

Sealing of Insets and filling of No's 2 and 3 shafts

Sequencing of Work

- 0.1. Seal off all insets above the Pit Bottom in No. 2 and 3 Shafts, except the pumping inset in No. 2 Shaft and the intake inset at 300 yards in No. 3 Shaft.
- 0.2. Seal off the back side of the pit bottom inset in No. 2 Shaft.
- 0.3. Withdraw all U/G labour except that required for shaft filling preparation.
- 0.4. Seal off the front side of the pit bottom inset in No. 2 Shaft leaving a 2'0" square hole for ventilation.
- 0.5. Seal off the front side of the pit bottom inset in No. 3 leaving a 2'0" square hole for ventilation.
- 0.6. Part seal the back side of the P.B. inset before shutting down the pit bottom pumps.
- 0.7. Complete the seal in 0.6. above.
- 0.8. Close ventilation hole in No. 2 Pit Bottom.
- 0.9. Close ventilation hole in No. 3 Pit Bottom.
- 1.0. Seal inset at 300 yds. level in No. 3 Shaft leaving 2'0" square ventilation hole.
- 1.1. Part seal pumping inset in No. 2 Shaft before shutting down pumping.
- 1.2. Shut down fan.
- 1.3. Complete seal in 1.1. above.
- 1.4. Complete seal in 1.0. above.
- 1.5. Remove cages from each shaft.
- 1.6. Shut down remaining services.
- 1.7. Commence filling No. 3 Shaft with dirt to a point 10'0" above pit bottom roof level.
- 1.8. Pour concrete from surface to form plug 15'0" deep (112 cu. yds. of concrete required = £400)
- 1.9. Fill No. 2 Shaft with dirt to a point 10'0" above pit bottom roof level.

deep (85 cu. yds. concrete required = £304)

- 2.1. Fill No. 3 Shaft with pit dirt to base of Spencroft inset approx. 42 yds. above concrete plug.
- 2.2. Continue filling with clay for a distance of 8 yards over and above the Spencroft inset.
- 2.3. Continue filling with pit dirt to a depth of 355 yards.
- 2.4. Put in a 30'0" deep clay plug.
- 2.5. Transfer to No. 2 Shaft and continue filling with dirt to base of the Spencroft inset approx. 6 yards above the top of the concrete plug.
- 2.6. Continue filling with clay for a distance of 8 yards over and above the Spencroft inset.
- 2.7. Continue filling with pit dirt to a depth of 355 yards.
- 2.8. Put in a 30'0" deep clay plug.
- 2.9. Resume filling No. 3 Shaft to base of 300 yards inset leaving a 8 yard, clay plug over the position of the Red Mine inset at a depth of 330 yards.
- 3.0. Put in 30'0" deep clay plug over the 300 yards level inset.
- 3.1. Transfer to filling of No. 2 Shaft with pit dirt to the base of the pumping inset at a depth of 323 yards.
- 3.2. Continue filling with clay for a length of 36 yards to cover the Pumping, Red Shagg & 300 yards level insets.
- 3.3. Continue filling with pit dirt to a depth of 7 yards.
- 3.4. Resume filling No. 3 Shaft with pit dirt to similar depth of 7 yards.
- 3.5. Top off No. 2 Shaft with 3 yards concrete cap, (17 cu. yds. concrete required = £60), through which has been put one 18" dia steel tube protruding 2'0" above ground level.
- 3.6. Allow concrete to harden off and then complete filling to ground level. Top up shaft filling periodically via 18" steel tube until settlement ceases.
- 3.7. Repeat 3.5. and 3.6. in respect of No. 3 Shaft.
- 3.8. Notify inspectorate of abandonment of shafts.

Area Planning Branch.

JULY, 1968.

NATIONAL COAL BOARD

STAFFORDSHIRE AREA

PARKHOUSE COLLIERY

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SHAFT FILLING.

ESTIMATED COST

No. 2 Shaft depth 520 yards dia 14' x 0" Vol. 8,887 cu. yds.
No. 3 Shaft depth 522 yards dia 16' x 0" Vol. 12,326 cu. yds.

BASIS AT ESTIMATED :-

BASIC PRICE.

| | |
|--------------------------------------|------------------|
| Filling material | Free |
| Transport of filling material | 5/- per load. |
| Wages | 1/8 per cu. yd. |
| Stores :- | |
| Concrete | 7/- per cu. yd. |
| Bricks | 300/- per 1,000. |

ESTIMATE :-

£

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|-----------|-------|
| Transport | 265 |
| Wages | 1,760 |

Stores :-

| | | |
|---------------------|-----|-----|
| No. 2 P.B. plug. | 304 | |
| No. 3 P.B. plug. | 400 | |
| No. 2 Surface plug. | 60 | |
| No. 3 Surface plug. | 60 | |
| Bricks | 588 | |
| Sand, cement. | 320 | |
| Miscellaneous: | | |
| Steel | } | 200 |
| Clay | | |
| Gen | | |
| Power (say) | 50 | |

4,055

+ 10%

404

Estimated Total Cost 4,459