SEALS

NOT TO SCALE

SLOPE

NO SCALE

THIS DRAWING WILL COVER POWER HOLES, METHANE DRAINAGE HOLES, MINE DRAINAGE HOLES AND SLUDGE HOLES.

TYPICAL BOREHOLE SEALING PROCEDURES

NOT TO SCALE

1. BOREHOLES WILL BE GROUTED.
2. TYPICAL SHAFT CAN BE SINGLE OR DOUBLE COMPARTMENT; WIDTH AND DEPTH CAN VARY.
3. SHAFT AREA WILL BE FENCED OFF.

TYPICAL PERMANENT SHAFT SEALING

NOT TO SCALE

HOLE LOCATION

1. – NO. 23 SUBSTATION NEAR BOTTOM OF SLOPE
2. – SUBSTATION AT A-7
3. – NO. 20 SUBSTATION IN MAIN Z
4. –
5. – } DRAINAGE HOLES AT A-21 SUMP
6. –
7. –
8. – POWER HOLE BETWEEN A-21 & A-23
9. – NO. 25 SUBSTATION AT A-26
10. – NO. 24 SUBSTATION AT T.K. MAIN & MAIN A
11. – FRESH WATER HOLE AT T.K. PORTAL
12. – DRAINAGE HOLE NEAR T.K. PORTAL
13. – DRAINAGE HOLE NEAR T.K. PORTAL
14. – POWER HOLE ACROSS FROM SHOP AT T.K. PORTAL
15. – POWER HOLE NEAR T.K. PORTAL
16. – NO. 28 SUBSTATION BETWEEN T.K. 4 & T.K. 6
17. – NO. 34 SUBSTATION AT T.K. 14
18. – NO. 32 SUBSTATION BETWEEN B-7 & B-9
19. – POWER HOLE BETWEEN B-7 & B-9
20. – NO. 36 SUBSTATION BETWEEN B-14 & MAIN C

LOCATION	SURFACE ELEV.	DEPTH
SLOPE (AT KNUCKLE) *	1771.35	365'
NO. 5 FAN AIR SHAFT	1778.00	370'
PORTAL SHAFT	1768.83	405'
SAWMILL AIR SHAFT	1774.69	415'
MAIN C AIR SHAFT	1840.22	542'

* LENGTH = 1509'

APPROVAL LEGEND

Barnes & Tucker Company
Company

Lancashire No. 24-B and No. 24-D
Name of Mine

Final Sealing Procedures
Subject of Approval

Company Representative — Date 11-30-84

Commissioner, Office of Deep Mine Safety — Date
Department of Environmental Resources

Director, Bituminous Deep Mine Safety — Date
Department of Environmental Resources

District Mine Inspector — Date
Department of Environmental Resources

All pages must be initialed and dated by the District Mine Inspector, and a cover letter to the Director must accompany the five (5) copies of the Plan.

Final Sealing and Flooding Procedures

Lancashire 24-B and 24D Mines

1. Remove all salvageable equipment from underground, except the necessary power supplies and pumping facilities.

2. Perform preliminary construction at bottom of shafts if necessary.

3. Remove salvageable pumps, pipes, and power supplies starting at the inby end and working toward the slope. All capacitors and transformers containing PCB's have been removed from the mine.

4. Remove all the power from the mine.

5. Each shaft will be sealed as the water level in the mine floods out the bottom of that particular shaft. The shafts will be sealed as shown on attached drawing.

6. Each mine ventilation fan will remain on as long as practical to aid the venting of the mine.

7. As the mine is flooding, the water level will be monitored through an open power or drainage borehole. This borehole will be sealed when monitoring is no longer necessary. All boreholes will be sealed as shown on the attached drawing.

8. The slope will be sealed as shown on the attached drawing.

USBM 36 00837
LANCASHIRE NO. 24 B
SCALE 1" = 400'
POSTED TO:
12 - 31 - 85
1 - 31 - 86
2 - 28 - 86
3 - 31 - 86
4 - 11 - 86