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

FIT TO - D

SHEET - F

RIDER MINE

3-EAST

4-EAST

5-EAST

6-EAST

No Mining Zone

TOWER # 140

TOWER # 139

TOWER # 138

TOWER # 137

& WVA RAILROAD

TRIBUTARY TO MAPLE CREEK

UNNAMED TRIBUTARY TO MAPLE CREEK

MAPLE CREEK

Mine

Mines

WESTERN

S.R. 2016

TERRACE DR.

LINE 7415

E 1,390,000

N 300,000

E 1,395,000

N 85,000

500' BARRIER

3"G

4"G

12"G

MINING WITHIN THIS AREA NOT PERMITTED UNLESS A HORIZONTAL DRILL HOLE EXISTS IN ADVANCE OF THE OPERATING SECTION AND THE COAL BARRIER WIDTH HAS BEEN VERIFIED OR SECTION 224 (B) OF THE BITUMINOUS COAL MINING LAWS OF PENNSYLVANIA FOR UNDERGROUND MINING IS FOLLOWED

COMMONWEALTH OF PENNSYLVANIA
REGISTERED
PROFESSIONAL
W. HARRY SPRUTLES
ENGINEER
NO. 25411
PENNSYLVANIA

LEGEND

UNDERGROUND PERMIT BOUNDARY (2,920 ACRES)
SUBSIDENCE CONTROL PLAN AREA (1,920 ACRES)
UMCO SURFACE ACTIVITY SITE
PENNSYLVANIA AMERICAN WATER COMPANY WATER LINE
PERENNIAL STREAM
INTERMITTENT STREAM
POND
EXISTING SURFACE CONTOUR LINE
RAILROAD
UNIMPROVED ROAD
UTILITY LINE (ELECTRIC)
PROPERTY BOUNDARY
FALLOWFIELD TWP. SAN. SEWER LINE
GAS WELL
GAS WELL LOCATED
GAS WELL NOT LOCATED
GAS WELL LOCATED AND PLUGGED
DOMINION TRANSMISSION GAS LINE
EQUITABLE GAS LINE
DOMINION PEOPLES GAS LINE
COLUMBIA GAS LINE

Submitted by: [signature] Registered Professional Engineer
Date

FIT TO - E

FIT TO - H

SHEET - F

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

FINAL MINE MAP