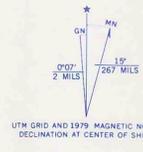


Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, and U.S. Forest Service
Topography by photogrammetric methods from aerial photographs
taken 1970. Field checked 1974. Map edited 1979
Projection and 10,000-foot grid ticks: Utah
coordinate system, central zone (Lambert 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



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

MAHOGANY POINT, UTAH
SW4 HAWATHA 15' QUADRANGLE
N3915-W11107.5/7.5
1979
DMA 3762 I SW-SERIES Y697

EXPLANATION

- T-1 ● SPRINGS WITH STATION NUMBERS
- D ● DEVELOPED SPRINGS (WITH STOCK WATERING TROUGH)
- b ● SPRINGS THAT ARE CURRENTLY BEING MONITORED FOR BASELINE DATA (USING DOGM 1986 REVISED WATER QUALITY MONITORING GUIDELINES) SEE APPENDIX 7-D(5) TRACT 2 MRP
- op ● SPRINGS THAT ARE CURRENTLY BEING MONITORED FOR OPERATIONAL PHASE DATA (USING DOGM 1986 REVISED WATER MONITORING GUIDELINES) SEE APPENDIX 7-D(5) TRACT 2 MRP
- 35-IP ○ POND RUNOFF FED
- POND - SPRING FED - CONSIDERED DEVELOPED BY THE USFS
- IN-MINE GROUND WATER MONITORING LOCATION WITH STATION NUMBER (UG-I)
- ▶ NPDES DISCHARGE LOCATIONS WITH STATION NUMBERS LOCATION 001 IS A DISCHARGE LOCATION FROM A SEDIMENTATION POND
LOCATION 002 IS AN IN-MINE DISCHARGE LOCATION AND IS METERED FOR FLOW (NOT IN SERVICE)
- ☞ WATER MONITORING LOCATIONS

- Ⓢ SURFACE WATER MONITORING LOCATION (COTTONWOOD CREEK) WITH STATION NUMBERS SW-1, SW-2, SW-3
- b LOCATION THAT IS CURRENTLY BEING MONITORED FOR BASELINE DATA (USING DOGM 1986 REVISED WATER QUALITY MONITORING GUIDELINES) SEE APPENDIX 7-D(5) TRACT 2 MRP
- op LOCATION THAT IS CURRENTLY BEING MONITORED FOR OPERATIONAL PHASE DATA (USING DOGM 1986 REVISED WATER QUALITY MONITORING GUIDELINES) SEE APPENDIX 7-D(5) TRACT 2 MRP
- MONITORING WELL WITH STATION NUMBERS TM-1, TM-2
- TRACT 1 PERMIT AREA (PERMIT NUMBER ACT/015/009)
- TRACT 2 PERMIT AREA (LEASE NUMBER U - 49332)
- ▬▬▬▬▬ THE PROJECT MAXIMUM AREA OF SUBSIDENCE AT THE SURFACE - THIS PROJECTION CONFORMS WITH THE ANGLE-OF-DRAW VALUES FOUND IN CHAPTER 12 OF TRAIL MOUNTAIN COAL CO. TRACT 2 MRP
- TM-3* TM-3* IS A PROPOSED IN-MINE MONITORING WELL AND WILL BE DRILLED AFTER AREA IS MINED
- ★ WATER RIGHTS LOCATION — FS-112 = U.S. FOREST SERVICE WATER RIGHT
93-709 = WATER RIGHT DESIGNATION

Beaver Creek Coal Company

TRAIL MOUNTAIN #9 MINE

WATER MONITORING LOCATIONS

DISCHARGE LOCATIONS

REVISION	DATE	BY	GEOLOGY BY
2/86 APC			
1/87 APC			
3/87 APC			
3/25/87 APC			
6/87 APC			
2/90 DWG			
5/90 K.S.F.			
3-1-91 L.W.J.			

SCALE 1:2000

SHEET ____ OF ____
DWG. NO. _____

FIGURE 7-9