U.S. Department of Labor

Mine Safety and Health Administration 604 Cheat Road Morgantown, West Virginia 26508



2005 9-20-20 9-29-5 2002 9-29-5 2005 aw SENT TO AND/OR DISCUSSED WITH FIELD OFFICE:

SURNAME

DATE

9/26/05

REVIEWED BY:

1600

9/20/05

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9/20/05

SEP 2 8 2005

Mr. Jeffrey K. Toler Superintendent Anker WV Mining Company, Inc. Route 9, Box 507 Buckhannon, West Virginia 26201

Dear Mr. Toler:

The request filed September 28, 2005, for a test area as shown on the accompanying map for the ventilation and evaluation of the worked-out area as a result of mining the lower bench of the Middle Kittanning seam of the 2nd Left Mains at the Sago Mine, I.D. No. 46-08791, has been reviewed and is approved. This information will be included in your currently approved mine ventilation plan.

You are reminded that all changes or revisions to the mine ventilation plan, as specified in 30 CFR 75.370(d), must be submitted to and approved in writing by this office before they are implemented.

If you have any questions, please feel free to contact this office.

Sincerely,

Kevin G. Stricklin

Kevin G. Stricklin District Manager

EParrish:aew

bcc:
Bridgeport F/O (2)
W. Ponceroff
E. Parrish
Health Section
Map File

Main File

Anker West Virginina Mining Company

Rt.9 Box 507 Buckbannon, WV 2620 PECTIVED

September 28, 2005

Kevin Stricklin, District Manager C/O Department of Labor, Mine Health and Safety Administration 604 Cheat Road Morgantown, WV 26508 Attn: Tom Hlavsa.

Dear Mr. Stricklin:

Submittal # 2a-2vent/Final.

The following correspondence is concerning amending our Sago Mines, {M.S.H.A. identification number 46-08791} approved ventilation control plan.

These proposed amendments will allow recovery of additional resources, in that the lower bench of the Middle Kittanning seam that is being proposed to be mined. This mining application will apply to the lower coal seam of the 2nd Left Mains at the Sago Mine, I.D.No.46-08791. Please refer the attached drawing (Number 1 Proposed Typical Ventilation Plan), which depicts the proposed ventilation plans for ventilating the area to be mined during the bottom split advancement. We also this time wish to utilize an evaluation point so as not to expose examiners to undue hazards of raised areas and heightened coal ribs. Be advised that we wish to respectfully submit for your review and subsequent approval a bleeder system for a non-pillared worked out area "Please refer to Evaluation Point Designation Plan "so as not to expose examiners to undue hazards of raised areas and heightened coal ribs.

In addition , this amendment will include the "Inactive Bleeder Systems and Non-Pillared Worked Out Areas" of the current approved ventilation control plan .The examiner will place his initials and date at the evaluation point and record the results in a book located outside for that purpose.

Page 2 September 28, 2005

It should noted that the proposed evaluation system is to be used only for a brief period of time as we plan to seal this area following the completion of the bottom split mining.

Please refer to the attached list of "Safety Provisions" that will address in detail safe work procedures for this mining process.

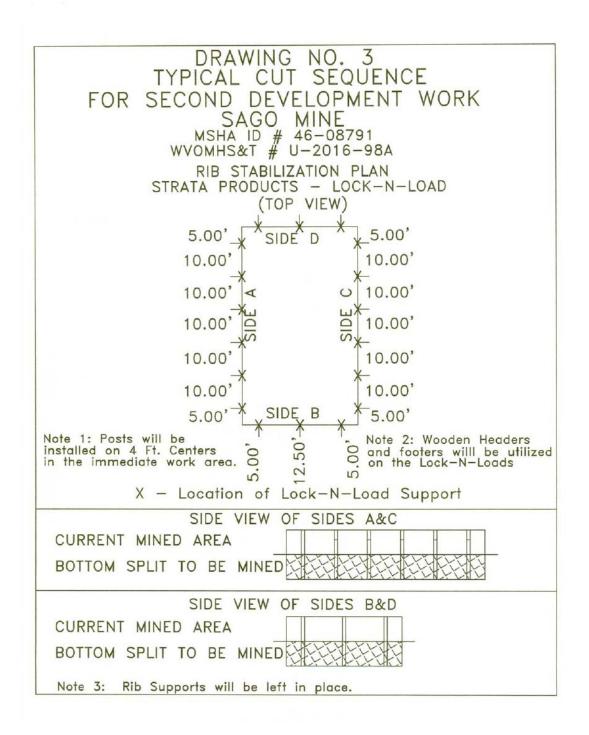
In closing, your prompt review and approval of this proposed amendment will be greatly appreciated. If you have any questions concerning this correspondence please feel free to contact me at 1-304-471-3400.

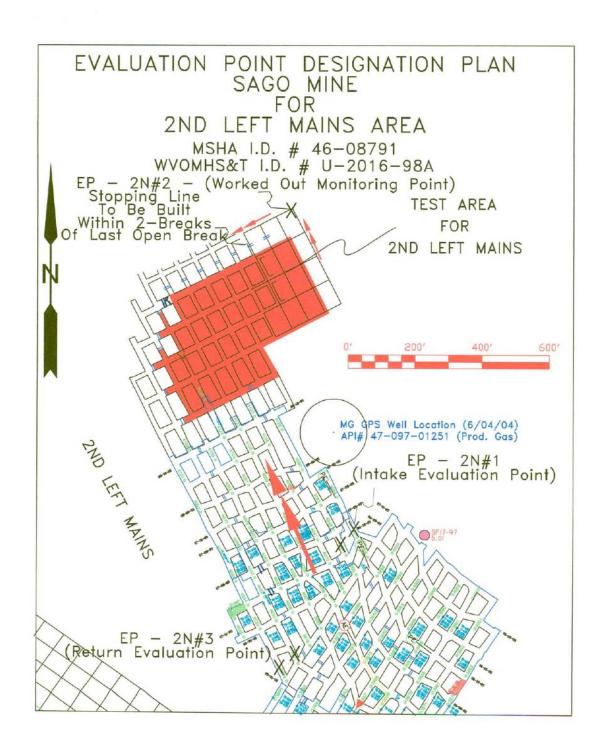
Sincerely,

Al Schoonover

Safety Director

DRAWING NO. 1 PROPOSED TYPICAL VENTILATION PLAN FOR BOTTOM SPLIT MINING SAGO MINE MSHA ID # 46-08791 WVOMHS&T # U-2016-98A Note: This cycle may be repeated, as well as altered due to mining conditions.





Anker WV Mining Company, Inc. Sago Mine Page 8

Bleeder System

A description of the future bleeder system to be used is shown on the mine ventilation map submitted in accordance with 30 CFR § 75.372. The description includes; the bleeder system design, the location of the evaluation points for measurement of methane and oxygen concentrations and for test air quantity and direction, and the location of ventilation devices such as regulators, stoppings, and bleeder connectors used to control air movement through worked out areas.

Active Bleeder Systems:

Certified personnel designated by the operator will travel to the location of evaluation points and measuring points. Bleeder entries will be examined by traveling to the point of furthest penetration from the B.E.P. to check the quality of air. These travels will be made at least every seven days to determine the effectiveness of the bleeder system. The examinations will consist of measurements for methane, oxygen deficiency, air quality and a determination whether the air is flowing in the proper direction. At each underground monitoring point location the name of the monitoring point as well as the direction of the airflow will be identified. The examiner will place his initials and date at the evaluation point and record the results in a book located outside for the purpose. The examiner will notify the Shift or General Foreman immediately of significant changes (reversal of air flow direction, changes of more than 25% in the quantity of air, or more than 1% change in the content of methane or oxygen). If warranted, the Shift or General Mine Foreman will make an investigation into the cause of the changes and take action to correct any hazardous conditions found. This action will be recorded in the appropriate book on the surface.

Bleeder entries will be maintained free of obstructions through the use of: posts and cribs, to control the roof; and through ditches and/or dewatering pumps, to control water.

Prior to intersecting accessible areas such as bleeder entries or other splits of air, precautions will be taken to avoid adversely affecting the mine ventilation such as building stoppings, hanging check curtains, building and/or adjusting regulators.

Inactive Bleeder Systems and Non-Pillared Worked Out Areas:

Certified personnel designated by the operator will travel the perimeter of non-pillared worked out areas at least every seven days, examining for methane, oxygen deficiency, air quantity, air flowing in the proper direction, and hazardous conditions. These measurements shall be made at approved evaluation points and/or measurement point locations. The examiner will place his initials and date at the evaluation point and record the results in a book located outside for the purpose. All approved evaluation point and/or measurement point locations, shall, at all times, be maintained in a safe condition. Any hazardous condition will be recorded in a book located outside for that purpose.

For the purpose of ventilation of structures, area or installations that are required to be ventilated to return air courses, and for ventilation of seals, other air courses designated as return air courses are shown on the mine ventilation map submitted in accordance with 30CFR 75.372.

The location, if different from that submitted on the mine ventilation map, and sequence of construction of proposed seals will be submitted to the District Manager and approved prior to the construction of seals.

Sago Mine I.D. Number 46-08791

Safety Provisions:

Note: The safety provisions listed below will be reviewed with all persons working in the affected area prior to commencing work and record there of made.

- No person will be allowed inby the second mining area so as to eliminate exposure of persons to heightened coal ribs.
- 2. The Shuttle car operator will remain under the protective canopy at all times while inby the second mining area.
 - 3. The Shuttle cars will be equipped with "Back Boards" so as to protect the operator from lateral material falls. (Refer to the Attached Equipment Schematic)

 See 100f control plan June
 - 4. All access points to raised areas created by second mining will be dangered off with yellow ribbon & or equivalent marterial. The ribbon will be affixed from rib to rib. and noted in the pre-shift /on-shift examination book.
 - 5. Tests for methane gas will be conducted prior to the cutting and loading of coal and every 20 minutes there after by remote means. This may be accomplished by utilizing a remote probe or by traveling inby on the upper level parallel and above the area to be mined.
 - 6. In the event mining equipment becomes disabled the ribs will be supported prior to commencing repairs to said piece of equipment. All work will be conducted under the direct supervision of a W.V. certified underground mine foreman.
 - 7. Cable handling will be accomplished via remote means utilizing pull ropes and additional personnel if needed. At no time will persons go inby to accomplish this task unless the coal ribs are supported.
 - 8. The lower level mining entries will not be wider than the upper level.

U.S. Department of Labor

Mine Safety and Health Administration 604 Cheat Road Morgantown, West Virginia 26508



UNDERGROUND MINE FILE
DATE FWD: 10 - 4 -05
INITIALS

OCT 4 2005

Mr. Jeffrey K. Toler Superintendent Anker West Virginia Mining Company, Inc. Route 9, Box 507 Buckhannon, West Virginia 26201

SENT TO AND/OR DISCUSSED WITH FIELD OFFICE.		
DATE		
10/4/5		
Hayes/Satterfield 10/4/05 REVIEWED BY:		
10/4/05		
15/4/5		
10-4-85		
10-4-05		

Dear Mr. Toler:

The request filed October 4, 2005, to extend the test area as shown on the accompanying map for the ventilation and evaluation of the worked-out area as a result of additional mining of the lower bench of the Middle Kittanning seam of the 2nd Left Mains at the Sago Mine, I.D. No. 46-08791, has been reviewed and is approved. This information will be included in your currently approved mine ventilation plan.

You are reminded that all changes or revisions to the mine ventilation plan, as specified in 30 CFR 75.370 (d), must be submitted to and approved in writing by this office before they are implemented.

If you have any questions, please feel free to contact this office.

Sincerely,

Kevin G. Stricklin

Kevin G. Stricklin District Manager

JHayes:si

bcc:
Bridgeport Field Office (2)
W. Ponceroff
J. Hayes
Map File
Main File

Anker West Virginia Mining Company

Rt.9 Box 507 Buckhannon, WV 26201



October 3, 2005

Kevin Stricklin, District Manager C/O Department of Labor, Mine Health and Safety Administration 604 Cheat Road Morgantown, WV 26508 Attn: Tom Hlavsa

Submittal #3.

Dear Mr. Stricklin:

Anker West Virginia Mining Company wishes to amend our September 27, 2005 submittal which allowed our Sago Mine, (MSHA ID # 46-08791), and more specifically our 2nd Left Mains unit, to mine the lower bench of the Middle Kittanning Seam. We wish to modify this plan to allow for additional mining in this area. This additional area is shown on the attached map, and displayed and denoted with hatching.

It should be noted that we will comply with all details and information complied in the September 27, 2005 submittal. It should also be noted that we have moved both the intake, as well as the return monitoring points, EP-2N#1 and EP-2N#3 outby so as to cover the additional area we plan to add.

If you have any questions concerning this correspondence please feel free to contact me at 1-304-471-3300.

Sincerely.

Al Schoonover
Safety Director

Sago Mine MSHA I.D. Number 46-08791; WVOMHS&T ID No. U-2016-98A

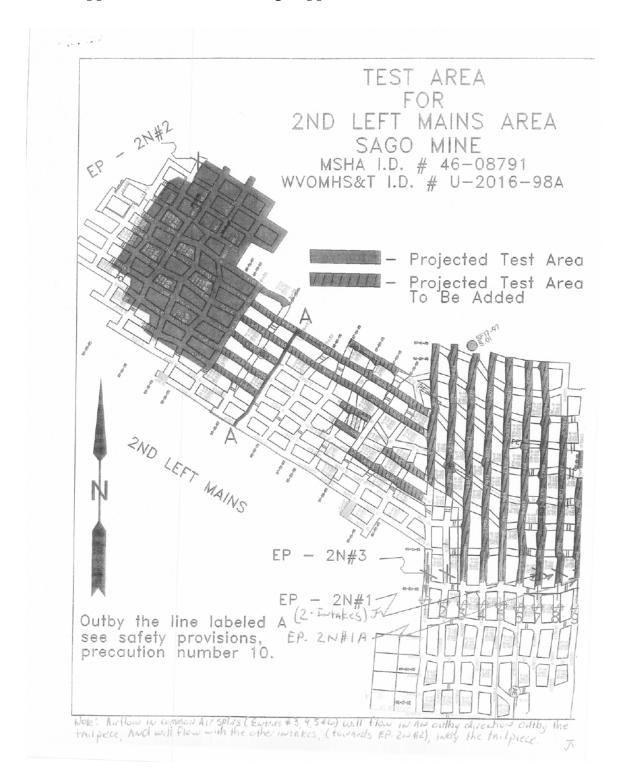
Safety Provisions:

Note: The safety provisions listed below will be reviewed with all persons working in the affected area prior to commencing work and record there of made.

- No person will be allowed inby the second mining area so as to eliminate exposure of persons to heightened coal ribs.
- The shuttle car operator will be remain under the protective canopy at all times while inby the second mining area.
- 3. The Shuttle Car will be equipped with "Back Boards" so as to protect the operator from lateral material falls. (refer to the Attached Equipment Schematic).
- 4. All access points to raised areas created by second mining will be dangered off with yellow ribbon & or equivalent material. The ribbon will be affixed from rib to rib, and noted in the pre-shift/on-shift examination book.
- 5. Tests for methane gas will be conducted prior to cutting and loading of coal and every 20 minutes there after by remote means. This will be accomplished by utilizing a remote probe or by traveling inby on the upper level parallel and above the area to be mined.
- In the event mining equipment becomes disabled the ribs will be supported prior to commencing repairs to said piece of equipment. All work will be conducted under the direct supervisions of a W.V. certified underground mine foreman.
- Cable handling will be accomplished via remote means utilizing pull ropes and additional personnel if needed. At no time will persons go inby to accomplish this task unless the coal ribs are supported.
- 8. The lower level mining entries will not be wider that the upper level.
- Persons will be withdrawn from the immediate area during second advance mining in the event of loose and or overhanging ribs are encountered.
- 10. Outby the line depicted as "A" on the attached map, additional rib/roof support will be added so as to provide additional roof support for the miner operator. This will be accomplished utilizing one of the methods shown below: a). We will position one of our twin-head roof bolter in a crosscut to a point where the ATRS support is set at the junction of the crosscut and entry. Once the ATRS is set the roof bolters operator's canopy, nearest the corner in which the miner operator is going to position himself to operate, will be swung towards the inby corner and rib area. In doing such, this will create a protected area whereby the miner operator can operate the continuous miner from. This support will remain in place until the miner operator has completed the cut and has safely positioned himself in the main entry away, outby from the intersection. b). Either 2, (two), Prop-setter supports or 2, (two) Lock-N-Load Supports will be installed on 5, (five) foot centers, with screen meshing being attached on the inby side. These supports will be installed with wedges being driven from the outby portion of the support towards the inby corner or rib line. By installing these supports in this fashion in conjunction with a removal rope, these supports can be remotely removed by using a scoop to safely remove these devices. Once removed, the rope, which had been previously attached to the sccop can be pulled taught in order to remove these supports to the middle of the intersection where they can be safely recovered.

c). Either the top will be screened to cover an area approximately 4' \times 12', and installed utilizing 4, (four) roof bolts.

Appendix J - Bottom Mining Supplements to the Ventilation Plan



U.S. Department of Labor

Mine Safety and Health Administration 604 Cheat Road Morgantown, West Virginia 26508



SENT TO AND/OR DISCUSSED WITH FIELD OFFIC

REVIEWED BY

TCH

UNDERGROUND LAINE FILE
DATE FAID. 10-21-5
INITIALS GUN

OCT 2 1 2005

Mr. Jeffrey K. Toler Superintendent Anker WV Mining Company, Inc. Route 9, Box 507 Buckhannon, West Virginia 26201

Dear Mr. Toler:

The request filed October 17, 2005, for a test area as shown on the accompanying map for the ventilation and evaluation of the worked-out area as a result of mining the lower bench of the Middle Kittanning coal seam in the A-Panel at the Sago Mine, I.D. No. 46-08791, has been reviewed and is approved. This information will be included in your currently approved mine ventilation plan.

You are reminded that all changes or revisions to the mine ventilation plan, as specified in 30 CFR 75.370(d), must be submitted to and approved in writing by this office before they are implemented.

If you have any questions, please feel free to contact this office.

Sincerely,

Kevin G. Stricklin

Kevin G. Stricklin District Manager

JHayes:aew

bcc:
Bridgeport F/O (2)
W. Ponceroff
E. Parrish
J. Hayes
Health Section
Map File

Main File

Anker West Virginina Mining Company

Rt.9 Box 507 Buckhannon, WV 26201



October 16, 2005

Kevin Stricklin, District Manager C/O Department of Labor, Mine Health and Safety Administration 604 Cheat Road Morgantown, WV 26508 Attn: Nelson Blake, Tom Hlavsa. Submittal #1.

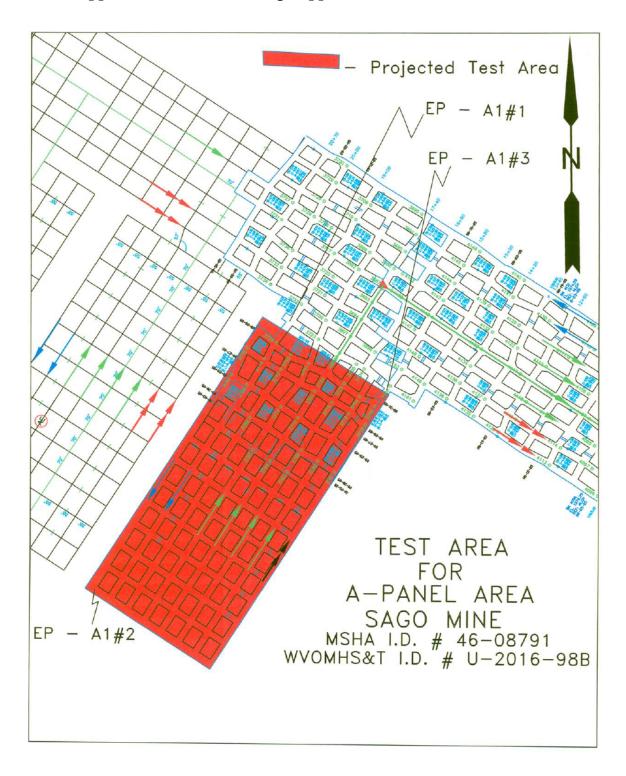
Dear Mr. Stricklin:

The following correspondence is concerning the second mining of our Sago Mine, {M.S.H.A. identification number 46-08791 & State I.D. # U-2016-98A}. We wish to respectfully request that a Test Area be approved for the A-Panel area of the Sago Mine for second mining of the lower bench of the Middle Kittanning Seam for both the entries and cross-cuts alike .Refer to attachment labeled {Projected Test Area} which shows proposed ventilation circuits and evaluation points. For your information I have attached a detailed cut sequence map that will eliminate exposure of persons to heightened areas. A list of the safety precautions that have been successfully utilized in previously mined areas has been included that will be in effect during this application.

All previously approved submittals concerning this mining application will still be in effect for this mining application.

In closing, your prompt review and approval of this request will be greatly appreciated by this department. If you have any questions concerning this correspondence please feel free to contact me at 1-304-471-3442.

Appendix J - Bottom Mining Supplements to the Ventilation Plan



Sago Mine MSHA I.D. Number 46-08791; WVOMHS&T ID No. U-2016-98B

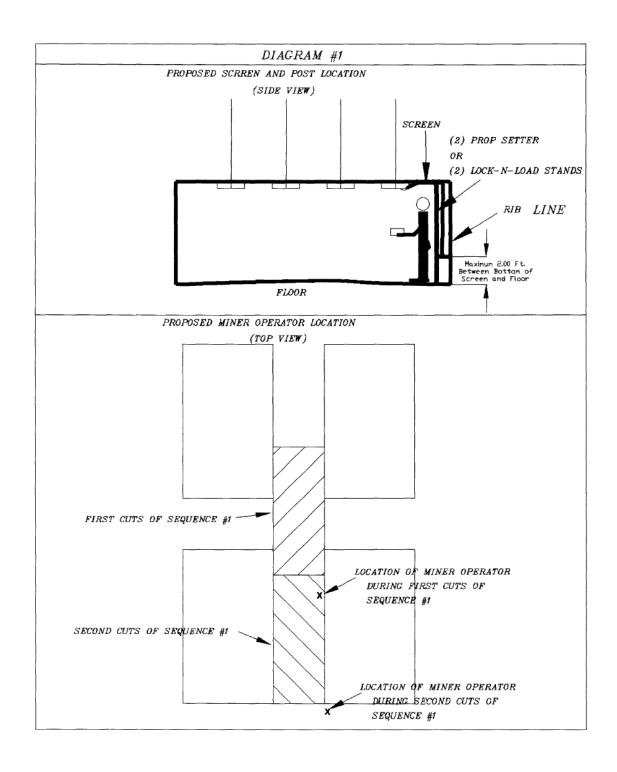
Safety Provisions:

Note: The safety provisions listed below will be reviewed with all persons working in the affected area prior to commencing work and record there of made.

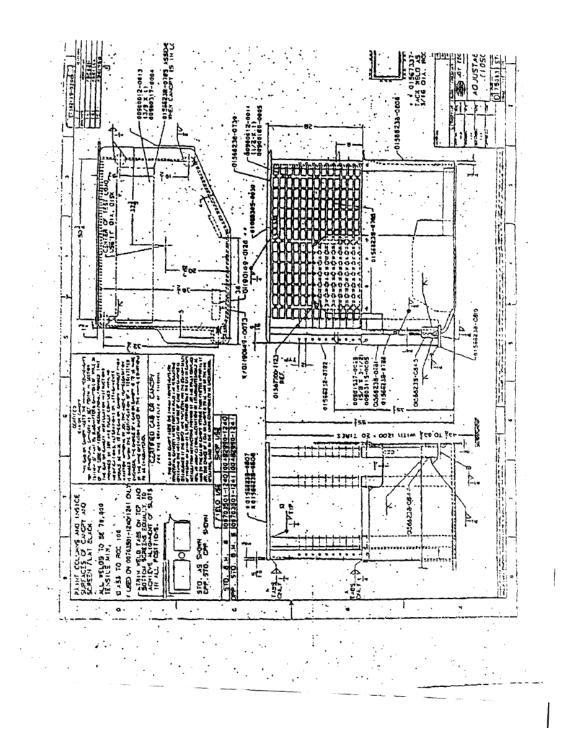
- No person will be allowed inby the second mining area so as to eliminate exposure of persons to heightened coal ribs.
- The shuttle car operator will be remain under the protective canopy at all times while inby the second mining area.
- The Shuttle Car will be equipped with "Back Boards" so as to protect the operator from lateral material falls. (refer to the Attached Equipment Schematic).
- 4. All access points to raised areas created by second mining will be dangered off with yellow ribbon & or equivalent material. The ribbon will be affixed from rib to rib, and noted in the pre-shift/on-shift examination book.
- 5. Tests for methane gas will be conducted prior to cutting and loading of coal and every 20 minutes there after by remote means. This will be accomplished by utilizing a remote probe or by traveling inby on the upper level parallel and above the area to be mined.
- 6. In the event mining equipment becomes disabled the ribs will be supported prior to commencing repairs to said piece of equipment. All work will be conducted under the direct supervisions of a W.V. certified underground mine foreman.
- Cable handling will be accomplished via remote means utilizing pull ropes and additional personnel if needed. At no time will persons go inby to accomplish this task unless the coal ribs are supported.
- The lower level mining entries will not be wider that the upper level.
- Persons will be withdrawn from the immediate area during second advance mining in the event of loose and or overhanging ribs are encountered.
- 10. Outby the line depicted as "A" on the attached map, additional rib/roof support will be added so as to provide additional roof support for the miner operator. This will be accomplished utilizing one of the methods shown below: a). We will position one of our twin-head roof bolter in a crosscut to a point where the ATRS support is set at the junction of the crosscut and entry. Once the ATRS is set the roof bolters operator's canopy, nearest the corner in which the miner operator is going to position himself to operate, will be swung towards the inby corner and rib area. In doing such, this will create a protected area whereby the miner operator can operate the continuous miner from. This support will remain in place until the miner operator has completed the cut and has safely positioned himself in the main entry away, outby from the intersection. b). Either 2, (two), Prop-setter supports or 2, (two) Lock-N-Load Supports will be installed on no more than 5, (five) foot centers, with screen meshing being attached on the inby side. These supports will be installed with wedges being driven from the outby portion of the support towards the inby corner or rib line. By installing these supports in this fashion in conjunction with a removal rope, these supports can be remotely removed by using a scoop to safely remove these devices. Once removed, the rope, which had been previously attached to the scoop can be pulled taught in order to remove these supports to the middle of the intersection where they can be safely recovered.

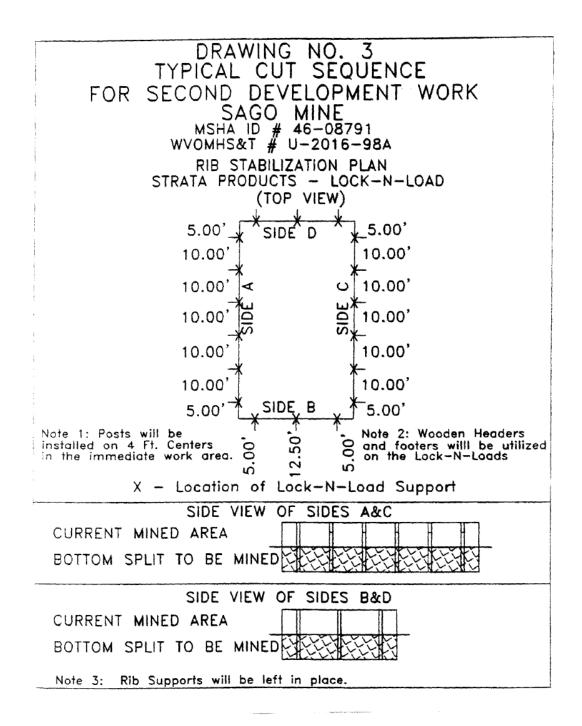
- c). Either the top will be screened to cover an area approximately 4' X 12', and installed utilizing a minimum of 4, (four ft.)roof bolts.
- 11. During the first cuts of Sequence #1, (See Diagram #1), the continuous miner operator can be positioned inby the corner of Sequence #1, provided the following measures have taken place:
 - Prior to starting the first cuts a screen must be attached to at least two roof bolts along the row of roof bolts located closest to the right hand rib.
 Attachment can be by means of running a cable hanger through the screen and connect it to the hanger loop in the roof bolt plate.
 - Once this is completed, either two Prop-Setter Supports or two Lock-N-Load supports will be installed as close as possible to the rib and underneath the screen. By installing these supports in this fashion the screen will be forced to the top, as well as towards the rib line.
 - After the above actions have been completed the continuous miner operator can be taking the first cuts from Sequence #1.
 - · Removal of the screen and posts will occur as follows:
 - First the cable hooks will be unhooked from the roof bolt plates; then,
 - We will follow the removal action described in Item #10 above, with the
 exception that continuous miner may also be used to remotely remove the
 temporary supports.

Appendix J - Bottom Mining Supplements to the Ventilation Plan



Appendix J - Bottom Mining Supplements to the Ventilation Plan





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LIST OF PRODUCTS
AND SERVICES AVAILABLE IN:





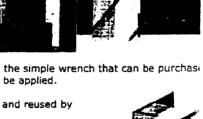








- Adjustable without any cutting of the timber and is available to fit mining heights from 3 feet to 16 feet (1m to 5m).
- Available in different lengths and capacities of either 5, 8 or 20 tons.
- · Can be installed by one person and may be preloaded using the simple wrench that can be purchase unit. 2500 lbs(11kN) of preload can be applied.
- The Lock-N-Load™ can be removed and reused by releasing the clamps.
- · The Lock-N-Load can be packaged with conventional cap blocks and header boards. In addition, various steel fittings are available to tie into steel or wooden beams.
- The Lock-N-Load can be applied in place of steel jacks, water props, or posts as either a temporary or permanent support. It can also be used as formwork for stoppings, seals, barricades and ventilation curtains.



THEAD CHANI For use in tring into a stee beam or stringe

Note: The non-yielding Lock-N-Load is not classified as a roof support unde. 30.

LOCK-N-LOAD SPECIFICATIONS 5 TON SUPPORT CAPACITY

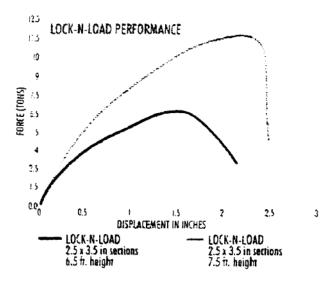
Part #	Closed Height	Open Height	Weight
Lock 5/3-5	3 ft.	5 ft.	19 lbs.
Lock 5/4-6	4 ft.	6 ft.	24 lbs.
Lock 5/5-7	5 ft.	7 ft.	28 lbs.
Lock 5/6-8	6 ft.	8 ft.	33 lbs.

LOCK-N-LOAD SPECIFICATIONS 8 TON SUPPORT CAPACITY

Part #	Closed Height	Open Height	Weight
Lock 8/3-5	3 ft.	5 ft.	26 lbs.
Lock 8/4-6	4 ft.	6 ft.	32 lbs.
Lock 8/5-7	5 ft.	7 ft.	39 lbs.
Lock 8/6-8	6 ft.	8 ft.	45 lbs.
Lock 8/7-9	7 ft.	9 ft.	52 lbs.
Lock 8/8-10	8 ft.	10 ft.	58 lbs.
Lock 8/10-12	10 ft.	12 ft.	71 lbs.

LOCK-N-LOAD SPECIFICATIONS 20 TON SUPPORT CAPACITY

Part #	Closed Height	Open Height	Weight
Lock 20/3-5	3 ft.	5 ft.	54 lbs.
Lock 20/4-6	4 ft.	6 ft.	67 lbs.
Lock 20/5-7	5 ft.	7 ft.	80 lbs.
Lock 20/6-8	6 ft.	8 ft.	93 lbs.
Lock 20/7-9	7 ft.	9 ft.	106 lbs.
Lock 20/8-10	8 ft.	10 ft.	118 lbs.
Lock 20/9-11	9 ft.	11 ft.	131 lbs.
Lock 20/10-12	10 ft.	12 ft.	144 lbs.



Download Adobe pdf file of Lock-N-Load product sheet.

Strata Products USA Home | Strata Mine Services | Request MoreInformation | News & Articl

U.S. Department of Labor

Mine Safety and Health Administration 604 Cheat Road Morgantown, West Virginia 26508

UNDERGROUND MINE FE. DATE FWD. 12-19-5

INITIALS



DEC 1 9 2005

Mr. Jeffrey K. Toler Superintendent Anker West Virginia Mining Company, Inc. Route 9, Box 507 Buckhannon, West Virginia 26201

SENT TO AND/OR DISCUSS	ED WITH FIELD OFF	
SURNAME	12-8-2000	
Harrel Tenny	12-8-2000	
REVIEWED BY:		
Parne	12/14/05	
Veseron	12/13/05	
Samer	12-13-05	
Maslin	12-14-0	
7		

Dear Mr. Toler:

The request filed December 1, 2005, for a test area as shown in red on the accompanying map for the ventilation, evaluation to mine the lower bench of the Middle Kittanning seam and future seal locations of the A-2 Panel at the Sago Mine, I.D. No. 46-08791, has been reviewed and is approved. This information will be included in your currently approved mine ventilation plan.

You are reminded that all changes or revisions to the mine ventilation plan, as specified in 30 CFR 75.370 (d), must be submitted to and approved in writing by this office before they are implemented.

If you have any questions, please feel free to contact this office.

Sincerely,

Kevin G. Stricklin

Kevin G. Stricklin District Manager

EParrish:si

bcc:
Bridgeport Field Office (2)
W. Ponceroff
E. Parrish
Health Group
Map File

Main File

ANKER WEST VIRGINIA
MINING COMPANY

RT. 9 BOX 507

BUCKHANNON, WV 26201

2005 DEC - 1 PM 1: 40 13-1-05

November 30, 2005

Mr. Kevin Stricklin MSHA 604 Cheat Road Morgantown, WV 26508

Dear Mr. Stricklin:

The following correspondence is concerning the second mining of our Sago Mine, (MSHA I. D. No. 46-08791 & State I. D. No. U-2016-98B). We wish to respectfully submit an amendment to our current approved ventilation and roof control plans for the A2-Panel area of the Sago Mine for second mining of the lower bench of the Middle Kittanning Seam for both the entries and cross-cuts alike. Refer to attachment labeled (Projected Area) which shows proposed ventilation circuits and evaluation points and future seal locations once the panel is abandoned. Note: In the set of seals labeled 1 through 5, seals 1 and 5 will be built last, and in the set of seals labeled 6 through 10, seals 6 and 10 will be built last. For your information I have attached a detailed cut sequence map that will eliminate exposure of persons to heightened areas. A list of the safety precautions that have been successfully utilized in previously mined areas has been included that will be in effect during this application.

All previously approved submittals concerning this mining application will still be in effect for this mining application.

In closing, your prompt review and approval of this request will be greatly appreciated by this department. If you have any questions concerning this correspondence please feel free to contact me at 1-304-471-3303.

John B. Stemple Jr.

Assistant Director of Safety And Employee Development

Appendix J - Bottom Mining Supplements to the Ventilation Plan

