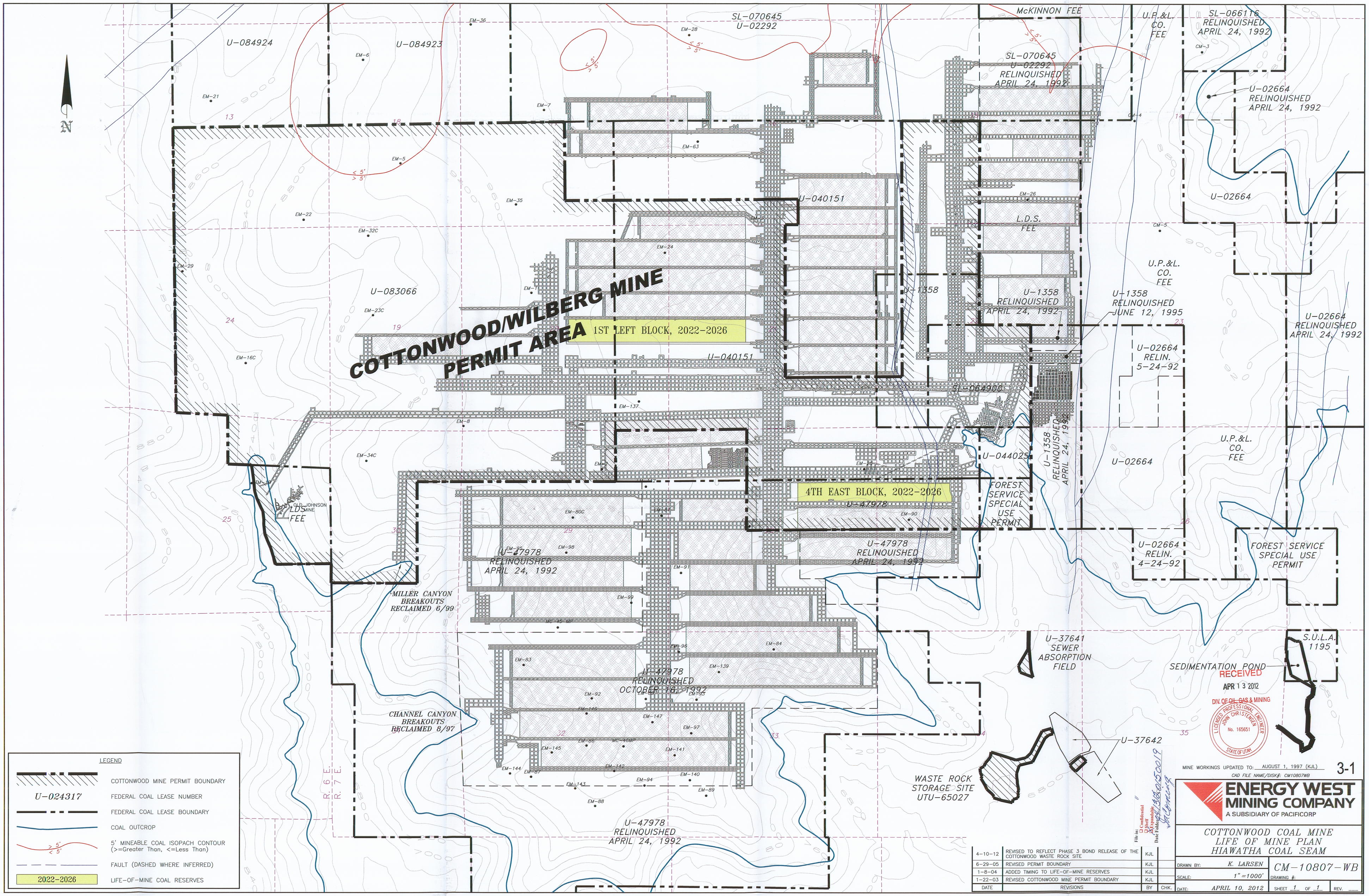
N
U-084924
U-084923
SL-070645
U-02292
McKINNON FEE
U.P.&L. CO. FEE
SL-066116
RELINQUISHED
APRIL 24, 1992
SL-070645
U-02292
RELINQUISHED
APRIL 24, 1992
U-02664
RELINQUISHED
APRIL 24, 1992
U-02664
U-040151
L.D.S. FEE
U-083066
COTTONWOOD/WILBERG MINE
PERMIT AREA
1ST LEFT BLOCK, 2022-2026
U-1358
U-1358
RELINQUISHED
APRIL 24, 1992
U-1358
RELINQUISHED
JUNE 12, 1995
U-02664
RELIN.
5-24-92
U-02664
RELINQUISHED
APRIL 24, 1992
U-040151
SL-064900
U-044025
U-1358
RELINQUISHED
APRIL 24, 1992
U-02664
U.P.&L. CO. FEE
4TH EAST BLOCK, 2022-2026
U-47978
FOREST SERVICE SPECIAL USE PERMIT
JOHNSON MINE
L.D.S. FEE
U-47978
RELINQUISHED
APRIL 24, 1992
U-47978
RELINQUISHED
APRIL 24, 1992
U-02664
RELIN.
4-24-92
FOREST SERVICE SPECIAL USE PERMIT
MILLER CANYON BREAKOUTS RECLAIMED 6/99
U-37641
SEWER ABSORPTION FIELD
S.U.L.A. 1195
SEDIMENTATION POND
U-47978
RELINQUISHED
OCTOBER 18, 1992
CHANNEL CANYON BREAKOUTS RECLAIMED 8/97
U-37642
WASTE ROCK STORAGE SITE UTU-65027
U-47978
RELINQUISHED
APRIL 24, 1992
R. 6 E.
R. 7 E.
LEGEND
COTTONWOOD MINE PERMIT BOUNDARY
U-024317
FEDERAL COAL LEASE NUMBER
FEDERAL COAL LEASE BOUNDARY
COAL OUTCROP
5' MINEABLE COAL ISOPACH CONTOUR (>=Greater Than, <=Less Than)
FAULT (DASHED WHERE INFERRED)
2022-2026
LIFE-OF-MINE COAL RESERVES
RECEIVED
APR 13 2012
DIV. OF OIL, GAS & MINING
LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH
MINE WORKINGS UPDATED TO: AUGUST 1, 1997 (KJL)
CAD FILE NAME/DISK#: CM10807WB
3-1
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
COTTONWOOD COAL MINE
LIFE OF MINE PLAN
HIAWATHA COAL SEAM
DRAWN BY: K. LARSEN
CM-10807-WB
SCALE: 1"=1000'
DRAWING #:
DATE: APRIL 10, 2012
SHEET 1 OF 1
REV.
4-10-12 REVISED TO REFLECT PHASE 3 BOND RELEASE OF THE COTTONWOOD WASTE ROCK SITE KJL
6-29-05 REVISED PERMIT BOUNDARY KJL
1-8-04 ADDED TIMING TO LIFE-OF-MINE RESERVES KJL
1-22-03 REVISED COTTONWOOD MINE PERMIT BOUNDARY KJL
DATE REVISIONS BY CHK.