N 32,000

N 31,000

N 30,000

N 29,000

N 28,000

E 28,000

E 29,000

E 30,000

E 31,000

E 32,000

E 33,000

E 34,000

E 35,000

S – PA Game Commission
C –
105.8 Ac.

NOT NEEDED

S – William M. & Celine M. Tersine
C – T. Kavouras
41 Ac.

2/11/97

100'CL

S-55

W-47

SR-2023

2/12/97

T-450

BM 1599

W-44

S – F. Carlson
C –
91.3 Ac.

WEST EUREKA
WEST ERUREKA #1
ABANDONED
LF

W-38

S-75

GAS

W-46

NOT NEEDED

115A

111

2/11/97

2/12/97

LF

T-450

Gas Well
UCE
ACTIVE
WELL NO. 22153

S – Thomas & Lulu Kavouras
C – Thomas & Lulu Kavouras
115 Ac.

2/11/97

SHALE PIT ROAD

HHB

LF

S – Raymond A. & Shirley B. Smith
C – Sandy Lands (c/o Jesse Long)
71.6 Ac.

3/21/00

C-14

C-15

UNNAMED TRIB "3"

W-30

DRILL HOLE T-6

DRILL HOLE T-5

200' SAFETY ZONE

1-10

223

S – Raymond A. & Shirley B. Smith
C – Sandy Lands (c/o Jesse Long)
44.0 Ac.

9/3/99

71A

ABANDONED

LITTLE SANDY CREEK

S – Raymond A. & Shirley
C – Sandy Lands (c/o Jes
(c/o Jesse Long)
24.4 Ac.

3/21/00

plugged
PZ-3

SE 1912.7
BOC 1478.6
GWE 1612.7

S – Blood, Jenks & Winslow (c/o Jesse Long)
C – Sandy Lands (c/o Jesse Long)
86.3 Ac.

110

WAIVER

NFG 6" GAS LINE NO. 6

S – R. Perry II
C –
107.4 Ac.

116

SR 2023

UNNAMED TRIB "1"

C-16

K RUN

S-16

S – Robert K. & Irene Mennetti
C – Sandy Lands c/o Jesse Long
84.0 Ac.

2/12/97

SAFETY ZONE

112

S-70

S – Roger Ditmarsen
C – Jenks, Blood & Winslow
c/o Jesse Long
50.0 Ac.

168

171

S – T.W. Phillips Gas & Oil Co
C – T.W. Phillips Gas & Oil Co
50.0 Ac.

S – Seneca Resources Corp.
Oil & Gas Division
C – Sandy Lands (min.) c/o Jesse Long
41.0 Ac.

169

172

W-52 S.E. 1709.9
B.C. 1532.8
G.W.E. 1594.9

LEGEND

- UNDERGROUND/SUBSIDENCE PERMIT BOUNDARY
- DWELLING, STRUCTURE
- INVENTORIED BUILDING–SEE MODULE 18.1
- COMMERCIAL BUILDING
- PROTECTED ACT 54 STRUCTURE
- MIDDLE KITTANNING COAL CONTOUR
- MIDDLE KITTANNING COAL CROPLINE
- STREAM
- HYDRAULIC HEAD BARRIER
- 100' COVER LINE
- SURFACE ACTIVITY SITE
- ELECTRIC & TELEPHONE LINES

PROJECTED COAL MINING

PIEZOMETER

MINE PORTAL
LINEAR

6 MONTH MINING LINES (2/1/01 – 8/1/01)

SUPPORT AREA(No Second Mining)

PROPERTY LINE (OWNERSHIP KEYED TO MODULE 5)

PROPERTY WITHIN PERMIT (KEYED TO MODULE 5)

CONTIGUOUS PROPERTY (KEYED TO MODULE 5)

ZONE OF POTENTIAL INFLUENCE

CEMETERY

NO MINING/HYDRAULIC BARRIER ZONE

MINING FORCAST

COAL MINED

SHEET INDEX

1	2
3	4
5	6
7	8

– ABANDONED WELL AS SHOWN ON T.W.PHILLIPS MAP NOT FOUND IN FIELD–DIGITIZED

– ACTIVE WELL FIELD SURVEYED

– PLUGGED WELL FIELD SURVEYED

– DRY WELL AS SHOWN ON T.W.PHILLIPS MAP NOT FOUND IN FIELD–DIGITIZED

– GAS WELL MARK ON USGS QUAD. NOT FOUND IN FIELD–DIGITIZED

– GAS WELL MARK FROM A DEEP MINE MAP SUPPLIED FROM W.D. MOHNEY & ASSOCIATES.

NOTE: ORIGINAL MAPPING BY DOVERSPIKE BROS. COAL CO. ALL UNDERGROUND SURVEYING DONE BY APPLEGATE SERVICES Inc. ELDERTON, PA.

PROPOSED MINING TO BE CONDUCTED ON THE MIDDLE KITTANNING COAL SEAM

*SEE SHEET 1 FOR PROPERTY ID LIST

Laurel Energy, L.P.
One Energy Place
Suite 7500
Latrobe, PA 15650–9628

CONTRACTOR:
ANITA MINING COMPANY
RR #3, BOX 248
REYNOLDSVILLE, PA 15851

CME ENGINEERING
Civil Mining Environmental Engineering, Inc.
165 E. Union St., Suite 100, Somerset, PA 15501
814-443-3344 FAX: 814-444-0365 E-MAIL: info@cmeinc.com

Sandylands Mine
McCalmont Twp., Jefferson Co.
CMAP: No. 33961302

Module 22.6
FINAL MAP

CHECKED BY:	DATE:	SHEET NO:
JEF	12/11/01	SHEET 5 OF 8
DRAWING BY:	SCALE:	REVISED:
TWM	1"=200'	3/8/02