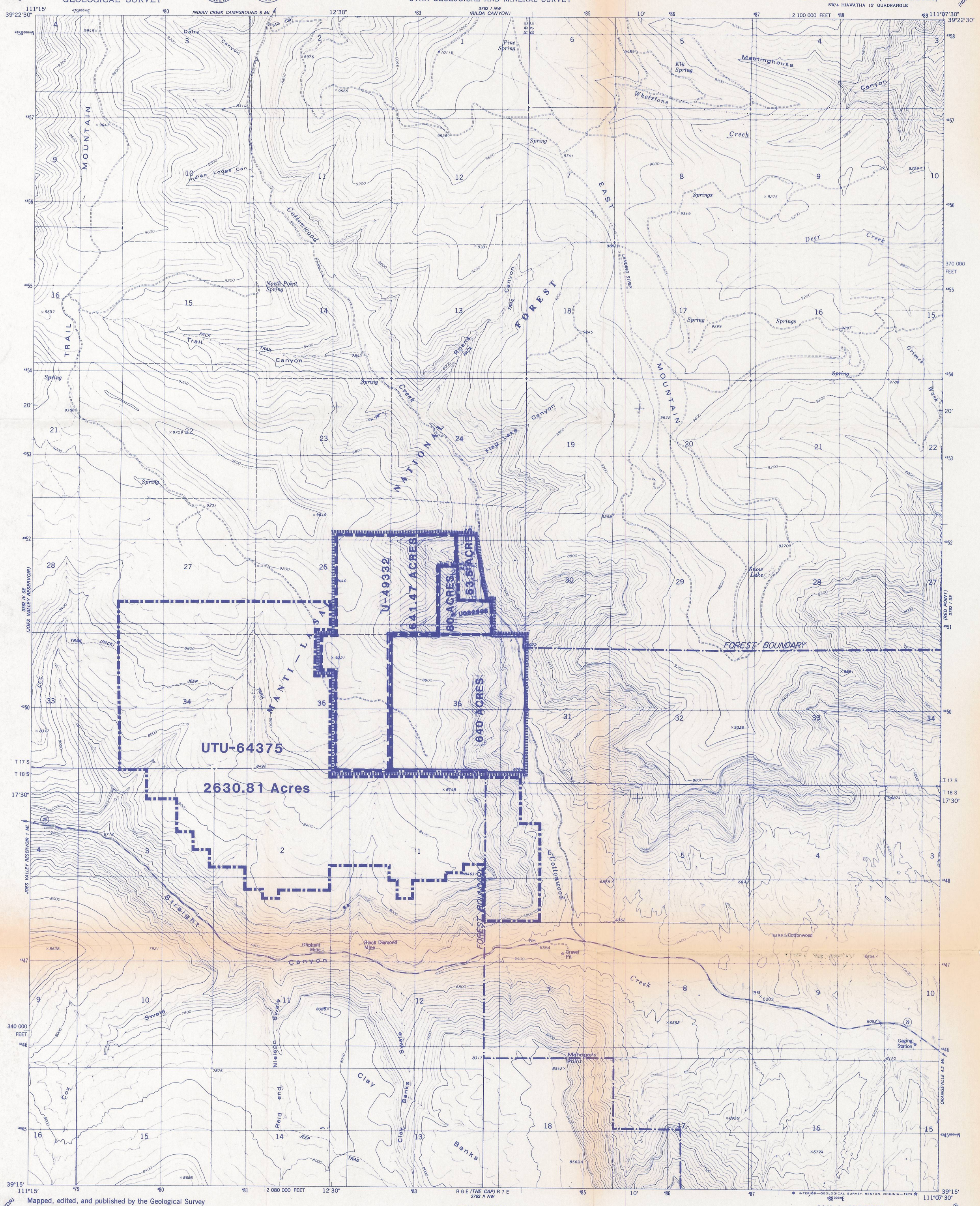
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF UTAH
UTAH GEOLOGICAL AND MINERAL SURVEY

MAHOGANY POINT QUADRANGLE
UTAH—EMERY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 HIAWATHA 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, and U.S. Forest Service

Topography by photogrammetric methods from aerial photographs taken 1970. Field checked 1974. Map edited 1979

Projection and 10,000-foot grid ticks: Utah coordinate system, central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American datum

Fine red dashed lines indicate selected fence lines

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

QUADRANGLE LOCATION

MAHOGANY POINT, UTAH
SW/4 HIAWATHA 15' QUADRANGLE
N3915—W11107.5/7.5

1979

DMA 3762 I SW—SERIES V897

PERMIT APPLICATION AREA

EXISTING PERMIT AREA BOUNDARY

Beaver Creek Coal Company

Trail Mountain No. 9 Mine

PERMIT AREA MAP

Prepared: K.S.F. A.P.C.	Scale: 1"=2000'	FIGURE 3-10
Department: Geology	Date: 3/15/88	
Drawn by:	REV. 11-15-88	

FIGURE 3-10