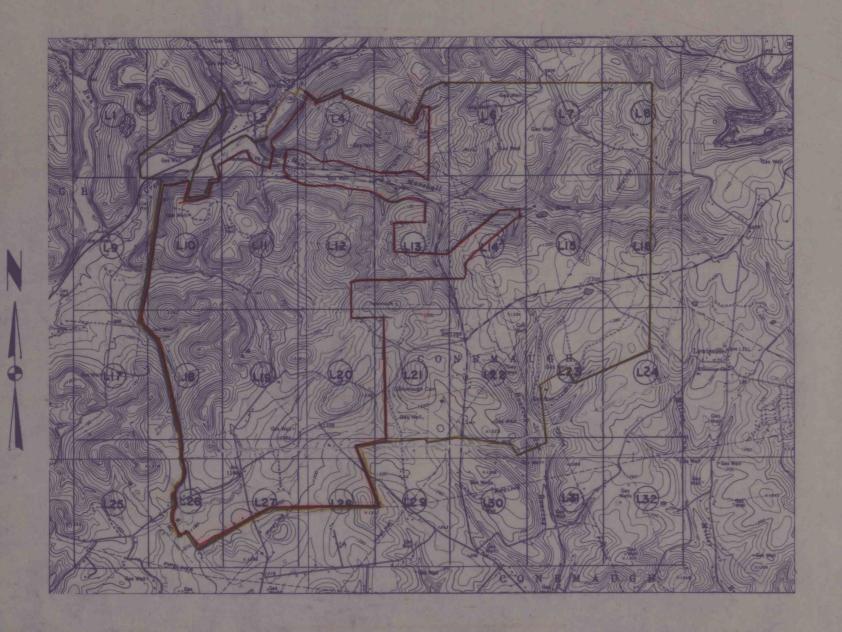
SUBSIDENCE PERMIT BOUNDARY

INDEX FOR I" = 100' MAPS

AVONMORE, BLAIRSVILLE, SALTSBURG & MCINTYRE USGS QUADANGLES

> = MAPS SUBMITTED SCALE 1" = 2000'



HELVETIA COAL COMPANY LUCERNE NO.9 MINE PERMIT NO. 32841317 LOWER FREEPORT (D-SEAM) CONEMAUGH TOWNSHIP

INDIANA COUNTY, PENNA. MSHA I.D. 36-05374 POSTING DATE 12-30-94



PREPARED BY MICHAEL P. KEITH

MAPS DEPICT CONTEMPLATED MINING

FROM _____, 19___

FINAL MINE MAP

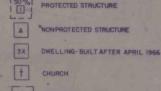
TO_____,19______12-30-94

LEGEND FOR MAP SYMBOLS

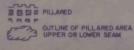
(1)	ACTIVE GAS WELL
0	INACTIVE GAS WELL
•	WATER WELL
*	SPRING
0	POND
	FLOW , MEASUREMENT POINT
-	STREAM-PERENNIAL
4 177	STREAM-INTERMITTENT
	PIPELINE OR UNDERGROUND CABLE (SIZE, OIL, OR GAS AS LABELED)
	PROPERTY LINE
·	POWER LINE
_1050-	COAL CONTOUR LINE
111	NO COAL ZONE
11 11 11	4
-100 COVE	100' COVER LINE
7	6 MONTH SUBSIDENCE LINE (CONTEMPLATED MINING B DATE)
•	BOUNDARY OF OPERATION .
4 3000	MINE SUBSIDENCE PERMIT
-	DON'T OWN
LR 32014	STATE ROAD

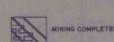
T646	TOWNSHIP ROAD
1	BRIDGE
75	CULVERT
1234X	ELEVATIONS-ROAD
1170	ELEVATIONS-STREAM
	RAILROAD TRACKS
^ □	UNDITONITAL OF VET





SIDENCE LINE TED MINING B DATE)	. []
OPERATION	ļ
N.	N.





ME MINE EXAMINERS POINT

NOTE: FIRST MINING INDICATES NO PILLAR REMOVAL