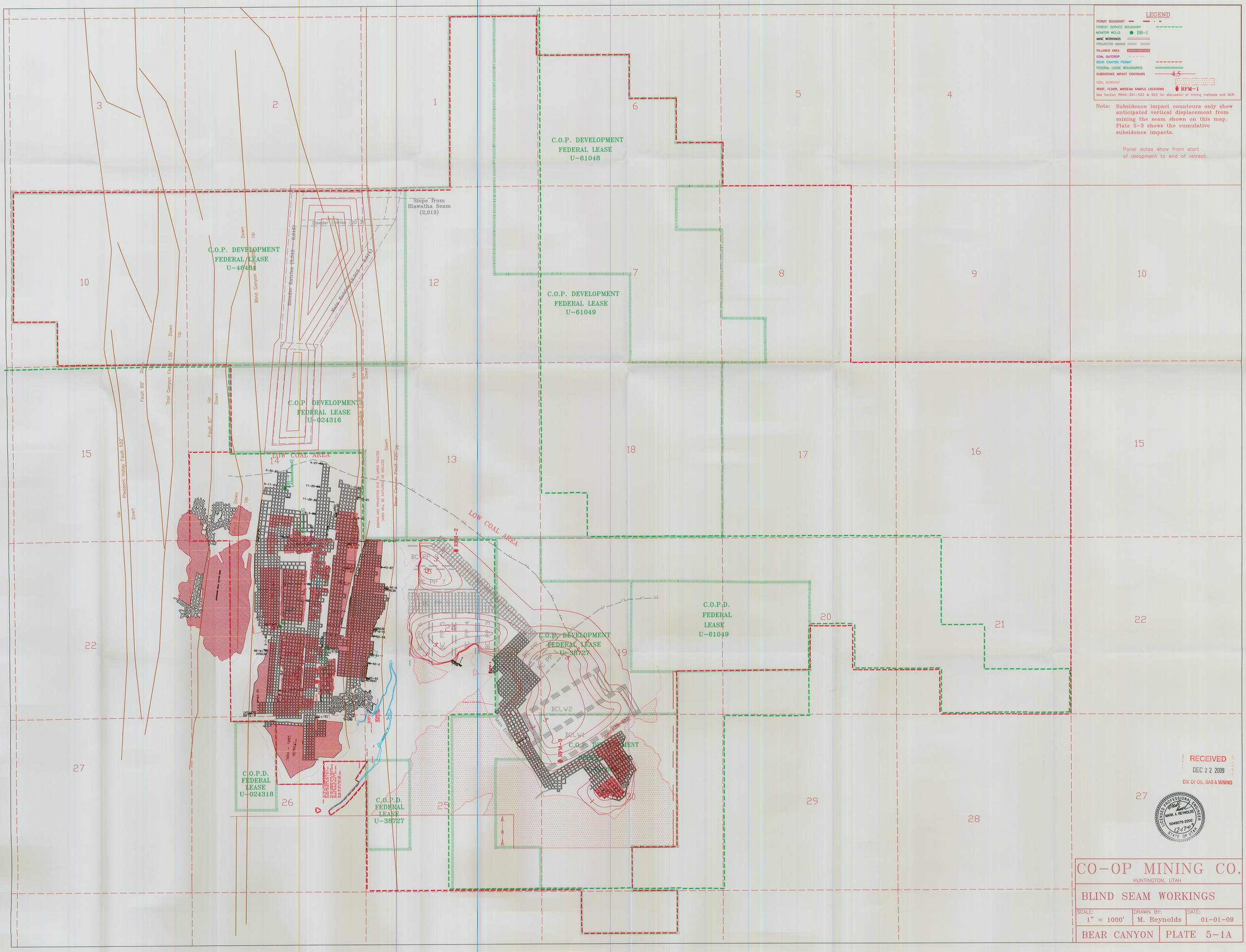
LEGEND
PERMIT BOUNDARY
FOREST SERVICE BOUNDARY
MONITOR WELLS DH-1
MINE WORKINGS
PROJECTED MINING
PILLARED AREA
COAL OUTCROP
BEAR CANYON PERMIT
FEDERAL LEASE BOUNDARIES
SUBSIDENCE IMPACT CONTOURS 4.5
COAL BURNOUT
ROOF, FLOOR, MIDSEAM SAMPLE LOCATIONS RFM-1
See Section R645-301-522 & 523 for discussion 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.
Panel dates show from start of delopment to end of retreat.
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.D. FEDERAL LEASE U-61049
C.O.P.D. FEDERAL LEASE U-024318
C.O.P.D. FEDERAL LEASE U-38727
C.O.P. DEVELOPMENT FEDERAL LEASE U-38727
Slope from Hiawatha Seam (2,013)
Bleeder Entries (2,013)
Bleeder Entries (2,015 - 2,018)
Main Entries (2,014 - 2,016)
Blind Canyon Fault 200'
Trail Canyon Fault 135'
Fault 60'
Fault 67'
Pleasant Valley Fault 522'
Bear Canyon Fault 220'
Dogue Fault 8'
LOW COAL AREA
(AREA NOT PROJECTED DUE TO LARGE FAULTS) AREA WILL BE EXPLORED (OR DRILLED)
Abandoned
RFM-2
RFM-8
BCLW2
BCLW1
BC PP 7
BC PP 6
BC PP 5
BC PP 4
BC PP 3
Main Entries
RECEIVED
DEC 22 2009
DIV. OF OIL, GAS & MINING
LICENSED PROFESSIONAL ENGINEER
MARK A. REYNOLDS
5049079-2202
12-17-09
STATE OF UTAH
CO-OP MINING CO.
HUNTINGTON, UTAH
BLIND SEAM WORKINGS
SCALE: 1" = 1000'
DRAWN BY: M. Reynolds
DATE: 01-01-09
BEAR CANYON
PLATE 5-1A