Robena No. 3
FORDYCE
JAMES B. MURDOCK
AREA 192.243 ACS
BENJAMIN A. RINEHART
AREA 106.535 ACS
WILLIAM H. MURDOCK
AREA 308.190 ACS
JOSEPH MURDOCK
AREA 354.540 ACS
WILLIAM E. BLAKER
AREA 22.850 ACS
H. ZIMMERMAN & WM. E. BLAKER
0.338 ACS
JOHN S. FULLER
0.245 AC
BENJAMIN A. RINEHART
AREA 102.097 ACS
MARGARET MORRIS
AREA 108.095 ACS
B. F. MURDOCK
AREA 49.732 ACS
J. M. MORRIS
AREA 152.124 ACS
JOHN H. MOREL
AREA 195.731 ACS
WM. E. BLAKER
3.0 AC
WM. E. BLAKER
2.5 AC
14550 C.F.M.
350 C.F.M. @ .05% CH4
400 FT/MIN
420 FT/MIN
1900 C.F.M.
56,800 C.F.M.
2980 C.F.M. @ 1.20% CH4
BLAKER SHAFT PAN
One Operating
#1 Jeffrey 8-80-96 Axialflow - 8 Foot Fan to #1 Blade Position
#2 Jeffrey 8-80-96 Axialflow - 8 Foot Fan to #1 Blade Position
Both Fans Directly Driven with 500 H.P., 1180 R.P.M., AC Motors
Operating @ 67,000 C.F.M. @ 6.0" W.G.
Exhaustion 190,340
Intake 190,340
Top Cooling Elevation — 1035.737
Bottom Coal Elevation — 457.537
Depth — 577.2'
Entry Height — 14.0" Avg.
Entry Width — 14.0" Avg.
INSERT
SURFACE FACILITIES
BLAKER SHAFT
SCALE 1" = 200'
WILLIAM H. MURDOCK
AREA 308.190 ACS
R-2
R-3
MARGARET MUDDLEY
AREA 68.5 ACS
MARTHA
AREA 150.2
BASIL SMITH
AREA 62.152 ACS
960 C.F.M. @ 0.0% CH4
INTAKE DUMP POINTS
BUNKER: No. 716
BAILEY No. 17/18
620 C.F.M. @ 0.0% CH4
7280 C.F.M. @ 0.0% CH4
8500 C.F.M.
AREA 0.803
PHASE III
LEGEND
INTAKE AIR
RETURN AIR
WATER ROADS
WATER BEACH
ANDREW TANTS
AREA 268.122 ACS
D.D. Hole No. 31
9600 C.F.M.
9100 C.F.M.
900 FT/MIN
200 FT/MIN
45,000 C.F.M.
BOWLBY SHAFT PAN
One Operating
One Standby
#1 Jeffrey 8-80-96 Axialflow - 8 Foot Fan to #1 Blade Position
#2 Jeffrey 8-80-96 Axialflow - 8 Foot Fan to 28° 30' Blade Position
Both Fans Directly Driven with 500 H.P., 1180 R.P.M., AC Motors
Operating at 102 Amps. and Nominal 900 R.P.M.
Exhaustion 370,680 C.F.M. @ 7.9" W.G.
Intake 373,910 C.F.M.
Top Cooling Elevation — + 1036.00'
Bottom Coal Elevation — + 458.25'
Depth — 577.75'
Entry Height — 14.0" Avg.
Entry Width — 14.0" Avg.
INSERT
SURFACE FACILITIES
BOWLBY SHAFT
SCALE 1" = 200'
JASPER WILLIAMSON
AREA 0.658 ACS
SMITH
12.49 ACS
BAILEY SHAFT PAN
Jeffrey 8-80-96 Axialflow - 8 Foot Fan to #1 Blade Position
Direct Driven at 900 R.P.M., 700 V. AC Motor
Operating @ 85 Amps. and Nominal 900 R.P.M.
Exhaustion 234,320 C.F.M. @ 7.5" W.G.
Intake 336,725 C.F.M.
Top Cooling Elevation — 1035.00'
Bottom Coal Elevation — 489.00'
Depth — 546.0'
Entry Height — 14.0" Avg.
Entry Width — 14.0" Avg.
880 FT/MIN
800 FT/MIN
870 FT/MIN
1000 FT/MIN
32000 C.F.M. @ 0.0% CH4
25490 C.F.M. @ 0.0% CH4
21000 C.F.M. @ 0.0% CH4
BAILEY
AREA 0.51 ACS
FIT TO 77
FIT TO 64
FIT TO 86
FIT TO 59
76
65