



LEGEND

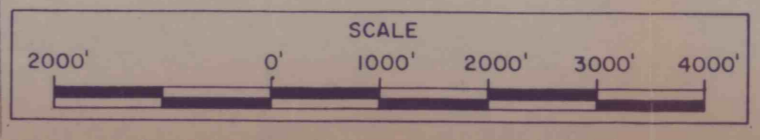
- CONTROLLED PROPERTIES - THE HELEN MINING COMPANY
- ADVERSE PROPERTY
- PROPERTIES RELEASED TO ORIGINAL OWNERS - BASED ON 1974 AMENDMENT
- DRILL HOLES PENETRATING (E) SEAM (WITH CLEAN COAL % SULFUR CONTENT WHEN AVAILABLE)
- ▲ MINE DATA POINTS - WITH CLEAN % SULFUR CONTENT WHEN AVAILABLE
- GAS WELL LOCATION
- OUTCROP - UPPER FREEPORT (E) SEAM
- 150' THEORETICAL CLEAN COAL % SULFUR ISOLINES @180 SPEC GRAV - DRY BASIS
- 48' UPPER FREEPORT (E) SEAM ISOPACHS
- 30' SEAM HEIGHT RESERVE CUT-OFF LINE (30')
- SURFACE MINED OVER AREAS
- DEEP MINE WORKINGS - INACTIVE
- DEEP MINE WORKINGS - ACTIVE
- MINING SEQUENCE BY QUARTER - 1981 ONLY

| Mining Period | ROM Tons (000) | | |
|---------------|----------------|----------|--------|
| | By Boyd Co. | By Helen | Sulfur |
| 1981 | 891 | 900 | 1.78 |
| 1982 | 1,084 | 1,024 | 1.80 |
| 1983 | 1,054 | 1,169 | 1.91 |
| 1984 | 1,257 | 1,270 | 1.78 |
| 1985 | 1,242 | 1,270 | 1.74 |
| 1986-1990 | 6,015 | 6,351 | 1.74 |
| 1991-1995 | 5,564 | 5,845 | 1.90 |
| | 17,107 | 17,829 | 1.81 |

Note: Theoretical clean coal - sulfur @ 1.80 specific gravity - dry basis (+ 100 mesh material).

MAP SHOWING PROPOSED MINING PLAN AND THEORETICAL CLEAN COAL % SULFUR @ 1.80 SPECIFIC GRAVITY - DRY BASIS UPPER FREEPORT (E) SEAM HOMER CITY #81 MINE THE HELEN MINING COMPANY PROPERTIES INDIANA COUNTY, PENNSYLVANIA PREPARED FOR PENNSYLVANIA ELECTRIC COMPANY AND NEW YORK STATE ELECTRIC & GAS CORPORATION SCALE 1" = 1000'

JOHN T. BOYD COMPANY ENGINEERS & GEOLOGICAL ENGINEERS
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P-1291
EXHIBIT 24



Note: Drill holes showing % Sulfur in parenthesis are estimated and have not been used to construct isolines.