

GENERAL INFORMATION WANTED FOR ELK HORN BLOCK COAL CO.

1. Location: Ligon, Kentucky
2. Railroad: Chesapeake & Ohio
3. Shaft, Slope or Drift: Drift
4. Gas or Non-Gaseous: Non-gaseous
5. Use open lights or safeties: Open lights
6. Thickness of mineable coal: 52½ inches - average
7. Thickness of bone or slate partings: None
8. Average thickness of draw slate, if any: Nothing to 30" in few small scattered sections - balance sand stone top.
9. Number of years mine has operated: Six
10. Best production any one month in the past five years and number of days worked:
11. Total annual production by years for the past five years and number of days worked:
12. Track gauge: 44 inches
13. Weight of steel rails of main haulage, butt entries and rooms: 30 and 20 pound mixed - very small amount of 30, pound.
14. Coal gathered by mules or motors: Motors and ponies
 - a. Number and size of main line motors and makes: Gathering motors used for tramping coal to outside.
 - b. Number and size of gathering motors and makes:
 - 1 - G.E. 6 ton - 50 H.P.
 - 1 - Jeffrey 4 ton - 40 H.P.
 - c. Number of mules for gathering: 2 ponies
15. Number of mine cars - wood or steel: 100 approx. - all wood
 - a. Overall dimensions of mine cars: 3 sizes
 - (1) L 111" W 58" H 32"
 - (2) L 115" W 60" H 26"
 - (3) L 118" W 58" H 28"
 - b. Cubical capacity of mine car:
 - (1) 34.6 cu. ft.
 - (2) 39.2 cu.ft.
 - (3) 48.4 cu. ft.
 - c. Average tons loaded on car: 1½ tons

16. Mining Machines:

a. Number of Arcwall machines; make and length of cutter bar:
None

b. Number of short wall machines; make and length of cutter bar:
1 Geoman 12A - 50 H.P. - 6½ ft. cutter bar
1 Goodman 12AA - 50 H.P. - 6 ft. cutter bar

c. Number of breast machines; make and length of cutter bar:
None

17. Pumps: 1 Deming - very small - 2½ H.P. Motor

a. Size and capacity of larger units:

b. Approximate quantity of water handled per 24 hours;

18. Fans:

a. Number, type and capacity:
2 - 6ft. Stien Fans 900 R.P.M. (approx) 10 H.P. motor
only one now in operation

19. Number and size of MG sets: Auto-matic sub-station with
1 - 150 K.W. Converter.
Power purchased from Kentucky - West Virginia Power Co.

a. Voltage on AC Lines: 33,000
b. Voltage on DC Lines: 250
c. Stepped Down: Single transformation

20. Tipples - Wooden or Steel: Wood Pole Tipple - now being rebuilt

21. Grades of coal made: From 1½" lump up - interchangeable bar
screens used with a screening area of 3' x 15'
4" lump makes 1/3 lump and 2/3 Modified

22. Are picking tables installed: No.

23. Type of mine car dump: Horn dump

24. Number of rail road cars above tipple: 13

25. Number of rail road cars below tipple: 13

26. Number of houses: 1 boarding house of 16 rooms; 15 dwellings
(4 - 4 room, 8 - 3 room and 3 - 2 room)

a. Number of rooms: 62

b. Water and sewerage system: None

c. Fire protection: None.

DAY LABOR CLASSIFICATION BY OCCUPATION:

<u>Occupation</u>		
Trackmen		2
Trackmen helpers		2
Motormen		2
Brakemen		2
Mule drivers		2
Blacksmith		1
Car repairmen		1
Electrician		1
Wiegman		1
Tipplemen		5
		<u>19</u>

all machinist labor done by electrician

PERCENTAGE LABOR CLASS:

All white - 1 Polish balance American

PRODUCTION DATA:-

1. Largest recent month: September, 1928

2. Days operated: 25

3. Net tons produced: 8000 (approx)

4. Daily average production: 320

5. Men working per day:

a. Loaders and pick miners:	40
b. Machine men:	<u>2</u>
c. Total tonnage men:	<u>42</u>
d. Daymen inside:	10
e. Daymen outside:	<u>9</u>
f. Total Daymen:	<u>19</u>
g. Total all men:	61

6. Net tons per man per day:

a. Loaders and pick miners:	8.0
b. Machine men:	<u>160.0</u>
c. Total tonnage men:	<u>7.6</u>
d. Day men inside:	32.0
e. Day men outside:	<u>39.1</u>
f. Total day men:	<u>16.8</u>
g. Total all men:	5.2