U-024317

FEE

U-06039

SL-051221

U-28810

U-014275

SL-050862

U-024319

U-47977

U-47979

T.16S.
T.17S.

U-084923

SL-064607
-064621

S.U.L.A. #284

SL-070645
U-02292

DETAILED INFORMATION IS NOT AVAILABLE IN THIS AREA

SL-066116

FEE

U-02664

U-04015

U-1358

SL-064900

U-1358

U-044028

SL-050033

FOREST SERVICE
SPECIAL USE PERMIT

U-47978

T.17S.
T.18S.

N

WILBERG MINE
"LONG TERM WATER SOURCES"

LOCATION #	LOCATION DESCRIPTION	TYPE
1	2nd SOUTH SC-01 & c-0-01	IN MINE DRILL HOLE
2	4th EAST SC-25 25 + EM-25	SURFACE DRILL HOLE

LOCATION	HYDROLOGIC MONITORING WELLS		
WCP-1	5TH WEST	SC-08	08
WCP-2	3RD SOUTH	SC-24	24
WCP-3	3RD SOUTH	SC-44	25

MINE WORKINGS UPDATED TO: FEB 28, 1992 EJL

LEGEND

- U.P.&L.CO. PERMIT BOUNDARY LINE
- FEDERAL COAL LEASE BOUNDARY LINE
- COAL OUTCROP
- FAULTS
- SECTION CORNER
- FOUND SECTION CORNER
- EM-26C — SURFACE DRILL HOLE (EM-26C = East Mtn. Drill Hole No. 26, C = Core, R = Rotary)
- IN MINE DRILL HOLE (+ = Completed, o = Proposed)
- ROADS
- U-47978 — FEDERAL COAL LEASE NUMBER
- SANDSTONE ROOF
- DIRECTION OF CURRENT
- SANDSTONE CHANNEL (NOT IN DIRECT CONTACT WITH THE COAL SEAM)

LEGEND

- 1 — LOCATION NUMBER
- LONG TERM MONITORING LOCATION
- a-41 — PAST MONITORING LOCATION (PRIOR TO 1991) LAST YEAR OF MEASURABLE FLOW
- 1 — WATER SOURCE TYPE (SEE FIGURE A.1 IN HYDROLOGIC MONITORING REPORT)
- 1 SANDSTONE CHANNEL
- 2 FAULT
- 3 JOINTS & FRACTURES
- 4a ROOF BOLT HOLE
- 4b EXPLORATION BORE HOLE

RECEIVED
JUN 0 5 1992
DIVISION OF
OIL GAS & MINING

DATE	REVISIONS	BY	CHK
5-20-92	UPDATED MINE WORKINGS TO FEB 28, 1992	KJL	
4-08-92	ADDED LONG TERM MONITORING LOCATIONS (WCP-1, WCP-2 AND WCP-3)	KJL	JRC
4-30-91	REVISED SANDSTONE CHANNELS AND UPDATE MINE WORKINGS	KJL	
2-20-91	UPDATED WORKINGS & ADDED DOTS TO DRILL HOLE MPC-8	JRC	
8-24-90	ADDED FEDERAL LEASE CLAIMS TO UPC CO. PERMIT BOUNDARY	KJL	
6-24-90	ADDED COTTONWOOD/WILBERG MINE PERMIT AREA BOUNDARY	KJL	
4-1-88	ADDED HYDROLOGIC MONITORING WELLS MW-1 TO MW-4	JRK	
2-22-88	REVISED ROOF STRATIGRAPHY, UPDATED MINE WORKINGS THRU 12-31-87 & ADDED MINE WORKINGS THRU 1-31-88	KJL	
10-17-86	REVISED ROOF LITHOLOGY IN S.A. 1 & 1 EAST & 1st SOUTH TO 2nd SOUTH AREA	CBM	

HM-3

EAST MOUNTAIN PROPERTY

EMERY COUNTY, UTAH

HIAWATHA COAL SEAM
IN-MINE WATER MONITORING LOCATIONS

UTAH POWER & LIGHT COMPANY
MINING DIVISION-SALT LAKE CITY, UTAH 84110

DATE: SEPTEMBER 4, 1984	DRAWN BY: C.B.M.	DRAWING NUMBER: CE-10532-WB
SCALE: 1" = 1000'	CHECKED BY:	

SUPERSEDES DWG. NCD-10402-WB

Information contained herein has been reviewed and been found to be true and accurate to the best of my knowledge.

License issued 9/7/78 and expires 4/30/93.

STATE OF UTAH
KENNETH L. JONES
No. 5000
LICENSED
PROFESSIONAL ENGINEER
AT LARGE