

THE FLORENCE MINING COMPANY
ENGINEERING / ENVIRONMENTAL COMPLIANCE DEPARTMENT

Operation: ROBINSON No. 1 MINE	Permit No: 3284/319
Township: EAST / WEST WHEATFIELD	County: INDIANA
Coal Seam: LOWER KITTANNING	Geologic Group: ALLEGHENY

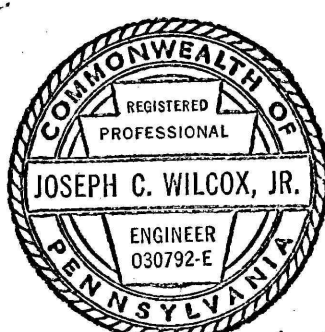
REPERMITTING APPLICATION
EXHIBIT A
MINE DEVELOPMENT MAP

Date	Revisions	Approved By	Date	Scale: 1"=400'
3-10-86				
5-7-86				
8-19-86				
11-16-87				

Drawn By: **M.J.C.**

Approved by / Date:

Drawing No: **1 of 5**



LEGEND

① INACTIVE GAS WELL	PERMIT BOUNDARY	BRIDGE
② ACTIVE GAS WELL	SUBSIDENCE CONTROL PLAN BOUNDARY	CULVERT
③ WATER WELL	NO MINING ZONE	ROAD W.
④ SPRING	DEPTH OF COVER LINE	RAILROAD TRACKS
⑤ POND/IMPONDAINT	PROTECT DEEP AND SURFACE MINING	SEAL
⑥ FLOW MEASUREMENT POINT	PROTECTED AREA - SUBSIDENCE 125' ANGLE OF DRAWS	SWAMPWATCH
⑦ PERENNIAL STREAM	MINNE OPENINGS TO BE SEALED	STRAIGHT
⑧ INTERMITTENT STREAM	DIAMOND (DOWN) OR AIR	DITCH
⑨ FUEL/STORAGE CABLE	CATCH DRILL HOLE	CONSTRUCTED
⑩ PROPERTY LINE	PROTECTED STRUCTURE	ENHANCEMENT
⑪ POWER LINE (500 KVA or higher)	NONPROTECTED STRUCTURE	TOE OF SPOIL BANK
⑫ COAL CONTOUR LINE	SHIELDING BUILT AFTER APRIL 1988	OR COAL REFUSE PILE
⑬ CRUISE	BACKGROUND GROUNDWATER SAMPLE PT.	PILLARED
⑭ FAULT OF LOW COAL LINE	EXIST. GROUNDWATER MONITORING PT.	CHURCH
⑮ 100' PERIMETER LINE	PROP. GROUNDWATER MONITORING PT.	CEMETERY
⑯ STATE ROAD	BACKGROUND SURFACE SAMPLE PT.	(NAME) - DRILL, COAL OWNER
⑰ TOWNSHIP ROAD	SURFACE WATER MONITORING PT.	NAME - SURFACE OWNER
⑱ UNIMPROVED ROAD	PUBLIC WATER SUPPLY	
	CURRENT MARKS	

1. THERE ARE NO IMPROVEMENTS EXCEEDING 20 ACRES. (SEE NOTES)

2. SURFACE PROPERTY LINES ARE SHOWN BY COUNTY TAX ASSESSMENT MAPS AND ARE NOT BASED ON ACTUAL SURVEY.

3. ALL COAL TO BE MINED IS OWNED OR LEASED BY THE FLORENCE MINING COMPANY EXCEPT AS NOTED.

4. NO AREA HAS BEEN DESIGNATED UNDESIRABLE FOR MINING.

5. NO MAJOR ROADS HAVE BEEN IDENTIFIED.

6. THERE ARE NO LANDSLIDE AREAS NEAR THE AREAS TO BE AFFECTED BY SURFACE OPERATIONS AND FACILITIES.

