



12" DIAMETER VENT BOREHOLE
18" PIPE CAPPED AT BOTTOM -
(RESTING ON TUNNEL FLOOR)
1" WATER PIPE w/ GATE VALVE

20" BETWEEN BOREHOLES
4" DIAMETER MATERIAL INJECTION BOREHOLES

PRESSURE & TEMPERATURE GAUGE
PRESSURE RELEASE VALVE

MINE SHIELD PUMPED INTO BOREHOLES

4'-6" SEAM

SKIDMORE SEAM

VARIES FROM 50'-150'

7' SEAM

7 FOOT SEAM

VARIES FROM 30'-100'

DIRECTION OF FIRE →

BUCK MOUNTAIN SEAM

140'

MINE SHIELD HYDROLOGICALLY PUMPED FROM SURFACE INTO TUNNEL TO BUILD BARRIER

MINE SHIELD BARRIER (ESTIMATED SIZE - 4ft. AT BASE (-3ft AT TOP))

AUGUST 5, 1981

EXPERIMENTAL TRIAL PROPOSAL FOR CONTROL OF MINE FIRE AT CENTRALIA, PENNSYLVANIA

Cruz Bowman



AMERICAN ENERGY PRODUCTS CORP. 8210 INDUSTRY AVE. PICO RIVERA CALIF.

DESIGNED & PREPARED BY - M. E. HERRERA
DRAWN BY - Terry S. Wildblous
WITNESSED BY - Joan J. Gajdak
WITNESSED BY - [Signature]
PRESENTED BY - M. E. Herrera