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? WATER ?

200' Barrier

200' Barrier

200' Barrier

200' Barrier

200' Test Drill Line

200' Test Drill Line

200' Test Drill Line

200' Test Drill Line

200' Test Drill Line

Asbury Cem

Bailey Cem

MILL HOLLOW MINE NR-201

No. 4 Headgate (5 West)

No. 8 Headgate (8 West)

SEALS

SEALS

SEALS

RALEIGH-WYOMING
NO. 1 MINE
EAGLE SEAM
INACTIVE

PERFORMANCE COAL COMPANY
P.O. BOX 99, NACMA, WV 25140

UPPER BIG BRANCH MINE

PREPARED BY R-3 ENGINEERING

Annual Ventilaton Map

M.S.H.A. ID No. 46-08436 | WV ID No. U-3042-95

13-31-04 | SCALE: 1"=600' | DWG No.: 1 of 1

DRAWN BY: R. S Staff | CHECKED BY: MM

LAT:37°52'20"
LON:81°31'46"

NOTES:
OPERATORS RESPONSIBILITIES

AIR QUALITY AND QUANTITY VALUES AND VENTILATION CONTROLS INDICATED ON THIS MAP WERE MEASURED BY A CERTIFIED MINE FOREMAN AND SURVEYED BY THE OPERATOR.

ENGINEERS STATEMENT

PREVIOUS MAPPING WAS DONE UNDER THE SUPERVISION OF OTHER REGISTERED ENGINEERS. THE INFORMATION PERTAINING TO THE OPERATORS RESPONSIBILITIES HAS BEEN SUPPLIED BY OTHER PERSONS NOT UNDER MY SUPERVISION BUT WHO ARE CERTIFIED ACCORDING TO THE LAWS AND REGULATIONS OF THIS STATE.

LESSORS = SOUTH CAMDEN/BOW
BOWLAND LAND COMPANY
BERNING LAND COMPANY
APPALACHIAN MOUNTAIN LAND COMPANY
COLE & EDMUNDS
FEDERAL COAL

NO OIL WELLS WITHIN MINING LIMITS.
NO UNDER MINING.

MINING ABOVE - POWELLTON SEAM - APPROX. 1197 ABOVE
CEDAR GROVE SEAM - APPROX. 497 ABOVE
HERNSHAW SEAM - APPROX. 397 ABOVE
CHILTON SEAM - APPROX. 297 ABOVE
COALBURG SEAM - APPROX. 197 ABOVE
E-BLOCK SEAM - APPROX. 107F ABOVE

OVERLAYS SUBMITTED WITH ORIGINAL PLAN.

FAN INFORMATION (NORTH PORTAL)

SIZE & TYPE	10' BLOWING
MAKE	JOY
MODEL	1200SD
SERIAL NO.	MFA115
HORSEPOWER	1000
RPM	890
VOLTAGE	4160
AMPS (RATED)	133
BLADE SETTING	4
WATER GAUGE	5.9"
% METHANE	0%

FAN INFORMATION (#2 FAN (JARRELLS BRANCH SHAFT))

SIZE & TYPE	8' EXHAUSTING
MAKE	JEFFERY
MODEL	BHJA 88
SERIAL NO.	UNKNOWN
HORSEPOWER	1200
RPM	1190
VOLTAGE	4160
AMPS (RATED)	
BLADE SETTING	
WATER GAUGE	8.4"
% METHANE	0%

Eagle
Seam Of Coal

NOTE:
Coal seam originated from USGS benchmark 217 a brass disc 3.5 miles South of Sandstone, at the NW corner and top face of Sandstone & One-converter Culvert

MINE LOCATION

Nearest Railroad- Installed 2.0 miles to the N.E.
Nearest Highway- State Route 3 located 2 miles to N.E.

GEODETIC POSITION		PLANE GRID	
LATITUDE	37°59'00"	STATE	WV
LONGITUDE	81°33'00"	ZONE	SOUTH
QUADRANGLE	Wilkeslle	County	Raleigh
SERIES	7.5'		NAD 27

STATION No.	Latitude	Longitude	Elevation
MP-1	324,875.000	1,851,115.000	1177.00
MP-2	324,875.000	1,851,115.000	1177.00
MS-5A	333,181.781	1,841,555.481	1099.30

Denotes areas posted by mine foremen information

MAP SYMBOLS

INTAKE AIR
RECONCAY INTAKE AIR
RETURN AIR
PRIMARY ESCAPEWAY
ALTERNATE ESCAPEWAY
PROPOSED BELT
EXISTING BELT
PROPERTY LINES
200' TEST DRILL LINE
100' COVER BOUNDARY
APPROVED MINE LIMITS
TRACK
R/M DOOR
BOX CHECK
ACTIVE OR INACTIVE GAS WELL
PLUGGED GAS WELL
OIL WELL
ABANDONED OIL WELL
PERMANENT STOPPINGS
PROPOSED STOPPINGS
AUGER HOLES
AUGER AREA
CHECK CURTAIN
PROPOSED SEALS
RAILROAD
POWER LINES
FAN
SEALS
PROPOSED BELT HEAD
BELT HEAD
OVERCAST
AIRLOCK DOOR
REGULATOR
ADJACENT MINING
COAL CONTOURS
WATER
STREAM
INTERMITTENT STREAM
PERMANENT CONTROL MONUMENTS
ROADS
TRAILS
GAS LINES
CORE HOLE
BOREHOLE PRIMARY ESCAPE
BOREHOLE ALTERNATE ESCAPE

LOCATION MAP
GENERAL HIGHWAY MAP OF MARSH FORK DISTRICT, RALEIGH COUNTY, WV. SHEET 1 OF 4, SCALE 1 INCH = 1 MILE, DATE JAN. 1, 2000., WHITESVILLE,DOROTHY, USGS QUADRANGLES, U.S. MIN. SERIES U-3042-95

I, the undersigned, hereby certify that the ventilation controls depicted on this map were surveyed as of 3-30-05

Date

I, The undersigned, hereby "CERTIFY" that the map is correct and true to the best of my knowledge and belief, and that it was prepared according to the laws of this state, and rules and regulations promulgated thereunder.

12-31-04

Date

The term "CERTIFY" as used herein, is defined as follows: to attest to the truth, accuracy, correctness, or validity of; professional judgment. It does not constitute a warranty or guarantee, either expressed or implied, nor does it relieve any person of any duty, obligation, or liability imposed by statutes, laws, rules, standards, regulations, and ordinances".

STATE OF WEST VIRGINIA
15406
LICENSED PROFESSIONAL ENGINEER