

**TABLE 33
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY**

ALLEGHENY COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
ACV Power Corp.	02920201	Russellton Site	Bituminous								0
	02930201	Russellton	Bituminous	480							0
	02940201	Wildwood Site	Bituminous	480							0
	02960902	Red Hot Operation	Bituminous	230							0
Amerikohl Mining, Inc.	02980101	Cindrich Mine	Pittsburgh	70							54,386
	02773005	Deroy Strip	Pittsburgh	70							597,505
										Total	651,891
Gary Gioia Coal Co.	02950101	Jones Strip	Pittsburgh	72							0
			Redstone	24-36							
Robinson Coal Co.	02960101	Semerod II Mine	Pittsburgh	72							30,060
	02970101	Semerod III Strip	Pittsburgh	72							0
	02950102	Semerod Sub-F	Pittsburgh	72							0
										Total	30,060
USA South Hills Landfill, Inc.	02900102	USA South Hills Landfill	Pittsburgh	96							0
			Redstone	36							0
										COUNTY TOTAL	681,951

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

ARMSTRONG COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
Allegheny Mineral Corp.	03840105	Graff Mine	Clarion #1	28							1,001,936	
			Lower Kittanning	40								
			Middle Kittanning	28								
Amerikohl Mining, Inc.	03960105	Huskins Run Mine	Upper Kittanning	27							1,519,673	
			Upper Freeport	48								
B & B Coal Mining, Inc.	03930105	Zucco *770	Bituminous								0	
	03940102	Hedrick Subf	Bituminous								0	
Canterbury Coal Co.	03940111	Wilson Strip Mine	Upper Freeport	120							0	
Dutch Run Coal, Inc.	03960108	Kimmel Mine	Upper Freeport	32							67,134	
	03980103	Kimmel 2 Mine	Upper Freeport								0	
									Total		67,134	
GLR Mining, Inc.	03970106	Nelson Mine	Upper Freeport	30							0	
Houser, Earl O.	03663009	Mine No. 1	Upper Kittanning	18							0	
Marquise Mining Corporation	03970103	Wheatley Mine	Redstone	32							967,539	
MB Energy, Inc.	03880122	Sagamore Mine	Upper Freeport	30							0	
McKay Coal Co., Inc.	03880110	White Mine	Upper Freeport	36							195,363	
	03960103	Kesco Mine	Upper Freeport								15,981	
									Total		211,344	
Mears Enterprises, Inc.	03930108	Echo 2 Mine	Middle Kittanning	30							82,992	
Reichard Contracting, Inc.	03960106	Alcorn Mine	Upper Freeport	58							0	
Rosebud Mining Co.	03950110	Mahoning 1 Mine	Upper Freeport	38							58,297	
	03890116	Forrest	Lower Freeport	40							131,681	
	03950107	South Bend 2 Mine	Upper Freeport	28							0	
									Total		189,978	

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

ARMSTRONG COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Seven Sisters Mining Co., Inc.	03970107	Rupert Mine	Bituminous								0
	03970102	Muffley Mine	Upper Freeport	38							0
State Industries, Inc.	03840106	Zellefrow Mine	Lower Freeport	36							449,366
			Middle Kittanning	24							
			Upper Freeport	39							
			Upper Kittanning	24							
	03950104	Crissman Mine	Upper Freeport								346,131
			Upper Kittanning								
										Total	794,497
Stitt Coal Co., Inc.	03910108	Stitt Mine	Upper Freeport	44							83,924
TC Mining	03960101	Gillis Mine	Upper Kittanning	20							21,173
TDK Coal Sales, Inc.	03950106	Kaylor 1 Sub F	Upper Freeport	36							66,363
Thomas J. Smith, Inc.	03960104	Smith #17 Mine	Upper Kittanning	20							312,040
			Upper Freeport	36							
			Lower Freeport	22							
	03950114	Smith 12 Mine	Upper Freeport	36							306,899
			Mahoning	28							
			Upper Kittanning	20							
	03970101	Smith #14 Mine	Upper Freeport	44							772,298
	03910101	Mateer Mine	Upper Freeport	38							4,492
	03950108	Wallenbaugh Mine	Upper Freeport	36							72,459
	03960107	Smith 16 Mine	Upper Freeport	42							11,331
			Mahoning	30							
	03940113	Trulick Mine	Upper Kittanning	60							18,546
										Total	1,498,065
Walter L. Houser Coal Co., Inc.	03940114	Smith Site	Lower Freeport	32							105,033
	03950109	Reeseman Mine	Upper Freeport	25							16,696
										Total	121,729
										COUNTY TOTAL	6,627,347

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

BEAVER COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
Kerry Coal Co.	04890101	Goldman	Lower Kittanning	25							0	
			Upper Kittanning	25								
			Middle Kittanning	25								
	04950101	Huston Mine	Lower Freeport	24							0	
	04960101	Nixon III Mine	Lower Freeport	25							177,573	
			Upper Freeport	25								
	04970101	Marshall Mine	Lower Freeport	25							0	
			Upper Freeport	25								
	04940102	Hays Mine	Lower Freeport	30							0	
			Upper Freeport	30								
	04840101	Shaddick Mine	Lower Kittanning	26							0	
										Total	177,573	
										COUNTY TOTAL	177,573	

BLAIR COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Cooney Brothers Coal Co.	07890101	Horseshoe III	Middle Kittanning	26							40,000
			Lower Kittanning	26							
	07850103	Horseshoe II	Middle Kittanning	26							30,000
			Lower Kittanning	26							
										Total	70,000
										COUNTY TOTAL	70,000

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

BUTLER COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Amerikohl Mining, Inc.	10970103	Pennington Mine	Upper Freeport	18							141,232
	10920107	Stephenson Operation	Middle Kittanning	28							186,806
										Total	328,038
Aspen Minerals, Inc.	10970102	Hays Mine	Lower Freeport	24							6,742
Ben Hal Mining Co.	10970104	Fehl Mine	Middle Kittanning	32							355,000
Big B Mining Co.	10910107	Isacco Mine #638	Upper Freeport	18							124,907
BMB Management, Inc.	10940101	Darkowski Mine	Middle Kittanning	24							0
JMW Enterprises, Inc.	10930111	Mine #1	Middle Kittanning	42							0
Quality Aggregates, Inc.	10820139	Quality Aggregates 2 Mine	Middle Kittanning	36							14,520
Rosebud Mining Co.	10900109	Mccollough Mine	Upper Freeport	42							99,363
Siegel, Thomas E.	10840111	Reed Mine	Lower Clarysville	36							
			Limestone								
			Middle Kittanning	26							
			Upper Clarysville	17							
State Industries, Inc.	10920112	Rodis-Dayen Mine	Upper Freeport	40							1,573,186
										COUNTY TOTAL	2,563,842

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CAMBRIA COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Clearfield Properties, Inc.	17-93-01	Benjamin No. 6 Site	Bituminous								0
Cloe Mining Co., Inc.	11900106	Reed Mine	Lower Freeport	42							83,665
	11960101	Lewis No. 1	Middle Kittanning	32							147,184
			Upper Kittanning	20							
										Total	230,849
Cooney Brothers Coal Co.	56743138	Pot Ridge Strip Lasky	Bituminous	36							420,000
	11850102	Buckhorn Mine	Middle Kittanning	26							125,000
			Lower Kittanning	26							
	11860107	Mack Poole	Upper Freeport	36							45,000
	11900101	Cooney Bros. Coal Co.	Bituminous	36							70,000
	11860104	Bethlehem Strip	Bituminous	42							120,000
	11823003	Burkett #2	Bituminous	42							70,000
	11813040	Dunlo No. 1	Bituminous	28							55,000
	11773037	Caroff Strip	Bituminous	36							75,000
	11803038	Pot Ridge No. 2	Lower Kittanning								0
			Mercer								
			Clarion #1								
			Clarion #2								
	11673041	Feller No. 4 Strip	Bituminous	48							0
	11803024	Traficante	Clarion #1								0
			Clarion #2								
			Lower Kittanning								
			Mercer								
			Upper Kittanning								
	11813015	Horseshoe	Bituminous	26							20,000
			Lower Kittanning	26							
			Middle Kittanning	26							
	11813039	Feller No. 2 Strip	Bituminous	24							4,000
										Total	1,004,000

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CAMBRIA COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft		Slope					
					Depth	Length	Degrees					
Dunamis Resources, Inc.	11960102	South Fork Strip	Upper Kittanning	34							102,057	
			Upper Freeport	31								
			Lower Freeport	33								
Ebensburg Power Co.	11880201	Revlac Refuse Site	Lower Kittanning								0	
EP Bender Coal Co., Inc.	11960105	63 Job Flinton	Lower Freeport	30							2,472	
			Upper Freeport	24								
	11970101	72 Job - Fulkerson	Upper Kittanning	21							976	
			Upper Freeport	36								
			Middle Kittanning	20								
			Lower Kittanning	72								
			Lower Freeport	40								
	11930102	54 Job SGL 184	Clarion #1	30							870,305	
			Lower Kittanning	36								
			Middle Kittanning	20								
	11940102	71 Job	Lower Kittanning	72							11,221	
			Lower Freeport	40								
			Middle Kittanning	20								
			Upper Freeport	36								
			Upper Kittanning	21								
K & J Coal Co., Inc.	17950110	Crooked Run Mine	Upper Kittanning	18							Total	884,974
			Upper Freeport	18								702,853
			Lower Freeport	30								
	11693000	Westover	Upper Kittanning	40							296,161	
	11960103	Bear 1 Operation	Upper Kittanning	57							165,751	
	17980111	Dry Rock Run III	Upper Freeport	21							197,599	
											Total	1,362,364

**TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY**

CAMBRIA COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
L & J Energy Co., Inc.	11960104	Garmantown No. 6 Mine	Lower Freeport	48							130,554	
			Middle Kittanning	26								
			Upper Kittanning	32								
Laurel Land Development, Inc.	11950102	#888	Middle Kittanning	36							771,474	
			Lower Kittanning	54								
Maple Coal Co.	11900201	Colver Site	Bituminous								0	
MB Energy, Inc.	11960106	Laurel Hill No. 2 Mine	Lower Freeport	35							469,620	
			Upper Freeport	34								
	11940103	MB Energy, Inc.	Lower Freeport	31							4,379	
	11970104	SGL No. 79 Mine	Lower Freeport	36							1,197,382	
									Total		1,671,381	
Paul F. Becker Coal Co.	11960109	Bender	Bituminous	48-60							0	
Ridge Energy Co.	11980201	Wesott Pile	Bituminous								0	
RJC Kohl, Inc.	11950103	No. 2 Mine	Upper Freeport	40							427,146	
			Lower Freeport	48								
RNS Services, Inc.	11890701	Lancashire #15	Bituminous								0	
	11-96-01	No. 20 Refuse Site	Bituminous								0	
	11-94-01	25 Flats	Bituminous								0	
Sky Haven Coal, Inc.	11940106	Sky Haven Coal, Inc.	Upper Freeport	28							122,166	
TJ Mining, Inc.	11920103	TJ No. 3	Lower Freeport	36							121,721	
	11960107	TJ No. 5	Upper Freeport	60							0	
										COUNTY TOTAL	6,828,686	

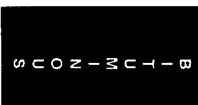


TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CENTRE COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
Al Hamilton Contracting Co.	14820103	Mountain Top	Upper Kittanning	8-13							1,572,362	
			Middle Kittanning	20-24								
Bern Coal, Inc.	14960101	Morgan	M. Kittanning Rider	8-12							190,903	
			U Kittanning Rider	12								
Power Operating Co., Inc.	14663004	Dugan	Middle Kittanning	30							38,675	
			Upper Kittanning	30								
			Lower Freeport	48								
	14940101	Beaver	Middle Kittanning	26							3,952,276	
			Lower Kittanning	48								
			Upper Kittanning	30								
											Total	3,990,951
											COUNTY TOTAL	5,754,216

**TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY**

CLARION COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
C & K Coal Co.	16703006	Mine No. 75	Middle Kittanning	21							5,483,190
			Lower Kittanning	25							0
	16890102	Mine No. 213	Bituminous								1,311,620
	16940103	RFI 208 Mine	Lower Kittanning	28							
			Middle Kittanning	9							
										Total	6,794,810
Doverspike Brothers Coal Co.	16950108	Shannondale Mine	Upper Kittanning	22							326,301
	16980107	Lawsonham 1 Mine	Lower Freeport	22							186,794
			Middle Kittanning	24							
			Upper Kittanning	15							
										Total	513,095
MAF Coal & Excavation, Inc.	16900109	Dolby Mine	Clarion #1	18							0
Milestone Crushed, Inc.	16970106	Eagleson II Mine	Limestone								245,863
MSM Coal Co., Inc.	16970104	Servey Mine	Middle Kittanning	15							0
	16980106	Yeany Mine	Upper Freeport	72							0
Original Fuels, Inc.	16970103	Mays Mine	Middle Kittanning	18							0
	16940105	Bowser Mine	Bituminous	40							3,857
	16950101	Smith Mine	Middle Kittanning	18							0
TDK Coal Sales, Inc.	16910104	Sandy Hollow Mine	Upper Freeport	31							429,520
										COUNTY TOTAL	7,987,146

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft		Slope				
					Depth	Length	Degrees				
Al Hamilton Contracting Co.	17863037	Al Hamilton Contr. Co.	Lower Freeport	36							583,721
			Upper Freeport	20							
			Upper Kittanning	23							
17820108	Amesville #2	Upper Kittanning	18-18-20								0
		Lower Kittanning	16-18-20								
17890115	Kauffman Mine	Lower Kittanning	8-20								1,111,047
17910103		Upper Freeport	18-26								1,308,495
17930117	Surveyor Run 1	Lower Freeport	24-28								1,508,276
		Upper Kittanning	24-28								
17930124	Erickson	Lower Freeport	42-48								681,492
		Middle Kittanning	30								
		Upper Freeport	20-22								
		Upper Kittanning	24-28								
17940104	Swan Mine	Lower Freeport	22							1,767,274	
17940116	Poplar Run	Middle Kittanning	27								43,728
		Upper Freeport	24								
		Upper Kittanning	27								
		Lower Freeport	24								
17970107	Kauffman North Mine	Lower Kittanning	8-20							3,730,177	
		Total									10,714,210
BBC Coal Co., Inc.	17960103	Hudson White	Lower Kittanning	28							0
Beth Contracting, Inc.	17910129	Cambria No. 55	Mahoning	36							263,494
			Upper Freeport								
17860140	Mullen	Upper Freeport	24								0
		Mahoning	24								
Bowman, W. C.	17703032	Donley	Bituminous								0
Cloe Mining Co., Inc.	17960106	Olson	Upper Kittanning	18							28,970
Doverspike Brothers Coal Co.	17900116	Wilson	Lower Freeport	48							133,121
			Upper Kittanning	20							

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Ecklund Coal Co., Inc.	17970103	Ferlitch	Lower Kittanning	28							94,091
	17910131		Upper Kittanning	28							210,401
										Total	304,492
Ed Hanstovan Coal Co., Inc.	17940124	Sanderson	Upper Kittanning	20							0
EM Brown, Inc.	17950117	Lantz	Lower Freeport	24							0
			Upper Freeport	26							
	17970104	Kendrick	Upper Kittanning	26							0
Enercorp, Inc.	17663136	McGovern	Lower Kittanning	48							96,576
	17970102	Forcey	Lower Kittanning	48							186,782
	17930125	Pauliny	Middle Kittanning	48							1,095
										Total	284,453
EP Bender Coal Co., Inc.	17940113	465 Job	Lower Freeport	30							343,421
			Mahoning	30							
			Upper Freeport	24							
	17940109	53 job Nevling	Upper Freeport	24							564,892
			Lower Freeport	30							
	17960119	61 Job	Lower Freeport	36							1,195
	17880123	Mine #56	Middle Kittanning	26							532,481
			Lower Kittanning	30							
	17960111	66 Job Cofinan E.	Upper Freeport	20							366,304
			Mahoning	15							
										Total	1,808,293
Evans, Larry W.	17840141	S & D Mine	Lower Freeport	18							0
			Upper Freeport	18							
Falls Creek Energy Co., Inc.	17900111	Troutville 2	Mahoning								24,200

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
Floyd Mottern Coal, Inc.	17930109	Penfield	Bituminous	36							0	
Forcey Coal, Inc.	17920114	Nevling 2	Upper Kittanning	24							356,619	
			Lower Freeport	40								
	17970106	Miller	Upper Kittanning	36							175,649	
	17960110	#64 Job	Lower Freeport	24							72,712	
										Total	604,980	
Hepburnia Coal Co.	17930112	Johnston	Lower Freeport	32							112,621	
			Upper Freeport	48								
	17900104	Bean-Mills	Lower Freeport	28							367,703	
			Upper Freeport	23								
	17860123	Henderson	Upper Freeport	24							1,823,187	
			Lower Freeport	24								
	17940122	Barrett #2	Upper Freeport								481,262	
			Lower Freeport									
	17950105	Riddle Mine	Lower Freeport	36							329,781	
										Total	3,114,554	
Jerry C. Bowman Coal Co.	17930127	Diane #1	Bituminous	20							0	
Johnson Brothers Coal Co.	17860133	McMurray	Upper Kittanning	28							1,319	
			Lower Freeport	38								
Jr. Coal Contracting, Inc.	17930103	Little Beaver	Upper Freeport	18							301,570	
			Lower Freeport	18								
			Middle Freeport	48								
	17920119	McAninch	Lower Kittanning	26-28							112,632	
			17820151	Hoover	Lower Freeport	4-6						0
			Upper Kittanning	28-32								
			Upper Freeport	12-18								
										Total	414,202	

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)		
					Shaft	Slope							
						Depth	Length					Degrees	
K & J Coal Co., Inc.	17850110	Brink-Scollon Strip	Lower Freeport	72							133,933		
	17930115	Beaver #1	Lower Freeport	72							2,190,742		
			Mahoning	25								24,766	
	17960121	Beaver #2	Lower Freeport	72							Total	2,349,441	
												29,841	
Kasubick Brothers Coal Co.	17820129	Kasubick #4	Bituminous	19									
												34,788	
King Coal Sales, Inc.	17880109	Drane #4	Middle Kittanning	22-26									
			Upper Kittanning	22-26								0	
Kitko, Fred	17910127	Kitko #1	Mahoning	24								512,409	
Larry D. Baumgardner Coal Co., Inc.	17940120	Kyle	Middle Kittanning	14									
			Split Seam	6									
				20								253,536	
Larson Enterprises, Inc.	17820181	Mt. View	Bituminous	14, 4, 13								177,671	
	17930110	Womer	Bituminous	16, 4, 11								419,951	
	17950115	Swamp Poodle	Bituminous	28,14,14,12								Total	851,158
												0	
MB Energy, Inc.	17840132	Kewanee	Upper Kittanning	22									
			Lower Freeport	25								508,940	
	17850120	Black Hills	Upper Kittanning	23								0	
			Lower Freeport	26									
	17860146	MB Energy, Inc.	Upper Kittanning	24									
			Mahoning	10									
			Lower Freeport	36									
	17900115	Brink-Scollon #3	Lower Freeport	36								3,401,045	
			Mahoning	10									
			Upper Kittanning	24									
	17940110	Three Forks Mine	Lower Freeport	22-24								549,232	
	17970108	Black Hills No. 2	Upper Freeport	27								552,561	
			Lower Freeport	22									

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
MB Energy, Inc. (Continued)			Upper Kittanning	24							
	17970109	Brink Scollon No. 5 Mine	Upper Kittanning	24							
			Mahoning	10							0
			Lower Freeport	36							
Moravian Run Reclamation Co., Inc.	17950119	Douglas	Upper Freeport	20						Total	5,011,778
			Lower Freeport	20							879,478
	17910113	Wall Farm	Upper Freeport	22							266,233
			Lower Freeport	26							
	17980902	Watson	Lower Freeport	40							0
MR Hainsey Contracting Co.	17960102	Sawmill	Lower Kittanning	20						Total	1,145,711
			Middle Kittanning	18							39,310
			Upper Kittanning	18-20							
Northern Counties Coal Co., Inc.	17910138	McCoy	Mahoning	24							0
			Upper Freeport	24							
Penn Grampian Coal Co.	17960125	Oshall #1	Upper Kittanning	16							
Power Operating Co., Inc.	17673057	Rosemary	Upper Kittanning	34							108,148
			Clarion #1	53							761,737
			Lower Freeport	40							
			Middle Kittanning	32							
RB Contracting	17980901	Sawmill	Upper Freeport	50							
			Upper Freeport	20							
			Lower Freeport	20							0
	17960109	Buck Run 1	Lower Freeport	24							
River Hill Coal Co., Inc.	17753050	Gonzales(Pond Hollow)	Upper Kittanning	20							0
			Upper Freeport	20							2,414,497
			Middle Kittanning	20							
			Lower Kittanning	20							
			Lower Freeport	20							

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
River Hill Coal Co., Inc. (Cont.)	17803045	Uzzell	Middle Kittanning	17							1,761,729	
			Upper Freeport	17								
			Lower Kittanning	17								
			Lower Freeport	17								
			Upper Kittanning	17								
	17840123	Hemlock	Lower Freeport	22							98,893	
			Lower Kittanning	22								
			Middle Kittanning	22								
			Upper Freeport	22								
			Upper Kittanning	22								
	17910114	Dutch Hollow	Middle Kittanning	23							0	
			Upper Freeport	23								
			Upper Kittanning	23								
			Lower Freeport	23								
			Lower Kittanning	23								
	17940107	Pottersdale	Upper Kittanning	26							1,767,274	
			Upper Freeport	26								
			Middle Kittanning	26								
			Lower Freeport	26								
			Lower Kittanning	26								
											Total	6,042,393
Roy Coal Co.	17743165	Roy #3	Middle Kittanning	15-30							2,454	
			Upper Kittanning	15-30								
Sky Haven Coal, Inc.	17743172	Munson 1	Lower Freeport	30							691,890	
			Upper Kittanning	30								
	17803094	Shaw #1	Upper Kittanning	40							697,308	
			Upper Freeport	40								
			Lower Freeport	40								
	17813084	Goss #1	Lower Freeport	24							228,138	
			Upper Kittanning	24								

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Sky Haven Coal, Inc. (Cont.)	17820131	Mid-Penn #1	Upper Kittanning	24							
			Middle Kittanning	24							111,026
	17820182	Shrock #1	Lower Freeport	30							
			Mahoning	30							47,792
			Upper Freeport	30							
			Upper Kittanning	30							
	17850143	Vo Tech #1	Upper Kittanning	24							
			Middle Kittanning	24							405,699
	17860101	Thompsontown #1	Upper Freeport	36							
			Lower Freeport	36							189,227
			Upper Kittanning	36							
	17860104	Deer Creek #1	Lower Freeport	30							
			Upper Kittanning	30							164,395
	17870129	Lower Emigh 2	Lower Freeport	45							
			Upper Kittanning	45							451,877
			Upper Freeport	45							
			Middle Kittanning	45							
	17910109	Sand Ridge Mine	Lower Freeport	30							
			Upper Freeport	30							646,523
	17910112	Baird #2	Middle Kittanning	24							
			Upper Kittanning	24							141,657
	17910121	Jordan	Upper Kittanning	26							
			Middle Kittanning	26							76,486
			Lower Freeport	26							
			Upper Freeport	26							
	17910130	Irishtown	Upper Freeport	24							
	17920122	Turner Run #3	Upper Kittanning	28							308,379
			Mahoning	28							15,847
			Lower Freeport	28							
	17930102	Buterbaugh #1	Upper Kittanning	24							
			Middle Kittanning	24							22,765

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)		
					Shaft	Slope							
					Depth	Length	Degrees						
Sky Haven Coal Co., Inc. (Cont.)	17940114	Eden	Upper Freeport	34							0		
			Lower Freeport	34									
	17950104	Smith No. 5	Upper Freeport	24							0		
			Mahoning	24									
	17950111	Bloom 1 Mine	Middle Kittanning	30							139,016		
	17950112	Mid State 2	Lower Freeport	28							93,682		
			Upper Kittanning	28									
	17960104	Owens 1	Mahoning	28							434,262		
			Upper Freeport	28									
	17960113	Maney 1	Upper Kittanning	24							859,696		
			Middle Kittanning	24									
	17960124	Buck Run	Mahoning	22							60,359		
			Upper Freeport	22									
	17970101	EM Brown #1	Middle Kittanning	27							176,378		
			Lower Kittanning	27									
	17970114	Eden	Upper Kittanning	25							40,037		
			Middle Kittanning	25									
										Total	6,002,439		
Southwest Reclamation, Inc.	17900105	#1	Lower Freeport	22-38							15,202		
			Upper Freeport	22-38									
Strishock Coal Co.	17793123	Bailey Mine	Lower Freeport	24							224,209		
			Lower Kittanning	24									
			Middle Kittanning	24									
			Upper Kittanning	24									
	17860135	Huey Mine	Upper Kittanning	24							827,153		
			Middle Kittanning	24									
			Lower Kittanning	24									
										Total	1,061,362		

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TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

CLEARFIELD COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Swisher Contracting, Inc.	17980104	Woolridge #1	Middle Kittanning	36							0
Thunder Coal Co.	17960117	Smay	Upper Kittanning	14							510
Waroquier Coal Co.	17880116	Thompson Job Soap#397	Lower Freeport	24-28							149,551
			Upper Freeport	24-28							
	17880126	Antis #2 Soap#387	Lower Freeport	24-28							185,113
			Upper Freeport	24-28							
	17910101	Witherow	Lower Freeport	24-28							80,166
			Upper Freeport	24-28							
	17930122	Spencer #1	Upper Freeport	24-28							870
			Lower Freeport	24-28							
	17950120	Shawville #1	Lower Freeport	24-28							0
			Upper Freeport	24-28							
	17960115	Smith Mine	Upper Freeport	24-28							0
			Lower Freeport	24-28							
										Total	415,700
										COUNTY TOTAL	42,070,699

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

ELK COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
Energy Resources, Inc.	24890101	22 Mine	Lower Freeport	32							600,720	
			Upper Kittanning	24								
	24900102	29 Mine	Upper Kittanning	24							157,112	
			Middle Kittanning	27								
	24900103	31 Mine	Lower Freeport	26								
			Upper Kittanning	22							1,471,535	
			Upper Freeport	28								
	24960101	34 Mine	Lower Freeport	32								
			Middle Kittanning	27								
			Upper Kittanning	28								56,445
	24970101	41 Mine	Upper Kittanning	24							420,824	
			Middle Kittanning	36								
	24970102	36 Mine	Lower Kittanning	40								
			Lower Freeport	26								
			Upper Freeport	28							520,118	
	24970103	37 Mine	Middle Kittanning	27								
			Lower Freeport	32								
			Upper Kittanning	22								436,940
			Lower Freeport	32								
			Middle Kittanning	27								
			Upper Kittanning	24								
										Total	3,663,694	
Fairview Coal Co.	24930101	Johnson Run	Middle Kittanning	27							484,406	
			Upper Freeport	27								
	24930102	Boderocco	Upper Kittanning	27								
			Lower Freeport	27								
			Lower Freeport	27								56,850
			Lower Freeport	27								
			Middle Kittanning	27								
			Upper Freeport	27								
			Upper Kittanning	27								

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

ELK COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft		Slope				
					Depth	Length	Degrees				
Fairview Coal Co. (Cont.)	24950102	Schmunk Job	Bituminous								0
										Total:	941,258
Senate Coal Mines, Inc.	24890107	Buier Mine	Lower Freeport	24							287,016
			Upper Kittanning	24							
Tamburlin Brothers Coal Co., Inc.	24673003	Vollmer	Upper Kittanning	24-28							88,685
			Middle Kittanning	24-28							
			Lower Freeport	24-28							
	24813008	Mead Run Operation	Middle Kittanning	24-28							739,997
			Lower Freeport	24-28							
			Upper Kittanning	24-28							
	24870101	Swanson/Soap273	Upper Kittanning	24-28							130,260
			Middle Kittanning	24-28							
			Lower Freeport	24-28							
	24900105	Mine No. 1	Lower Freeport	24-28							320,147
			Middle Kittanning	24-28							
			Upper Kittanning	24-28							
	24920101	Caylor	Middle Kittanning	24-28							13,709
			Upper Freeport	24-28							
			Upper Kittanning	24-28							
	24940101	Mead Run #2	Lower Freeport	24-28							739,687
			Middle Kittanning	24-28							
			Upper Kittanning	24-28							
										Total	1,980,155
										COUNTY TOTAL	6,482,121

**TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY**

FAYETTE COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Amerikohl Mining, Inc.	26970102	Nicholson Strip	Upper Freeport	32							2,585,296
Bridgeview Coal Co.	26950102	Schmunk Job	Upper Kittanning	48							39,850
Carbon Fuel Resources, Inc.	26830201	Monarch Site	Bituminous								0
Charles L. Swenglich & Sons Coal	26773025	Swenglich Mine	Pittsburgh	96							0
Chess Coal Co.	26960101	Hustead II Mine	Redstone	30-32							59,573
	26900109	Collier II Sub-F	Redstone	36-40							15,011
										Total	74,584
Christopher Resources, Inc.	26850112	Mt. Braddock Mine	Pittsburgh	108							162,893
			Redstone	30							
Durant Excavating Co.	26870107	Bertovich Sub-F Soap#333	Sewickley	54							3,438
	26890103	Mrazek Mine	Redstone	24							0
											3,438
M & Y Services, Inc.	26-97-01	Lambert West Site	Bituminous								0
	26-97-02	Camelot Site	Bituminous								0
	26-95-01	Palmer No Cost Contract	Bituminous								0
											0
Oak Run Coal, Inc.	26850107	Reese Strip	Redstone								8,246
Patterson Coal Co.	26930103	Newcomer Sub-F	Redstone	30							0
	26980102	Ganoe Mine	Pittsburgh	84							0
	26920110	Crawford Sub F	Pittsburgh	96							0
	26970101	Sanner Strip	Pittsburgh	96							0
											0
Purco Coal, Inc.	26703078	Layman Strip	Bituminous	42							32,373
	26970105	Beeson Strip	Pittsburgh	96							0
Sperko, Robert	26900110	Browns Run Mine	Redstone	30							0
Stash Mining Co.	26910108	USX Strip	Pittsburgh	96							88,838
			Redstone	30							
			Sewickley	48							

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

FAYETTE COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Theodore R. Genovese II Coal Co.	26910107	Black Nugget 4 Mine	Pittsburgh	102							3,950
TL Hill Coal Co.	26970106	Burd Surface Mine	Redstone	40							11,350
	26783002	Hill Strip	Redstone	40							0
Twilight Industries, Div. of US Natural Resources	26920105	Chubby Strip	Washington	74							0
	26970201	Phillips Pit	Cinders (Reddog)								0
Wise Mining Co.	26820129	Snider Strip	Redstone	36							0
	26900104	Wise Strip	Redstone	48							0
COUNTY TOTAL											3,008,819

GREENE COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
CJ & L Coal	30960101	Mather Strip	Waynesburg	56							16,981
CT & LT Enterprises, Inc.	30813020	Justice	Waynesburg	60							116,670
Taylorstown Mining, Inc.	30960102	Emelio 3 Strip	Sewickley	48							71,704
COUNTY TOTAL											205,355

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

INDIANA COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Alverda Enterprises, Inc.	32980103	Carino No. 1 Mine	Lower Freeport	46							0
Andray Mining Co.	32870101	Arcadia No. 1	Lower Freeport	30							10,800
			Upper Freeport	24							
			Upper Kittanning	72							
Beilchick Brothers	32830113	Mardisrun #1	Lower Freeport	38							0
	32850114	Malloy No. 2	Upper Freeport	28							0
Big Mack Leasing Co., Inc.	32950104	Iselin 18 Mine	Pittsburgh	84							1,317,519
DJ & W Mining, Inc.	32960104	Gaibleton Mine	Lower Freeport	28							0
Doverspike Brothers Coal Co.	32950106	Y Not Mine	Upper Freeport	45							116,842
Dunamis Resources, Inc.	32930102	Possiter #3	Lower Freeport								2,610
Fossil Fuel, Inc.	32970101	Creighton Mine	Lower Freeport	24							214,197
			Upper Kittanning	24							
GLR Mining, Inc.	32940102	Heilwood No. 7 Mine	Lower Freeport	38							235,683
Kent Coal Mining Co.	32920102	Kent Coal Mining Company	Upper Freeport	42							9,692
	32940105	Lucerne #2	Upper Freeport	42							324,839
	32970103	Marshall Run No. 2 Mine	Upper Kittanning	42							357,242
			Upper Freeport	42							
										Total	691,773
KMP Associates	32940109	Ehenger Mine	Pittsburgh	80							305,069
	32950105	McCullough/Soap 936	Pittsburgh	76							3,093
											308,162
Kraynak Coal Co.	32960103	Purchase Line Mine	Lower Freeport	40							30,509
MB Energy, Inc.	32950107	Mt. Tabor Mine	Lower Freeport	32							134,770
			Upper Kittanning	19							
	32970102	Blacklick No. 2 Mine	Pittsburgh	60							0
	32980101	Brushvalley E Mine	Upper Freeport	36							284,012
										Total	398,782

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

INDIANA COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Mears Enterprises, Inc.	32970110	Palmer Mine	Lower Freeport								14,231
	32970112	Greene-Allison Mine	Lower Freeport	30							50,122
	32970901	Lockard Project	Lower Freeport	30							0
										Total	64,353
Opal Industries, Inc.	32920104	Opal Industries, Inc.	Pittsburgh	40							0
P & N Coal Co., Inc.	32930105	P & N Coal Company, Inc.	Lower Freeport	18							561,928
			Upper Freeport	24							
			Upper Kittanning	46							
Pitt Mining Co.	32940107	Pitt Mining Company	Pittsburgh	80							285,197
Simpson Coal Co.	32970108	Clarksburg Mine	Pittsburgh	84							0
	32970107	Bish Mine	Pittsburgh	84							0
TLH Coal Co.	32930107	TLH Coal Co./892	Upper Freeport	40							449,786
			Lower Freeport	42							
Urey Coal Co.	32880107	Neely Strip	Lower Freeport	18							23,547
			Upper Freeport	24							
			Upper Kittanning	46							
Weaver, Larry & Weaver, Warren	32940106	Stitt Wolfe Mine	Lower Freeport	24							0
			Upper Kittanning	23							
Yenzi, John R. Jr.	32960102	Haverilla Mine	Upper Freeport	48							82,638
			Lower Freeport	24							
										COUNTY TOTAL	4,794,326

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

JEFFERSON COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Beth Contracting, Inc.	33980102	East Branch Mine	Bituminous	24							19,019
Beverly Hill Coal Co.	33920106	Kuntz Mine	Lower Freeport	24							17,744
	33970108	Trump Mine	Lower Freeport	24							17,744
										Total	35,488
Deemer, Fred A., Jr.	33890115	Caltagarone	Lower Freeport	36							0
			Upper Kittanning	20							
	33940107	Caltagarone #2	Upper Kittanning	22							7,445
Ed Hanslovan Coal Co., Inc.	33940106	Stitt Wolfe Mine	Upper Freeport	32							712,517
	33970112	Askey 3 Mine	Upper Freeport	32							166,832
	33860109	Buchanon 2 Mine	Upper Freeport	32							273,756
										Total	1,153,105
Falls Creek Energy Co., Inc.	33970113	Adrian 3 Mine	Lower Freeport	70							53,759
	33970111	Eleanora 3 Mine	Lower Freeport	50							19,000
	33930111	Adrian 2 Mine	Upper Freeport	38							244,901
										Total	317,660
Hepburnia Coal Co.	33900105	Sawmill Mine	Lower Kittanning	48							184,242
			Upper Freeport	34							
			Upper Kittanning	42							
			Lower Freeport	30							
	33950103	F & S Job	Lower Kittanning	24							851,953
										Total	1,016,195
Krach & Gearhart	33803005	Beck Mine	Middle Kittanning	14							0
MB Energy, Inc.	33970106	Bronson Mine	Lower Freeport	20							119,945
McKay Coal Co., Inc.	33930110	Carney Mine	Lower Freeport	36							110,818
	33900118	Olson Mine	Lower Kittanning	20							117,138
										Total	227,956

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS OPERATING PARAMETERS BY COUNTY

JEFFERSON COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft		Slope				
					Depth	Length	Degrees				
MSM Coal Co., Inc.	33910110	Himes Mine	Lower Kittanning	28							27,890
	33940104	Alcorn Mine	Shale								0
	33960105	Hilliard Mine	Lower Kittanning	29							0
	33940109	Bodenhorn Mine	Lower Kittanning	28							0
Original Fuels, Inc.	33890113	Pine Run #418	Lower Freeport	24-28							162,248
	33910107	Thomas Mine	Lower Kittanning	24-28							58,847
	33950109	Brosius Mine	Lower Kittanning	24-28							456,937
									Total		678,032
P & N Coal Co., Inc.	33693008	McClure #1	Lower Freeport	28							0
			Upper Kittanning	24							
	33813012	McClure #1	Upper Kittanning	36							539,953
	33820143	Bowersville #1	Lower Freeport	28							56,556
	33900111	McClure #3	Upper Kittanning	26							176,263
			Lower Freeport	24							
									Total		772,772
R & L Coal Corp.	33960106	Newcome Burkett Mine	Bituminous	14							0
	33950107	Chestnut Mine	Lower Kittanning	40							0
Rice Coal Co.	33920107	Seneca #2	Middle Kittanning	18							0
Rosio Coal Co.	33820149	Rosia	Upper Kittanning	26							1,980
Sky Haven Coal, Inc.	33890119	South Ridge #1	Lower Freeport	60							222,695
			Upper Freeport	60							
			Upper Kittanning	60							
	33920109	South Ridge #2	Lower Freeport	60							150,460
			Upper Freeport	60							
			Upper Kittanning	60							
									Total		373,155
Starr Coal Co.	33850123	No. 10 Mine	Upper Freeport	30							149,675

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

JEFFERSON COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Strishock Coal Co.	33920101	Exit 14 Mine	Lower Kittanning	24							4,537
			Middle Kittanning	24							
	33920103	Zimmerman	Middle Kittanning	24							6,925
										Total	11,462
Swisher Contracting, Inc.	33950105	Scamati	Lower Freeport	24							6,616
	33970104	Coleman Mine	Upper Freeport	36							28,748
										Total	35,364
TDK Coal Sales, Inc.	33960109	Winters Mine	Lower Kittanning	28							163,100
TLH Coal Co.	33950108	Smith Mine	Lower Freeport	36							83,429
Urey Coal Co.	33950106	Perry Mine	Bituminous	38							0
Yenzi, John R., Jr.	33813020	Yenzi 3 Mine	Mahoning	60							17,757
			Upper Kittanning	60							
	33930112	Reitz Mine	Lower Freeport	60							0
Yenzi, Leonard W.	33940105	GP Millcreek 2 Mine	Bituminous	18							0
	33950102	GP Knoxdale Mine	Bituminous	40							0
	33930107	GP Knoxdale Mine	Bituminous	18							0
										COUNTY TOTAL	5,211,429

LAWRENCE COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
East Fairfield Coal Co.	37910107	Clark Mine	Lower Kittanning	24							62,475
										COUNTY TOTAL	62,475

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

LYCOMING COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Fisher Mining Co.	41940101	Thomas Mine	Bituminous	36							1,060,137
	41920101	Frazier Mine	Bituminous	36							941,856
											2,001,993
										COUNTY TOTAL	2,001,993

MERCER COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Rusnak Coal Co.	43793003	Shidel Mine	Bituminous	40							0
										COUNTY TOTAL	0

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

SOMERSET COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Action Mining, Inc.	56663069	Summit No. 2 Mine	Waynesburg	24							130,584
			Sewickley	18							
			Redstone	48							
			Pittsburgh	108							
	56950101	Poorbaugh Strip	Upper Kittanning	72						189,978	
	56940105	Action Mining, Inc.	Redstone	48						0	
Pittsburgh			108								
										Total	320,562
Barbuschak Excavating	56910103	Job No. 1	Upper Kittanning	12							0
			Middle Kittanning	12							
Big J Mining, Inc.	56930105	Siehl Operation	Upper Kittanning	36							526
Cooney Brothers Coal Co.	56880101	Cooney Bros. Coal Co.	Upper Kittanning	40							200,000
			Upper Freeport	40							
			Lower Freeport	40							
			Middle Kittanning	30							180,000
	56920106	Brubaker Mine	Bituminous	40						55,000	
	56950111	Burgess 2 Strip	Bituminous	40						180,000	
										Total	615,000
Croner, Inc.	56823008	Hauger	Blue Lick	32-48							130,739
			Redstone	32-48							
	56823033	Blue Lick No. 2 Mine	Blue Lick	34							208,766
Redstone Rider			12								
Blue Lick Rider			12								
Redstone			48								
			Sewickley	14							
	56823123	Walker	Blue Lick	44							72,240
Redstone			32								
	56860101	Slifco No. 3 Strip	Pittsburgh	34						101,558	
	56860105	Merrill Strip	Redstone	44							247,598
			Blue Lick	32							

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

SOMERSET COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
						Depth	Length				
Croner, Inc. (Continued)	56890101	Pine Hill Strip	Redstone	44							130,739
			Blue Lick	32							
										Total	891,640
Dunamis Resources, Inc.	56980104	Gardner Mine	Upper Freeport	42							57,157
Duppstadt Coal	56890111	Wagner Strip	Pittsburgh	96							9,017
Fieg Brothers	56930114	Stoner Strip No. 2	Pittsburgh	40							32,636
	56940106	Philson Strip	Pittsburgh	36							269,777
			Morantown	48							
										Total	302,413
Fritz Coal, Inc.	56960101	Fritz Mine	Upper Kittanning	30							100,393
Future Industries, Inc.	56880103	Jopa No. 1	Quakertown	36							804,555
			Mercer	24							
	56900112	Nittany Mine	Quakertown	36							320,117
			Mercer	18							
	56920101	Hogback Mine	Quakertown	36							25,395
	56930104	Merrill Strip	Pittsburgh	36							208,175
			Morantown	48							
			Blue Lick	48							
	56930106	Mallard Mine	Upper Freeport	30							150,650
	56930112	Duck Strip	Upper Freeport	30							266,465
	56940101	Future Industries, Inc.	Pittsburgh	36							89,983
			Morantown	48							
										Total	1,865,340
Godin Brothers, Inc.	56960107	Acosta Mine	Lower Kittanning	42							514,002
			Middle Kittanning	36							
Gray Mining Co., Inc.	56753048	Gray No. 1 Mine	Bituminous								0
Hardrock Coal Co.	56793091	Hardrock Coal Co.	Upper Freeport	40							46,878
	56950110	Niverton Strip	Pittsburgh	96							0
			Blue Lick	48							
	56910104	Keim Strip	Pittsburgh	96							0

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

SOMERSET COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Heritage Mining Co.	56950103	Mars Mine	Bituminous	24							0
	56920109	Peterman Mine	Bituminous	24							12,000
Hilltop Mining, Inc.	56830114	Bigby Strip	Lower Bakerstown	26							40,673
Hoffman Mining, Inc.	56960102	Tuscky 2 Mine	Upper Kittanning	38							950,776
			Upper Freeport	30							
			Lower Freeport	42							
	56970102	Alberter Mine	Lower Freeport	25							350,899
			Upper Kittanning	36							
	56980102	J T Mine	Lower Kittanning	72							83,536
			Middle Kittanning	20							
			Upper Kittanning	40							
										Total	1,385,211
Laura D Coal, Inc.	56960111	Sorber Mine	Upper Kittanning	34							178,002
LK Mining, Inc.	56960105	Brugh Mine	Upper Freeport	36							61,346
Marquise Mining Corporation	56950104	1015	Lower Freeport	30							103,067
			Upper Freeport	30							
			Upper Kittanning	30							
	56970103	Wilber II Mine	Upper Kittanning	30							204,440
			Lower Freeport	30							
			Upper Freeport	30							
										Total	307,507
Mountaineer Mining Corp.	56930109	Kimmick Operation	Little Pittsburgh	30							0
PA Coal Co., Inc.	56950105	MR Land Operation	Upper Kittanning	30							182,113
PBS Coals, Inc.	56960108	Job 210	Morantown	60							31,730
			Blue Lick	60							
			Pittsburgh	48							
	56960110	Hartman	Blue Lick	18							4,810,505
			Pittsburgh	50							
			Redstone	36							

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

SOMERSET COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
PBS Coals, Inc. (Cont.)	56890115	PBS Coals, Inc.	Pittsburgh	38						0	
			Redstone	36							
			Blue Lick	18							
	56870103	Beachley #2 Strip	Upper Freeport	40						0	
	56-95-01	Gahagen Refuse	Bituminous							0	
									Total	4,842,235	
Sanner Energies, Inc.	56813005	Gomer Mine	Upper Freeport	30						0	
			Lower Freeport	30							
	56920105	Sanner Energies, Inc.	Upper Bakerstown	24						0	
			Lower Bakerstown	36							
Scurfield Coal, Inc.	56813019	Bethlehem Mine	Middle Kittanning	30						0	
Senate Coal Mines, Inc.	56920111	Acosta Mine	Bituminous							0	
	56960106	Horner Mine	Middle Kittanning	36						392,642	
			Upper Freeport	42							
			Upper Kittanning	32							
Shade Mining Co.	56813050	Shade No. 3 Mine	Lower Freeport	36						505,957	
			Middle Kittanning	28-30							
			Lower Kittanning	28-30							0
Shaffer Brothers Coal Co., Inc.	56860107	Shaffer Mine	Lower Kittanning	32						0	
Three S Coal Co.	56860106	Job No. 20	Upper Kittanning	30						85,981	
			Middle Kittanning	20							
Zubek, Inc.	56950106	Walker #3 Strip/Soap 915	Upper Kittanning	30						9,654	
	56930108	Zubek, Inc.	Upper Kittanning	30						84,227	
	56940104	907	Upper Kittanning	24						0	
			Lower Freeport	28							
	56863135	Walker	Upper Kittanning	28						0	
									Total	93,881	
									COUNTY TOTAL	12,810,476	

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

VENANGO COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Ben Hal Mining Co.	61970101	Nectarine II Mine	Lower Kittanning	36							110,000
Rusnak Coal Co.	61970102	Hawk Run Mine	Middle Kittanning	24							33,900
										COUNTY TOTAL	143,900

WASHINGTON COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Goodall, Robert B.	63823020	Roman Mine	Pittsburgh	132							0
Joseph Rostosky Coal Co.	63830103	Stiteler	Waynesburg	44							24,798
Reichard Contracting, Inc.	63940201	Matway	Pittsburgh	96							0
Robinson Coal Co.	63950101	Candor Strip	Pittsburgh								0
	63980102	Burgoon Mine	Pittsburgh								0
	63940101	Amot	Pittsburgh	90							0
	63910103	Schwab II	Pittsburgh	90							210,795
Twilight Industries, Div. of US Natural Resources	63960101	I-70 Strip Mine	Waynesburg	50							1,422,152
	63930101	Myers Strip	Waynesburg	46							95,820
	63850111	Hays Strip Mine	Waynesburg	50							162,733
										Total	1,680,705
Washington Energy Processing, Inc.	63743212	Champion	Bituminous								0
										COUNTY TOTAL	1,916,298

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

WESTMORELAND COUNTY

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)
					Shaft	Slope					
					Depth	Length	Degrees				
Amerikohl Mining, Inc.	65960108	Hixson Strip	Upper Kittanning	35							167,660
	65970104	Ruff Strip	Upper Kittanning	29							677,131
	65773019	Leon Strip	Upper Kittanning	26							736,756
										Total	1,581,547
FRB, Inc.	65920105	FRB, Inc.	Pittsburgh	84							0
Hepler, Calvin W.	65910103	Hepler 1 Strip	Pittsburgh	96							0
MB Energy, Inc.	65840117	Saul	Pittsburgh								0
	65840119	Horn Mine	Sewickley	24							799,148
	65880106	Slickville Sub-F	Pittsburgh	72							0
	65880112	Trees Mills Mine	Pittsburgh	72							0
	65880113	Cambuzzi Sub-F	Upper Freeport	36							0
	65900109	Saul 2 Mine	Pittsburgh								0
	65910104	Horn 2 Mine	Sewickley	25							32,841
	65940104	Ridge Road 3 Mine	Lower Kittanning	36							52,475
			Middle Kittanning	23							
	65950111	Miller Run No. 1	Brush Creek	21							0
	65960103	Miller Run 2	Lower Freeport	72							96,391
			Upper Freeport	72							
	65960105	Stony Run 5	Pittsburgh	72							52,493
			Sewickley	23							
	65970103	Horn 3 Mine	Sewickley	24							0
	65970105	Slavek Mine	Sewickley	22							0
										Total	1,033,348
Mehalic Brothers	65950105	Harr Strip	Redstone	84							0
			Pittsburgh	30							
Purco Coal, Inc.	65890104	Momyer-Hepler	Redstone	34							28,650
Ralph Smith & Son, Inc.	65940107	Pikuski 2 Mine	Pittsburgh	96							18,322
	65950107	McQuaide Mine	Pittsburgh	96							81,627
	65980101	Klingensmith Mine	Pittsburgh	96							0
										Total	99,949

TABLE 33 (Continued)
BITUMINOUS SURFACE MINING OPERATIONS - OPERATING PARAMETERS BY COUNTY

WESTMORELAND COUNTY (continued)

Company	Permit	Site Name	Coal Seam	Height of Seam Inches	Kind of Opening			Drift	Gaseous	Non-Gaseous	Total Explosives (Pounds Used)	
					Shaft	Slope						
					Depth	Length	Degrees					
Seven Sisters Mining Co., Inc.	65950102	Sedat 2 Mine	Pittsburgh	72							0	
Sosko Coal Co., Inc.	65960111	Allegra Mine	Pittsburgh	96							0	
			Redstone	24								
VP Smith Co., Inc.	65970102	Delmont Mine	Pittsburgh	60							0	
	65980102	Matson Mine	Pittsburgh	60							0	
										COUNTY TOTAL	2,742,494	
											BITUMINOUS TOTAL	112,141,115