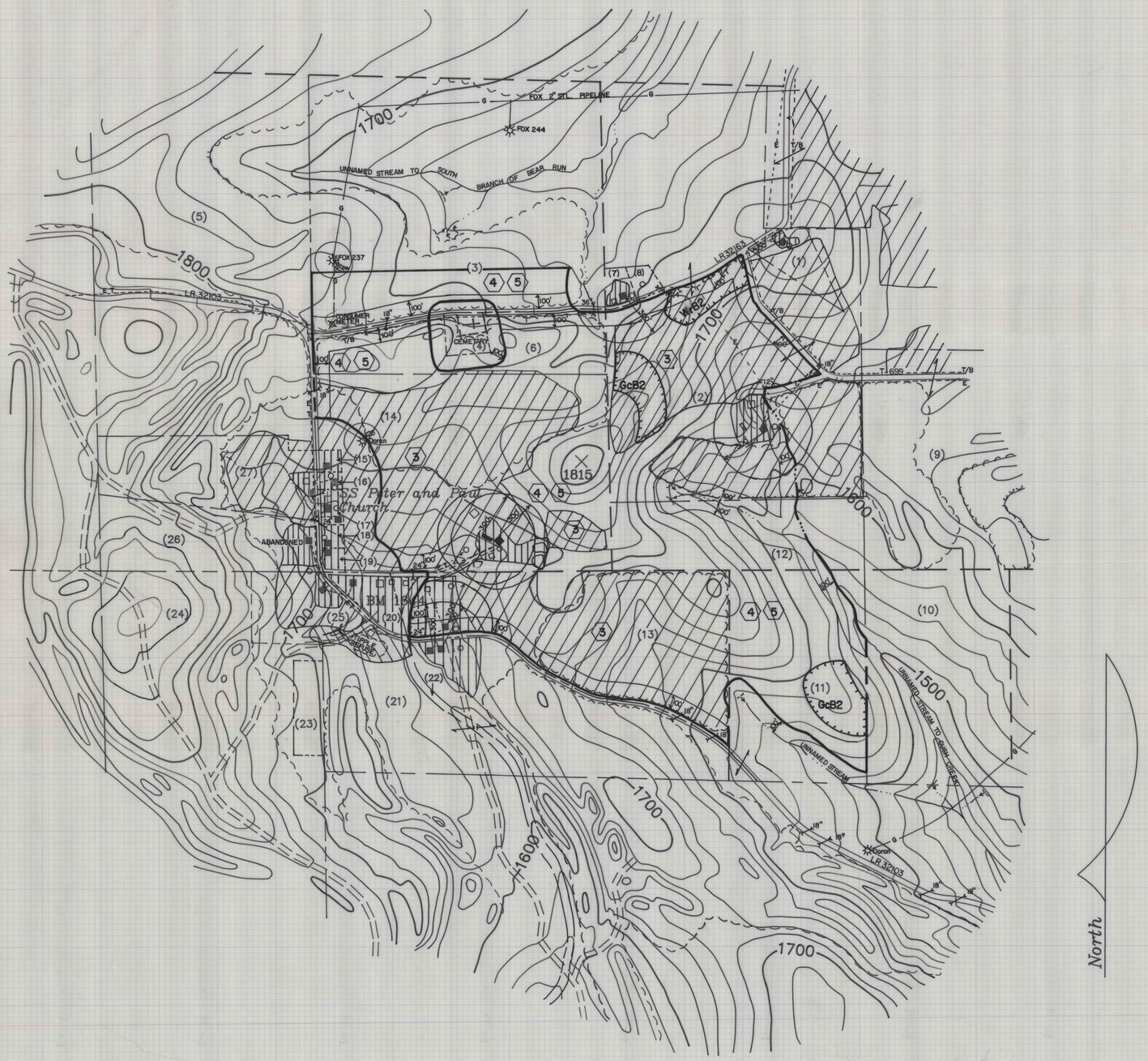

NOTES

1. THE EROSION AND SEDIMENTATION CONTROL PLAN AS DESIGNED ASSUMES MINING THE ENTIRE AREA. DEVIATIONS FROM THE PLAN MAY BE DUE TO CURRENT MARKET DEMANDS, EQUIPMENT LIMITATIONS AND MINING METHODOLOGIES. ADDITIONALLY, DESIGN SPECIFICATIONS WILL BE ADJUSTED FOR THE ACTUAL DISTURBED AREA, IF NEEDED, THEN FORWARDED TO THE DEPARTMENT FOR APPROVAL.
(SEE THE EROSION AND SEDIMENTATION CONTROL PLAN TABLES AND NARRATIVE FOR DESIGN SPECIFICATIONS AND DESCRIPTIVE INFORMATION.)

2. THE CULTURAL DATA PRESENTED ON THIS MAP HAS BEEN FIELD CHECKED AND CORRECTED RELATIVE TO THAT ON THE U.S.G.S. TOPOGRAPHIC BASE MAP.

3. PROPERTY LINES AND OWNERS ARE BASED UPON CURRENT COUNTY TAX ASSESS-MENT MAPS, UNLESS DETERMINED BY FIELD SURVEY. ONLY A CERTIFIED DEED STUDY CAN BE USED TO VALIDATE SURFACE AND/OR MINERAL OWNERSHIP.

4. MOST BASINS AND DITCHES WILL BE REMOVED FOLLOWING APPROVAL OF THE STAGE II COMPLETION. SELECT STRUCTURES MAY REMAIN AT THE REQUEST OF THE LAND-OWNERS FOR STORM WATER MANAGEMENT IF DETERMINED BY THE DEPARTMENT TO BE ADEQUATE FOR THE INTENDED PURPOSE AND POST-MINING LAND USE.

5. ALL AREAS WILL BE RESTORED TO A.O.C. WITH NO FINAL SLOPES 20 OR GREATER.

6. THE RESTORED DRAINAGE PATTERN WILL APPROXIMATE THE ORIGINAL DRAINAGE PATTERN.

7. THE POST-MINING LAND USE WILL BE THE SAME AS THE PRE-MINING LAND USE.

8. ALL DWELLINGS ARE OCCUPIED BY THE LAND OWNERS UNLESS STATED OTHERWISE.

9. HAUL ROADS WILL BE RECLAIMED AS PART OF THE BACKFILLING.

LEGEND

- SURFACE MINE PERMIT EXTENT
- PROPERTY LINES
- (1) PROPERTY OWNERSHIP (KEYED TO MODULE 5)
- T TELEPHONE LINES
- T/B TELEPHONE LINES (BURIED)
- E ELECTRIC LINES
- EXTENT OF PREVIOUSLY MINED AREA
- UNDERGROUND MINE OPENING
- GAS WELL
- G GAS LINE
- SPRINGS, WELLS, SEEPS
- ROAD CULVERTS
- 3 VEGETATIVE COVER TYPE (KEYED TO MODULE 23)
- WrB2 RECONSTRUCTED PRIME FARMLAND SOILS
- SEDIMENTATION BASIN
- SEDIMENTATION DITCH

EXISTING LAND USES

- FORESTLAND
- PASTURELAND OR LAND OCCASIONALLY CUT FOR HAY
- RURAL RESIDENTIAL
- COMMERCIAL INDUSTRIAL

POST-MINING LAND USES

SEE NOTE NO.7

PROPERTY OWNERSHIP

(1) THOMAS PEARCE (surf.)
WILLIAM & RUTH LAMKIE (min.)

(2) THOMAS M. PEARCE (surf.)
WILLIAM & RUTH LAMKIE (min.)

(3) J.C. CLARK (surf.)
ROYAL OIL & GAS CORPORATION (min.)

(4) CATHOLIC CHURCH OF UREY (surf.)
ROYAL OIL & GAS CORPORATION (min.)

(5) WILLIAM & ALBERT LAMKIE (fee)

(6) ROYAL OIL & GAS CORPORATION (fee)

(7) LEONARD PEARCE (surf.)
WILLIAM & RUTH LAMKIE (min.)

(8) JAMES L. SWICK (surf.)
WILLIAM & RUTH LAMKIE (min.)

(9) MILDRED L. PATTERSON (surf.)
mineral ownership unknown

(10) D.M. NEELEY (fee)

(11) JOHN L. NEELEY HEIRS (surf.)
mineral ownership unknown

(12) JOHN L. NEELEY HEIRS (fee)

(13) W.W. WAKEFIELD (surf.)
mineral ownership unknown

(14) MARGARET & RICHARD HOOK (fee)

(15) GARY L. KORNEY (surf.)
mineral ownership unknown

(16) (27) NICHOLAS J. KRAYNAK (surf.)
mineral ownership unknown

(17) GREEK CATHOLIC CHURCH & PARSONAGE (surf.)
mineral ownership unknown

(18) DONALD L. MILLER (surf.)
mineral ownership unknown

(19) ANN KRAYNAK (surf.)
mineral ownership unknown

(20) GEORGE HOOK (surf.)
mineral ownership unknown

(21) DYMITRI PUPCHIK (surf.)
mineral ownership unknown

(22) PENNSYLVANIA RAILROAD CORPORATION (fee)

(23) LAMKIE BROTHERS COAL CO. (surf.)
mineral ownership unknown

(24) WILLIAM & ALBERT LAMKIE (fee)

(25) HELEN IMHOFF (surf.)
mineral ownership unknown

(26) GEORGE KRAYNAK ESTATE (surf.)
mineral ownership unknown

EXHIBIT 18
LAND USE AND RECLAMATION MAP

DATE	REVISION	BY	DATE	REVISION	BY

APPROVED : _____
DATE : _____

APPROVED : _____ ENGINEER
REG. NO. : _____ DATE : _____

SEAL

ANDRAY MINING COMPANY
UREY NO. I
SMP NO.
BANKS TOWNSHIP INDIANA COUNTY

HESS & FISHER ENGINEERS, INC.
CONSULTING ENGINEERS & GEOLOGISTS
36 NORTH SECOND STREET
CLEARFIELD, PA. 16830 814-765-7541

DRAWN BY : PH	DATE : 1/12/88	FILE NO. : M-433	
CHECKED BY : MFA	SCALE : 1"= 400'	JOB NO. :	
SHEET	OF	F.B. NO. :	

7305