PLAINTIFF'S EXHIBIT
CSR-367

258

MEMO to: Acting Manager,

From: Underground Manager,

Subject: Ventilation report as per request from Mines Dept - 9th Dec. 1964 ref. A.M.&L.S.

As per your request, the following information is supplied set out under the headings as per your letter of the 9th Dec. 1964.

1. (a) Moved 60 A.F. Richardson exhaust fan from 42S to 6DS following collapse on south side of 4 level.

   (b) Installed 3SD and 4SD Richardson fans on 6 and 7 level loops respectively to boost air flow along the North Drives.

2. (a) Main Adit intake - 36,000 c.f.m. estimated leakage thru' old fall area, from surface estimated at 66,000 c.f.m.

   (b) Main exhaust fans :-

      (i) 5L/S Capacity 90,000 c.f.m. - presently exhausting 60,000 c.f.m.

      (ii) 6DS capacity 100,000 c.f.m. - presently exhausting 42,000 c.f.m.

      (iii) Total exhaust from lower levels via 5 Adit 56,000 c.f.m.

3. (a) The following level entrances were knuttised off :-

   1DS 2DS 3DS 4ZS

   (b) Stope knuttices along 4 level barrier pillar were renewed after the fall in the Upper and Lower Seams.

   (c) The following main level connections were made during the years-

      9 level holed between 6 adit and 3 adit

      9 service rise holed to the 9 level from the main incline.

   (d) The following stope preparations were holed :-

      9ZE to 8ZE, 8ZS to 7ZS, 8ZE to 7ZE and 6ZS to 7ZE.

4. (a) Proposed installation of third 60 AF Richardson exhaust fan in 5 Adit, west of 7 level.

   (b) Ventilation rise (10' x 10') from haulage level at 8SS to Upper Seam workings.

   (c) Stope knuttising of 8 level barrier pillar from 8SS to 8000.

   (d) Installation of booster fan at 8 level loop .

   (e) (i) 10 Service rise connection from Main Incline to 10 level.

      (ii) Connection from 6 Adit to 3 Adit along 10 level.

      (iii) Connection of 9SD to 5 Adit.

      (iv) Upper Seam Stope Preparation proposed :-

C 4501

72N to 61W
82N to 72W
81N to 82N
81N to 91N
81S to 91S
82S to 92S
83S to 93S
84S to 94S

Lower Seam St. Prepns. proposed :-

81N to 91N
91E to 91S

(f) Ventilation doors proposed :-

South of 73S
between 83S and 84S

5. Primary fans - 2 60AF Rich ex. fans
Secondary fans - 16 EF 4 Mecos
2 [illegible]6 Mecos
2 4SD Richardsons
4 3SD Richardsons
2 2½ SD Richardsons
6 2D Richardsons.

P.A. CHAMPNESS

13/2/65

C 4502

Acting Manager
U/G Manager
Ventilation Report as per request from
Mines Dept — 9th Dec 1964 ref. AJM:L

As per your request, the following information is supplied set out under the headings as per your letter of the 9th Dec '64.

1 (i) Moved 60 A.F Richardson exhaust fan from 42S to 6DS following collapse on [illegible] level.
(ii) Installed 3SD ~~[illegible]~~ and 4SD Richardson ~~[illegible]~~ fans on 6 and 7 ~~[illegible]~~ levels respectively to boost air flow along the North Drives.

2 (i) Main Adit Intake — 30,000 c.f.m
Estimated leakage thru old fall area from surface estimated at 60,000 c.f.m.
(ii) Main exhaust fans:-
@ 54S, Capacity 90,000 c.f.m - present exhausting 60,000 c.f.m.
@ 6DS Capacity 100,000 c.f.m - present exhausting 43,000 c.f.m.
(iii) Total exhaust from lower levels via 5 Adit 56,000 c.f.m.

C 4503

3. (i) The following level entrances were bratticed off:-
1DS 2DS 3DS 4DS.

(ii) Stope brattices along 4 level barrier pillar were removed after the fall in the upper & lower seams.

(iii) The following main level connections were made during the year:-
9 level holed between 6 Adit and 3 Adit.
9 Service rise holed to the 9 level from the main incline.

(iv) The following stope preparations were holed:-
91E to 81S 85S to 77S 81N to 71N and 60DS to 79S.

4. (i) Proposed installation of third 60AF Richardson exhaust fan in 5 Adit West of 7 level.

(ii) Ventilation rise (10'x10') from haulage level at 85S to upper seam workings.

(iii) Stope bratticing of 8 level barrier pillar from 85S to 8000.

(iv) Installation of booster fan at 8 level loop.

C 4504

(c) 10 Service riser connection from Main incline to 10 level.
(b) Connection from 6 Adit to 3 Adit along 10 level.
(c) Connection @ 95D to 5 Adit
(d) Upper Seam Stoke preparation proposed:—

71N	to	61W
81N	to	71W
81N	to	81N.
81N	to	91N.
81S	to	91S.
82S	to	92S.
83S	to	93S
84S	to	94S.

Lower Seam Stoke Prep's proposed:—

81N	to.	91N.
91E	to	91S.

(vi) Ventilation doors proposed:—
South of 73S.
Between 83S and 84S.

5. Primary fans. — 2 60 AF Keith Ex. fans
Secondary " — 16 EF4A Nicos.
2 EF6 "
2 45D Richardsons
4 35D. "
2 27½D "
6 22D "