CONSOLIDATION COAL CO

C PRIME SEAM

Scale 1:600

E. BARRIER LINE

BARRIER LINE

Boswell Branch B&O R.R.

NO MINING TO BE DONE IN THIS BARRIER UNTIL EITHER THE IMPOUNDED WATER HAS BEEN REMOVED OR ALL COAL BELOW THE IMPOUNDED WATER HAS EITHER BEEN MINED OR PERMANENTLY ABANDONED.

Quemahoning Creek

IMPOUNDED WATER

6" Dia Pump Hole
Flow of Outlet 1842.0
Flor C.Pr. Coal 1790.0

A.C. 21 Butt

A.C. 20 Butt

A FACE HDG.

A.C.

WORKED OUT

FORMER KILLSWORTH COAL CO. ABANDONED No. 4 MINE

LEVEL OF MAXIMUM WATER POOL WITH OVERFLOW AT OLD PUMP HOLE ELEV. 1842

Jeffers

Public Road

Abd. St. Monroe Br. Quemahoning

Bor. Pump Hole Elev. 1842

C. Outcrop

Creek Bed

Public Road

Reinforced Concrete Bulkhead Featured By This Project

½" bronze Pipe With Cock

IMPOUNDED WATER

A.C. HDG. No. 3 FACE

Reinforced Concrete Dams Constructed on Former Quarried Floor in 1934

Elev. 1851

Elev. 1847

Elev. 1842

Elev. 1837

Elev. 1832

Elev. 1827

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Elev. 1817

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Elev. 1752

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Elev. 1127

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Elev. 1117

Elev. 1112

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Elev. 1007

Elev. 1002

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Elev. 62

Elev. 57

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Elev. 42

Elev. 37

Elev. 32

Elev. 27

Elev. 22

Elev. 17

Elev. 12

Elev. 7

Elev. 2

Note: Test shall be made at end of excessive head conditions of the rock or timber, the valve is to be opened and the head reduced as outlined require.

No. 2 FACE Hdq.

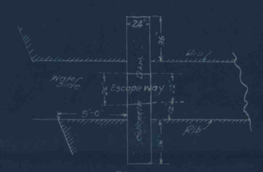
No. 1 FACE Hdq.

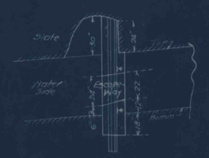
WORKED OUT

ALICE FRITZ

PROCEDURE AND SPECIFICATIONS.

1.- Test air and provide necessary ventilation at sight of work.
2.- Excavate into solid as shown for top, bottom and sides, in case loose material is encountered, go additional depth to compensate.
3.- Clean loose rust and scale from steel rail and place as shown, using end vertical rails for support of horizontal rails & wires to extend through bulkhead.
4.- Inspection to be made of excavations and reinforcement before any forms are placed.
5.- After approval of inspection; construct forms; providing escapeway hole as shown.
6.- Concrete to be of 1 part Lehigh cement, 2 parts clean, sharp sand and 3 parts clean, hard sandstone, 1/4 to 1½".
7.- Concrete to be well mixed with clean acid free water, with care that too much water is not used.
8.- Check inside of forms to see that no wood blocks or other foreign material is where the concrete is to be placed.
9.- Place all concrete into forms from the water side and pack or stump to a jelly consistancy so that all voids are filled; use special care to completely fill the top of the finish.
10.- After concrete has stood for 7 days, remove the forms and ask for an inspection.
11.- Remove all men and material through escapeway and after thoroughly checking inside, provide tight form on water side and make form as filling is made on out by side; filling to be of same mix concrete as above.





State of Pennsylvania } ss
County of Somerset }

On this 21st day of July, 1947 before me the undersigned officer, personally appeared Thos Greenshields who acknowledged that the reinforced concrete bulkhead here on detailed was constructed by him or under his supervision according to the specifications shown.

Justice of the Peace

My Commission Expires 1st Monday in Jan 1952

APPROVED:-

Geo. S. Struble
Inspector 23rd. Bit. Dist.
Fenelton Pennsylvania

Inspector 38th Bit. Dist.
Uniontown
Pennsylvania

Inspector 20th Bit. Dist.
Connellsville

CONSOLIDATION COAL CO.
MINE 119 — JENNERS PA.-C SEAM.
No. 3 FACE HDG.-118 SECTION.
REINFORCED CONCRETE BULKHEAD
IN CONNECTION TO No. 6 ROOM-18 BT-3 FACE
ALSO BORE HOLE OUTLET AND PROTECTIVE BARRIER.

Scale - as noted
Revised

8-23-45 - Engr Dept. - Somerset Dist.
10-1-45 - (Pipe in dam eliminated)
10-5-45 - (18" changed to 24" for dam)

I-A-264