

## ROOF CONTROL PLAN

- (1) The maximum cut depth for this mine is 20 feet.
- (2) Openings that create an intersection should be permanently supported or at least one row of temporary supports should be installed on not more than 5 foot centers across the opening before any other work or travel in the intersection, except to conduct examinations or make safety corrections.
- (3) The sub-mains and pillar panels are driven on 60-foot X 60-foot centers minimum.
- (4) The roof bolt pattern is 4-foot by 4 foot centers.
- (5) The maximum entry and crosscut width is 20 feet.
- (6) Roof test holes shall be drilled 72 inches deep in all intersections.

## VENTILATION PLAN

- (1) A line curtain shall be maintained to within 5 feet of face in supported places and to the last row of permanent support in unbolted places.
- (2) The line curtain shall extend into the crosscut.
- (3) The minimum volume of air in the last open crosscut shall be 15,000 CFM when three open crosscuts are present.