



WV-RAL-00035P/720 (E.A.E.C.)
1051.22
PLUGGED

426
924.987
Active

ESTIMATED AIR READINGS AFTER REV.
1 - 30,000 CFM
2 - 8,500 CFM
3 - 42,000 CFM
4 - 200,000 CFM
5 - 4,000 CFM

AIR READINGS
1 - 41,440 CFM
2 - 6,510 CFM
3 - 25,200 CFM
4 - 177,960 CFM
5 - 4,040 CFM

Before Revision
8,600 CFM EST.
After Revision
70,000 CFM EST.

Prior to Revision
MMU-060-0 RIGHT
LOB = 51,300 CFM
MMU-061-0 LEFT
LOB = 41,040 CFM
After Revision
MMU-060-0 RIGHT
LOB = 30,000 CFM Est.
MMU-061-0 LEFT
LOB = 20,000 CFM Est.

AIR READINGS
1 - 43,610 CFM
2 - 28,000 CFM
3 - 59,420 CFM
4 - 48,520 CFM

ESTIMATED AIR READINGS AFTER REV.
1 - 50,000 CFM
2 - 40,000 CFM
3 - 70,000 CFM
4 - 30,000 CFM

DARFA

PROPOSED FAN INFORMATION	
MODEL	- AHU
LOCATION	- No. 4 ENTRY
MANUFACTURER	- Jeffrey
TYPE	- BLOWING
	W / ADJUSTABLE BLADES
SIZE	- 8'
SPEED	- 1250 RPM
WATER GAUGE	- 1.0" EST.
QUANTITY	- 200,000 CFM Est.
BLADE SETTING	- No. 1
HORSEPOWER/PHASE	- 1250hp/3Phase, 60cycle
VOLTAGE	- 4160 Volt
AMP. RATING	- 348 FLA/ 65 A

	INTAKE AIR		BOX CHECK		FAN		ADJACENT MINING
	SECONDARY INTAKE AIR		ACTIVE OR INACTIVE GAS WELL		SEALS		GAS LINES
	RETURN AIR		PLUGGED GAS WELL		PROPOSED BELT HEAD		CORE HOLE
	ROADS		PROPOSED GAS WELL		BELT HEAD		PROPOSED PRIMARY ESCAPEWAY
	PRIMARY ESCAPEWAY		PERMANENT STOPPINGS		OVERCAST		PROPOSED ALTERNATE ESCAPEWAY
	ALTERNATE ESCAPEWAY		PROPOSED STOPPING		PROPOSED OVERCAST		200' TEST DRILL LINE
	PROPOSED BELT		BOX CHECK		AIRLOCK DOOR		100' COVER BOUNDARY
	EXISTING BELT		CONTROL TO BE REMOVED		R		APPROVED MINE LIMITS
	PROPERTY LINES		CO MONITOR		R		COAL CONTOURS
	TRACK		CHECK CURTAIN		WATER		STREAM
	MAN DOOR		PROPOSED SEALS		STREAM		INTERMITTENT STREAM
	RAILROAD		PERMANENT CONTROL MONUMENTS		STREAM		INTERMITTENT STREAM
	POWER LINES						

PREPARED BY
RT3 ENGINEERING

PERFORMANCE COAL COMPANY
P.O. BOX 69, NAOMA, WV 25140

UPPER BIG BRANCH MINE

M.S.H.A. ID No. 46-08436 WV ID No. U-3042-92

DATE: 12-15-08 SCALE: 1"=400' DWG No. 1 of 1

DRAWN BY: Rt. 3 Staff CHECKED BY: MW

0' 400' 800' 1200'

Ventilation to Add #4 Section