SHEET 5

W71,000 W70,000 W69,000

S64000 S65000 S66000 S67000 S68000

25° ANGLE OF DRAW

SUBSIDENCE CONTROL PLAN BOUNDARY

80X FIRST MINING

WILBER BEATTY
80-X
16-06-107

TWP IND. 630

C-2 1060.46

C-3 1156.41

(T. S. MARSHALL)
(R & P COAL)

C-4 1201.52

C-6 1213.30

C-6 1188.49

C-7 1167.7

JAMES GALLAGHER
16-06-107.1

50% MINING

PAUL FEDAK
16-05-102.1

FIRST MINING

91-X

173-X

BILL KOPCHECK
16-05-102.4

PAUL FINK JR.
16-05-102.3

R. SHAFFER
16-05-102

(G. W. STAHL)
(R&P COAL)

S.G. BROWN
16-05-111 S

PAUL FINK SR.
171-S
16-05-102.2

16-05-102.3 A

JAMES SHIRLEY
172 X

FIRST MINING ONLY

C-8 1108.62

81-X

81-IX

R. J. HEATH
16-06-107.3

NO MINING

LUCERNE NO. 9 FAN NO. 2
JEFFREY 8HU96-DIRECT DRIVE
WATER GAUGE-
VOLUME-
FAN SPEED 705 R.P.M.
BLADE POSITION-4B4S
MOTOR H.P.-300
MOTOR SPEED-705 R.P.M.
MOTOR AMPS
MOTOR FULL LOAD-377 AMPS
MOTOR VOLTAGE-460
CYCLE-60
DEPTH OF SHAFT-426 FT.

S.G. BROWN
16-06-117

F. DeMARIA
16-05-106

16-05-106.1
II

16-05-106.2
II

F. DeMARIA

7 NORTH

6 NORTH

M. SINAN
16-06-115
62

NO. 2 SHAFT
COPING 1094.5
COAL 678.0
DEPTH 416.5

WATER RING-80
SURFACE 1094.5
COAL 678.0
DEPTH 416.5

16-05-103.2
II
F. DeMARIA

FASENMYER
16-05-103.3

FIRST MINING

10X

C-10 1088.74

C-11 1089.47

HELVETIA COAL CO.
16-06-117.1
90

MAINS

M. SINAN
16-06-115

SOUTH

FIT TO SHEET 12

POSTED 6-1-89 CONTEMPLATED MINING 6-1-89 TO 12-1-89

SHEET

HELVETIA COAL CO LUCERNE NO. 9 36-05374, 352-3
CONEMAUGH TWP INDIANA CO. LOWER FREEPORT SEAM