



JAMES BULLERS
Gas Wells

Gas Well

Gas Wells

BEN SHUMAKER

Gas Well

Gas Well

D.G. BEST

EUGENE HIGHFIELD

WILLIAM REESMAN

N.B. KUNSELMAN

CLIFFORD ROBINSON

Gas Wells

JAMES O'DONNELL

MALCOLM SHICK

BARRY LETTIE

Gas Well

WESLEY SMITH

Gas Wells

GEORGE TRAVIS

ALVIN ORF

COLWELL COAL CO.

SUPPORT AREA
2.8 ACRES
D.A. WEAVER

JOHN SMITH

Foundry

H. BLOSE
S. BLOSE

K. SNYDER

W.J. HUDDY

H.W. DRUMMOND
(Parcel I)

Gas Well

JEFFERSON CO
INDIANA CO

Milton

ARMSTRONG CO

REVISED 1/24/83 FOR MD (4.4 ACRES) HESS & FISHER
REVISED 9/20/82 FOR PIT VARIANCE HESS & FISHER ENG
REVISED 6/24/82 FOR BOND (30.1 ACRES) HESS & FISHER ENG

Gas Well Barrier
Gas Well
Gas Collection Lines
Proposed areas of blasting
Revised: 4/7/81 for Bond (36.9 ACRES) HESS & FISHER ENG
Revised: 3/12/81 for Bond (6.1 ACRES) HESS & FISHER ENG
Revised: 3/19/81 for Bond (0.4 ACRES) HESS & FISHER ENG
Revised: 3/19/81 for Bond (0.4 ACRES) HESS & FISHER ENG

LEGEND - EXHIBIT 4

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|--|-------------------------|
| | AREA AFFECTED 478 ACRES |
| | ROCK-LINED CHANNEL |
| | SEDIMENTATION BASIN |
| | TREATMENT POND |
| | DRAINAGE SUB-AREA |
| | SEDIMENTATION DITCH |
| | SAFETY BERM |
| | EROSION CONTROL TERRACE |
| | TOPSOIL STORAGE PILE |
| | PRIME FARMLAND SOILS |
| | MINING SEQUENCE |
| | PROPERTY LINES |
| | DIRECTION OF CUT |
| | SPRING, WELL |
| | STEEP-SLOPE MINING AREA |

NOTES

- 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 LIMITATION AND MINING METHODOLOGIES. IF DEVIATIONS FROM THE PROPOSED PLAN ARE NECESSARY, PLAN CHANGES WILL BE SUBMITTED TO THE DEPARTMENT FOR APPROVAL.
SEE EROSION AND SEDIMENTATION CONTROL PLAN TABLES AND NARRATIVE FOR DESIGN SPECIFICATIONS AND DISCRIPTIVE INFORMATION
- 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.
- PROPERTY LINES AND OWNERS ARE BASED UPON CURRENT COUNTY

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| EXHIBIT 4 | 7365 |
| SKY HAVEN COAL INC. | |
| ORF NO. 1 | |
| REDBANK TWP. PORTER TWP. | ARMSTRONG COUNTY JEFFERSON COUNTY |
| MINE DRAINAGE PERMIT NO. 3576 SM 14 | |
| HESS & FISHER ENGINEERS, INC. | |
| JUNE 1980 | CLEARFIELD, PA. |
| SCALE: 1 inch = 400 feet | |
| 0 1 2 3 4 6 8 M-0092A | |