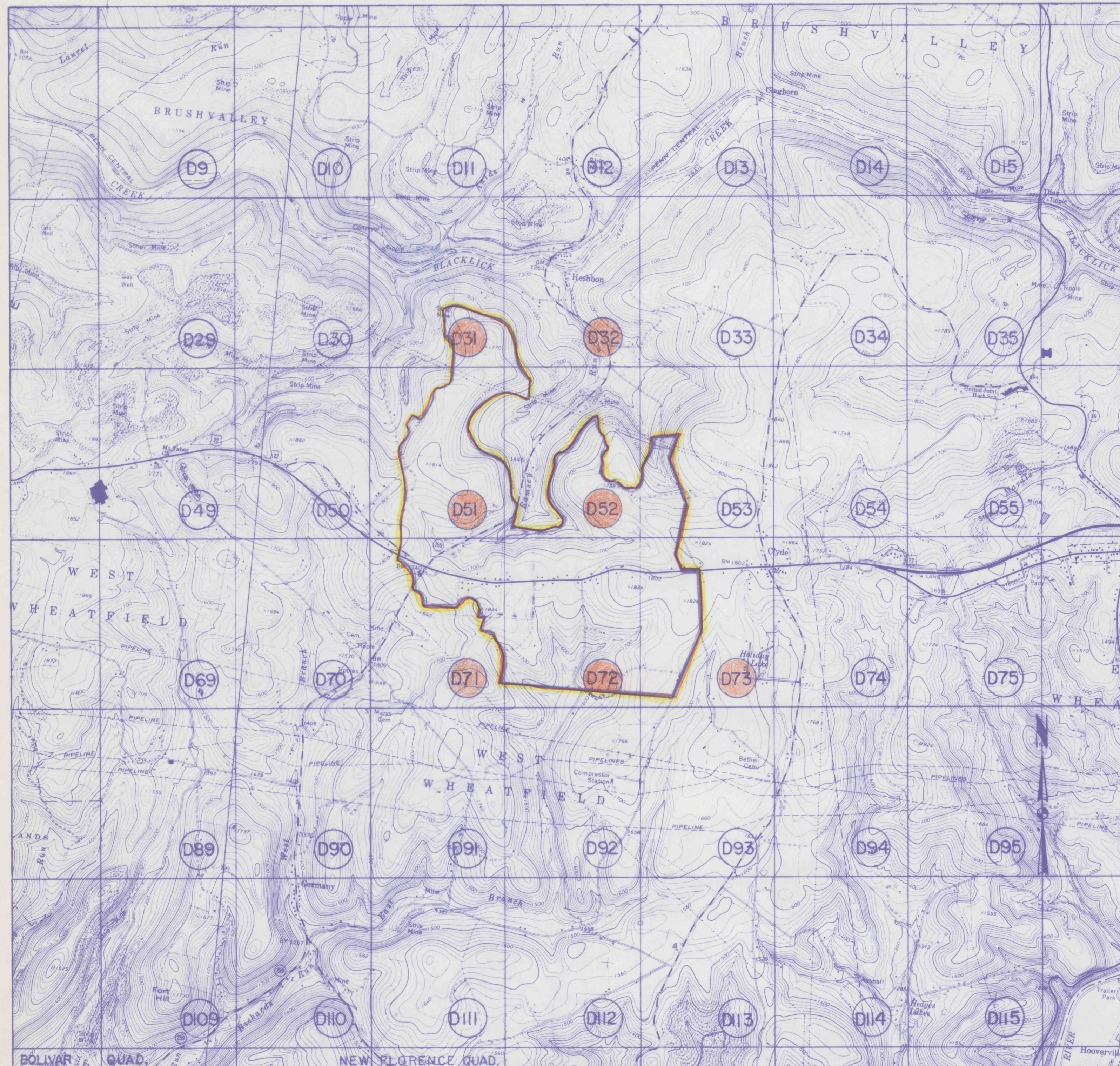


SUBSIDENCE PERMIT  
BOUNDARY  
INDEX FOR 100' MAPS



**BOLIVAR & NEW FLORENCE**  
7-1/2' U.S.G.S. QUADRANGLES

= MAPS SUBMITTED

SCALE 1"=2000'

**THE FLORENCE MINING COMPANY  
HESHBON MINE**

**PERMIT NO. 32871301  
LOWER FREEPORT (D SEAM)  
WEST WHEATFIELD TWP.  
INDIANA COUNTY, PENNSYLVANIA**

POSTING DATE 1/1 1992

SEAL —



SIGNATURE John A. Cernetch

PREPARED BY Robert S. Rytto

MAPS DEPICT CONTEMPLATED MINING  
FROM 1/1, 1992 7-1-92  
TO 7/1, 1992 1-1-93

**LEGEND FOR MAP SYMBOLS**

- |  |  |  |
|--|--|--|
| ACTIVE GAS WELL  | T646 TOWNSHIP ROAD                               | MINING COMPLETED   |
| INACTIVE GAS WELL  | BRIDGE   | CONSTRUCTED DIKE OR EMBANKMENT   |
| WATER WELL   | CULVERT  | TOE OF EXISTING SPOIL, MINE ROCK OR COAL REFUSE PILE   |
| SPRING   | 1234X ELEVATIONS-ROAD                            | (NAME) ORIGINAL COAL OWNER, SHOWN FOR REFERENCE ONLY   |
| POND   | 1170 1171 ELEVATIONS-STREAM                      | PILLARS TO BE LEFT FOR SUPPORT IN PROTECTED ZONES ARE SHADED   |
| FLOW MEASUREMENT POINT                                       | RAILROAD TRACKS                                  | ALL ENTRIES TO BE MINED 20' nominal width WITH THE EXCEPTION OF BELT/TRACK ENTRIES WHICH WILL BE MINED 22' nominal width |
| STREAM - PERENNIAL   | HORIZONTAL OR VERTICAL CONTROL, SURVEY STATIONS  | ALL COAL IS OWNED OR CONTROLLED BY THE FLORENCE MINING COMPANY UNLESS OTHERWISE INDICATED ON THE MAPS                    |
| STREAM - INTERMITTENT  | DIAMOND (DDH) OR AIR DRILL (ADH) HOLE AS LABELED |  |
| PIPELINE OR UNDERGROUND CABLE (SIZE, OIL, OR GAS AS LABELED) | SWAMP OR MARSH                                   |  |
| PROPERTY LINE  | DITCH  |  |
| POWER LINE   | PROTECTED STRUCTURE                              |  |
| 1050 COAL CONTOUR LINE                                       | NONPROTECTED STRUCTURE                           |  |
| NO COAL ZONE   | DWELLING - BUILT AFTER APRIL 1966                |  |
| CROPLINE   | CHURCH   |  |
| 100' COVER LINE  | CEMETERY   |  |
| 6 MONTH SUBSIDENCE LINE (CONTEMPLATED MINING & DATE)         | AIR SHAFT (DOUBLE COMPARTMENT)                   |  |
| BOUNDARY OF OPERATION (MINE SUBSIDENCE)                      | PILLARED   |  |
| SUBSIDENCE CONTROL PLAN BOUNDARY (5 YEAR LINE)               | OUTLINE OF PILLARED AREA UPPER OR LOWER SEAM     |  |
| LR 32014 STATE ROAD  |  |  |
| UNIMPROVED ROAD  |  |  |

NOTE FIRST MINING INDICATES NO PILLAR REMOVAL

HESHBON-100-IND