

87-I-5C.
Open End
Face Cutovers

Open End Method of Mining Single Step Fracture Line — Face Cutovers Rotating Falls

Scale
100 50 0 100 200
Uniontown Office - Southern Division a.s. Aug. 1932. T.O.S.

Estimated Operating Data and Specifications

Size of block of coal	50' x 102'
Width of flats, butts, chutes and rooms	10'
Width of Open End Cutovers	18'
Length of cutter bar	9'
Depth of cut	8.33'
Rate of Rib Extraction on face course per shift	10'
Angle of Rib Line with butt course	70° 30'
Rib coal that can be undercut	100%
Estimated coal Recovery for mineable height	97%
Development	24%
Rib Extraction	76%
Total Shifts to extract block of coal	36
Block finished every	6 shifts
Overlap	30"
Tons produced per butt per shift (including rooms & chutes)	275
Mining height of coal used	6 1/2 ft.
Recovery on development used	100%
Recovery on Rib extraction used	96%

The "key" for starting cutovers is one fall back and one cut back in each following block of coal.

