



VENT HOLES MARKING H₂O

- 1) Cherry Run 100 GPM
- 2) 1000' BEFORE CONC RD INTERSECTION 150 GPM
- 3)
- 4)
- 5)
- 6)

BOREHOLE - 12E

12E - SPRAY
FABIN CABLE
SPRAY TANK UPTO 4 DASH

TRANSFER HOLES #2
COMMUNICATIONS HOLE TO DAM
30 GPM

KEY FOR SYMBOLS

R	ROOF WATER
X	BOREHOLES
B	BOTTOM WATER
D	DRIPPERS
10	PUMP LOCATION
✓	STRIKE & DIP
→	FLOW DIRECTION
—	STREAMS
—	SURFACE MINE DRAINAGE FENCE
S	SEEP FROM COAL
★	SAMPLING POINT
★	SUMP STATION
—	2" WATER LINE
—	6" WATER LINE

GPM	FLOW RANGE KEY
0-25	0-25
25-100	25-100
100-200	100-200
200-500	200-500

ADD LINE TO EAST - SIZE
ADD LINES INTO NORTH

8
6
4
13 BUTT
44

1 MIDLAND 440 AC - 300 GPM	18 MIDLAND 550 DC - 60 GPM	35 MIDLAND 440 AC - 300 GPM	52 LABOUR 440 AC - 60 GPM	69 MIDLAND 440 AC - 300 GPM
2 FLIGHT 440 AC - 300 GPM	19 MIDLAND 550 DC - 60 GPM	36 MIDLAND 440 AC - 300 GPM	53 MIDLAND 550 DC - 60 GPM	70 FLIGHT 440 AC - 15 H.P.
3 MIDLAND 440 AC - 300 GPM	20 FLIGHT 440 AC - 13 H.P.	37 LABOUR 440 AC - 300 GPM	54 MIDLAND 440 AC - 300 GPM	71 MIDLAND 440 AC - 300 GPM
4 MIDLAND 550 DC - 300 GPM	21 MIDLAND 440 AC - 300 GPM	38 FLIGHT 440 AC - 30 H.P.	55 MIDLAND 440 AC - 60 GPM	72 MIDLAND 440 AC - 300 GPM
5 FLIGHT 440 AC - 15 H.P.	22 FLIGHT 440 AC - 13 H.P.	39 LABOUR 440 AC - 300 GPM	56 MIDLAND 440 AC - 300 GPM	73 MIDLAND 440 AC - 300 GPM
6 MIDLAND 550 DC - 60 GPM	23 MIDLAND 440 AC - 300 GPM	40 MIDLAND 440 AC - 60 GPM	57 MIDLAND 440 AC - 300 GPM	74 FLIGHT 440 AC - 13 H.P.
7 MIDLAND 550 DC - 60 GPM	24 MIDLAND 440 AC - 60 GPM	41 MIDLAND 550 DC - 60 GPM	58 FLIGHT 440 AC - 15 H.P.	75 FLIGHT 440 AC - 15 H.P.
8 FLIGHT 440 AC - 70 H.P.	25 MIDLAND 440 AC - 300 GPM	42 MIDLAND 440 AC - 60 GPM	59 FLIGHT 440 AC - 2 H.P.	76 MIDLAND 440 AC - 300 GPM
9 MIDLAND 550 DC - 300 GPM	26 MIDLAND 440 AC - 300 GPM	43 FLIGHT 440 AC - 15 H.P.	60 FLIGHT 440 AC - 2 H.P.	77 MIDLAND 440 AC - 300 GPM
10 MIDLAND 550 DC - 60 GPM	27 FLIGHT 440 AC - 30 H.P.	44 MIDLAND 440 AC - 60 GPM	61 FLIGHT 440 AC - 13 H.P.	78 MIDLAND 440 AC - 60 GPM
11 FLIGHT 440 AC - 2	28 FLIGHT 440 AC - 30 H.P.	45 LABOUR 440 AC - 60 GPM	62 FLIGHT 440 AC - 13 H.P.	
12 FLIGHT 440 AC - 15 H.P.	29 MIDLAND 440 AC - 60 GPM	46 MIDLAND 440 AC - 300 GPM	63 FLIGHT 440 AC - 15 H.P.	
13 FLIGHT 440 AC - 15 H.P.	30 MIDLAND 550 DC - 60 GPM	47 LABOUR 440 AC - 300 GPM	64 FLIGHT 440 AC - 15 H.P.	
14 FLIGHT 440 AC - 15 H.P.	31 LABOUR 440 AC - 300 GPM	48 MIDLAND 440 AC - 300 GPM	65 FLIGHT 440 AC - 15 H.P.	
15 MIDLAND 550 DC - 300 GPM	32 FLIGHT 440 AC - 30 H.P.	49 LABOUR 440 AC - 60 GPM	66 LABOUR 440 AC - 60 GPM	
16 LABOUR 550 DC - 60 GPM	33 FLIGHT 440 AC - 30 H.P.	50 FLIGHT 440 AC - 30 H.P.	67 FLIGHT 440 AC - 13 H.P.	
17 MIDLAND 550 DC - 60 GPM	34 LABOUR 440 AC - 300 GPM	51 LABOUR 440 AC - 60 GPM	68 FLIGHT 440 AC - 13 H.P.	

* FUTURE - WHEN INSTALLED WHEN 2" LINE INSTALLED

LUCERNE NO. 6 MINE - HELVETIA COAL CO.
BLACKLICK & CENTER TOWNSHIPS, INDIANA CO.
SCALE: 1" = 1000' DATE: 6-1-84

11-8-84
RPS

IMARS # 15045