                                            Wages:
                                                                      1,416,085
                                                                                     Coal owner(s): GEORGIA PACIFIC
```

Camman	DIGIG WINTER GODD						
Company	: BASIC MINING CORP	Mine:	#1	Employees:	14	County:	BUCHANAN
	: Paul Lowe	Type mine:	deep(TR)	Days worked:	250	Seam(s):	BLAIR
	: Box 1197	Status:	active	Hours worked:	25,984	Seam ht(s):	60.
Town:	Vansant VA 24656	Tons-1996:	10,712	Tons/man/hour:	2.1	Equipment:	ATRS/CM/RD
Phone:	540-597-2151	Tons-1997:	53,945	Wages:	337,338	Coal owner(c)	: RAPOCA ENERGY CO
			00,000		337,330	COST OWHET (2)	: RAPULA BNEKGI CU
Company	: BCR MINING INC	Mine:	#1 STRIP	Employees:	2	County:	DUARTAN
Contact	: Jerry Shields	Type mine:	surface(S)	Days worked:	116		BUCHANAN
Address	: Box 189	Status:	inactive	Hours worked:		Seam(s):	CAM
Town:	Vansant VA 24656	Tons-1996:	1,088		2,155	Seam ht(s):	28
Phone:	540-597-2773	Tons-1997:		Tous/man/hour:		Equipment:	STRIP
	0.000. 2.13	10118-1337.	2,340	Wages:	28,368	Coal owner(s)	: RACE FORK COAL CORP
Company:	BCR MINING INC	Mine:	#2 STRIP	7	_		
Contact:		Type mine:		Employees:	3	County:	BUCHANAN
	Box 189		surface(S)	Days worked:	8	Seam(s):	BAGLE
Town:	Vansant VA 24656	Status:	active	Hours worked:	215	Seam ht(s):	29
Phone:	540-597-2773	Tons-1996:	0	Tons/man/hour:		Equipment:	STRIP
FHOME:	340-331-2113	Tons-1997:	139	Wages:	2,150	Coal owner(s)	RACK FORK COAL CORP
Componer	DOD WINING INC		_				
Company:		Mine:	#1 AUGER	Employees:	6	County:	BUCHANAN
Contact:		Type mine:	surface (A)	Days worked:	420	Seam(s):	na
	Box 189	Status:	active	Hours worked:	8,391	Seam ht(s):	na
Town:	Vansant VA 24656	Tons-1996:	ß	Tons/man/hour:	0.9	Equipment:	Pa Pa
Phone:	540-597-2773	Tons-1997:	7,393	Wages:	28,730	Coal owner(s)	RACE FORK COAL CORP
					20,750	cour owner (a)	RACE FORK COALL CORP
Company:		Mine:	#2 AUGER	Employees:	5	County:	BUCHANAN
Contact:		Type mine:	surface(A)	Days worked:	102	Seam(s):	
Address:	Box 189	Status:	active	Hours worked:	5,248		па
Town:	Vansant VA 24656	Tons-1996:	10,614	Tons/man/hour:	1.3	Seam ht(s):	na Name
Phone:	540-597-2773	Tons-1997:	6,800	Wages:		Equipment:	AUGER
			0,000	nayes.	67,223	coal owner(s):	RACE FORK COAL CORP
Company:	BCR MINING INC	Mine:	#3 AUGER	Pmplayage.	2	C	B T
Contact:	Jerry Shields	Type mine:	surface(A)	Employees:	2	County:	BUCHANAN
Address:	Rox 189	Status:		Days worked:	20	Seam(s):	HAGY
Town:	Vansant VA 24656	Tons-1996:	active	Hours worked:	442	Seam ht(s):	28
Phone:	540-597-2773	Tons-1997:	0	Tons/man/hour:	2.9	Equipment:	AUGER
	310 331 2713	10115-1557;	1,274	Wages:	1,481	Coal owner(s):	RACE FORK COAL CORP
Company:	BCR MINING INC	Wine.	P 4				
Contact:	Jerry Shields	Mine:	#4	Employees:	4	County:	BUCHANAN
Address:	Dox 100	Type mine:	surface(S)	Days worked:	45	Seam(s):	KENNEDY
Town:		Status:	active	Hours worked:	801	Seam ht(s):	36
	Vansant VA 24656	Tons-1996:	0	Tons/man/hour:	2.7	Equipment:	STRIP
Phone:	540-597-2773	Tons-1997:	2,171	Wages:	39,625	Coal owner(s):	
Corner	DELD DIRAN HAVENA			_			-
Company:	BEAR RIDGE MINING INC	Mine:	BANDY #1	Employees:	25	County:	TAZEWELL
Contact:	Estil Stilwell	Type mine:	deep(TR)	Days worked:	260	Seam(s):	LOWER BANNER
Address:		Status:	active	Hours worked:	53,061	Seam ht(s):	48
Town:	Tazewell VA 24651	Tons-1996:	239,867	Tons/man/hour:	4.8	Equipment:	ATRS/CM/RD/SC
Phone:	540-988-5515	Tons-1997:	254,393		399,788	Coal owner(s):	POTTI OTTIMPIT
			,		,,,,,,,	cour owner(s).	POLID STIDWERD
	BEARDOG COAL CO	Mine:	#1 MINE	Employees:	22	County:	WICZ
	Steve Moore	Type mine:	deep(TR)	Days worked:	193		WISE
Address:	Box 2800	Status:	inactive		32,956		CLINTWOOD
Town:	Wise VA 24293	Tons-1996:	49,878	Tons/man/hour:		Seam ht(s):	40
Phone:	540-328-3464	Tons-1997:	102,456		3.1	Equipment:	ATRS/CM/RD/LDR/SC
		-345 2//1.	102,470	Wages: 6	27,379	Coal owner(s):	PENN VIRGINIA
Company:	BEATRICE POCAHONTAS CO	Mine:	BEATRICE	Pmplayees		a	
	Bill Fertall	Type mine:		Employees:	0		BUCHANAN
	Drawer L		deep(TI)	Days worked:	0		na
	Oakwood VA 24631	Status:	active	Hours worked:	0		na
-1	540-498-8200	Tons-1996:	0	Tons/man/hour:	na		na
	747.470.0700	Tons-1997:	0	Wages:	0	Coal owner(s):	na

Company	: BLACK FALCON	Mine:	31	Den lauran.			
Contact	: A C Blevins		#1		3	County:	DICKENSON
		Type mine:	surface(A)	Days worked:	10	Seam(s):	na
Address	: Box 1990	Status:	inactive	Hours worked:			
Town:	Clintwood VA 24228	Tons-1996:				Seam ht(s):	na
			0	Tons/man/hour	r: 1.4	Equipment:	AUGER
Phone:	540-926-4410	Tons-1997:	790	Wages:	5,076	Cost owner(a)	: LAMBERT COAL CO
				"ages.	3,010	coal owner(8)	: LAMBERT COAL CO
Company	. DIROW MODERNIN MINING	ut					
сопрану	: BLACK MOUNTAIN MINING		#2	Employees:	58	County:	WISE
Contact	: Freddie Elkins	Type mine:	surface(A)	Days worked:			
Address	: 69 Burning Fork St					Seam(s):	PHI/KRL
Mana	. Of Building Fork St	Status:	inactive	Hours worked:	56,551	Seam ht(s):	54/40
Town:	Pikeville KY 41501	Tons-1996:	240,596	Tons/man/hour	: 2.3	Panismont	
Phone:	606-432-6066	Tons-1997:				Equipment:	AUGER
	000 132 0000	10119-13311	130,396	Wages:	844,713	Coal owner(s)	: KEITH VANHOOSER
Company	BLACK NUGGET MINING	Mine:	#2	Employees:	15	G	7. T. G. T. A. T.
Contact	Keith Stiltner			pmbroleez:	15	County:	BUCHANAN
COMERCE.	weigh Stiffed	Type mine:	deep(TR)	Days worked:	280	Seam(s):	SPLASHDAM
Address:	Box 837	Status:	active	Hours worked:			
Town:	Grundy VA 24614	Tons-1996:				Seam ht(s):	48
	CLUMBY IN 24014		113,542	Tons/man/hour	: 2.6	Equipment:	ATRS/CM/RD/SC
Phone:	540-935-7562	Tons-1997:	100,918	Wages:	518,984	Coal owner(a)	: VIRGINIA MINERALS
			200,520	nages.	210,305	Coal owner(2)	: AIRGINIA MINEKATZ
Company	DDANGURIDM TWO	44.1					
Company:	BRAVEHEART INC	Mine:	#1	Employees:	9	County:	TAZEWELL
Contact:	Donald Whited	Type mine:	deep(TR)	Days worked:	100	Councy.	
Address.	Box 189				167	Seam(s):	LOWER BANNER
		Status:	active	Hours worked:	12,967	Seam ht(s):	36
Town:	Swords Creek VA 24649	Tons-1996:	0	Tons/man/hour			
Phone:	540-991-1213	Толя-1997:				Equipment:	ATRS/CM/RD
I HOLC.	740-331-1213	1048-1997:	56,789	Wages:	166,651	Coal owner(s)	: CONSOLIDATION COAL CO
							CONTRACTOR CONTRACTOR
Company:	BRISTOL COAL CORP	Mine:	45	200 1 ann a -		_	
Contact:			#5	Employees:	13	County:	BUCHANAN
		Type mine:	deep(TR)	Days worked:	200	Seam(s):	RED ASH
Address:	Box 1426	Status:	active	Hours worked:			
Town:	Grundy VA 24614					Seam ht(s):	30
	Grandy AN 54014	Tons-1996:	0	Tons/man/hour:	1.5	Equipment:	ATRS/CM/RD/LDR/SC
Phone:	540-935-7562	Tons-1997:	32,223	Wages:	378,559	Cool owner(a)	THOU COURS COME COME
			00/025	nages.	210,222	coal owner(s):	KNOX CREEK COAL CORP
Company:	BUCHANAN PRODUCTION CO	W2	n -				
company:	BUCHANAN PRODUCTION CO		#2	Employees:	28	County:	BUCHANAN
Contact:	Norman Owens	Type mine:	deep(TR)	Days worked:			
Address:					259	Seam(s):	SPLASHDAM
		Status:	active	Hours worked:	61,741	Seam ht(s):	38
Town:	Bristol VA 24203	Tons-1996:	104,831	Tons/man/hour:			
Phone:	540-935-4107	Tons-1997:		Many many mout.		Equipment:	ATRS/CH/CM/RD
	214 222 1101	1005-1337;	183,083	Wages:	958,426	Coal owner(s):	RAPOCA ENERGY CO
_							
Company:	C&M COAL INC	Mine:	C&M #4	Employees:	1	Complex	
Contact:	John W Bolling				4	County:	WISE
	COME & DOLLING	Type mine:	surface(A)	Days worked:	240	Seam(s):	na
Address:	Box 1916	Status:	active	Hours worked:	8,850		
Town:	Clintwood VA 24228	Tons-1996:			0,000	Seam ht(s):	na
Phone:			2,289	Tons/man/hour:	1.4	Equipment:	па
shoue:	540-835-8943	Tons-1997:	12,451	Wages:	87,804	Coal owner(s):	VICC
					.,	COUL OWNER (D).	1100
Company.	CEO MINING CO INC	Mine:	П	B 7			
Company.	Dill D C. I.		#1	Employees:	17	County:	TAZEWELL
Contact:	Bill D Calloway	Type mine:	deep(TR)	Days worked:	255		
Address:	Box 249	Status:		Bayb Rolked.		Seam(s):	RED ASH
			active	Hours worked:	28,903	Seam ht(s):	32
Town:	Richlands VA 24656	Tons-1996:	78,476	Tons/man/hour:	3.3	Equipment:	ATRS/CM/RD/LDR/SC
Phone:	540-881-8330	Tons-1997:	96,195			G2 (-)	AIRS/CM/RD/EDR/SC
*		.025 2771.	20,133	Wages:	433,545	Coal owner(s):	SEA B MINING CO
G	611 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6						
Company:	CALICO COAL INC	Mine:	MERIDIAN	Employees:	13	Country	DHCHANAN
Contact:	Ernest E Varney	Type mine:				County:	BUCHANAN
Addross.	200 Walley Drive		deep (TR)	Days worked:	269	Seam(s):	JAWBONE
	206 Valley Drive	Status:	active	Hours worked:	23,257	Seam ht(s):	48
Town:	N Tazewell VA 24630	Tons-1996:	151				
Phone:	540-988-5032			Tons/man/hour:	2.7	Equipment:	па
. HOME.	240-300-3032	Tons-1997:	62,267	Wages:	346,640	Coal owner(s).	BRNEST B VARNEY
Company:	CALICO COAL INC	Mine:	MIND #10	Pmplanas			
			MINE #10	Employees:	0	County:	BUCHANAN
Contact:	Ernest R Varney	Type mine:	deep(TR)	Days worked:	0		LOWER BANNER
Address:	206 Valley Drive	Status:	active		0		
Town:	N Tazewell VA 24630		_	Hours worked:	0	Seam ht(s):	na
	u ratement AW 54020	Tons-1996:	0	Tons/man/hour:	na	Equipment:	na
Phone:	540-988-5032	Tons-1997:	0	Wages:	0		
			v		U	coar owner(s):	KOCH RAVEN COAL CO

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Company: CAT COAL CO INC
                                    Mine:
                                                      AUGER #1
                                                                  Employees:
                                                                                             County:
                                                                                                             DICKENSON
  Contact: Tommy Mcmanis
                                    Type mine:
                                                    surface(A)
                                                                  Days worked:
                                                                                        Λ
                                                                                             Seam(s):
                                                                                                             UPPER BANNER
  Address: Box 1010
                                    Status:
                                                        active
                                                                   Hours worked:
                                                                                        n
                                                                                             Seam ht(s):
                                                                                                             27
 Town:
            Wise VA 24293
                                    Tons-1996:
                                                             n
                                                                  Tons/man/hour:
                                                                                       na
                                                                                             Equipment:
                                                                                                             AUGER
           540-328-3421
 Phone:
                                    Tons-1997:
                                                        18,232
                                                                  Wages:
                                                                                        n
                                                                                             Coal owner(s): PYXIS RESOURCES CO
 Company: CHAD COAL CORP
                                    Mine:
                                                       MINE #4
                                                                  Employees:
                                                                                       23
                                                                                             County:
                                                                                                             BUCHANAN
 Contact: James Taylor
                                    Type mine:
                                                      deep (TR)
                                                                  Days worked:
                                                                                      277
                                                                                             Seam(s):
                                                                                                             JAWBONE
 Address: Box 890
                                    Status:
                                                                  Hours worked:
                                                       active
                                                                                   50,006
                                                                                             Seam ht(s):
                                                                                                             38
 Town:
           Oakwood VA 24631
                                    Tons-1996:
                                                       161,391
                                                                  Tons/man/hour:
                                                                                      2.6
                                                                                             Equipment:
                                                                                                             ATRS/CM/RD/SC
 Phone:
           540-964-5944
                                    Tons-1997:
                                                       132,299
                                                                  Wages:
                                                                                  670,934
                                                                                             Coal owner(s): TAZEWELL COAL & IRON
 Company: CHAD COAL CORP
                                    Mine:
                                                      MINE #6
                                                                                             County:
                                                                  Employees:
                                                                                        8
                                                                                                            RUCHANAN
 Contact: Leland Hess
                                    Type mine:
                                                      deep (TR)
                                                                  Days worked:
                                                                                      277
                                                                                             Seam(s):
                                                                                                             RED ASH
 Address: Box 890
                                                                  Hours worked:
                                    Status:
                                                       active
                                                                                   18,881
                                                                                             Seam ht(s):
                                                                                                            34
 Town.
           Oakwood VA 24631
                                    Tons-1996:
                                                        42,379
                                                                  Tons/man/hour:
                                                                                     2.3
                                                                                             Equipment:
                                                                                                            ATRS/CM/RD/SC
 Phone:
           540-964-5944
                                    Tons-1997:
                                                        43,624
                                                                  Wages:
                                                                                  265,274
                                                                                             Coal owner(s): JEWELL RIDGE COAL
 Company: CLASSIC COAL CORP
                                    Mine:
                                                           #1
                                                                  Employees:
                                                                                                            BUCHANAN
                                                                                      13
                                                                                             County:
           James Estep
 Contact ·
                                                     deep (TR)
                                    Type mine:
                                                                  Days worked:
                                                                                      216
                                                                                             Seam(s):
                                                                                                            SPLASHDAM
 Address:
           Box 2035
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                  44,716
                                                                                             Seam ht(s):
                                                                                                            34
 Town:
           Grundy VA 24614
                                    Tons-1996:
                                                                  Tons/man/hour:
                                                       84,714
                                                                                                            ATRS/CM/RD/SC
                                                                                     1.8
                                                                                             Equipment:
 Phone:
           540-935-2231
                                    Tons-1997:
                                                       82,258
                                                                  Wages:
                                                                                 395,543
                                                                                             Coal owner(s): JEWELL SMOKELESS COAL
 Company: CLINCEFIELD COAL CO
                                    Mine:
                                                BLACK THUNDER
                                                                  Employees:
                                                                                       7
                                                                                             County:
                                                                                                            BUCHANAN
 Contact: Bane Cox
                                    Type mine:
                                                   surface(S)
                                                                  Days worked:
                                                                                       0
                                                                                             Seam(s):
                                                                                                            JAWRONE
 Address: Box 7
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                   5,773
                                                                                             Seam ht(s):
                                                                                                            60
 Town:
           Dante VA 24237
                                    Tons-1996:
                                                      198,735
                                                                  Tons/man/hour:
                                                                                     na
                                                                                             Equipment:
                                                                                                            STRIP
 Phone:
          540-495-4246
                                    Tons-1997:
                                                                  Wages:
                                                                                 148,995
                                                                                            Coal owner(s): CLINCHFIELD COAL CO
Company:
          CLINCHFIELD COAL CO
                                   Mine:
                                                CHEROKEE MINE
                                                                 Employees: .
                                                                                      52
                                                                                            County:
                                                                                                            DICKENSON
Contact:
          Junius Sturgill
                                   Type mine:
                                                   surface(S)
                                                                 Days worked:
                                                                                     267
                                                                                            Seam(s):
                                                                                                            SPLASHDAM
Address:
          Box 7
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                            Seam ht(s):
                                                                                  97.546
                                                                                                            36
Town.
          Dante VA 24237
                                   Tons-1996:
                                                                 Tons/man/hour:
                                                                                     2.1
                                                                                            Equipment:
                                                                                                            STRIP
Phone:
          540-495-4246
                                   Tons-1997:
                                                      203,213
                                                                             1,784,276
                                                                 Wages:
                                                                                            Coal owner(s): CLINCHFIELD COAL CO
Company:
          CLINCHFIELD COAL CO
                                   Mine:
                                                   HART CREEK
                                                                 Employees:
                                                                                            County:
                                                                                                            RUSSELL
Contact:
          Bane Cox
                                   Type mine:
                                                   surface(S)
                                                                 Days worked:
                                                                                       a
                                                                                            Seam(s):
                                                                                                            UPPER BANNER
Address: Box 7
                                   Status:
                                                       active
                                                                 Hours worked:
                                                                                  57,149
                                                                                            Seam ht(s):
                                                                                                            72
Town.
          Dante VA 24237
                                   Tons-1996:
                                                      430,281
                                                                 Tons/man/hour:
                                                                                     3.5
                                                                                            Equipment:
                                                                                                            STRIP
Phone:
          540-495-4246
                                                      201,626
                                   Tons-1997:
                                                                 Wages:
                                                                              1,358,300
                                                                                            Coal owner(s): CLINCHFIELD COAL CO
Company: CLINCHFIELD COAL CO
                                   Mine:
                                             LAMBERT FORK #2
                                                                 Employees:
                                                                                            County:
                                                                                                            DICKENSON
Contact:
          James T Bays
                                   Type mine:
                                                     deep (TR)
                                                                 Days worked:
                                                                                       n
                                                                                            Seam(s):
                                                                                                           LOWER BANNER
Address: Box 7
                                   Status:
                                                       active
                                                                 Hours worked:
                                                                                       0
                                                                                            Seam ht(s):
                                                                                                           48
Town:
          Dante VA 24237
                                   Tons-1996:
                                                            0
                                                                 Tons/man/hour:
                                                                                      na
                                                                                            Equipment:
Phone.
          540-495-4246
                                   Tons-1997:
                                                            n
                                                                 Wages:
                                                                                       0
                                                                                            Coal owner(s): CLINCHFIELD COAL CO
Company:
          CLINCHFIRLD COAL CO
                                   Mine:
                                             LAUREL MOUNTAIN
                                                                 Employees:
                                                                                      86
                                                                                            County:
                                                                                                           RUSSELL
Contact:
          Barry Compton
                                   Type mine:
                                                    deep (TR)
                                                                 Days worked:
                                                                                     356
                                                                                            Seam(s):
                                                                                                           JAWBONE
Address:
          Box 7
                                   Status:
                                                      active
                                                                 Hours worked: 165,943
                                                                                            Seam ht(s):
                                                                                                           na
Town:
          Dante VA 24237
                                   Tons-1996:
                                                     528,526
                                                                 Tons/man/hour:
                                                                                    3.0
                                                                                            Equipment:
                                                                                                           ATRS/RD/RTCHB/SC
Phone:
          540-495-4246
                                   Tons-1997:
                                                     494,065
                                                                              3,981,199
                                                                                            Coal owner(s): CLINCHFIELD COAL CO
                                                                 Wages:
Company: CLINCHFIELD COAL CO
                                                 MAPLE HOUSE
                                   Mine:
                                                                 Employees:
                                                                                       Ð
                                                                                            County:
                                                                                                           DICKENSON
Contact:
         James T Bays
                                   Type mine:
                                                    deep (TR)
                                                                 Days worked:
                                                                                      0
                                                                                            Seam(s):
                                                                                                           UPPER BANNER
Address:
         Box 7
                                   Status:
                                                      active
                                                                 Hours worked:
                                                                                       0
                                                                                            Seam ht(s):
                                                                                                           na
Town -
          Dante VA 24237
                                   Tons-1996:
                                                           0
                                                                 Tons/man/hour:
                                                                                            Equipment:
                                                                                     na
                                                                                                           na
Phone:
          540-495-4246
                                   Tons-1997:
                                                           0
                                                                 Wages:
                                                                                      Λ
                                                                                            Coal owner(s): CLINCHFIELD COAL CO
```

```
Company: CONSOLIDATION COAL CO
                                     Mine:
                                                MCGLOTHLIN #16
                                                                   Employees:
                                                                                              County:
                                                                                                             TAZEWELL
  Contact: Rob Wyatt
                                     Type mine:
                                                      deep(TR)
                                                                   Days worked:
                                                                                         n
                                                                                              Seam(s):
                                                                                                             na
  Address:
            10 Sixth Ave W Suite
                                     Status:
                                                        active
                                                                   Hours worked:
                                                                                         0
                                                                                              Seam ht(s):
                                                                                                             na
  Town .
            Huntington WV 25701
                                     Tons-1996:
                                                              Π
                                                                   Tons/man/hour:
                                                                                       па
                                                                                              Equipment:
                                                                                                             na
  Phone:
            540-988-1000
                                     Tons-1997:
                                                                   Wages:
                                                                                         ٨
                                                                                              Coal owner(s): na
  Company: CORBIN COAL CO INC
                                     Mine:
                                                                   Employees:
                                                                                         0
                                                                                              County:
                                                                                                             BUCHANAN
  Contact:
            Paul Corbin
                                     Type mine:
                                                    surface(S)
                                                                   Days worked:
                                                                                         0
                                                                                              Seam(s):
                                                                                                             na
  Address:
            Box 2303
                                     Status:
                                                      inactive
                                                                   Hours worked:
                                                                                        0
                                                                                              Seam ht(s):
                                                                                                             na
  Town.
            Pikeville KY 41501
                                     Tons-1996:
                                                         2,886
                                                                   Tons/man/hour:
                                                                                              Equipment:
                                                                                       na
                                                                                                             na
  Phone:
                                     Tons-1997:
                                                                   Wages:
                                                                                        0
                                                                                              Coal owner(s): PAUL CORRIN
           CORBIN COAL CO INC
  Company:
                                     Mine:
                                                      BULL GAP
                                                                   Employees:
                                                                                        0
                                                                                             County:
                                                                                                             BUCHANAN
  Contact: Paul Corbin
                                     Type mine:
                                                    surface(A)
                                                                  Days worked:
                                                                                        0
                                                                                             Seam(s):
                                                                                                             na
 Address:
           Box 2303
                                     Status:
                                                        active
                                                                  Hours worked:
                                                                                        0
                                                                                             Seam ht(s):
                                                                                                             na
 Town:
            Pikeville KY 41501
                                     Tons-1996:
                                                             0
                                                                  Tons/man/hour:
                                                                                       na
                                                                                             Equipment:
                                                                                                            na
 Phone:
                                    Tons-1997:
                                                             D
                                                                  Wages:
                                                                                             Coal owner(s): MOUNTAIN HAWK
                                                                                        0
 Company: CORBIN COAL CO INC
                                    Mine:
                                                        VAARCH
                                                                  Employees:
                                                                                             County:
                                                                                       14
                                                                                                            WISE
 Contact:
           Paul Corbin
                                    Type mine:
                                                    surface(A)
                                                                  Days worked:
                                                                                      250
                                                                                             Seam(s):
                                                                                                            LOWER BANNER
 Address:
           Box 2303
                                    Status:
                                                        active
                                                                  Hours worked: = 37,758
                                                                                             Seam ht(s):
                                                                                                            40
 Town:
           Pikeville KY 41501
                                    Tons-1996:
                                                        71,244
                                                                  Tons/man/hour:
                                                                                      4.7
                                                                                             Equipment:
                                                                                                            AUGER
 Phone:
                                    Tons-1997:
                                                       178,223
                                                                  Wages:
                                                                                  506,079
                                                                                             Coal owner(s): CUMBERLAND RIVER COAL
 Company: CORBIN COLLIERIES
                                    Mine:
                                                      MINE #2
                                                                  Employees:
                                                                                        5
                                                                                             County:
                                                                                                            TAZEWELL
 Contact: David Harold
                                    Type mine:
                                                     deep (TR)
                                                                                             Seam(s):
                                                                  Days worked:
                                                                                                            POCAHONTAS 3
 Address: Rt 4 Box 142K
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                        n
                                                                                             Seam ht(s):
                                                                                                            na
 Town:
           Bluefield WV 24701
                                    Tons-1996:
                                                                  Tons/man/hour:
                                                                                      na
                                                                                             Equipment:
                                                                                                            na
 Phone:
           304-589-6384
                                    Tons-1997:
                                                             Λ
                                                                  Wages:
                                                                                   61,877
                                                                                             Coal owner(s): RICHARD F BAUGH
 Company: COVENANT COAL CORP
                                    Mine:
                                                   JAWBONE #2
                                                                  Employees:
                                                                                       n
                                                                                             County:
                                                                                                            TAZEWELL
 Contact: William B Simmons
                                    Type mine:
                                                     deep(TR)
                                                                  Days worked:
                                                                                       0
                                                                                             Seam(s):
                                                                                                            na
 Address: Box 466
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                       0
                                                                                             Seam ht(s):
                                                                                                            па
 Town:
           Cedar Bluff VA 24609
                                    Tons-1996:
                                                            0
                                                                  Tons/man/hour:
                                                                                      na
                                                                                             Equipment:
                                                                                                            na
 Phone:
           540-964-9881
                                    Tons-1997:
                                                                  Wages:
                                                                                       0
                                                                                             Coal owner(s): L A S RESOURCES
 Company: COVENANT COAL CORP
                                    Mine:
                                                                  Employees:
                                                                                       0
                                                                                             County:
                                                                                                            TAZEWELL
Contact: William B Simmons
                                    Type mine:
                                                     deep (TR)
                                                                  Days worked:
                                                                                       Λ
                                                                                             Seam(s):
Address: Box 466
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                       0
                                                                                            Seam ht(s):
                                                                                                            na
Town:
           Cedar Bluff VA 24609
                                    Tons-1996:
                                                            n
                                                                 Tons/man/hour:
                                                                                      na
                                                                                            Equipment:
                                                                                                            na
Phone:
           540-964-9881
                                    Tons-1997:
                                                                  Wages:
                                                                                       0
                                                                                            Coal owner(s): CONSOLIDATION COAL CO
Company:
          COVENANT COAL CORP
                                   Mine:
                                                  JAWBONE #5
                                                                 Employees:
                                                                                            County:
                                                                                                           BUCHANAN
Contact:
          William B Simmons
                                   Type mine:
                                                     deep (TR)
                                                                 Days worked:
                                                                                       0
                                                                                            Seam(s):
                                                                                                           na
Address:
          Box 466
                                   Status:
                                                       active
                                                                 Hours worked:
                                                                                       0
                                                                                            Seam ht(s):
Town:
          Cedar Bluff VA 24609
                                   Tons-1996:
                                                            0
                                                                 Tons/man/hour:
                                                                                      na
                                                                                            Equipment:
                                                                                                           na
Phone:
          540-964-9855
                                   Tons-1997:
                                                            0
                                                                 Wages:
                                                                                       0
                                                                                            Coal owner(s): L A S RESOURCES
Company:
         CROWN MINING INC
                                   Mine:
                                                     #1 MINE
                                                                 Employees:
                                                                                      12
                                                                                            County:
                                                                                                           BUCHANAN
Contact:
          Gary Collins
                                   Type mine:
                                                    deep (TR)
                                                                 Days worked:
                                                                                      63
                                                                                            Seam(s):
                                                                                                           BAGLE
Address: Box 1980
                                   Status:
                                                    inactive
                                                                 Hours worked:
                                                                                   7,101
                                                                                            Seam ht(s):
                                                                                                           34
Town:
          Grundy VA 24614
                                   Tons-1996:
                                                       8,342
                                                                 Tons/man/hour:
                                                                                    0.9
                                                                                            Equipment:
                                                                                                           ATRS/RD/CM/SC
Phone:
          540-935-4456
                                   Tons-1997:
                                                       6,730
                                                                 Wages:
                                                                                  82,111
                                                                                            Coal owner(s): WELLMORE COAL CORP
Company:
         CRYSTAL BAY CORP
                                   Mine:
                                                                 Employees:
                                                                                     31
                                                                                            County:
                                                                                                           BUCHANAN
Contact:
         Steve Wolford
                                   Type mine:
                                                    deep (TR)
                                                                 Days worked:
                                                                                    288
                                                                                            Seam(s):
                                                                                                           RED ASH
Address:
         Box 6
                                   Status:
                                                      active
                                                                 Hours worked:
                                                                                 73,569
                                                                                            Seam ht(s):
                                                                                                           26
Town:
          Vansant VA 24656
                                   Tons-1996:
                                                     114,084
                                                                 Tons/man/hour:
                                                                                    1.8
                                                                                            Equipment:
                                                                                                           ATRS/CM/RD/SC
Phone:
          540-597-8911
                                   Tons-1997:
                                                     133,518
                                                                 Wages:
                                                                             1,127,513
                                                                                           Coal owner(s): PERMAC INC
```

```
Company: DOMINION COAL CORP
                                    Mine:
                                             WINSTON MINE #10
                                                                  Employees:
                                                                                       0
                                                                                             County:
                                                                                                            BUCHANAN
  Contact: Rick Waddell
                                    Type mine:
                                                      deep(TR)
                                                                  Days worked:
                                                                                       ٨
                                                                                             Seam(s):
                                                                                                            na
  Address: Box 70
                                    Status:
                                                                                            Seam ht(s):
                                                        active
                                                                  Hours worked:
                                                                                       0
                                                                                                            na
  Town .
            Vansant VA 24656
                                    Tons-1996:
                                                             n
                                                                  Tons/man/hour:
                                                                                            Equipment:
                                                                                      na
                                                                                                           na
  Phone:
            540-935-8810
                                    Tons-1997:
                                                                  Wages:
                                                                                       0
                                                                                            Coal owner(s): na
  Company: DOMINION COAL CORP
                                    Mine:
                                            YOUNG'S BR #15
                                                                  Employees:
                                                                                       0
                                                                                            County:
                                                                                                           RUCHANAN
  Contact:
            Rick Waddell
                                    Type mine:
                                                     deep(TR)
                                                                  Days worked:
                                                                                       ٥
                                                                                            Seam(s):
                                                                                                           na
 Address:
           Box 70
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                       0
                                                                                            Seam ht(s):
                                                                                                           na
 Town:
            Vansant VA 24656
                                    Tons-1996:
                                                            n
                                                                  Tons/man/hour:
                                                                                            Equipment:
                                                                                      กล
                                                                                                           na.
 Phone:
            540-935-8810
                                    Tons-1997:
                                                                  Wages:
                                                                                       0
                                                                                            Coal owner(s): na
 Company: DOMINION COAL CORP
                                    Mine:
                                                  DOMINION #6
                                                                  Employees:
                                                                                       0
                                                                                                           BUCHANAN
                                                                                            County:
 Contact:
           Henry Baldwin
                                    Type mine:
                                                     deep(TR)
                                                                 Days worked:
                                                                                            Seam(s):
                                                                                                           na
 Address: Box 70
                                    Status:
                                                     inactive
                                                                 Hours worked:
                                                                                       n
                                                                                            Seam ht(s):
                                                                                                           na
 Town:
            Vansant VA 24656
                                    Tons-1996:
                                                                  Tons/man/hour:
                                                            0
                                                                                            Equipment:
                                                                                      na
                                                                                                           na
           540-935-8810
 Phone:
                                    Tons-1997:
                                                            Û
                                                                 Wages:
                                                                                      a
                                                                                            Coal owner(s): na
 Company:
           DOMINION COAL CORP
                                    Mine:
                                                  DOMINION #7
                                                                 Employees:
                                                                                      9
                                                                                            County:
                                                                                                           BUCHANAN
 Contact:
           Rick Waddell
                                    Type mine:
                                                     deep(TR)
                                                                 Days worked:
                                                                                    256
                                                                                                           JAWBONE
                                                                                            Seam(s):
 Address:
           Box 70
                                    Status:
                                                      active
                                                                 Hours worked:
                                                                                 21,702
                                                                                            Seam ht(s):
                                                                                                           48
           Vansant VA 24656
 Town.
                                    Tons-1996:
                                                      128,948
                                                                 Tons/man/hour:
                                                                                    3.5
                                                                                            Equipment:
                                                                                                           ATRS/CM/RD/SC
 Phone ·
           540-935-8810
                                    Tons-1997:
                                                       74,919
                                                                 Wages:
                                                                                474,414
                                                                                            Coal owner(s): ST CLAIR L A S
 Company: DOMINION COAL CORP
                                   Mine:
                                                  DOMINION #8
                                                                 Employees:
                                                                                            County:
                                                                                                           BUCHANAN
 Contact:
           Rick Waddell
                                   Type mine:
                                                     deep (TR)
                                                                 Days worked:
                                                                                    209
                                                                                                           HAGY
                                                                                            Seam(s):
 Address:
           Box 70
                                   Status:
                                                       active
                                                                 Hours worked:
                                                                                 17,775
                                                                                            Seam ht(s):
                                                                                                          38
 Town:
           Vansant VA 24656
                                   Tons-1996:
                                                       92,412
                                                                 Tons/man/hour:
                                                                                    4.2
                                                                                            Equipment:
                                                                                                          ATRS/CM/CD/RD/SC
 Phone:
           540-935-8810
                                   Tons-1997:
                                                       74.885
                                                                 Wages:
                                                                                361,125
                                                                                           Coal owner(s): LEVISA GARDEN REALTY
 Company: DOMINION COAL CORP
                                   Mine:
                                                DOMINION #16
                                                                 Employees:
                                                                                     41
                                                                                           County:
                                                                                                          BUCHANAN
 Contact: Rick Waddell
                                   Type mine:
                                                     deep (TR)
                                                                 Days worked:
                                                                                    259
                                                                                           Seam(s):
                                                                                                          RED ASH
Address:
           Box 70
                                   Status:
                                                      active
                                                                 Hours worked:
                                                                                 94,908
                                                                                           Seam ht(s):
                                                                                                          30
Town .
           Vansant VA 24656
                                   Tons-1996:
                                                     226,327
                                                                 Tons/man/hour:
                                                                                    2.7
                                                                                           Equipment:
                                                                                                          ATRS/CM/CD/RD/SC
Phone:
           540-935-8810
                                   Tons-1997:
                                                     251.620
                                                                 Wages:
                                                                             1,913,319
                                                                                           Coal owner(s): C L RITTER
Company: DOMINION COAL CORP
                                   Mine:
                                                DOMINION #18
                                                                Employees:
                                                                                      n
                                                                                           County:
                                                                                                          BUCHANAN
Contact: Rick Waddell
                                   Type mine:
                                                    deep(TR)
                                                                Days worked:
                                                                                      Ð
                                                                                           Seam(s):
                                                                                                          SPLASHDAM
Address: Box 70
                                   Status:
                                                      active
                                                                Hours worked:
                                                                                      n
                                                                                           Seam ht(s):
                                                                                                          84
Town.
           Vansant VA 24656
                                   Tons-1996:
                                                      23,457
                                                                Tons/man/hour:
                                                                                           Equipment:
                                                                                                          ATRS/CM/RD/SC
                                                                                     na
Phone:
          540-935-8810
                                   Tons-1997:
                                                                Wages:
                                                                                      0
                                                                                           Coal owner(s): STINSON WILLIAMS
Company: DOMINION COAL CORP
                                   Mine:
                                                DOMINION #21
                                                                Employees:
                                                                                    30
                                                                                           County:
                                                                                                          BUCHANAN
Contact: Rick Waddell
                                   Type mine:
                                                    deep (TR)
                                                                Days worked:
                                                                                    256
                                                                                           Seam(s):
                                                                                                          JAWBONE
Address: Box 70
                                   Status:
                                                      active
                                                                Hours worked:
                                                                                60,125
                                                                                           Seam ht(s):
Town:
          Vansant VA 24656
                                   Tons-1996:
                                                     226,728
                                                                Tons/man/hour:
                                                                                   3.8
                                                                                           Equipment:
                                                                                                          ATRS/CM/RD/SC
Phone:
          540-935-8810
                                   Tons-1997:
                                                     231,233
                                                                Wages:
                                                                             1,086,747
                                                                                           Coal owner(s): POCAHONTAS MINING
Company: DOMINION COAL CORP
                                  Mine:
                                                DOMINION #22
                                                                Employees:
                                                                                     Λ
                                                                                           County:
                                                                                                          BUCHANAN
Contact: Rick Waddell
                                  Type mine:
                                                    deep(TR)
                                                                Days worked:
                                                                                     0
                                                                                           Seam(s):
                                                                                                          TILLER
Address: Box 70
                                  Status:
                                                     active
                                                                Hours worked:
                                                                                     0
                                                                                           Seam ht(s):
                                                                                                          60
Town:
          Vansant VA 24656
                                  Tons-1996:
                                                                Tons/man/hour:
                                                                                    na
                                                                                           Equipment:
                                                                                                          ATRS/CM/RD/SC
Phone:
          540-935-8810
                                  Tons-1997:
                                                           ٥
                                                                Wages:
                                                                                     0
                                                                                          Coal owner(s): POCAHONTAS MINING CO
Company: DOMINION COAL CORP
                                  Mine:
                                               DOMINION #25
                                                                Employees:
                                                                                     0
                                                                                          County:
                                                                                                          BUCHANAN
Contact: Henry Baldwin
                                  Type mine:
                                                    deep (TR)
                                                                Days worked:
                                                                                     0
                                                                                          Seam(s):
                                                                                                          HAGY
Address: Box 70
                                  Status:
                                                   inactive
                                                                Hours worked:
                                                                                          Seam ht(s):
                                                                                     0
                                                                                                          30
Town:
          Vansant VA 24656
                                  Tons-1996:
                                                          0
                                                                Tons/man/hour:
                                                                                    na
                                                                                          Equipment:
                                                                                                         ATRS/CM/RD/SC
Phone:
          540-935-8810
                                  Tons-1997:
                                                           0
                                                                Wages:
                                                                                     n
                                                                                          Coal owner(s): na
```

```
Company: DORCHESTER ENTERPRISES Mine:
                                                         MINE #1
                                                                    Employees:
                                                                                               County:
    Contact: Ira Gentry
                                                                                                              DICKENSON
                                      Type mine:
                                                        deep (TR)
                                                                    Days worked:
                                                                                         0
                                                                                               Seam(s):
   Address: Box 2560
                                                                                                              DORCHESTER
                                      Status:
                                                        inactive
                                                                    Hours worked:
                                                                                         n
    Town:
                                                                                               Seam ht(s):
             Wise VA 24293
                                                                                                              42
                                      Tons-1996:
                                                         29,646
                                                                    Tons/man/hour:
             540-926-5438
                                                                                        na
                                                                                               Equipment:
   Phone.
                                                                                                              na
                                      Tons-1997-
                                                                    Wages:
                                                                                         0
                                                                                              Coal owner(s): PARAMONT COAL CO
   Company: DORCHESTER ENTERPRISES Mine:
                                                        MINE #2
                                                                    Employees:
                                                                                        30
                                                                                              County:
   Contact: Roy Mullins
                                                                                                              DICKENSON
                                     Type mine:
                                                       deep (TR)
                                                                   Days worked:
                                                                                       270
                                                                                              Seam(s):
   Address: Box 2560
                                                                                                              LOWER BANNER
                                     Status:
                                                         active
                                                                   Hours worked:
                                                                                    72,141
   Town:
                                                                                              Seam ht(s):
                                                                                                              411
             Wise VA 24293
                                     Tons-1996:
                                                        261,990
                                                                   Tons/man/hour:
                                                                                       3.1
                                                                                              Equipment:
   Phone:
             540-926-5438
                                                                                                              ATRS/CM/RD/SC
                                     Tons-1997:
                                                        226,958
                                                                   Wages:
                                                                               1,091,652
                                                                                              Coal owner(s): RICHARD GILLIAM
   Company: DOUBLE D CONSTRUCTION
                                     Mine:
                                                                   Employees:
                                                                                         ٨
                                                                                              County:
   Contact: Joe Douglas Kilgore
                                                                                                             RUSSELL
                                     Type mine:
                                                     surface(S)
                                                                   Days worked:
                                                                                         0
                                                                                              Seam(s):
   Address: Box 308
                                                                                                             na
                                     Status:
                                                         active
                                                                   Hours worked:
                                                                                        0
                                                                                              Seam ht(s):
            St Paul VA 24283
   Town:
                                                                                                             na
                                     Tons-1996:
                                                         1,642
                                                                   Tons/man/hour:
                                                                                       na
                                                                                              Equipment:
   Phone:
                                                                                                             STRIP
            540-762-7304
                                     Tons-1997:
                                                                   Wages:
                                                                                        0
                                                                                              Coal owner(s): COMMERCIAL RECOVERY
   Company: DOUBLE M #2 MINE INC
                                     Mine:
                                                            #2
                                                                   Employees:
                                                                                        0
                                                                                              County:
   Contact: Daniel Thompkins
                                                                                                             WICE
                                     Type mine:
                                                      deep(TR)
                                                                   Days worked:
                                                                                        n
  Address: Box 349
                                                                                             Seam(s):
                                                                                                             PARDER
                                     Status:
                                                        active
                                                                  Hours worked:
                                                                                             Seam ht(s):
  Town:
                                                                                                             na
            Appalachia VA 24216
                                     Tons-1996:
                                                             0
                                                                  Tons/man/hour:
                                                                                       na
                                                                                             Equipment:
  Phone:
            540-565-2160
                                                                                                             na
                                     Tons-1997:
                                                             0
                                                                  Wages:
                                                                                        O
                                                                                             Coal owner(s): PENN VIRGINIA
  Company: DOUBLE M COAL CO INC
                                     Mine:
                                                                  Employees:
                                                                                       25
  Contact: Gurvis Mullins
                                                                                             County:
                                                                                                            WISK
                                    Type mine:
                                                      deep (TR)
                                                                  Days worked:
                                                                                      267
  Address: Box 349
                                                                                             Seam(s):
                                                                                                            LOWER BANNER
                                    Status:
                                                        active
                                                                  Hours worked:
                                                                                  53,667
                                                                                             Seam ht(s):
  Town:
            Appalachia VA 24216
                                    Tons-1996:
                                                                  Tons/man/hour:
                                                       203.527
                                                                                     2.8
                                                                                             Equipment:
  Phone:
           540-565-2160
                                                                                                            na
                                    Tons-1997:
                                                       151,516
                                                                                 672,649
                                                                  Wages:
                                                                                             Coal owner(s): PENN VIRGINIA
  Company: BAST STAR MINING INC
                                    Mine:
                                                                  Employees:
                                                                                             County:
  Contact: Clinton L Ramey
                                                                                                            BUCHANAN
                                    Type mine:
                                                      deep(TR)
                                                                  Days worked:
                                                                                       0
                                                                                                            RAVEN
  Address: Box 189
                                                                                             Seam(s):
                                    Status:
                                                       active
                                                                  Hours worked:
                                                                                       n
 Town:
                                                                                             Seam ht(s):
           Swords Creek VA 24649
                                                                                                            32
                                    Tons-1996:
                                                       92,466
                                                                  Tons/man/hour:
                                                                                      na
                                                                                            Equipment:
                                                                                                            ATRS/CM/RD/LDR/RTCHB
 Phone:
           540-873-6474
                                    Tons-1997:
                                                       76,886
                                                                  Wages:
                                                                                            Coal owner(s): JEWELL SMOKELESS COAL
                                                                                       n
 Company: FALCON COAL CORP
                                   Mine:
                                                                 Employees:
                                                                                      13
                                                                                            County:
 Contact: Tommy Skeens
                                                                                                            BUCHANAN
                                    Type mine:
                                                     deep(TR)
                                                                 Days worked:
                                                                                     250
                                                                                            Seam(s):
 Address: Box 1234
                                                                                                            HAGY
                                   Status:
                                                       active
                                                                 Hours worked:
                                                                                 31,516
                                                                                            Seam ht(s):
 Town:
                                                                                                           36
           Grundy VA 24614
                                   Tons-1996:
                                                      141,171
                                                                 Tons/man/hour:
                                                                                    3.3
 Phone:
                                                                                            Equipment:
           540-935-7521
                                                                                                           na
                                   Tons-1997:
                                                      105,284
                                                                 Wages:
                                                                                418,681
                                                                                            Coal owner(s): WELLMORE COAL CORP
 Company: FLEETWOOD ENERGY INC
                                   Mine:
                                                      MINE #3
                                                                 Employees:
                                                                                     13
 Contact:
                                                                                            County:
                                                                                                           WISE
          Gary M Collins
                                   Type mine:
                                                     deep(TR)
                                                                 Days worked:
                                                                                    216
                                                                                            Seam(s):
 Address: Box 3628
                                                                                                           DORCHESTER
                                   Status:
                                                                 Hours worked:
                                                       active
                                                                                 23,701
                                                                                            Seam ht(s):
 Town:
                                                                                                           48
          Wise VA 24293
                                   Tons-1996:
                                                       5,855
                                                                 Tons/man/hour:
                                                                                    1.4
                                                                                            Equipment:
                                                                                                           ATRS/CM/LDR/RD/RTCHB
 Phone:
          540-796-5076
                                   Tons-1997:
                                                      33,457
                                                                 Wages:
                                                                                344,272
                                                                                           Coal owner(s): AMBROSE BRANCH COAL
Company: FLEETWOOD ENERGY INC
                                   Mine:
                                                     MINE #4
                                                                 Employees:
Contact:
                                                                                     12
                                                                                           County:
                                                                                                          DICKENSON
          Gary M Collins
                                  Type mine:
                                                    deep (TR)
                                                                Days worked:
Address: Box 3628
                                                                                     48
                                                                                           Seam(s):
                                                                                                          SPLASHDAM
                                  Status:
                                                      active
                                                                Hours worked:
                                                                                  3,651
                                                                                           Seam ht(s):
Town:
                                                                                                          24/28
          Wise VA 24293
                                  Tons-1996:
                                                           ٨
                                                                Tons/man/hour:
                                                                                   1.2
Phone:
                                                                                           Equipment:
          540-796-5076
                                                                                                          ATRS/CH/CM/RD
                                  Tons-1997:
                                                       4,289
                                                                Wages:
                                                                                 75,572
                                                                                           Coal owner(s): na
Company: FORK RIDGE COAL CORP
                                  Mine:
                                                                Employees:
                                                          #1
Contact:
                                                                                    30
                                                                                           County:
                                                                                                          WISE
         Frank Bowman
                                  Type mine:
                                                    deep (TR)
                                                                Days worked:
                                                                                   201
Address: Box 2560
                                                                                           Seam(s):
                                                                                                          IMBODEN
                                  Status:
                                                    inactive
                                                                Hours worked:
                                                                                51,428
                                                                                           Seam ht(s):
Town:
         Wise VA 24293
                                  Tons-1996:
                                                     12,972
                                                                Tons/man/hour:
Phone:
                                                                                   5.1
                                                                                           Equipment:
                                                                                                          CM/RD/LDR/SC
         540-679-0804
                                  Tons-1997:
                                                     262,113
                                                                               809,014
                                                                Wages:
                                                                                           Coal owner(s): RICHARD GILLIAM
```

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Company: GLAMORGAN COAL CO
                                     Mine:
                                                 BEVERLY HILLS
                                                                  Employees:
                                                                                      59
                                                                                            County:
                                                                                                           WISE
  Contact:
            Eddie Bateman
                                     Type mine:
                                                      deep(TR)
                                                                  Days worked:
                                                                                     349
                                                                                            Seam(s):
                                                                                                           NORTON
  Address: Box 3237
                                    Status:
                                                                  Hours worked: 131,780
                                                       active
                                                                                            Seam ht(s):
                                                                                                           30/36
  Town:
            Wise VA 24293
                                     Tons-1996:
                                                      215,628
                                                                  Tons/man/hour: 1.9
                                                                                            Equipment:
                                                                                                           ATRS/CH/CM/RD/SC
  Phone:
            540-328-8078
                                    Tons-1997:
                                                      249,701
                                                                                            Coal owner(s): GLAMORGAN COAL LAND
                                                                  Wages:
  Company: GLAMORGAN COAL CO
                                    Mine:
                                                    NORTON #1
                                                                  Employees:
                                                                                       0
                                                                                            County:
                                                                                                           WISE
  Contact: Eddie Bateman
                                    Type mine:
                                                     deep (TR)
                                                                 Days worked:
                                                                                      ñ
                                                                                            Seam(s):
                                                                                                           na
  Address:
           Box. 3237
                                    Status:
                                                       active
                                                                 Hours worked:
                                                                                      0
                                                                                            Seam ht(s):
                                                                                                           na
  Town -
            Wise VA 24293
                                    Tons-1996:
                                                            0
                                                                 Tons/man/hour:
                                                                                     na
                                                                                            Equipment:
                                                                                                           na
  Phone:
            540-328-8078
                                    Tons-1997:
                                                            Ô
                                                                 Wages:
                                                                                            Coal owner(s): GLAMORGAN COAL CO
  Company: GLEN ALLEN MINING INC
                                    Mine:
                                                                 Employees:
                                                                                  19
                                                                                           County:
                                                                                                           BUCHANAN
  Contact: Glen A Smith
                                    Type mine:
                                                     deep (TR)
                                                                 Days worked:
                                                                                     40
                                                                                           Seam(s):
                                                                                                          BLAIR
  Address: Box 1980
                                    Status:
                                                     inactive
                                                                 Hours worked:
                                                                                  4,650
                                                                                           Seam ht(s):
                                                                                                          34
  Town:
           Grundy VA 24614
                                    Tons-1996:
                                                       90,932
                                                                 Tons/man/hour:
                                                                                    7.9
                                                                                           Equipment:
                                                                                                          ATRS/CM/RD/SC
  Phone:
           540-935-4581
                                    Tons-1997:
                                                       36,577
                                                                 Wages:
                                                                                 55,824
                                                                                           Coal owner(s): UNITED COAL CORP
  Company: GRAND CANYON MINING CO Mine:
                                                                 Employees:
                                                                                     24
                                                                                           County:
                                                                                                          WISE
  Contact: Bill Sawyer
                                    Type mine:
                                                     deep (TR)
                                                                 Days worked:
                                                                                    223
                                                                                           Seam(s):
                                                                                                          JAWBONE
  Address: Box 334
                                    Status:
                                                    inactive
                                                                 Hours worked:
                                                                                49.906
                                                                                           ·Seam ht(s):
                                                                                                          78
  Town:
           Bristol VA 24203
                                   Tons-1996:
                                                     183,190
                                                                 Tons/man/hour:
                                                                                   3.3
                                                                                           Equipment:
                                                                                                          na
 Phone:
           540-669-8411
                                   Tons-1997:
                                                      162,602
                                                                                711,042
                                                                 Wages:
                                                                                           Coal owner(s): RAPOCA ENERGY CO
 Company: GREAT KNOBS MINING CORP Mine:
                                                          #1
                                                                 Employees:
                                                                                           County:
                                                                                                          BUCHANAN
 Contact: Dennis Ramey
                                   Type mine:
                                                    deep (TR)
                                                                 Days worked:
                                                                                   280
                                                                                           Seam(s):
                                                                                                          SPLASHDAM
 Address: Box 916
                                   Status:
                                                      active
                                                                 Hours worked:
                                                                                39,200
                                                                                           Seam ht(s):
                                                                                                          na
 Town:
           Abingdon VA 24210
                                   Tons-1996:
                                                          0
                                                                Tons/man/hour:
                                                                                   2.1
                                                                                           Equipment:
                                                                                                          na
 Phone:
           540-628-8451
                                                                               627,000
                                   Tons-1997:
                                                      80,813
                                                                Wages:
                                                                                           Coal owner(s): HARMAN MINING CO
 Company: GREATER WISE INC
                                   Mine:
                                                   #13 STRIP
                                                                Employees:
                                                                                           County:
                                                                                                          WISE
 Contact: Mike Thomas
                                   Type mine:
                                                  surface(S)
                                                                Days worked:
                                                                                   253
                                                                                           Seam(s):
                                                                                                          PHI/USTA/MER
 Address: Box 668
                                   Status:
                                                      active
                                                                Hours worked:
                                                                                61,487
                                                                                           Seam ht(s):
                                                                                                          48/16/16
 Town:
           Norton VA 24273
                                   Tons-1996:
                                                     306,104
                                                                Tons/man/hour:
                                                                                  5.5
                                                                                          Equipment:
                                                                                                          STRIP
 Phone:
           540-679-5796
                                   Tons-1997:
                                                     338,077
                                                                Wages:
                                                                           1.471.671
                                                                                          Coal owner(s): PENN VIRGINIA
 Company: GREATER WISE INC
                                   Mine:
                                                         #14
                                                                Employees:
                                                                                    29
                                                                                          County:
                                                                                                          WISE
 Contact: James M Thomas
                                   Type mine:
                                                  surface(S)
                                                                Days worked:
                                                                                    46
                                                                                          Seam(s):
                                                                                                         LOWER BANNER
 Address: Box 668
                                   Status:
                                                    inactive
                                                                Hours worked:
                                                                                10,073
                                                                                          Seam ht(s):
                                                                                                         30/48/30/32
 Town:
          Norton VA 24273
                                   Tons-1996:
                                                    323,646
                                                                Tons/man/hour:
                                                                                   6.0
                                                                                          Equipment:
                                                                                                         STRIP
Phone:
          540-679-5796
                                  Tons-1997:
                                                      59,960
                                                                Wages:
                                                                               163,187
                                                                                          Coal owner(s): PENN VIRGINIA
Company: GREATER WISE INC
                                  Mine:
                                                   #16 STRIP
                                                                Employees:
                                                                                    29
                                                                                          County:
                                                                                                         WISE
Contact: James M Thomas
                                  Type mine:
                                                 surface(S)
                                                               Days worked:
                                                                                   207
                                                                                                         UPPER STANDIFORD
                                                                                          Seam(s):
Address: Box 668
                                  Status:
                                                     active
                                                               Hours worked: 56,995
                                                                                          Seam ht(s):
                                                                                                         28/20/35
Town:
          Norton VA 24273
                                  Tons-1996:
                                                               Tons/man/hour:
                                                                                  4.6
                                                                                          Equipment:
                                                                                                         STRIP
Phone:
          540-679-5796
                                  Tons-1997:
                                                    264,201
                                                                          1,274,589
                                                               Wages:
                                                                                          Coal owner(s): PENN VIRGINIA
Company: GUEST MOUNTAIN MINING
                                  Mine:
                                                    MINE #2
                                                               Employees:
                                                                                   26
Contact: Larry Sturgill
                                                                                          County:
                                                                                                         WISE
                                  Type mine:
                                                   deep (TR)
                                                               Days worked:
                                                                                  101
                                                                                         Seam(s):
                                                                                                         DORCHESTER
Address: Box 2560
                                  Status:
                                                   inactive
                                                               Hours worked:
                                                                               27,643
                                                                                         Seam ht(s):
                                                                                                         34
Town:
         Wise VA 24293
                                  Tons-1996:
                                                    164,632
                                                               Tons/man/hour:
                                                                                  2.6
                                                                                         Equipment:
                                                                                                         ATRS/CM/CD/RD/LDR/S
Phone:
        540-679-0804
                                  Tons-1997:
                                                     73,101
                                                                              423,244
                                                               Wages:
                                                                                         Coal owner(s): RICHARD GILLIAM
Company: H C BOSTIC COAL CO INC Mine: Contact: Wayne Bostic Type n
                                                               Employees:
                                                                                         County:
                                                                                                         RUSSELL
                                  Type mine:
                                                 surface(S)
                                                               Days worked:
                                                                                   93
                                                                                         Seam(s):
                                                                                                        na
Address: Box 220
                                  Status:
                                                     active
                                                               Hours worked:
                                                                                  743
                                                                                         Seam ht(s):
                                                                                                        na
Town:
         Swords Creek VA 24649
                                  Tons-1996:
                                                        25
                                                               Tons/man/hour:
                                                                                  1.0
                                                                                         Equipment:
                                                                                                        na
Phone:
         540-991-0021
                                  Tons-1997:
                                                        768
                                                               Wages:
                                                                                4,461
                                                                                         Coal owner(s): BUCKHORN COAL CO
```

Contact:	HOM COAL CO INC James W Estep Box 1025 Grundy VA 24614 540-935-7053	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) active 0 50,986	Employees: 17 Days worked: 196 Hours worked: 26,656 Tons/man/hour: 1.9 Wages: 345,028	County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	BUCHANAN SPLASHDAM 48 ATRS/CM/RD/SC : UNITED COAL CORP
Contact:	HORN CONSTRUCTION CO Ronnie Horn Box 815 Grundy VA 24614 540-935-7521	Mine: Type mine: Status: Tons-1996: Tons-1997:	MINE #4 surface(S) active 110,461 147,411	Employees: 25 Days worked: 245 Hours worked: 49,506 Tons/man/hour: 3.0 Wages: 607,518	Equipment:	BUCHANAN BAGLE 62/66 STRIP UNITED COAL CORP
Contact:	HORN CONSTRUCTION CO Rdward Horn Box 815 Grundy VA 24614 540-935-7521	Mine: Type mine: Status: Tons-1996: Tons-1997:	active	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0		BUCHANAN RAGLE 58/24/36 STRIP : WELLMORE COAL CORP
	James M Thomas Box 668	Type mine: Status:	active	Employees: 24 Days worked: 253 Hours worked: 52,911 Tons/man/hour: 3.6 Wages: 1,096,534	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	WISE TAGGART 45/35/35/36/38 STRIP PENN VIRGINIA
	HUMPHRRYS ENTERPRISES James M Thomas Box 668 Norton VA 24273 540-679-5796	Mine: Type mine: Status: Tons-1996: Tons-1997:	#17 surface(S) active 373,559 456,327	Employees: 32 Days worked: 253 Hours worked: 74,934 Tons/man/hour: 6.1 Wages: 1,619,186	County: Seam(s): Seam ht(s): Rquipment: Coal owner(s):	WISE UPPER STANDIFORD 38 STRIP PENN VIRGINIA
Contact:	INDIAN GAP COAL CO Eddie Bateman Box 3237 Wise VA 24293 540-328-8078	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 31,621	Employees: 2 Days worked: 0 Hours worked: 2,994 Tons/man/hour: na Wages: 0	Equipment:	WISE DORCHESTER 42 ATRS/CM/RD/LDR/SC CCF ENTERPRISES/HEIRS
Company: Contact: Address: Town: Phone:	Box 1139 Grundy VA 24614	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) active 105,010 51,557	Employees: 19 Days worked: 184 Hours worked: 23,235 Tons/man/hour: 2.2 Wages: 344,395	County: Seam(s): Séam ht(s): Equipment: Coal owner(s):	BUCHANAN CAMPBELL CREEK 36 ATRS/CM/RD/SC UNITED COAL CO
	ISLAND CREEK COAL CO Bill Fertall Drawer L Oakwood VA 24631 540-498-8200	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TI) active 0	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN POCAHONTAS 3 66 na na
	ISLAND CREEK COAL CO Bill Fertall Drawer L Oakwood VA 24631 540-498-8200	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TI) active 0	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na na
	ISLAND CREEK COAL CO Kent Wright Drawer L Oakwood VA 24631 540-498-8200	Mine: Type mine: Status: Tons-1996: Tons-1997:	VP #3 deep(TI) active 1,583,659 2,216,362	Bmployees: 254 Days worked: 269 Hours worked: 617,365 Tons/man/hour: 3.6 Wages: 14,571,786	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN POCAHONTAS 3 72 na LEVISA COAL CORP

	JUST-US COAL CORP James Justice Box 359 Hurley VA 24620 540-566-7079	Mine: Type mine: Status: Tons-1996: Tons-1997:	MINE #4 deep(TR) active 0 31,785	Employees: Days worked: Hours worked: Tons/man/hour: Wages:		County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	BUCHANAN DORCHESTER 42 ATRS/CTR/CD/RD : RACE FORK COAL CORP
	K&N COAL CO INC Mark a Hackney Rt 1 Box 513 Grundy VA 24614 540-566-7525	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 0 2,375	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	BUCHANAN KENNEDY 28 ATRS/CM/RD/SC : KOCH RAVEN COAL CO
Company: Contact: Address: Town: Phone:	K&N COAL CO INC Mark A Hackney Rt 1 Box 513 Grundy VA 24614 540-566-7525	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	BUCHANAN na na na na koch raven coal co
Company: Contact: Address: Town: Phone:	K&N COAL CO INC Mark A Hackney Rt 1 Box 513 Grundy VA 24614 540-566-7525	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na koch raven coal co
Company: Contact: Address: Town: Phone:	KADE COAL CO INC Frank Hackney Rt 1 Box 513 Grundy VA 24614 540-566-8848	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	11 75 5,810 na 83,200	County: Seam(s): Seam ht(s): Rquipment: Coal owner(s):	BUCHANAN na 72 ATRS/CM/RD/LDR/SC KOCH RAVEN COAL CO
Company: Contact: Address: Town: Phone:	KADE COAL CO INC Frank Hackney Rt 1 Box 513 Grundy VA 24614 540-566-8848	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 8,678	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	5 6 256 na 3,000	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN KENNEDY 28 ATRS/CM/RD/SC KOCH RAVEN COAL CO
Company: Contact: Address: Town: Phone:	KADE COAL CO INC Frank Hackney Rt 1 Box 513 Grundy VA 24614 540-566-8848	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na na RAVEN COAL CO INC
	KENS COAL CO INC Kenes P Roberts Rt 3 Box 452 Tazewell VA 24651 540-988-5476	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 6,808	Rmployees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	TAZEWELL na 38 na CONSOLIDATION COAL CO
Contact:	KMH ENERGY CORP Kenneth Stanley 1240 Potters Town Rd Pound VA 24279 540-328-3421	Mine: Type mine: Status: Tons-1996: Tons-1997:	surface(S) active	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	DICKENSON SPLASEDAM 30 STRIP KENNETH STANLEY
	KNOX CREEK COAL CORP Stanley C Suboleski Box 901 Grundy VA 24614 703-935-7521	Mine: Type mine: Status: Tons-1996: Tons-1997:	CAPITAL #3 deep(TR) active 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	TAZEWELL TILLER na na UNITED COAL CO

Company: Contact: Address: Town: Phone:		Mine: Type mine: Status: Tons-1996: Tons-1997:	#44 deep(TR) active 126,903 150,173	Employees: 26 Days worked: 236 Hours worked: 53,763 Tons/man/hour: 2.8 Wages: 616,765	County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	DICKENSON LOWER BANNER 48 ATRS/CM/RD/SC : RAPOCA ENERGY CO
Company: Contact: Address: Town: Phone:	Kevin Lowe	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) active 0 22,252	Employees: 12 Days worked: 109 Hours worked: 20,737 Tons/man/hour: 1.1 Wages: 46,133	County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	DICKENSON UPPER BANNER na na : GEORGE LAMBERT
Company: Contact: Address: Town: Phone:		Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 70,233 25,450	Employees: 12 Days worked: 127 Hours worked: 13,535 Tons/man/hour: 1.9 Wages: 166,958	County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	DICKENSON LOWER BANNER 40 CM/CD/RD : CLINCHFIELD COAL CO
Company: Contact: Address: Town: Phone:	Kevin Lowe	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) active 0 1,448	Employees: 22 Days worked: 21 Hours worked: 2,408 Tons/man/hour: 0.6 Wages: 46,382	County: Seam(s): Seam ht(s): Equipment: Coal owner(s)	DICKENSON LOWER BANNER 40 ATRS/CM/RD/SC RAPOCA ENERGY CO
Company: Contact: Address: Town: Phone:		Mine: Type mine: Status: Tons-1996: Tons-1997:	deep{TR) active 41,284 36,018	Employees: 10 Days worked: 232 Hours worked: 13,297 Tons/man/hour: 2.7 Wages: 171,050	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN SPLASHDAM 30 ATRS/CM/RD/RTCHB UNITED COAL CO
Company: Contact: Address: Town: Phone:	LEBO MINING INC Delbert R Sturgell Box 2650 Wise VA 24293 540-679-1934	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) active 25,277 142,560	Employees: 31 Days worked: 246 Hours worked: 48,820 Tons/man/hour: 2.9 Wages: 1,052,496	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	WISE PHILLIPS 54 ATRS/CM/RD/SC RED RIVER COAL CO
Company: Contact: Address: Town: Phone:	LEE-COAL MINING INC Bric Ball Rt 1 Box 237 Keokee VA 24265 540-565-5006	Mine: Type mine: Status: Tons-1996: Tons-1997:	#1 deep(TR) active 162,996 202,515	Employees: 37 Days worked: 200 Hours worked: 66,000 Tons/man/hour: 3.1 Wages: 924,000	County: Seam(s): Seam bt(s): Equipment: Coal owner(s):	LEE HARLAN 40 ATRS/CH/CM/RD/RTCHB SIGMON COAL CO
Company: Contact: Address: Town: Phone:	LESLIR MINING INC Larry Lambert Box 558 Norton VA 24273 540-679-6628	Mine: Type mine: Status: Tons-1996: Tons-1997:	MINE #1 deep(TR) inactive 57,738 7,946	Employees: 9 Days worked: 82 Hours worked: 4,923 Tons/man/hour: 1.6 Wages: 87,309	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	DICKENSON UPPER BANNER 38 ATRS/CE/RD G B LAMBERT
Company: Contact: Address: Town: Phone:	LONE MOUNTAIN Stephen E Sharp Box 40 Pennington Gap VA 24277 540-383-4455	Mine: Type mine: Status: Tons-1996: Tons-1997:	6-C MINE #1 deep(TR) active 31,535	Employees: 5 Days worked: 240 Hours worked: 12,439 Tons/man/hour: na Wages: 268,000	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	LEE na 40 ATRS/CM/RD ARK LAND CO
	LONE WOLF COAL CO INC Stephen D Halsey 5741 Cranes Nest Rd Coeburn VA 24230 540-395-2020	Mine: Type mine: Status: Tons-1996: Tons-1997:	#1 MINE deep(TR) active 32,878 144,603	Employees: 51 Days worked: 289 Hours worked: 87,900 Tons/man/hour: 1.6 Wages: 1,080,279	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN JAWBONE 42 ATRS/CM/LDR/SC SEA *B* MINING CO

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Company	: MATT MINING CO INC	Mine:	#2	Employees: 41	County:	WISE
Contact	: Christopher Fraley	Type mine:	surface(S)			
	: Box 940			Days worked: 272	Seam(s):	PINHOOK
		Status:	active	Hours worked: 178,432	Seam ht(s):	20/36/60
Town:	Big Stone Gap VA 24291		390,552	Tons/man/hour: 2.3	Equipment:	STRIP
Phone:	540-523-2823	Tons-1997:	417,385	Wages: 1,918,144	Coal owner(c)	: MATT MINING CO INC
			12./505	1,710,111	COUL OWNER (8)	: MAIL MINING CO INC
Company	: MEADOW BRANCH MINING	Winn.	TAN ORTHUR DA			
		Mine:	LOW SPLINT #1	Employees: 30	County:	WISB
	: Frank Bowman	Type mine:	deep(TR)	Days worked: 74	Seam(s):	na
Address:	: Box 2560	Status:	active	Hours worked: 17,635	Seam ht(s):	48
Town:	Wise VA 24293	Tons-1996:	0			
Phone:			_	Tons/man/hour: 4.6	Equipment:	ATRS/CM/RD/SC
rhone.	340-6/3-0004	Tons-1997:	80,609	Wages: 191,251	Coal owner(s)	RICHARD GILLIAM
_						
Company:	MIDDLE CREEK ENERGY	Mine:	#1	Employees: 16	County:	TAZEWELL
Contact:	Dennis Simmons	Type mine:	deep(TR)			
	Box 1174			Days worked: 160	Seam(s):	GREASY CREEK
		Status:	active	Hours worked: 22,121	Seam ht(s):	72
Town:	Cedar Bluff WV 24609	Tons-1996:	101,501	Tons/man/hour: 2.4	Equipment:	ATRS/CM/RD
Phone:	540-963-9878	Tons-1997:	53,049	Wages: 390,449	Coal owner(s):	
			33/013	mages. 330,443	Coal Owner(8)	SIMMUNS LAND
Company:	MIDDLETON MINING LLC	Wine.	RETURN DA			
		· Mine:	MINE #1	Employees: 28	County:	WISE
Contact:	4 4	Type mine:	deep(TR)	Days worked: 110	Seam(s):	PARDER
Address:	Box 520	Status:	active	Hours worked: 20,410	Seam ht(s):	42
Town:	Nora VA 24270	Tons-1996:	0			
Phone:	540-835-8666		•	Tons/man/hour: 2.7	Equipment:	ATRS/CM/RD/SC
rhoue.	340-033-0000	Tons-1997:	55,157	Wages: 289,842	Coal owner(s):	CANE PATCH DOMINION
_						
Company:	MIDDLETON MINING LLC	Mine:	MINE #2	Employees: 39	County:	WISE
Contact:	Freddie Elkins	Type mine:	deep(TR)	Days worked: 77		
Address.	Box 520	Status:	uccp(in)		Seam(s):	PHILLIPS
			active	Hours worked: 22,626	Seam ht(s):	48
Town:	Nora VA 24270	Tons-1996:	0	Tons/man/hour: 1.9	Equipment:	ATRS/CM/RD/SC
Phone:	540-835-8666	Tons-1997:	43,169	Wages: 305,887	Coal owner(s):	
				000,007	cour owner (b).	14
Company:	MILL BRANCH COAL CORP	Mine:	MINE #1	Denlaman.		
Contact:				Employees: 31	County:	WISB
		Type mine:	deep(TR)	Days worked: 226	Seam(s):	KELLY
	Box 2560	Status:	active	Hours worked: 60,363	Seam ht(s):	60/144
Town:	Wise VA 24293	Tons-1996:	0	Tons/man/hour: 5.4	Equipment:	ATRS/CM/RD/SC
Phone:	540-679-0804	Tons-1997:	326,052		Jan's amon (-)	AIRS/CH/RD/SC
		1000 1777.	20,02	Wages: 850,337	coal owner(s):	RICHARD GILLIAM
G	WINDSHIELD GOLD GO THE					
Company:	MINUTEMAN COAL CO INC	Mine:	MINE #5	Employees: 27	County:	WISK
Contact:	Carl A Hamilton	Type mine:	deep(TR)	Days worked: 22	Seam(s):	na
Address:	5741 Cranes Nest Rd	Status:	inactive	Hours worked: 2,278		
Town:	Coeburn VA 24230	Tons-1996:			Seam ht(s):	na
Phone:		TUUS-1990:	0	Tons/man/hour: 0.5	Equipment:	па
Phone:	540-395-6517	Tons-1997:	1,241	Wages: 34,722	Coal owner(s):	GLAMORGAN COAL CO
Company:	MISTY-BEC COAL CORP	Mine:	CONAWAY MINE	Employees: 10	County:	BUCHANAN
	Gary Horn	Type mine:	deep(TR)		County.	
Address.	Box 1715			Days worked: 10	Seam(s):	SPLASHDAM
		Status:	active	Hours worked: 979	Seam ht(s):	34
Town:	Bristol VA 24203	Tons-1996:	- 0	Tons/man/hour: 0.2	Equipment:	ATRS/CH/CM/RD
Phone:	540-963-9396	Tons-1997:	164	Wages: 14,110		RAPOCA ENERGY CO
				21,224	TOUL OWNER (D).	KRIOCA BRBKG1 CO
Company.	MISTY-BEC COAL CORP	Mine:	#3	Employees.	Courbu	NWAM3 113 11
				Employees: 28	County:	BUCHANAN
Addres-	Rister McClanahan	Type mine:	deep (TR)	Days worked: 233	Seam(s):	SPLASHDAM
	Box 1715	Status:	active	Hours worked: 58,763	Seam ht(s):	38
Town:	Bristol VA 24203	Tons-1996:	166,830	Tons/man/hour: 2.1	Equipment:	na
Phone:	540-963-9396	Tons-1997:	125,409		Cool opports	
		2771.	143,447	Wages: 867,270	COMIT OWNER (S):	RAPOCA ENERGY CO
Company.	MOTIVATION COST CO	Mina	N13/17 Sec-	- 1		
	MOTIVATION COAL CO	Mine:	BLACK BEAR	Employees: 41	County:	RUSSELL
Contact:	Gary Dotson	Type mine:	surface(S)	Days worked: 34		LOWER BANNER
Address:	Box 7	Status:	active	Hours worked: 6,803		
Town:	Dante VA 24237	Tons-1996:				80
Phone:	540-679-8600		0	Tons/man/hour: 4.9		STRIP
- mont.	J=0-0/J-00VV	Tons-1997:	33,651	Wages: 162,663	Coal owner(s):	PYXIS RESOURCES CO

	Company:	NEHEMIAH COAL COMPANY	Mine:	#2	Employees:	0	County:	WISB
		Jeffrey W Newberry	Type mine:	deep(TR)	Days worked:	0	Seam(s):	
		Box 486	Status:	active	Hours worked:	-		HIGH SPLINT
	Town:	Appalachia VA 24216	Tons-1996:			0	Seam ht(s):	38
	Phone:	540-565-5268		0	Tons/man/hour:		Equipment:	ATRS/CM/SC
	ruone.	340-303-3200	Tons-1997:	0	Wages:	0	Coal owner(s)	: PATTY JO NEWBERRY
	A	WELL THE SEASON OF THE	**1					
		NEW LIFE RESOURCES INC		MINE #1	Employees:	50	County:	TAZEWELL
		Richard Drum	Type mine:	deep(TR)	Days worked:	63	Seam(s):	JAWBONE
		Box 1070	Status:	active	Hours worked:	27,591	Seam ht(s):	40/72
	Town:	Richlands VA 24656	Tons-1996:	56,982	Tons/man/hour:		Equipment:	ATRS/CM/RTCHB
	Phone:	540-964-3262	Tons-1997:	41,508	Wages:	427,010	Coal owner(c)	: VALLEY RIVER LEASING
				12/300	nages.	121,010	COUL OWNET (2)	. ANDREA MARK DEWOLDS
	Company:	NORTH BRANCH COAL CO	Mine:	#1	Employees:	20	Country	MA COMOT T
		Steve D Vinson	Type mine:			38	County:	TAZEWELL
		Box 1085	Status:	deep (TR)	Days worked:	128	Seam(s):	LOWER BANNER
	Town:			inactive	Hours worked:	38,912	Seam ht(s):	42
		Richlands VA 24656	Tons-1996:	243,849	Tons/man/hour:		Equipment:	ATRS/CM/CD/RD/SC
	Phone:	540-963-9522	Tons-1997:	53,996	Wages:	0	Coal owner(s)	: CONSOLIDATION COAL CO
	Company:		Mine:	#3	Employees:	50	County:	WISE
	Contact:	Tom Phipps	Type mine:	deep(TR)	Days worked:	270	Seam(s):	KELLY
	Address:	Box 2560	Status:	active	Hours worked:		Seam ht(s):	108
	Town:	Wise VA 24293	Tons-1996:	574,615	Tons/man/hour:		Equipment:	ATRS/CM/RD/SC
	Phone:	540-679-2560	Tons-1997:	759,428				AIKS/CM/KU/SC
			1000 1777.	137, 120	nayes. 1	,632,158	Coar owner(s):	RICHARD GILLIAM
	Company:	NUPAC MINING INC	Mine:	#2	Penlauses.	4.5	C	2444
	Contact:	Hank K Matney		#3	Employees:	15	County:	RUSSELL
		Box 1426	Type mine:	deep (TR)	Days worked:	250	Seam(s):	KENNEDY
			Status:	active	Hours worked:		Seam ht(s):	48
	Town:	Grundy VA 24614	Tons-1996:	17,029	Tons/man/hour:		Equipment:	ATRS/CM/RD/SC
	Phone:	540-935-7562	Tons-1997:	67,539	Wages:	524,425	Coal owner(s):	KNOX CREEK COAL CORP
	Company:	NUFAC MINING INC	Mine:	#4	Employees:	7	County:	TAZEWELL
	Contact:	Hank K Matney	Type mine:	deep(TR)	Days worked:	35	Seam(s):	POCAHONTAS 3
	Address:	Box 1426	Status:	inactive	Hours worked:	1,974	Seam ht(s):	42
	Town:	Grundy VA 24614	Tons-1996:	0	Tons/man/hour:		Equipment:	ATRS/CM/RD/SC
	Phone:	540-935-7562	Tons-1997:	2,541	Wages:	13,559		
			1040 1331.	21711	mayes.	13,333	Coal owner(s):	KNOX CREEK COAL CORP
	Company:	OLD DOMINION ENERGY	Mine:	#4	Pmplassas.	•	County	2 H AH 2 44 4 4
	Contact:	Eddie Skeens	Type mine:		Employees:	2	County:	BUCHANAN
	Address:			deep(TR)	Days worked:	0	Seam(s):	DORCHESTER
			Status:	inactive	Hours worked:	1,586	Seam ht(s):	48
	Town:	Grundy VA 24614	Tons-1996:	71,835	Tons/man/hour:	na	Equipment:	ATRS/CM/RD/SC
	Phone:	540-935-7142	Tons-1997:	0	Wages:	22,201	Coal owner(s):	WELLMORE COAL CORP
	Company:	OM VICARS COAL CO	Mine:	#1 DEEP	Employees:	51	County:	WISE
	Contact:	Rddie Bateman	Type mine:	deep(TR)	Days worked:	337	Seam(s):	DORCHESTER
	Address:	Box 3237	Status:	active	Hours worked:		Seam ht(s):	72
	Town:	Wise VA 24293	Tons-1996:	274,719	Tons/man/hour:	1.7	Equipment:	ATRS/CM/CD/RD/SC
	Phone:	540-328-8078	Tons-1997:	197,894	Wages:	1.7	Cool owner(a)	PYXIS RESOURCES CO
			1000 1771.	171,074	nages.	U	coar owner(s):	PIAIS RESUURCES CO
	Company.	PEW MINE PARTS	Wino.	11 5	Two laws as			
	Contact.		Mine:	#5	Employees:	11	County:	BUCHANAN
			Type mine:	deep(TR)	Days worked:	45	Seam(s):	KENNEDY
	Address:		Status:	inactive	Hours worked:	4,758	Seam ht(s):	36
			Tons-1996:	62,925	Tons/man/hour:	1.4	Equipment:	ATRS/CM/RD/SC
	Phone:	540-887-2421	Tons-1997:	6,587	Wages:	91,149	Coal owner(s):	
(Mine:	NUFAC	Employees:	0	County:	BUCHANAN
		Jackie Plaster	Type mine:	deep(TR)	Days worked:	0	Seam(s):	na
1	Address:		Status:	inactive	Hours worked:	0	Seam ht(s):	na
			Tons-1996:	0	Tons/man/hour:	na		
			Tons-1997:	Ö	Wages:	_	Equipment:	DEDMAC TWO
			- VAU 1771.	V	nayes.	0	Coal owner(s):	PARMAL INC

Company: Contact: Address: Town: Phone:	Jerry Bledsoe	Mine: Type mine: Status: Tons-1996: Tons-1997:	active 32,809	Employees: 46 Days worked: 268 Hours worked: 105,741 Tons/man/hour: 2.7 Wages: 2,375,275	County: Seam(s): Seam ht(s): Bquipment: Coal owner(s)	WISE UPPER BANNER 40 na : PYXIS RESOURCES CO
Contact:	PARTS CORPORATION Alfred H Domjahn Box 2199 Coeburn VA 24230 540-395-3606	Mine: Type mine: Status: Tons-1996: Tons-1997:	inactive 531,819	Employees: 30 Days worked: 43 Hours worked: 15,307 Tons/man/hour: 3.6 Wages: 195,991	County: Seam(s): Seam ht(s): Bquipment: Coal owner(s):	WISE KELLY 50 ATRS/CM/RD/SC AMBROSE BRANCH COAL
	PERMAC INC Robert L Steele Box 296 Oakwood VA 24631 540-498-4593	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) active 0	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na PERMAC INC
Company: Contact: Address: Town: Phone:	PERMAC INC Robert L Steele Box 296 Oakwood VA 24631 540-498-4593	Mine: Type mine: Status: Tons-1996: Tons-1997:	GOOD TIMES #6 deep(TR) active 0 0	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na PERMAC INC
Company: Contact: Address: Town: Phone:	PERMAC INC Robert L Steele Box 296 Oakwood VA 24631 540-498-4593	Mine: Type mine: Status: Tons-1996: Tons-1997:	JRFF #2 deep(TR) active 0 0	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na
Company: Contact: Address: Town: Phone:	POWBLL MOUNTAIN COAL Gary E Swiney R-1 Box 140 St Charles VA 24282 540-383-4668	Mine: Type mine: Status: Tons-1996: Tons-1997:	DARBY #1 deep(TR) active 73,414	Employees: 1 Days worked: 0 Hours worked: 1,551 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Rquipment:	LEE DARBY 48 CM/RD/LDR/SC DULCIMER LAND CO
Company: Contact: Address: Town: Phone:	POWELL MOUNTAIN COAL Michael Clark R-1 Box 140 St Charles VA 24282 540-383-4668	Mine: Type mine: Status: Tons-1996: Tons-1997:	PoMoCo surface(S) active	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Equipment:	LEB na na strip DULCIMER LAND CO
Address: Town:	POWBLL MOUNTAIN COAL T J Harless R-1 Box 140 St Charles VA 24282 540-383-4668	Mine: Type mine: Status: Tons-1996: Tons-1997:	UPPER MASON #1 deep(TR) active 320,290 370,835	Employees: 63 Days worked: 304 Hours worked: 151,632 Tons/man/hour: 2.4 Wages: 3,343,568	County: Seam(s): Seam ht(s): Equipment:	LEE UPPER MASON 36
Contact: Address: Town:	POWRLL MOUNTAIN COAL Gary E Swiney R-1 Box 140 St Charles VA 24282 540-383-4668	Mine: Type mine: Status: Tons-1996: Tons-1997:	UPPER MASON deep(TR) active 0	Employees: 0 Days worked: 0 Hours worked: 0 Tons/man/hour: na Wages: 0	County: Seam(s): Seam ht(s): Equipment:	LEB UPPER MASON na na DULCIMER LAND CO
Contact: Address: Town:	POWELL MOUNTAIN COAL Larry Mosley R-1 Box 140 St Charles VA 24282 540-383-4668	Mine: Type mine: Status: Tons-1996: Tons-1997:	WALLINS A deep(TR) active 745,775 680,237	Employees: 96 Days worked: 300 Hours worked: 210,795 Tons/man/hour: 3.2 Wages: 4,593,846	Seam(s): Seam ht(s): Equipment:	LBB WALLINS 38/48 ATRS/CM/RD/RTCHB DULCIMER LAND CO

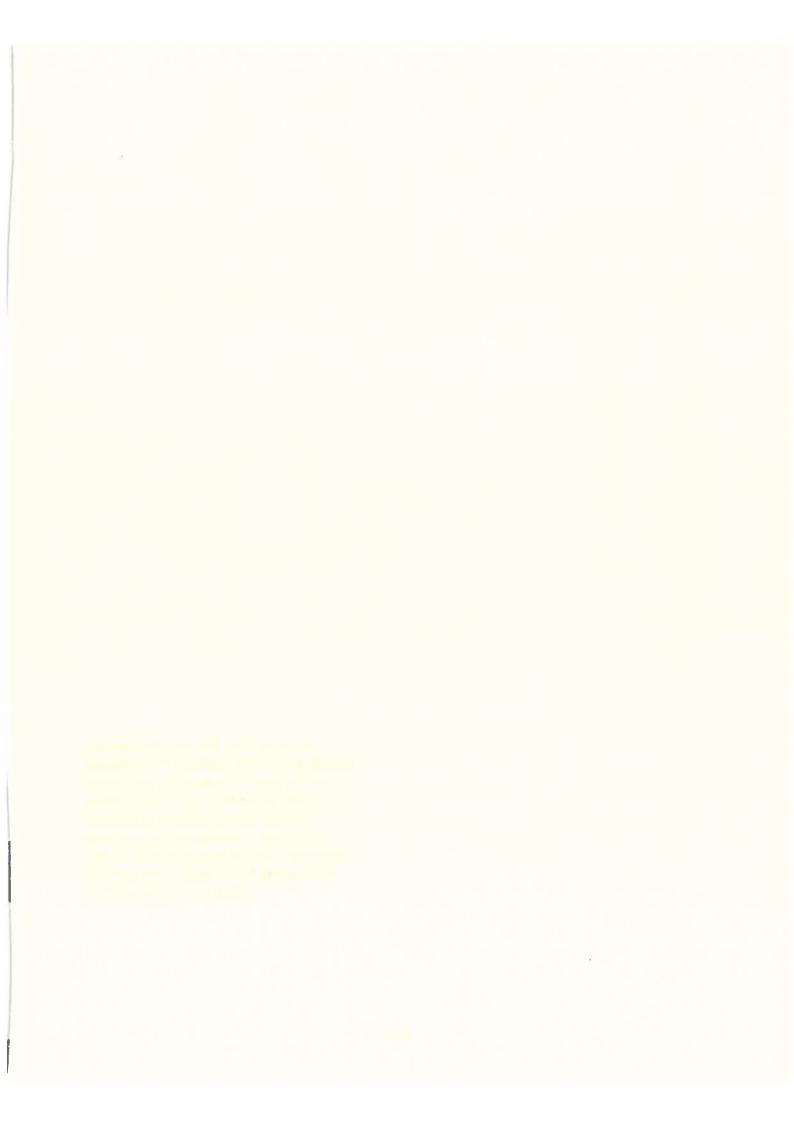
```
Company: RED BARON INC
                                Mine:
                                                     #1
                                                           Employees:
                                                                             10
                                                                                    County:
                                                                                                  BUCHANAN
                                                           Days worked: 261
 Contact: Jimmy D Dye
                                Type mine:
                                                deep (TR)
                                                                                    Seam(s):
                                                                                                  KENNEDY
 Address: Box 728
                                Status:
                                                           Hours worked: 20,880
Tons/man/hour: 3.6
                                                active
                                                                                    Seam ht(s):
                                                                                                  28
          Rosedale VA 24280
 Town ·
                                Tons-1996:
                                                  94,849
                                                                                                  ATRS/CM/RD/SC
                                                                                    Equipment:
 Phone:
          540-880-2375
                                Tons-1997:
                                                 75,671
                                                           Wages: 636,338
                                                                                    Coal owner(s): LEVISA COAL CORP
 Company: RED BARON INC
                                Mine:
                                                MINE #3
                                                           Employees:
                                                                                   County:
                                                                                                  BUCHANAN
 Contact: Jimmy D Dye
                                Type mine:
                                                deep (TR)
                                                           Days worked:
                                                                             261
                                                                                                  JAWBONE
                                                                                    Seam(s):
 Address: Box 728
                                Status:
                                                           Hours worked: 20,880
Tons/man/hour: 5.9
                                                 active
                                                                                   Seam ht(s):
                                                                                                  42
 Town:
          Rosedale VA 24280
                                Tons-1996:
                                                  49,155
                                                                                   Equipment:
                                                                                                  ATRS/CMA/RD/SC
 Phone:
          540-880-2375
                                Tons-1997:
                                                                    741,155
                                                 122,936
                                                           Wages:
                                                                                   Coal owner(s): JEWELL RIDGE COAL
 Company: REGENT ALLIED CARBON
                                Mine:
                                                           Employees:
                                                                                   County:
                                                                                                  WISE
 Contact: Ronald McClanahan
                                Type mine:
                                                deep (TR)
                                                           Days worked:
                                                                          280
                                                                                   Seam(s):
                                                                                                 TAGGART
 Address: Box 837
                                                           Hours worked: 84,233
Tons/man/hour: 3.1
                                Status:
                                                 active
                                                                                   Seam ht(s):
                                                                                                 48/96
 Town:
          Grundy VA 24614
                                Tons-1996:
                                                 217,956
                                                                                   Equipment:
                                                                                                 ATRS/CM/RD/SC
 Phone:
          540-935-7562
                                Tons-1997:
                                                257,724
                                                           Wages: 1,593,960
                                                                                   Coal owner(s): ERVIN STILTNER
 Company: RING COAL SALES INC
                             Mine:
                                                           Employees:
                                                                                                 WISE
                                                                                   County:
 Contact: Sam Ring
                                Type mine:
                                                           Days worked: 0
                                              surface(S)
                                                                                   Seam(s):
                                                                                                 na
 Address: Box 1389
                                Status:
                                             inactive
                                                           Hours worked:
                                                                             U
                                                                                   Seam ht(s):
                                                                                                 na
          Coeburn VA 24230
                                                           Tons/man/hour:
 Town .
                                Tons-1996:
                                                      0
                                                                                   Equipment:
                                                                             กล
                                                                                                 na
 Phone ·
         540-679-0510
                                Tons-1997:
                                                      0
                                                           Wages:
                                                                              0
                                                                                   Coal owner(s): WESTMORELAND COAL CO
 Company: ROARING FORK MINING INC Mine:
                                             HIGH SPLINT
                                                           Employees:
                                                                                                 WISE
                                                                                   County:
 Contact: Jerry Fraley
                                                           Days worked: 0
                               Type mine:
                                            surface(S)
                                                                                   Seam(s):
                                                                                                 na
Address: Box 720
                                              active
                                Status:
                                                           Hours worked: 0
                                                                                   Seam ht(s):
                                                                                                 na
Town:
         Big Stone Gap VA 24291 Tons-1996:
                                                 0
                                                           Tons/man/hour:
                                                                             na
                                                                                   Equipment:
                                                                                                 STRIP
Phone:
         540-523-5236
                                Tons-1997:
                                                           Wages:
                                                                              0
                                                                                   Coal owner(s): JERRY FRALEY
Company: SARGENT HOLLOW MINING Mine:
                                                MINE #1
                                                           Employees:
                                                                             55
                                                                                                 WISE
                                                                                   County:
                                                           Days worked: 22
Contact: Gail Kiser
                                Type mine:
                                                deep (TR)
                                                                                                 BLAIR
                                                                                   Seam(s):
Address: Box 2560
                                Status:
                                                inactive
                                                           Hours worked: 12,500
                                                                                   Seam ht(s):
                                                                                                 20
Town:
         Wise VA 24293
                                Tons-1996:
                                            342,678
                                                           Tons/man/hour: 2.9
                                                                                                 ATRS/CM/RD
                                                                                   Equipment:
Phone: 540-679-0804
                                                                    229,254
                               Tons-1997:
                                                 36,000
                                                           Wages:
                                                                                   Coal owner(s): PENN VIRGINIA
Company: SARGENT HOLLOW MINING Mine: LOWSPLINT MINE
                                                           Employees:
                                                                                   County:
                                                                              n
                                                                                                 WISE
Contact: Frank Bowman
                                                                            0
                                Type mine: deep(TR)
                                                           Days worked:
                                                                                   Seam(s):
                                                                                                 na
Address: Box 2560
                                Status:
                                               inactive
                                                           Hours worked: 1,899
                                                                                   Seam ht(s):
                                                                                                 na
Town:
         Wise VA 24293
                               Tons-1996:
                                            0
                                                           Tons/man/hour: 10.3
                                                                                   Equipment:
                                                                                                 na
Phone:
         540-679-0804
                               Tons-1997:
                                                19,558
                                                           Wages:
                                                                                   Coal owner(s): RICHARD GILLIAM
Company: SCATCAT COAL CO INC
                               Mine:
                                               MINE #2
                                                           Employees:
                                                                            15
                                                                                   County:
                                                                                                 BUCHANAN
                                                                         331
                                               deep(TR)
Contact: James Little
                                Type mine:
                                                           Days worked:
                                                                                   Seam(s):
                                                                                                 BLAIR
Address: HC 60 Box 26A
                               Status:
                                                 active
                                                          Hours worked: 28,959
                                                                                   Seam ht(s):
                                                                                                 3.0
         Hurley VA 24620
Town:
                               Tons-1996:
                                                 29,742
                                                           Tons/man/hour: 2.3
                                                                                   Equipment:
                                                                                                ATRS/CM/RD/SC
Phone:
         606-456-4110
                               Tons-1997:
                                                 66,473
                                                          Wages:
                                                                      430,525
                                                                                   Coal owner(s): RACE FORK COAL CORP
Company: SEA B MINING CO
                               Mine: BIG CR SEABOARD
                                                                                  County:
                                                          Employees:
                                                                              n
                                                                                                 TAZEWELL
                                                          Hours worked:

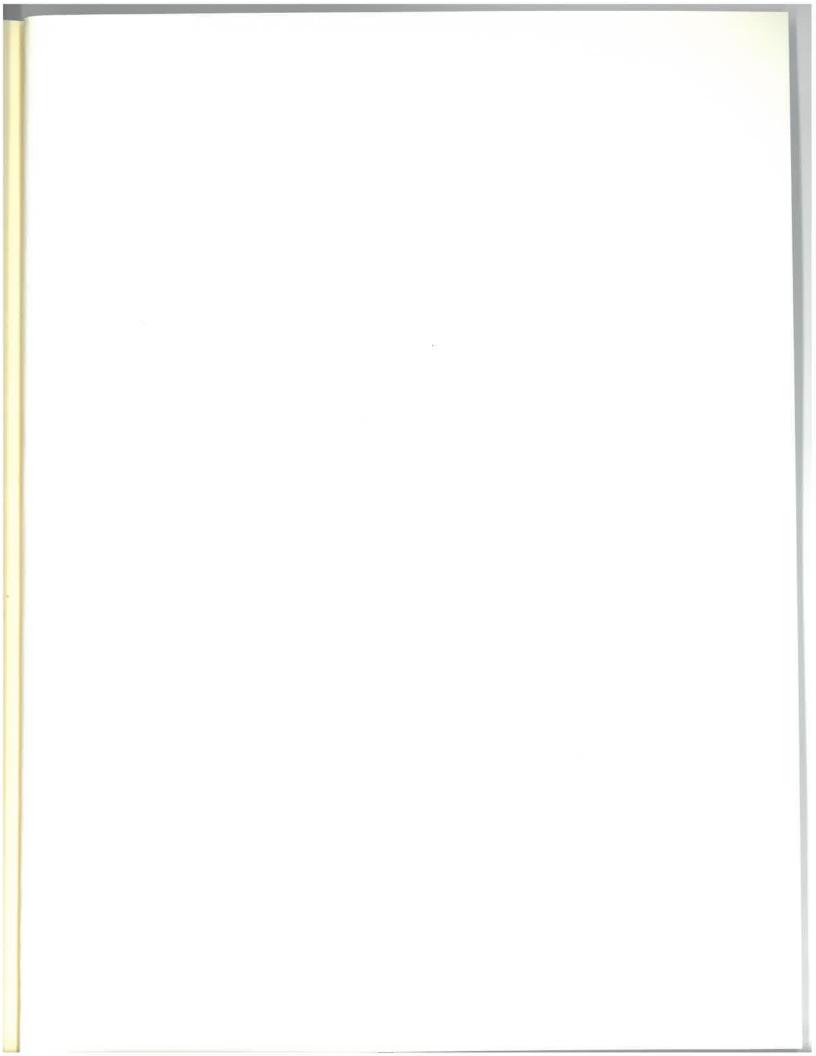
Tons/man/h
Contact: Bernard McGlothlin
                               Type mine: deep(TI)
                                                                                   Seam(s):
                                                                                                 na
Address: Box 26
                               Status:
                                               active
                                                                                   Seam ht(s):
                                                                                                 na
Town:
         Jewell Ridge VA 24622
                               Tons-1996:
                                                                            na
                                                                                  Equipment:
                                                                                                na
Phone:
       540-881-8421
                               Tons-1997:
                                                          Wages:
                                                                                   Coal owner(s): BIG CREEK RESOURCES
Company: SEA B MINING CO
                               Mine: BIG CR SEABOARD
                                                          Employees:
                                                                            56
                                                                                  County:
                                                                                                 TAZEWELL
                                                                       248
Contact: Nichael Wright
                               Type mine:
                                               deep(TI)
                                                          Days worked:
                                                                                  Seam(s):
                                                                                                LOWER BANNER
Address: Box 26
                                                          Hours worked: 105,551
Tons/man/hour: 2.4
                               Status:
                                                active
                                                                                  Seam ht(s):
                                                                                                na
Town:
        Jewell Ridge VA 24622
                               Tons-1996:
                                                349,574
                                                                                  Equipment:
                                                                                                na
Phone: 540-881-8421
                               Tons-1997:
                                                255,755
                                                          Wages: 2,339,946
                                                                                  Coal owner(s): CONSOLIDATION COAL CO
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Company:	SIGMON COAL CO INC	Mine:	SIGMON #1	Employees:	0	County:	LEE
Contact:	Bill Cline	Type mine:	deep(TR)	Days worked:	0	Seam(s):	HARLAN
	General Delivery	Status:	active	Hours worked:		Seam ht(s):	DG DAKUAN
Town:	Holmes Mill KY 40803	Tons-1996:	0				
Phone:	606-837-2840	Tons-1997:	-	Tons/man/hour:		Equipment:	na
rhone:	000-037-2040	10115-1997:	0	Wages:	0	Coal owner(s)	: BLACKWOOD LAND CO
Company:	SIGMON COAL CO INC	Mine:	SIGMON #3	Employees:	0	County:	LEE
	Bill Cline	Type mine:	deep(TR)				
	General Delivery		dech/IK)	Days worked:	0	Seam(s):	DARBY
		Status:	active	Hours worked:	0	Seam ht(s):	na
Town:	Holmes Mill KY 40803	Tons-1996:	0	Tons/man/hour:	: na	Equipment:	na
Phone:	606-837-2840	Tons-1997:	0	Wages:	0	Coal owner(s)	: BLACKWOOD LAND CO
Company:	SKYLINE ENTERPRISES	Mine:	Да	Town I among a		a	
	Charles D Litton		#2	Employees:	0	County:	WISE
		Type mine:	surface(A)	Days worked:	0	Seam(s):	HIGH SPLINT
	Box 186	Status:	active	Hours worked:	0	Seam ht(s):	30
Town:	Appalachia VA 24216	Tons-1996:	0	Tons/man/hour:	na	Equipment:	AUGER
Phone:	540-565-1359	Tons-1997:	Ö	Wages:	0		PENN VIRGINIA
		2000 2771.	. •	nages.	V	COUL OWHELLS!	. PENN VIRGINIA
Company:	SKYLINE ENTERPRISES	Mine:	#2 STRIP	Employees:	18	County:	WISE
Contact:	Charles D Litton	Type mine:	surface(S)	Days worked:	160	Seam(s):	HIGH SPLINT
Address:		Status:	active	Hours worked:		Seam ht(s):	45
Town:	Appalachia VA 24216	Tons-1996:					
Phone:	340-565-1359		188,040	Tons/man/hour:		Equipment:	STRIP
Phone:	240-202-1323	Tons-1997:	77,565	Wages:	480,870	Coal owner(s):	PENN VIRGINIA
Company:	SOLID MINING CO INC	Mine:	#1	Employees:	16	County:	BUCHANAN
Contact:		Type mine:	deep (TR)	Days worked:			
Address:		Status:			244	Seam(s):	HAGY
			active	Hours worked:		Seam ht(s):	36
Town:	Grundy VA 24614	Tons-1996:	70,702	Tons/man/hour:	2.1	Equipment:	CM/RD/RTCHB
Phone:	540-531-8910	Tons-1997:	65,819	Wages:	425,207	Coal owner(s):	RAPOCA ENERGY CO
Company:	SOLUS COAL INC	Mine:	SOLUS #1	Ban laws as	2.4	a	
				Employees:	34	County:	TAZEWELL
Contact:	Jack L Simmons	Type mine:	deep (TR)	Days worked:	247	Seam(s):	LOWER BANNER
Address:		Status:	active	Hours worked:	72,228	Seam ht(s):	42
Town:	Cedar Bluff VA 24609	Tons-1996:	346,656	Tons/man/hour:	3.2	Equipment:	ATRS/CM/RD/RTCHB
Phone:	540-963-2558	Tons-1997:	234,538	Wages: 1			CONSOLIDATION COAL (
		lest.					
Company:	SOUTHERN AUGER INC	Mine:	#4 AUGER	Employees:	4	County:	RUSSELL
Contact:		Type mine:	surface(A)	Days worked:	210	Seam(s):	LOWER BANNER
Address:	6600 Lillian Drive	Status:	inactive	Hours worked:	840	Seam ht(s):	31
Town:	Knoxville TENN 37920	Tons-1996:	6,396	Tons/man/hour:	5.0		
Phone:	615-762-7647	Tons-1997:				Equipment:	AUGER
rhone.	013-102-1041	10115-1337:	4,199	Wages:	6,720	Coal owner(s):	J R WILSON
Company:	SOUTHERN AUGER INC	Mine:	AUGER #5	Employees:	2	County:	DICKENSON
Contact:	Pranklin Hall	Type mine:	surface(A)	Days worked:	120		
Address:	6600 Lillian Drive					Seam(s):	na
Town:		Status:	active	Hours worked:	120	Seam ht(s):	na
	Knoxville TENN 37920	Tons-1996:	0	Tons/man/hour:	12.9	Equipment:	na
Phone:	615-762-7647	Tons-1997:	1,550	Wages:	0	Coal owner(s):	JAMES E WILSON
Company:	SOUTHERN AUGER INC	Mine:	#6	Pmpl oveces		Country	DIGUENCAN
Contact:	Jackie Brannon			Employees:	4	County:	DICKENSON
		Type mine:	surface(A)	Days worked:	84	Seam(s):	na
	6600 Lillian Drive	Status:	active	Hours worked:	8,044	Seam ht(s):	na
Town:	Knoxville TENN 37920	Tons-1996:	19,720	Tons/man/hour:	3.1	Equipment:	AUGER
Phone:	615-762-7647	Tons-1997:	24,601	Wages:	80,000		MOTIVATION COAL CO
Company	CONTROPORT MINING TWO	Wine .	8.0	7			
Company:	SOUTHFORK MINING INC	Mine:	#2	Employees:	11	County:	WISE
	Danny Justus	Type mine:	deep(TR)	Days worked:	9	Seam(s):	IMBODEN
Address:	Box 677	Status:	active	Hours worked:	546	Seam ht(s):	12/12
Town:	Phelps KY 41553	Tons-1996:	0	Tons/man/hour:	0.6	Equipment:	ATRS/CM/RD/SC
Phone:	606-456-3044	Tons-1997:	306	Wages:	12,520		
		2000 1331.	300	mayca.	14,520	Coal owner(s):	LYWING 1974

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Company: TDS COALS INC
                                  Mine:
                                                SHANNON #1
                                                              Employees:
                                                                                       County:
                                                                                                     LRR
 Contact: Ted Taylor
                                  Type mine:
                                                surface (A)
                                                              Days worked:
                                                                                60
                                                                                       Seam(s):
                                                                                                     na
 Address: Box 97
                                  Status:
                                                    active
                                                              Hours worked:
                                                                              1,920
                                                                                       Seam ht(s):
                                                                                                     na
 Town:
          Hulen KY 40845
                                  Tons-1996:
                                                       0
                                                             Tons/man/hour:
                                                                              1.1
                                                                                       Equipment:
                                                                                                     na
 Phone:
          606-337-3283
                                  Tons-1997:
                                                     2,064
                                                             Wages:
                                                                                0
                                                                                       Coal owner(s): na
 Company: TEDDY BEAR COAL CO INC Mine:
                                                       #2
                                                             Employees:
                                                                                      County:
                                                                                                     RUSSELL
                                                  deep (TR)
 Contact: Joe Spurrier
                                  Type mine:
                                                             Days worked:
                                                                                      Seam(s):
                                                                                                     UPPER BANNER
                                                                                38
 Address. Box 584
                                 Status:
                                                   active
                                                             Hours worked:
                                                                              3,443
                                                                                      Seam ht(s):
                                                                                                     48
          N Tazewell VA 24630
 Town:
                                 Tons-1996:
                                                    34,984
                                                             Tons/man/hour:
                                                                              1.2
                                                                                       Equipment:
                                                                                                     ATRS/CM/CD/RD/SC
 Phone:
          540-988-3622
                                 Tons-1997:
                                                    3,994
                                                                             53,841
                                                             Wages:
                                                                                      Coal owner(s): JOE SPURRIER
 Company: TERRI LYNN COAL CO
                                 Mine:
                                                             Employees:
                                                                                10
                                                                                      County:
                                                                                                     BUCHANAN
 Contact: Donald Shelton
                                 Type mine:
                                                  deep (TR)
                                                             Days worked:
                                                                                0
                                                                                      Seam(s):
                                                                                                     RAGLE
 Address: Box 703
                                 Status:
                                                             Hours worked:
                                                   active
                                                                              8,752
                                                                                      Seam ht(s):
                                                                                                     па
 Town .
          Oakwood VA 24631
                                 Tons-1996:
                                                      0
                                                             Tons/man/hour:
                                                                             0.8
                                                                                      Equipment:
                                                                                                     na
 Phone:
          540-498-3783
                                 Tons-1997:
                                                    6,859
                                                             Wages:
                                                                                      Coal owner(s): WELLMORE COAL CORP
                                                                              8,751
 Company: TERRI LYNN COAL CO INC Mine:
                                                             Employees:
                                                                                      County:
                                                                                                    TAZRWRLL
 Contact: Donald Shelton
                                 Type mine:
                                                  deep (TR)
                                                                                59
                                                             Days worked:
                                                                                      Seam(s):
                                                                                                    RAVEN
 Address: Box 703
                                 Status:
                                                   active
                                                             Hours worked:
                                                                             3,293
                                                                                      Seam ht(s):
                                                                                                     28
Town:
          Oakwood VA 24631
                                 Tons-1996:
                                                    39,558
                                                             Tons/man/hour:
                                                                               2.9
                                                                                      Equipment:
                                                                                                    ATRS/CM/RD/SC
 Phone:
          540-498-3783
                                 Tons-1997:
                                                    9,704
                                                             Wages:
                                                                             51,429
                                                                                      Coal owner(s): UNITED COAL CO
                                 Mine: HOKIE MINING #3
Company: THE BANNER CO
                                                             Employees:
                                                                                 0
                                                                                                    DICKENSON
                                                                                      County:
Contact: Loran Looney
                                 Type mine:
                                               surface(A)
                                                             Days worked:
                                                                                      Seam(s):
                                                                                                    na
Address:
          2676 Lee Highway
                                 Status:
                                                inactive
                                                             Hours worked:
                                                                                 Ð
                                                                                      Seam ht(s):
Town:
          Bristol VA 24203
                                 Tons-1996:
                                                      205
                                                             Tons/man/hour:
                                                                                      Equipment:
                                                                                na
                                                                                                    na
Phone -
          540-669-8108
                                 Tons-1997:
                                                       0
                                                                          0
                                                             Wages:
                                                                                      Coal owner(s): RAPOCA ENERGY CO
Company: THE BANNER CO
                                 Mine: HOKIE MINING #3
                                                             Employees:
                                                                                - 5
                                                                                                    DICKENSON
                                                                                      County:
Contact: Loran Looney
                                 Type mine:
                                               surface(S)
                                                             Days worked:
                                                                             147
                                                                                      Seam(s):
                                                                                                    UPPER BANNER
Address: 2676 Lee Highway
                                 Status:
                                                 inactive
                                                             Hours worked:
                                                                             7,507
                                                                                      Seam ht(s):
                                                                                                    72
Town:
          Bristol VA 24203
                                 Tons-1996:
                                                   36,094
                                                             Tons/man/hour:
                                                                                                    STRIP
                                                                             3.8
                                                                                      Equipment:
Phone:
         540-669-8108
                                 Tons-1997:
                                                   28,757
                                                             Wages:
                                                                            73,949
                                                                                      Coal owner(s): RAPOCA ENERGY CO
Company: THE BANNER CO
                                 Mine: HOKIE MINING #4
                                                             Employees:
                                                                                      County:
                                                                                                    DICKENSON
Contact: Loran Looney
                                 Type mine: surface(S)
                                                            Days worked:
                                                                               79
                                                                                                    SPLASEDAM
                                                                                      Seam(s):
Address: 2676 Lee Highway
                                               active
                                 Status:
                                                             Hours worked:
                                                                             3,754
                                                                                      Seam ht(s):
                                                                                                    48/60
Town:
         Bristol VA 24203
                                 Tons-1996:
                                                      0
                                                            Tons/man/hour:
                                                                             3.5
                                                                                      Equipment:
                                                                                                    STRIP
Phone:
         540-669-8108
                                 Tons-1997:
                                                   13,255
                                                            Wages:
                                                                            38,534
                                                                                      Coal owner(s): RAPOCA ENERGY CO
Company: THE BANNER CO
                                Mine: HOKIE MINING #4
                                                            Employees:
                                                                                      County:
                                                                                                    DICKENSON
Contact: Loran Looney
                                 Type mine: surface(A)
                                                            Days worked:
                                                                                 8
                                                                                      Seam(s):
                                                                                                    SPLASHDAM
Address: 2676 Lee Highway
                                 Status:
                                                   active
                                                            Hours worked:
                                                                               363
                                                                                      Seam ht(s):
                                                                                                    na
Town:
         Bristol VA 24203
                                 Tons-1996:
                                                      0
                                                            Tons/man/hour:
                                                                              3.0
                                                                                      Equipment:
                                                                                                    na
Phone:
         540-669-8108
                                 Tons-1997:
                                                    1,096
                                                                             3,728
                                                            Wages:
                                                                                      Coal owner(s): RAPOCA ENERGY CO
Company: THE BLACK DIAMOND CO
                                               FACE-UP #3
                                 Mine:
                                                                                      County:
                                                            Employees:
                                                                                4
                                                                                                    BUCHANAN
Contact: Merle Puckett
                                Type mine:
                                                deep(TR)
                                                            Days worked:
                                                                                 0
                                                                                      Seam(s):
                                                                                                    na
Address: 2676 Lee Highway
                                 Status:
                                                 inactive
                                                            Hours worked:
                                                                               210
                                                                                      Seam ht(s):
                                                                                                    na
Town:
         Bristol VA 24203
                                Tons-1996:
                                                            Tons/man/hour:
                                                                               na
                                                                                      Equipment:
                                                                                                    na
Phone:
         540-669-8108
                                Tons-1997:
                                                                                      Coal owner(s): RAPOCA ENERGY CO
                                                            Wages:
                                                                           10,874
                                Mine:
Company: THERMAL COAL CO
                                            DEIRTH HOLLOW
                                                            Employees:
                                                                                Λ
                                                                                     County:
                                                                                                    LRE
Contact: Michael Clark
                                Type mine:
                                                 deep(TR)
                                                            Days worked:
                                                                               0
                                                                                     Seam(s):
                                                                                                    na
Address: 2537 Fourth Ave E
                                Status:
                                                  active
                                                            Hours worked:
                                                                                0
                                                                                     Seam ht(s):
                                                                                                    na
Town:
        Big Stone Gap VA 24291 Tons-1996:
                                                   0
                                                            Tons/man/hour:
                                                                                na
                                                                                     Equipment:
                                                                                                   na
Phone:
        540-523-4932
                                Tons-1997:
                                                            Wages:
                                                                               0
                                                                                     Coal owner(s): DULCIMER LAND CO
```

Company: Contact: Address: Town: Phone:		Mine: Type mine: Status: Tons-1996: Tons-1997:	MINE #1 deep(TR) active 0 2,655	Rmployees: Days worked: Hours worked: Tons/man/hour: Wages:	240 2,988 0.9 26,466	County: Seam(s): Seam ht(s): Bquipment: Coal owner(s):	BUCHANAN HAGY 28 na RACE FORK COAL CORP
Contact:		Mine: Type mine: Status: Tons-1996: Tons-1997:	#2 surface(S) active 289,463 100,374	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	272 28,602 3.5 520,241	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN CLINTWOOD 58 STRIP BUCHANAN ENERGY CO
Contact:	WARREN COAL CO INC James W Estep Box 1025 Grundy VA 24614 540-935-2231	Mine: Type mine: Status: Tons-1996: Tons-1997:	deep(TR) inactive 47,902 6,852	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	13 24 3,682 1.9 52,659	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	TAZEWELL TILLER 60 ATRS/CM/RD/SC WELLMORE COAL CORP
	WCA INC David A Betscher 3371 Mill Street Northbend OH 45052 513-353-2436	Mine: Type mine: Status: Tons-1996: Tons-1997:	PARDEE #1 surface(A) active 34,442 36,274	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	3 131 16,249 2.2 29,135	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	WISE LOWER BANNER na AUGER ARKLAND CO
Company: Contact: Address: Town: Phone:	WCA INC David A Betscher 3371 Mill Street Northbend OH 45052 513-353-2436	Mine: Type mine: Status: Tons-1996: Tons-1997:	PARDEE # 1A surface(A) active 4,318 31,877	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	206 3,858 8.3 40,082	County: Seam(s): Seam ht(s): Rquipment: Coal owner(s):	WISE WAX 24 AUGER ARKLAND CO
Company: Contact: Address: Town: Phone:	WELLMORE COAL CORP Dale Hess Box 1116 Grundy VA 24614 540-935-3358	Mine: Type mine: Status: Tons-1996: Tons-1997:	INDUSTRIAL #2 deep(TR) active 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Bquipment: Coal owner(s):	BUCHANAN na na na na na na na na na JAMES MCGLOTHLIN
Company: Contact: Address: Town: Phone:		Mine: OI Type mine: Status: Tons-1996: Tons-1997:	D DOMINION #4 deep(TR) active 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na JAMES MCGLOTHLIN
	WELLMORE COAL CORP Dale Hess Box 1116 Grundy VA 24614 540-935-3358	Mine: Type mine: Status: Tons-1996: Tons-1997:	TRIPLE B #8 deep(TR) active 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	BUCHANAN na na na JAMES MCGLOTHLIN
	WELLMORE COAL CORP Dale Hess Box 1116 Grundy VA 24614 540-935-3358	Mine: Type mine: Status: Tons-1996: Tons-1997:	UF-5 deep(TR) inactive 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	0 0 0 na 0	County: Seam(s): Seam ht(s): Bquipment: Coal owner(s):	BUCHANAN na na na wellmore coal corp
Contact:	WESTMORELAND COAL CO Jerry A Light Drawer A & B Big Stone Gap VA 24291 540-523-9440	Type mine: Status:	ULLITT (BAST) deep(TR) active 0 0	Employees: Days worked: Hours worked: Tons/man/hour: Wages:	6 120 4,421 na 83,594	County: Seam(s): Seam ht(s): Equipment: Coal owner(s):	WISE DORCHESTER na na PENN VIRGINIA





1998 VIRGINIA COAL CONTAINS:

- RESOURCES
- **PRODUCTION**
 - **TOP MINES**
 - **♦ RAILROADS**
 - **♦ SHIPMENTS**
 - **♦ EQUIPMENT**
- ♦ EMPLOYMENT
- **PRODUCTIVITY**
- **♦ COAL OWNERSHIP**
 - **♦ LONGWALLS**
- **♦ COALBED METHANE**
- **DISTRIBUTION OUTLETS**
 - **♦ COAL SEAMS**
- ♦ HAMPTON ROADS TERMINALS
 - **EXPORT DATA**
- UNDERGROUND DIESEL POWER
 - **♦ MINE DIRECTORY**

VIRGINIA COAL

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