VIRTUS and LAURA CULLEN
(SURFACE)
SOLAR FUEL CO.
(E-SEAM COAL)

(E-SEAM COAL)
SOLAR FUEL CO.
(SURFACE)
DWIGHT and SARAH MILLER
to
LARRY MILLER

2ND SOUTH MAINS

(SURFACE)
TOMMY S. MILLER
(E-SEAM COAL)
GRANT SNYDER HEIRS

LAWRENCE VAN SICKLE

TOMMY S. MILLER

2ND NORTH MAINS

ELDORA LAND CO. (E-SEAM COAL) — NERI COAL CO. (E-SEAM COAL)

HARRY O. HORNER
(SURFACE)

LEONARD LICHVAR

LARRY MILLER

LARRY MILLER
(Surface)
ELDORA LAND CO.
(E-SEAM COAL)

P. RENNINGER

MT TABOR CHURCH OF CHRIST CEM

HORNER EVANGELICAL LUTHERAN CHURCH

DWIGHT MILLER TRACT

1ST NORTH BUTT

1ST SOUTH BUTT

"A"-1 BUTT

A-2 BUTT

A-3 BUTT

A-4 BUTT

1ST SOUTH BUTT CARRY MILLER TRACT

HARRY O. HORNER TRACT

MILTON LOHR TRACT

L. MANGES TRACT

ST JOSEPH'S CATHOLIC CEM

ANNIE L. ORHA TR

OLD STRIP AREA

OLD STRIP AREA

FAULTY WASHOUT - Unable to Develop

FAULTY WASHOUT
Unable to Develop

A 6" intake borehole has been drilled from the surface in part of the permanent Bleeder Plan for the entire 1st North Butt Into Panel A-4 and A-4 Left Butt are being Flooded. Final Bleeder Evaluation Points are Hole E, F, G, H, E-5, and F-5 of the Southeast Mains.

A 6-INCH BOREHOLE WAS DRILLED FROM THE SURFACE TO THE MINE WORKINGS AS PART OF THE BLEEDER SYSTEM PLAN FOR THE 1ST NORTH BUTT PANEL A-4 BUTT. THE HOLE PENETRATED AIR, SPLITTING LEFT AND RIGHT AT VARIOUS POINTS. IT WAS NOT POSSIBLE TO WALK THE BLEEDER, THIS HOLE WAS USED TO MEASURE THE PRESSURE BLEEDER AIR FLOW FROM THE SURFACE.

ACTIVE WORKINGS of SOLAR FUEL CO'S NO 5 MINE (Upper Freeport Coal Seam)

Mine Bench Mark 1970.00

Sta. 13 I.P.

Sta. 14 I.P.

Base Line N17° 38' 30"E 837.15 Ft.

LEGEND
ROADS
CREEK
PROPERTY LINE
DRILL HOLE
DWELLING — OTHERS
WATER WELL • SPRING ●
CEMENT STOPPING
OVERCAST
CONVEYOR BELT
SURVEY STATIONS "2" 4-Hole Pin

PREVIOUS SIX MONTHS MINING
FROM ____ TO ____

Subsidence Legend

Contemplated Mining — From JUNE 1, 1985 To DEC. 1, 1985

Minimum Plan For Protected Structures
Length of SA = 2(D)(.49)+(W)+.29 L
Width of SA = 2(D)(.49)+(W)+.29 L
(Left Or Right)

Dwelling Constructed Prior To April 27, 1966	Dwelling Constructed After April 27, 1966
50 % Mining Ratio	50 % Mining Ratio

Previous Six Month's Mining

Mining Completed

Definitions Of Abbreviations, Symbols, Etc., Used In Formulas & Examples
SA = Support Area Under Protected Structure From Which Only 50 % Of Coal Is Extracted
LS = Additional Support Added On Each Down-Dip Side Of Support Area (Required If Structure Is Located On Terrain Sloping Greater Than 5 %)
D = Depth Of Cover Of Overburden
L = Length Of Structure
W = Width Of Structure
.49 FEET = Safety Factor
.29 = Tangent Of 16 Degrees

Property Line
Barrier Line (No Mining)

Upper Freeport ("E") Coal Seam
PREPARED FOR
KESLAR COAL CO., INC.
P.O. Box 78, White, Penna. 15490

RALPHTON MINE
SITUATE IN
QUEMAHONING TWP, SOMERSET CO., PA.
Scale 1"=100'
100 FT 0 50 100 200
Date AUGUST 1, 1985

PREPARED BY:
EDWARD HELENIC, R.S. 19347-E
BOX E ARMAGH, PENNSYLVANIA 15920 PHN. 814/479-2155

Sheet 2 of 7

EXHIBIT "B"

Subsidence Legend

Contemplated Mining — From June 1, to Dec. 1, 1985

Minimum Plan For Protected Structures
Length of SA = 2(D)(.49)+(W)+.29 L
Width of SA = 2(D)(.49)+(W)+.29 L
(Left Or Right)

Dwelling Constructed Prior To April 27, 1966	Dwelling Constructed After April 27, 1966
50 % Mining Ratio	50 % Mining Ratio

Previous Six Months Mining

Mining Completed

Definitions Of Abbreviations, Symbols, Etc., Used In Formulas & Examples
SA = Support Area Under Protected Structure From Which Only 50 % Of Coal Is Extracted
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D = Depth Of Cover Of Overburden
L = Length Of Structure
W = Width Of Structure
.49 FEET = Safety Factor
.29 = Tangent Of 16 Degrees

Property Line
Barrier Line (No Mining)

Upper Freeport ("E") Coal Seam
PREPARED FOR
KESLAR COAL CO., INC.
P.O. Box 78, White, Penna. 15490

RALPHTON MINE
SITUATE IN
QUEMAHONING TWP, SOMERSET CO., PA.
Scale 1"=100'
100 FT 0 50 100 200
Date AUG. 1, 1985

PREPARED BY:
EDWARD HELENIC, R.S. 19347-E
BOX E ARMAGH, PENNSYLVANIA 15920 TELE. NO. 814-479-2155

5-24-85 EH

Sheet No. 1 of 7

EXHIBIT "B"