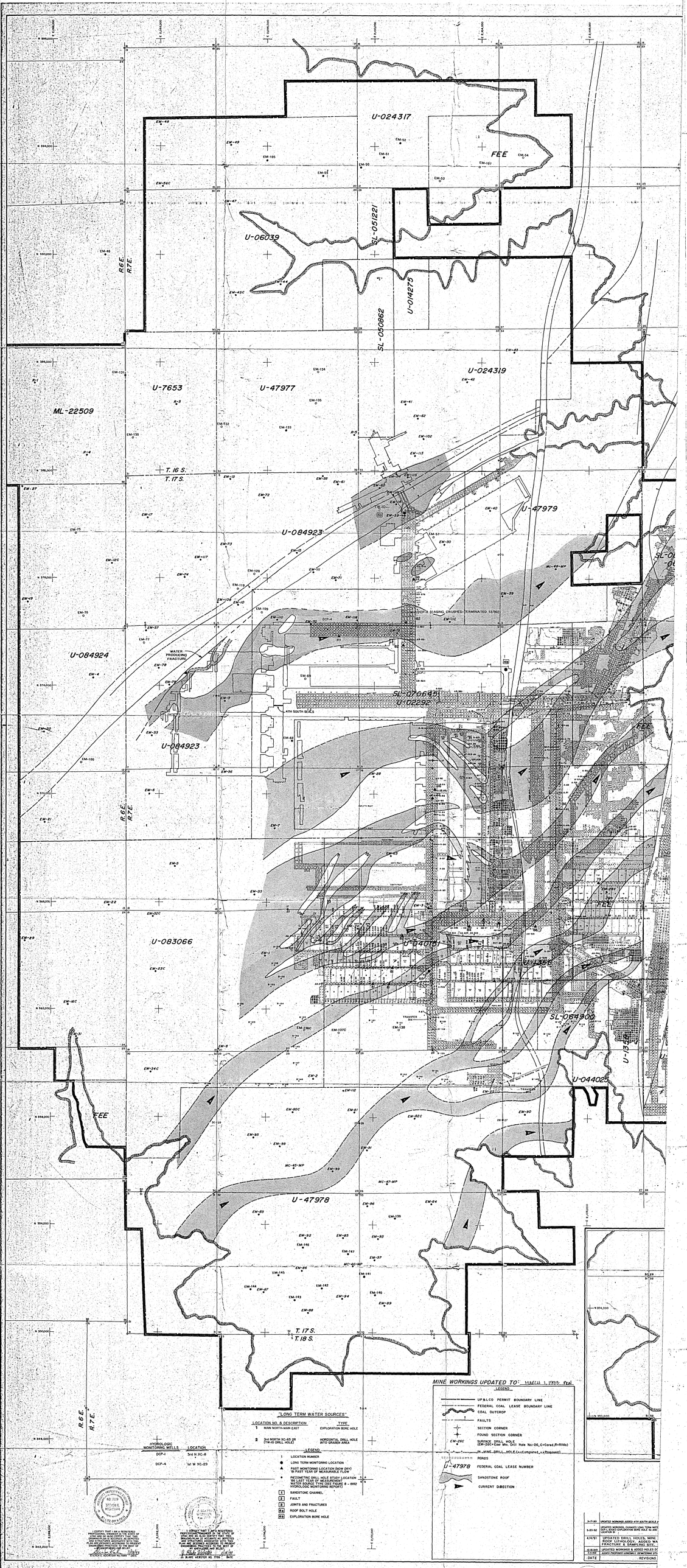
U-024317
FEE
U-06039
U-05121
U-014275
SL-050862
U-024319
U-7653
U-47977
ML-22509
U-47979
U-084923
U-084924
WATER PRODUCING FRACTURE
SL-070645
U-02292
4TH SOUTH SEALS
U-083066
U-0401(A)
U-0356
SL-064900
U-044025
U-47978
T. 16 S.
T. 17 S.
T. 17 S.
T. 18 S.
R.6 E.
R.7 E.
DCP-5 (CASING CRUSHED-TERMINATED 12/90)
MINE WORKINGS UPDATED TO: MARCH 1, 1992 FEM
"LONG TERM WATER SOURCES"
LOCATION NO. & DESCRIPTION
TYPE
1 MAIN NORTH MAIN EAST
EXPLORATION BORE HOLE
2 2nd NORTH XC-65 DR (TW-ID DRILL HOLE)
HORIZONTAL DRILL HOLE INTO GRABEN AREA
HYDROLOGIC MONITORING WELLS
LOCATION
DCP-1
3rd N XC-8
DCP-4
1st W XC-29
LEGEND
LOCATION NUMBER
LONG TERM MONITORING LOCATION
PAST MONITORING LOCATION (NOW DRY) 'B' PAST YEAR OF MEASURABLE FLOW
PIEZOMETRIC DRILL HOLE STUDY LOCATION '88 LAST YEAR OF MEASUREMENT WATER SOURCE, TYPE (SEE FIGURE 8 - 1982 HYDROLOGIC MONITORING REPORT)
SANDSTONE CHANNEL
FAULT
JOINTS AND FRACTURES
ROOF BOLT HOLE
EXPLORATION BORE HOLE
UP & LCO PERMIT BOUNDARY LINE
FEDERAL COAL LEASE BOUNDARY LINE
COAL OUTCROP
FAULTS
SECTION CORNER
FOUND SECTION CORNER
SURFACE DRILL HOLE (EM-26C= Exxr Min. Drill Hole No.-26, C=Cored, R=Rotd)
IN MINE DRILL HOLE (+=Completed, ++Proposed)
ROADS
U-47978 FEDERAL COAL LEASE NUMBER
SANDSTONE ROOF
CURRENT DIRECTION
CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH AND AS SUCH CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND ASSOCIATED WITH THIS PLAN ARE ACCURATE ACCORDING TO PRESENT UNDERSTANDING AND BELIEF AS OF
R. BLAKE WORTEN NO. 7778 DATE
CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH AND AS SUCH CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND ASSOCIATED WITH THIS PLAN ARE ACCURATE ACCORDING TO PRESENT UNDERSTANDING AND BELIEF AS OF
R. BLAKE WORTEN NO. 7778 DATE
3-17-93 UPDATED WORKINGS ADDED WITH SOUTH SEALS
5-20-92 UPDATED WORKINGS, CHANGED LONG TERM WATER SOURCE NO. 2 EXPLORATION BORE HOLE to DRY HOLE
4/6/91 UPDATED DRILL HOLES, MINE, ROOF LITHOLOGY, ADDED MR. FRACTURE & SAMPLING SITE.
2/28/89 UPDATED WORKINGS & ADDED HOLES BY
ADDED PROPOSED CONTINUOUS MINER DRILL HOLES
DATE
REVISIONS