SHEET - H

FIT TO - F

MAPLE CREEK MINING, INC. -- UMCO ENERGY, INC.
HIGH QUALITY MINE

FIT To - G

LEGEND

UNDERGROUND PERMIT BOUNDARY (2,550 ACRES)
HOLE QUALITY SAMPLE SITE
UMCO SURFACE ACTIVITY SITE
PALMER AREA (1,000 ACRES)
4th Qtr. Shot Point
Horizontal Drill Hole Number
Vertical Drill Hole Number
Structure Identification No.
AUTHORITY OF THE BOROUGH OF CHALFORD WATER LINE
PENNSYLVANIA AMERICAN WATER COMPANY WATER LINE
POND
PERENNIAL STREAM
INTERMITTENT STREAM
DRY GAS LINE
WET GAS LINE
STATE GAS LINE
RAILROAD (ABANDONED)
EXISTING SURFACE CONTOUR LINE
ROAD (UNIMPROVED ROAD)
(UTILITY LINE-ELECTRIC)
PROPERTY BOUNDARY
TAILLOMFIELD TWP. FORK DAM
GAS LINE
GAS WELL LOCATED
GAS WELL NOT LOCATED
GAS WELL LOCATED AND PLUGGED

Surface Permit Line

8 EAST
9 EAST
10 EAST
8 WEST
8-MAIN
9-MAIN
BURGER MINE
MINE
CRESCENT NO. 2
CRESENT NO. 2
LINE 7808
LINE 7215
LINE 12335
LINE 7844
N 80,000
N 295,000
E 385,000
E 390,000
E 20,000
500' BARRIER
NO MINING AREA
NO SUBSIDEDNCE ZONE
PENDING HYDROLOGIC REVIEW
HORIZONTAL DRILL HOLE NO. 5
HORIZONTAL DRILL HOLE NO. 6
1000' OFFSET
2000' OFFSET
COLLAR AT SURFACE EL. 1014.89
COAL INTERCEPT
TOTAL DEPTH
SPRING
TRIBUTARY TO SUNNYSIDE RUN
SUNNYSIDE RUN
BRIDGES ROAD
GUN CLUB ROAD
WELL 86
WELL 87
WELL 88
WELL 89
HOM-484
HOM-485
HOM-486
HOM-487
HOM-488
HOM-489
February 2005
February 2002

NOTE:
THE AREA WITHIN THIS AREA IS NOT PERMITTED UNLESS A HORIZONTAL DRILL HOLE EXISTS IN ACCORDANCE OF THE OPERATING SECTION AND THE COAL BARRIER WIDTH HAS BEEN VERIFIED OR SECTION 15(b) OF THE "BITUMINUS COAL MINING LAWS OF PENNSYLVANIA FOR UNDERGROUND MINING" IS FOLLOWED

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
W. HARRY SPRINGER
NO. 25434 E

Certified W. Harry Springer PE
Date

MAPLE CREEK MINING, INC. -- UMCO ENERGY, INC.
HIGH QUALITY MINE

FINAL MINE MAP

FIT TO - J

SHEET - H