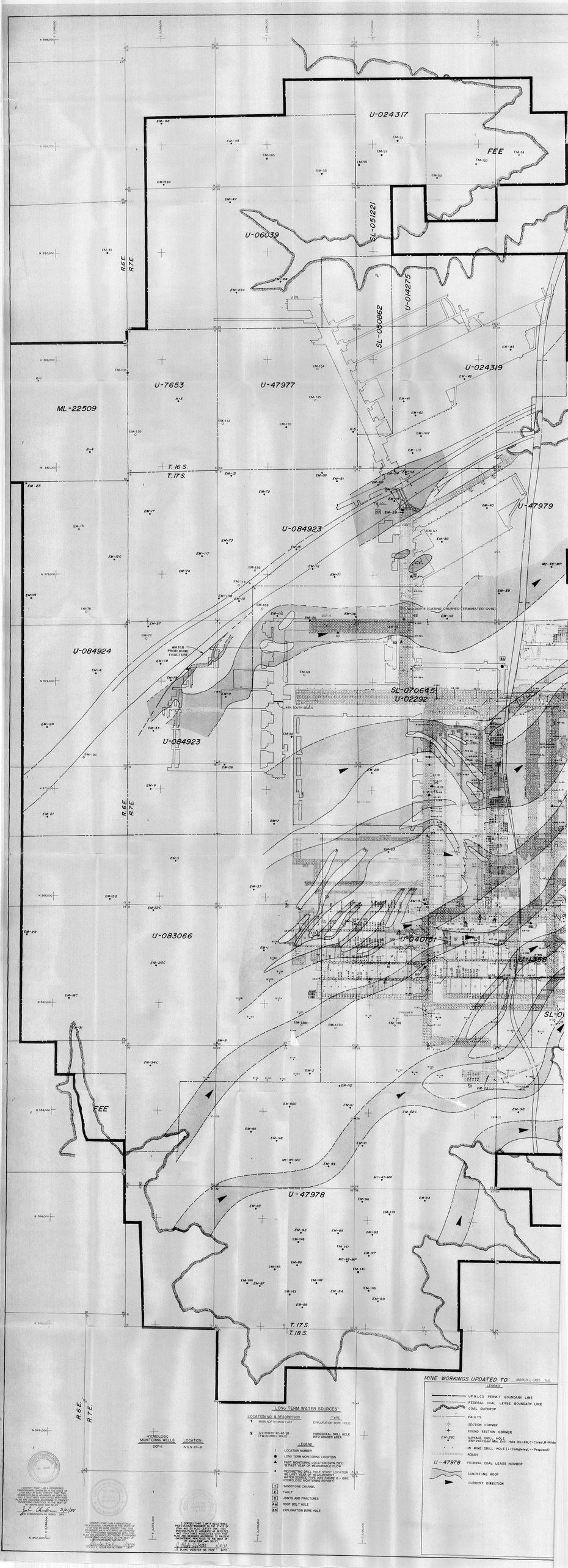
U-024317
FEE
U-06039
SL-051221
U-014275
SL-050862
U-024319
U-7653
U-47977
ML-22509
T. 16 S.
T. 17 S.
U-47979
U-084923
U-084924
WATER PRODUCING FRACTURES
DCP-2 (CASING CRUSHED-TERMINATED 12/90)
SL-070645
U-02292
4TH SOUTH SEALS
U-084923
R. 6 E.
R. 7 E.
U-083066
U-40081
U-1356
SL-01
FEE
U-47978
T. 17 S.
T. 18 S.
MINE WORKINGS UPDATED TO: MARCH 1, 1995 K.J.L.
LEGEND
UP&LCO PERMIT BOUNDARY LINE
FEDERAL COAL LEASE BOUNDARY LINE
COAL OUTCROP
FAULTS
SECTION CORNER
FOUND SECTION CORNER
EM-26C SURFACE DRILL HOLE (EM-26C= East Mn. Drill Hole No.:26, C=Cored,R=Rlded)
IN MINE DRILL HOLE (+=Completed, ◦=Proposed)
ROADS
U-47978 FEDERAL COAL LEASE NUMBER
SANDSTONE ROOF
CURRENT DIRECTION
"LONG TERM WATER SOURCES"
LOCATION NO. & DESCRIPTION
TYPE
1 MAIN NORTH-MAIN EAST
EXPLORATION BORE HOLE
2 3rd NORTH XC-8S 3W (TW-10 DRILL HOLE)
HORIZONTAL DRILL HOLE INTO GRABEN AREA
LEGEND
1 LOCATION NUMBER
LONG TERM MONITORING LOCATION
FIELD MONITORING LOCATION (NOW DRY) W/ PAST NEAR OF MEASURABLE FLOW
PIEZOMETRIC DRILL HOLE STUDY LOCATION (TW-10 DRILL HOLE) (SEE FIGURE 8 - 0982 WATER SOURCE TYPE (SEE FIGURE 8 - 0982 HYDROLOGIC MONITORING REPORT)
1 SANDSTONE CHANNEL
2 FAULT
3 JOINTS AND FRACTURES
RB ROOF BOLT HOLE
EB EXPLORATION BORE HOLE
HYDROLOGIC MONITORING WELLS
LOCATION
DCP-1
3rd N XC-8
I CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH AND DO ALSO CERTIFY THAT THE MINE WORKINGS, SURFACE DRILL HOLES AND STRUCTURES ASSOCIATED WITH THE PRESENT MINE WORKINGS SHOWN ON THIS ENGINEERING PRINCIPLES TO THE BEST OF MY KNOWLEDGE AND BELIEF.
JOHN CHRISTENSEN NO. 6262 DATE
I CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH AND DO ALSO CERTIFY THAT THE MINE WORKINGS, SURFACE DRILL HOLES AND STRUCTURES ASSOCIATED WITH THE PRESENT MINE WORKINGS SHOWN ON THIS ENGINEERING PRINCIPLES TO THE BEST OF MY KNOWLEDGE AND BELIEF.
STEVEN K. VERSTER SC-7769 DATE
I CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH AND DO ALSO CERTIFY THAT THE MINE WORKINGS, SURFACE DRILL HOLES AND STRUCTURES ASSOCIATED WITH THE PRESENT MINE WORKINGS SHOWN ON THIS ENGINEERING PRINCIPLES TO THE BEST OF MY KNOWLEDGE AND BELIEF.
JL BLAKE VERSTER NO. 7769 DATE