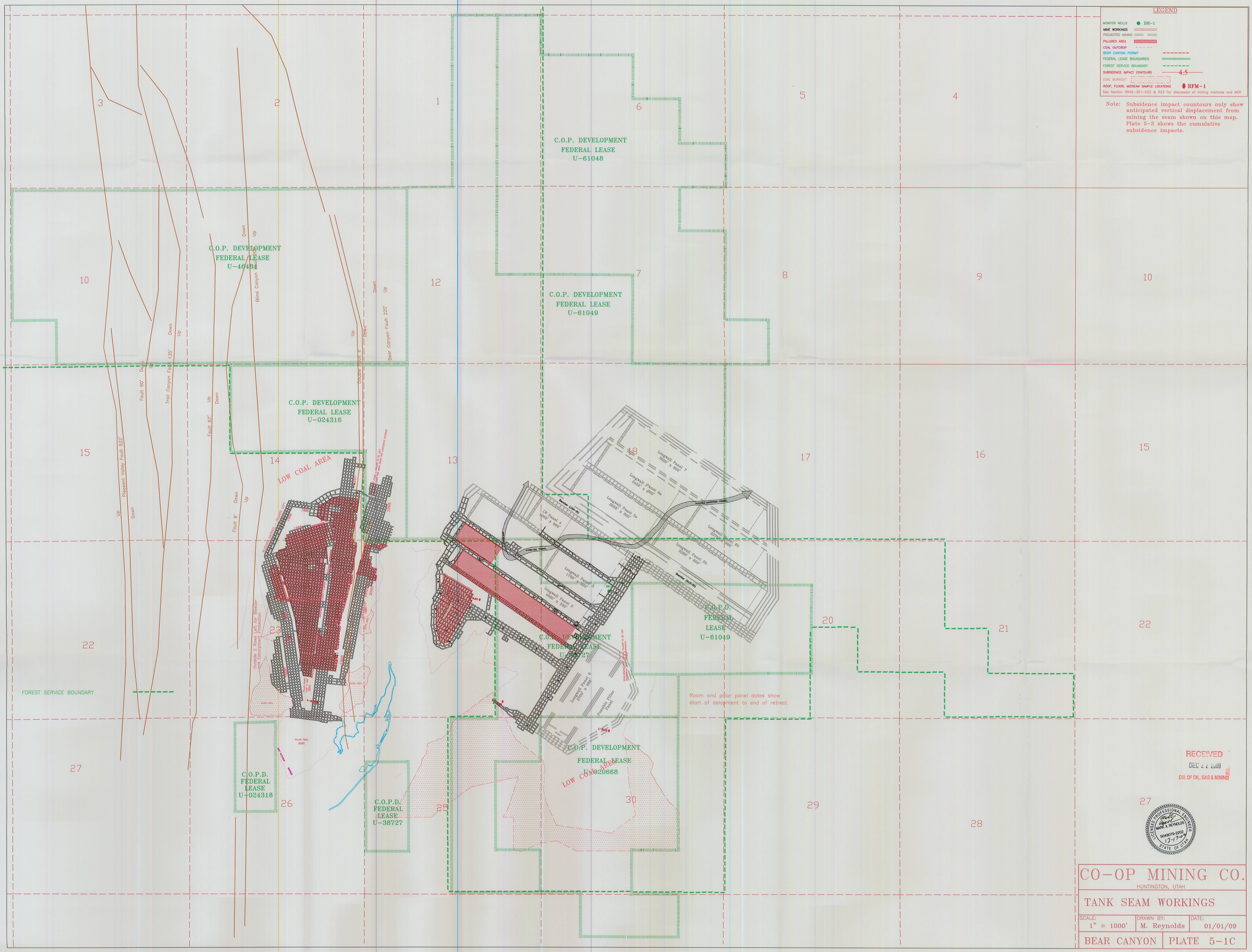
LEGEND
MONITOR WELLS DH-1
MINE WORKINGS
PROJECTED MINING
PILLARED AREA
COAL OUTCROP
BEAR CANYON PERMIT
FEDERAL LEASE BOUNDARIES
FOREST SERVICE BOUNDARY
SUBSIDENCE IMPACT CONTOURS 4.5
COAL BURNOUT
ROOF, FLOOR, MIDSEAM SAMPLE LOCATIONS RFM-1
See Section R645-301-522 & 523 for discussion of mining methods and MER
Note: Subsidence impact countours only show anticipated vertical displacement from mining the seam shown on this map. Plate 5-3 shows the cumulative subsidence impacts.
C.O.P. DEVELOPMENT FEDERAL LEASE U-61048
C.O.P. DEVELOPMENT FEDERAL LEASE U-61049
C.O.P. DEVELOPMENT FEDERAL LEASE U-46434
C.O.P. DEVELOPMENT FEDERAL LEASE U-024316
C.O.P. DEVELOPMENT FEDERAL LEASE U-38727
C.O.P. DEVELOPMENT FEDERAL LEASE U-020668
C.O.P.D. FEDERAL LEASE U-61049
C.O.P.D. FEDERAL LEASE U-024318
C.O.P.D. FEDERAL LEASE U-38727
LOW COAL AREA
FOREST SERVICE BOUNDARY
Room and pillar panel dates show start of development to end of retreat.
Blind Canyon Fault
Double Fault 'B'
Beer Canyon Fault 220'
Trail Canyon Fault 135'
Fault 60'
Fault 67'
Fault 8'
Pleasant Valley Fault 527'
Longwall Panel 7 3800' x 800'
Longwall Panel 6a 2400' x 800'
Longwall Panel 5a 2040' x 800'
Longwall Panel 5b 3360' x 800'
Longwall Panel 4 1200' x 800'
Longwall Panel 2 4600' x 800'
Longwall Panel 9 2100' x 800'
Tunnelbie Pillar Panel
Barrier (U.S.P.-A)
Barrier (U.S.P.-B)
MAINLINE DRAINTUNNEL CHANNEL
TUNNELTOW CHANNEL
Outside 2 Rows Left for Bleeder and Escarpment Protection
PILLAR PANEL 2002
RECEIVED
DEC 22 2009
DIV. OF OIL, GAS & MINING
LICENSED PROFESSIONAL ENGINEER
MARK A. REYNOLDS
6049079-2202
12-17-09
STATE OF UTAH
CO-OP MINING CO.
HUNTINGTON, UTAH
TANK SEAM WORKINGS
SCALE: 1" = 1000'
DRAWN BY: M. Reynolds
DATE: 01/01/09
BEAR CANYON
PLATE 5-1C