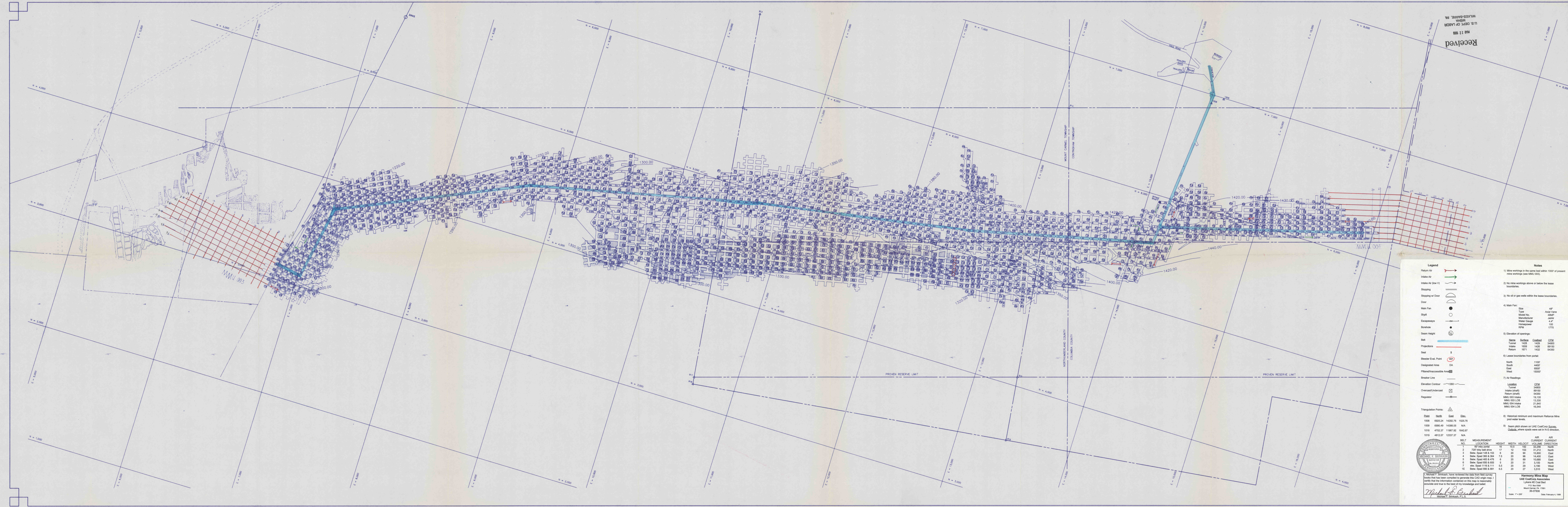


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- Legend**
- Return Air
 - Intake Air
 - Intake Air (low V)
 - Stoppage
 - Stoppage w/ Door
 - Door
 - Main Fan
 - Shaft
 - Escapeways
 - Borehole
 - Seam Height
 - Belt
 - Seal
 - Projections
 - Bleeder Eval. Point
 - Designated Area
 - Pillared/Inaccessible Area
 - Breaker Line
 - Elevation Contour
 - Overcast/Undercast
 - Regulator

- Notes**
- 1) Mine workings in the same belt within 1000' of present mine workings (see MAJ 003).
 - 2) No mine workings above or below the lease boundaries.
 - 3) No of or gas wells within the lease boundaries.
 - 4) Main Fan:

Type	Size	Model No.	Water Gauge	Horsepower
48"	48"	48MP	4.4"	100
48"	48"	48MP	4.4"	1775
 - 5) Elevation of openings:

Name	Surface	Coalbed	CEM
Tunnel	1420	1420	3480
Intake	1420	1420	89150
Return	1421	1432	54350
 - 6) Lease boundaries from portal:

North	South	East	West
1100'	4400'	6000'	15000'
 - 7) Air Readings:

Location	CEM
Tunnel	3480
Intake (portal)	89150
Return (shaft)	54350
MAJ 003 Intake	19135
MAJ 003 LTB	13330
MAJ 004 Intake	21840
MAJ 004 LTB	16560
 - 8) Historical minimum and maximum Reliance Mine pool water levels.
 - 9) Seam pitch shown on UAC CoalCorp. Success. Output when spade were set in N-S direction.

Triangulation Points:

Point	North	East	Elev.
1008	6925.24	14292.78	1525.79
1009	6920.49	14288.05	N/A
1018	4782.37	11987.52	1642.67
1019	4812.57	12237.37	N/A

MEASUREMENT

NO.	LOCATION	HEIGHT	WIND	VELOCITY	AIR CURRENT	AIR VOLUME	DIRECTION
1	80' Rely portal	18	10	10	32.56	North	
2	700' Rely well drive	17	12	103	31.212	North	
3	Belt Spd 418 & 153	20	90	10,800	East		
4	Belt Spd 360 & 364	7.5	20	96	14,400	East	
5	Belt Spd 418 & 478	8	20	89	10,800	East	
6	Belt Spd 850 & 859	5	20	31	3,100	North	
7	Belt Spd 1118 & 111	5.5	20	29	3,190	West	
1E	Belt Spd 850 & 891	6.5	20	27	3,510	West	

I, Michael F. Brennan, have reviewed the data from field survey books that has been compiled to generate this CAD origin map. I certify that the information contained on this map is reasonably accurate and true to the best of my knowledge and belief.

Michael F. Brennan
Michael F. Brennan, P.L.S.

Harmony Mine Map
UAC CoalCorp Associates
P.O. Box 100
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35-07838
Date: February 4, 1988