# State of West Virginia Office of Miners' Health, Safety & Training 891 Stewart Street Welch, West Virginia 24801

January 13, 2007

Double Fatal Roof Fall Accident

Brooks Run Mining Company, LLC Cucumber Mine Permit No. U-4001-01

Region 2 Fred B. Stinson, Inspector-at-Large

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# DOUBLE FATAL ROOF FALL ACCIDENT BROOKS RUN MINING COMPANY, LLC CUCUMBER MINE PERMIT NO. U-4001-01

#### **General Information**

A double fatal roof fall accident occurred at approximately 10:30 a.m. on January 13, 2007, at the Brooks Run Mining Company, LLC, Cucumber mine. The accident occurred on the North section where James Thomas and Pete Poindexter walked up the No. 3 entry to begin repositioning the No. 1 and No. 2 Fletcher Mobile Roof Supports after mining was completed on the third lift. James Thomas, age 48, and Pete Poindexter, age 33, were fatally injured when they were struck by the collapse of mine roof in the No. 3 entry during retreat mining operations.

Darrell Keene, Maintenance Foreman, called Fred B. Stinson, Inspector-at-Large, WV Office of Miners' Health, Safety and Training, Region 2, Welch, West Virginia, at 10:40 a.m. to report the accident, then Jeff Hubbard, weekend outside man, called the McDowell County 911 Center at 10:49 a.m. Fred B. Stinson issued a verbal order to control the area and equipment until an investigation was completed. A joint investigation with the Mine Safety and Health Administration and mine management was started immediately.

#### **Description**

The Brooks Run Mining Company, LLC, Cucumber Mine, is a slope and shaft opening mine that produces coal in the Pocahontas No. 3 seam and is located near War in McDowell County. Mining is conducted with two continuous miner sections. Five crews work this mine seven days a week: "A" crew works straight day shift; "B" crew works straight evening shift; "C" crew works two shifts on day shift and two shifts on second shift then off three days; and "D" and "E" crews do maintenance, power moves and conveyor belt moves on the midnight shift. Employees and supplies are transported by rubber tired battery and diesel equipment and coal is removed from the working sections via conveyor belts to the surface.

On Saturday, January 13, 2007, the "C" crew under the direction of Richard Baugh, Section Foreman, entered the mine at approximately 6:30 a.m. Upon arriving on the North Section at approximately 7:00 a.m., Okey Sartin had prayer with the crew at the section power center, then Richard Baugh, Section Foreman, had a safety meeting with the crew. After this, Mr. Baugh stated that he made an on-shift examination across the pillar line while crew members attended to their assigned duties: Chris Bowman, Continuous Miner Operator, Everett Perry, Continuous Miner Helper, Kenneth Baker and Randall Chapman, Shuttle Car Operators, Jeff Stiltner and Okey Sartin, Scoop Operators, Benny Chapman and Jessee Spaulding, Timbermen, Pete Poindexter and James Thomas (victims), Mobile Roof Support Operators, and Cassell Hardin, Electrician.

To start production, Mr. Bowman and Everett Perry moved the continuous miner into the No. 4 entry to complete the extraction of right lifts in 105 coal pillar block and left lifts in 106 coal pillar block that had been started by the "B" crew the evening before, January 12, 2007. Mr. Thomas and Mr. Poindexter, victims, operated the Fletcher Mobile Roof Supports in this area as the three lifts were mined. After mining had been completed in the No.4 entry, Mr. Bowman stated that he backed the right side continuous miner back down the No. 4 entry so that Mr. Thomas and Mr. Poindexter could tram the No. 1 and No. 2 mobile roof supports across the No. 4 to No. 3 break to No. 3 entry, position the No. 3 and No. 4 Fletcher Mobile Roof Supports in the No. 4 to No. 3 crosscut, and position the No. 1 and No. 2 Fletcher Mobile Roof Supports in the No. 3 entry one break inby Spad Station 1037 against the gob line so that mining could be started in the No. 106 and No. 107 coal pillar blocks.

General Mine Foreman, Eustace Perry, had arrived on the North section to check the mining height and if extensions were needed on the Fletcher Mobile Roof Supports and to check across the working section. According to statements given during the investigation, Mr. Rick Baugh, Section Foreman, had checked across the gob line and had returned to the No. 3 entry working faces prior to mining being started in No. 106 and No. 107 coal pillar blocks. Mr. Bowman began mining in the No. 3 entry, one break inby Spad Station 1037, by taking the first left lift from No. 107 coal pillar block, then Mr. Thomas and Mr. Poindexter moved the No. 1 Fletcher Mobile Roof Support was in place, Mr. Bowman mined the first right lift from the No. 106 coal pillar block, then Mr. Thomas and Mr. Poindexter moved the No. 2 Fletcher Mobile Roof Support up so that Mr. Bowman could mine the second left lift from the No. 107 coal pillar block. When Mr. Bowman completed mining the second left lift from the No. 107 coal pillar block, he backed the remote control continuous miner back past the No. 3 intersection while standing in the No. 3 to No. 4 crosscut.

Once the continuous miner had cleared the intersection, Mr. Baugh, Mr. Thomas and Mr. Poindexter, who had been standing in the No. 3 to No. 2 crosscut one break outby the working faces with Eustace Perry, walked toward the No. 1 and No. 2 Fletcher Mobile Roof Supports while Eustace Perry walked toward the continuous miner. Mr. Baugh stated that while standing near the outby corner of the second left lift of No. 107 coal pillar block with his hand on the mine roof and Mr. Thomas and Mr. Poindexter about an arm's length away, a portion of mine roof fell striking Mr. Thomas and Mr. Poindexter. Kevin Hale, Shuttle Car Operator, who had walked around the continuous miner into the No. 3 entry intersection saw the roof fall and began to shout for help. Everett Perry, Continuous Miner Helper, who was in the No. 3 to No. 2 crosscut eating lunch, heard the roof fall and Mr. Hale shouting, went into the No. 3 entry where Chris Bowman, Continuous Miner Operator, told him that Mr. Thomas and Mr. Poindexter were under the fall. Mr. Hale ran outby toward the conveyor belt feeder to notify other crew members of the accident and that equipment needed to be moved to have access to the accident scene. When told of the accident, Kenneth Baker attempted to call outside to notify the responsible person of the accident, but could get no response at this time. Eustace Perry who had come to the mine phone called outside and notified the responsible person. Mr. Baker stated that he went back to the accident scene where Mr. Bowman was moving the No. 3 and No. 4 Fletcher Mobile Roof Supports closer to the No. 3 intersection for additional roof support because the mine roof was working. Mr. Bowman stated that after moving the No. 3 and No. 4 Fletcher Mobile Roof Supports, Eustace Perry who had returned to the accident scene asked him to pressurize the No. 1

Fletcher Mobile Roof Support against the mine roof because it was down approximately six (6) inches. Mr. Baugh, Mr. Hale, Jesse Spaulding and remaining crew members began setting timbers and cribs to make the scene safe. When the timbers and cribs had been set, Rick Baugh sent some of the crew members outside while the others stayed underground to help recover the victims. Upon recovering the victims they were transported to the surface where they were pronounced dead by the McDowell County Medical Examiner.

#### **Findings of Facts**

- 1. The Brooks Run Mining Company, LLC, Cucumber Mine, was permitted December 7, 2004, and slope construction by Cowin, Inc. was started shortly after this date the same month with coal production starting October 2005.
- 2. The Cucumber Mine operates in the Pocahontas No. 3 seam which averages forty-eight inches in height and has a coal rider seam which averages approximately two (2) inches in thickness in the mine roof that ranges from zero (0) inches to four (4) feet above the coal seam.
- 3. Coal is produced on two sections, North and West. The North section is a pillar recovery section and the West section is a developing section.
- 4. Remote control continuous miners are utilized to produce coal on both sections.
- 5. As the North section was developed, the mine roof was mined to the coal rider seam in some areas depending on how high it was in the mine roof; and in some areas, the mine roof was mined two feet in thickness because the coal rider went higher in the mine roof.
- 6. In the Pocahontas No. 3 seam, the mine roof has a tendency to breakup and fall out in various sizes and thickness when the mine roof is not mined to the coal rider seam in areas where it drops down close to the coal seam. These conditions were prevalent on the North section.
- 7. Coal pillar block recovery started on the North section in mid December 2006. This is the first pillar recovery work to be performed at this mine.
- 8. Four Fletcher Mobile Roof Supports were being used as the primary roof support during coal pillar block recovery with timbers used in the breaker rows.
- 9. Two mobile roof support operators work each production shift to move the four mobile roof supports as the coal pillar blocks are mine.
- 10. According to statements given during the investigation and an inspection across the gob line of the North section, it has been determined that various amounts of standing coal had been left from previous pillar blocks that had been partially mined inby the accident scene.

- 11. According to statements given during this investigation, coal pillar block recovery in each row started on the right side of the North section and continued to the left side of the section.
- 12. According to statements given during this investigation, various crew members heard the mine roof bumping, breaking and the fully grouted resin rods pop or ping as coal pillar blocks were mined which is normal during this type of mining. These activities increased as mining was done towards the left side of the North section.
- 13. According to statements given during this investigation by the "B" crew members, portions of the mine roof fell in the No. 4 entry adjacent to the No. 3 entry accident scene as lifts were mined from the No. 105 and No. 106 coal pillar blocks.
- 14. It was observed at the accident scene that the mine roof had not been mined up to the coal rider seam during development.
- 15. According to statements given during this investigation and inspection of the accident scene, it was determined that three lifts had been mined from the No. 3 entry inby Spad Station 1037 by the "C" crew prior to the accident.
- 16. Twist telephone wire was used to hang the trailing cables of the four Fletcher Mobile Roof Supports being operated on the North section.
- 17. According to statements given during this investigation by various employees, sometimes the twist telephone wire would be twisted several times when the mobile roof support trailing cables were hung; and when the cable reels of the mobile roof supports were activated, the cables would not come down, thus employees had to go into the working places to take the cables down before the mobile roof supports could be moved.
- 18. According to statements given during this investigation, while the second left lift was being mined in the 107 coal pillar block in the No. 3 entry inby Spad Station 1037, Chris Bowman, Continuous Miner Operator, was located in the No. 3 to No. 4 crosscut while Rick Baugh, Section Foreman, Eustace Perry, Mine Foreman, and victims, James Thomas and Pete Poindexter, were located in the No. 3 to No. 2 crosscut.
- 19. According to statements given during this investigation, Chris Bowman, using the remote control, backed the continuous miner through the intersection at Spad Station 1037 in the No. 3 entry so that victims, James Thomas and Pete Poindexter, could move the No. 1 and No. 2 Fletcher Mobile Roof Supports back so the 2<sup>nd</sup> Right lift could be mined from the 106 coal pillar block.
- 20. According to statements given during this investigation and evidence at the accident scene, Section Foreman, Rick Baugh, observed the victims, James Thomas and Pete Poindexter, as they walked inby the outby corner of the second left lift of No. 107 coal pillar block of the North section to begin moving the No. 1 and No. 2 Fletcher Mobile Roof Supports. This placed them approximately 13 feet from the No. 1 and No. 2

Fletcher Mobile Roof Supports; and while in this position, the mine roof fell striking Mr. Thomas and Mr. Poindexter.

- 21. According to statements given during this investigation when Mr. Thomas was removed from under the fallen mine roof, the remote control for the Fletcher Mobile Roof Supports was lying in the same location.
- 22. The approximate size of the portion of mine roof that fell striking Mr. Thomas and Mr. Poindexter measured 8 feet wide, 9 feet long, and 0-18 inches in thickness.
- 23. According to statements given by Continuous Miner Operator, Chris Bowman, Mine Foreman Eustace Perry asked him to re-pressurize the No. 1 Fletcher Mobile Roof Support against the mine roof because it had been lowered approximately six (6) inches away from the mine roof.

#### **Conclusion**

James Thomas and Pete Poindexter were fatally injured when they were struck by the collapse of mine roof in the No. 3 entry during retreat mining operations.

#### Recommendations

- 1. All employees operating mobile roof supports shall be re-trained in the proper and safe location to be while operating the mobile roof supports. Also, this re-training shall include the safety procedures included in the approved roof control plan for the mobile roof supports.
- 2. The anchor point on the trailing cable for the Fletcher Mobile Roof Supports shall be marked to ensure that only the needed amount of cable will be on the cable reel. This will allow the cable reel to take up at all times.
- 3. Break away type hangers will be used to hang the trailing cable to be pulled down by moving the mobile roof supports, thus eliminating the need for the operators to be near the machines after the cables have been hung initially.

#### **Enforcement Action**

The following enforcement action was taken as a result of the investigation.

A non-assessed control order was issued in accordance with West Virginia Mine Law 22A-2-68. The following enforcement actions were taken. Violations one through four were contributing factors to the accident, and violations five and six were not contributing factors to the accident.

#### *Violation Number One: 36-10-4(4.1)*

During an investigation of a roof fall accident scene located inby Spad No. 1037 in the No. 3 entry on the North Mains section of this mine and from testimony given by those interviewed, it was determined that Mr. Pete Poindexter and Mr. James Thomas, mobile roof support machine operators, were fatally injured while being exposed to a fall of roof material. Upon completion of the mining of a second lift from the left side block of coal, the victims proceeded up into the entry in an apparent attempt to tend the Fletcher Mobile Roof Support cables at which time the No. 1 MRS on the left side was lowered and the fall occurred. Failure to comply with the approved roof control plan, safety precaution No. 7, page 12a was indicated in that the victims were recovered from locations that were approximately thirteen feet from the mobile roof supports.

# Violation Number Two: 36-10-16(16.1.1)

It was revealed during the investigation of a double fatal roof fall accident that occurred Saturday, January 13, 2007, on the North Mains section that the approved roof control plan was not being followed in that safety precaution No. 9 shown on page 12a was not being complied with in that breakaway type hangers were not being used to prevent persons from going inby the mined lift taken out of the left side block into the pillar line to tend the Fletcher Mobile Roof Support cables that had been hung by the use of wire.

#### *Violation Number Three: 36-10-16(16.1.1)*

It was revealed during the investigation of a double fatal roof fall accident that occurred Saturday, January 13, 2007, on the North Mains section that the approved roof control plan was not being followed in that the second lift mined out of the left block in the number three entry at the accident scene was mined to a depth of thirty-five (35) feet from the last row of bolts. This does not comply with the approved plan as indicated on page 12. As shown on this page, the lift shall not exceed twenty-five (25) feet or more than half of the block. The finished block left after development in this area measured forty-five (45) feet wide by eight (80) feet long. The measurement in this lift was taken by a lazer operated measuring device with measurements being observed by four accident investigators on site. Said device was tested for accuracy by being compared with actual measurements of distances at the Welch Office of Miners' Health, Safety and Training of which said measurements proved to be accurate.

#### *Violation Number Four: 36-10-16(16.1.1)*

It was revealed during the investigation of a double fatal roof fall accident that occurred Saturday, January 13, 2007, on the North Mains section that the cable reel take up on the No. 1 and No. 2 Fletcher Mobile Roof Supports being used in the No. 3 entry were not operational due to the cable reels being full. This prevented the mobile roof supports from being fully operational as outlined in safety precautions No. 4 and No. 9 on page 12a of the approved roof control plan. This practice required that the cables be handled manually, thus causing the mobile roof support operators to be exposed to unusual hazards at or inby the pillar line.

#### *Violation Number Five: 36-12-4(4.15)*

It was revealed during the investigation of a double fatal roof fall accident that occurred Saturday, January 13, 2007, on the North Mains section that three Fletcher Mobile Roof

Supports being used in pillaring operations were not being maintained in permissible condition in that the No. 6 trailing cables to these machines were found to be in excess of the allowed five hundred fifty (550) feet. The No. 1 unit had cable that measured seven hundred nine (709) feet. The No. 2 unit had cable that measured seven hundred twenty-five (725) feet. The No. 4 unit had cable that measured seven hundred twenty-one (721) feet.

*Violation Number Six: 36-10-16(16.1.1)* 

It was revealed during the investigation of a double fatal roof fall accident that occurred Saturday, January 13, 2007, on the North Mains section that the approved roof control plan was not being complied with relative to precaution No. 4 on page 12a. On Friday, January 12, 2007, the No. 1 Fletcher Mobile Roof Support unit being used on the North Mains section was trammed from the No. 2 entry to the No. 6 entry with a defective tram system. One side was trammed manually by a worker as the opposite side was trammed remotely by another worker. During this time, it was stated by the mine superintendent that someone would work on the tramming. The unit was set up and mining began in the No. 6 entry and continued until the set up in the No. 5 entry at which time repairs were made.

## Acknowledgment

The West Virginia Office of Miners' Health, Safety and Training gratefully acknowledges the cooperation of the employees and management of Brooks Run Mining Company, LLC and the Mine Safety and Health Administration during this investigation.

Respectfully submitted:	
Terry Farley, Administrator of Enforcement	Date
Fred B. Stinson, Inspector-at-Large	Date
Donald L. Dickerson, Assistant Inspector-at-Large	Date
Dwight McClure, Roof Control Inspector	Date
Janice Martin, District Inspector No. 84	Date
Greg Norman, District Inspector No. 190	Date

# Appendix

- List of persons providing information or present during the investigation
- Mine Information
- Victim Information

# **Mine Information**

COMPANY NAME Brooks Run Mining Company, LLC		
MINE NAME Cucumber		
WV PERMIT S-4001-01	MSHA PERMIT NO. 46-09066	
ADDRESS 208 Business Street, Beckley, WV 25801		
COUNTY Wyoming	PHONE NUMBER 304-875-2603	
DATE PERMIT ISSUED	December 7, 2004	
WORKING STATUS	Active	
LOCATION Cucumber,	WV	
UNION	NON-UNION X	
DAILY PRODUCTION 1,840 Clean Tons		
ANNUAL PRODUCTION TO DATE 612,703 Clean Tons		
TOTAL EMPLOYEES11:	5	
NUMBER OF SHIFTS3		
NAME OF COAL BED Po	cahontas No. 3	
SEAM THICKNESS 48	Inches	
ACCIDENT INCIDENT RATE 8.3	4 LOST TIME ACCIDENTS 2	
TYPE OF HAULAGE Co	nveyor Belt System	
WVOMHST INSPECTOR Gr	eg Norman 190	
DATE OF LAST INSPECTION No	vember 3, 2006	
NOTIFIED BY Da	rrell Keene	
TIME OF NOTIFICATION10	40 A.M. January 13, 2007 Fred Stinson	
CMSP – ANNIVERSARY DATE	cember 1, 2007	
CMSP – CONTACT PERSON Ch	ris Presley	

#### **Investigation/Interviews**

The following persons were present during the on-site investigation and preliminary interviews conducted January 13, 2007.

# WV Office of Miners' Health, Safety and Training

C. A. Phillips Deputy Director
Fred B. Stinson Inspector-at-Large

Donald L. Dickerson

Dwight McClure

Janice Martin

Greg Norman

Assistant Inspector-at-Large
Roof Control Inspector
District Inspector 84

District Inspector 190

#### Mine Safety and Health Administration

Bob Hardman District Manager
James R. Humphrey Accident Investigator

Dave Fowler Supervisor
John Sylvester Mine Inspector

# Brooks Run Mining Company, LLC

Randy McMillion President
Dave Decker Vice President
Cecil Daniels Mine Manager
Teddy Sharp Superintendent
Vaughn Groves Attorney

Bryan Parent
Ken Perdue
Chris Presley
\*Rick Baugh
Darrell Keene
Darnell Baker

Chief Electrician
Safety Manager
Safety Manager
C Crew Foreman
Maintenance Foreman
Move Crew Supervisor

\*Chris Bowman C Crew Continuous Miner Operator

\*Everett Perry C Crew Continuous Miner Operator/Helper

\*Kevin Hale C Crew Shuttle Car Operator
\*Kenneth Baker C Crew Shuttle Car Operator

\*Randall Chapman C Crew Roof Bolter Operator/S.C. Operator \*Benny Chapman C Crew Roof Bolter Operator/Timberman

\*Jesse Spaulding

\*Cassell Harden

\*Okey Sartin

\*Jeff Stiltner

C Crew Scoop Operator

C Crew Electrician

C Crew Scoop Operator

A Crew Trainee Electrician

<sup>\*</sup>Denotes persons giving a preliminary interview.

The following persons were present during the on-site investigation conducted January 14, 2007, of the accident site on the North section.

# WV Office of Miners' Health, Safety and Training

Terry Farley Administrator of Enforcement

Fred B. Stinson Inspector-at-Large

Donald L. Dickerson

Dwight McClure

Greg Norman

Assistant Inspector-at-Large
Roof Control Inspector
District Inspector 190

# Mine Safety and Health Administration

James R. Humphrey Accident Investigator
Donald Winston Roof Control Inspector

Mike Gauna Tech Support Sandin Phillipson Tech Support

# Brooks Run Mining Company, LLC

Cecil DanielsMine ManagerTeddy SharpSuperintendentKen PerdueSafety Manager

Kenny Tolliver Maintenance Superintendent

Bryan Parent Chief Electrician

Keith Smith Assistance Maintenance Chief

The following persons were present during investigative interviews conducted on January 15, 2007, at the Welch West Virginia Office of Miners' Health, Safety and Training.

# WV Office of Miners' Health, Safety and Training

Ronald L. Wooten Director

Terry Farley Administrator of Enforcement

Fred B. Stinson Inspector-at-Large

Donald L. Dickerson Assistant Inspector-at-Large

Greg Norman District Inspector 190

#### Mine Safety and Health Administration

James R. Humphrey Accident Investigator
Donald Winston Roof Control Inspector

David FowlerSupervisorMike GaunaTech SupportSandin PhillipsonTech Support

# Brooks Run Mining Company, LLC

Randy McMillion President
Dave Decker Vice President
Vaughn Groves Attorney

Van Pardus

Ken Perdue Safety Manager Chris Presley Safety Manager

\*Chris Bowman C Crew Continuous Miner Operator

\*Richard Baugh

\*Kevin Hale

C Crew Section Foreman

C Crew Shuttle Car Operator

\*Everett Perry C Crew Continuous Miner Operator/Helper \*Randall Chapman C Crew Roof Bolter Operator/S.C. Operator \*Benny Chapman C Crew Roof Bolter Operator/Timberman

<sup>\*</sup>Denotes persons giving an interview.

The following persons were present during investigative interviews conducted on January 16, 2007, at the Welch West Virginia Office of Miners' Health, Safety and Training.

# WV Office of Miners' Health, Safety and Training

Terry Farley Administrator of Enforcement

Fred B. Stinson Inspector-at-Large

Donald L. Dickerson

Dwight McClure

Greg Norman

Assistant Inspector-at-Large
Roof Control Inspector
District Inspector 190

# Mine Safety and Health Administration

James R. Humphrey Accident Investigator

## Brooks Run Mining Company, LLC

Randy McMillion President

Dave Decker Vice President

Vaughn Groves Attorney

Ken Perdue Safety Manager

\*Kenneth Baker C Crew Shuttle Car Operator

\*Jeff Stiltner A Crew Trainee Electrician

\*Jeff Stiltner

\*Okey Sartin

\*C Crew Scoop Operator

\*Cassell Harden

\*Jesse Spaulding, Jr.

\*Eustace Perry

\*Tim Pruett

\*C Crew Shuttle Car Operator

C Crew Trainee Electrician

C Crew Electrician

C Crew Timberman

General Mine Foreman

A Crew Foreman

<sup>\*</sup>Denotes Persons giving an interview.

The following persons were present during investigative interviews conducted on January 17, 2007, at the Welch West Virginia Office of Miners' Health, Safety and Training.

## WV Office of Miners' Health, Safety and Training

Terry Farley Administrator of Enforcement
Donald L. Dickerson Assistant Inspector-at-Large
Greg Norman District Inspector 190

# Brooks Run Mining Company, LLC

President Randy McMillion Vaughn Groves Attorney Ken Perdue Safety Manager Mobile Roof Support Operator \*Garnett Sutherland Continuous Miner Operator \*Jerry Grimmett \*David S. Jones **Continuous Miner Operator** Mobile Roof Support Operator \*David L. Triplett \*Stephen L. Dillon Scoop Operator/Timberman \*David A. Horvath Scoop Operator/Timberman

<sup>\*</sup>Denotes persons giving an interview.

The following persons were present during investigative interviews conducted on January 19, 2007, at the Welch West Virginia Office of Miners' Health, Safety and Training.

WV Office of Miners' Health, Safety and Training

Terry Farley Administrator of Enforcement
Donald L. Dickerson Assistant Inspector-at-Large
Greg Norman District Inspector 190

Mine Safety and Health Administration

James R. Humphrey Accident Investigator

Brooks Run Mining Company, LLC

Dave DeckerVice PresidentVaughn GrovesAttorneyKen PerdueSafety Manager\*Joe HudsonA Crew Electrician

\*Mike Wallace
\*Darrell Keene
B Crew Electrician/Mechanic
Assistant Maintenance Foreman

\*Will Cook B Crew Foreman

\*Randy Johnson

\*Clifton Rowe

\*Rick Johnson

B Crew Continuous Miner Operator

B Crew Mobile Roof Support Operator

B Crew Mobile Roof Support Operator

<sup>\*</sup>Denotes persons giving an interview.

The following persons were present during investigative interviews conducted January 22, 2007, at the Alpha Natural Resources Services office in Welch, West Virginia.

# WV Office of Miners' Health, Safety and Training

Terry Farley Administrator of Enforcement
Donald L. Dickerson Assistant Inspector-at-Large
Greg Norman District Inspector 190

# Mine Safety and Health Administration

James R. Humphrey Accident Investigator

David Fowler Supervisor

# Brooks Run Mining Company, LLC

Dave DeckerVice PresidentVaughn GrovesAttorneyKen PerdueSafety Manager\*Eustace PerryMine Foreman\*Teddy SharpSuperintendent

<sup>\*</sup>Denotes persons giving an interview.