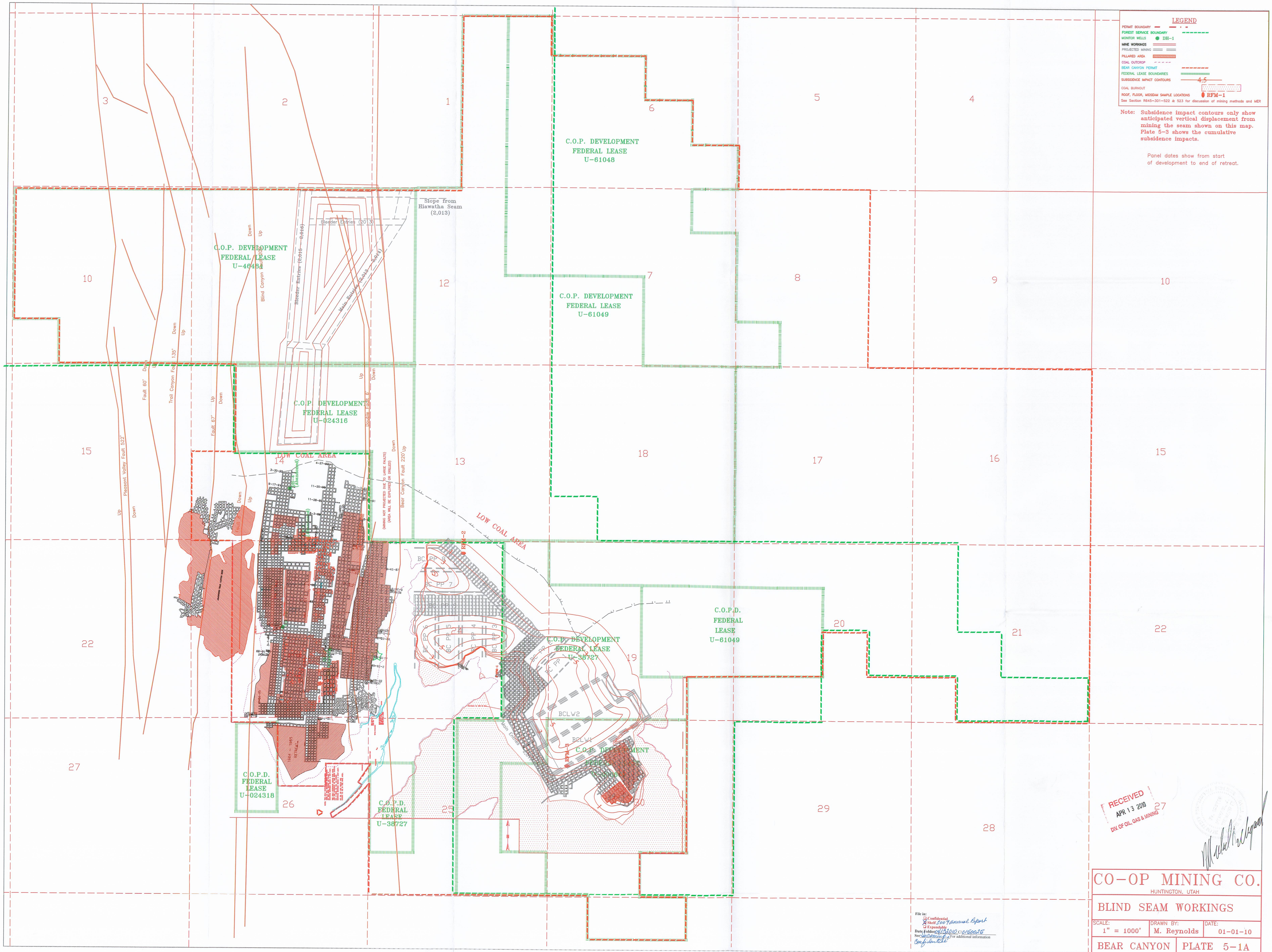
LEGEND
PERMIT BOUNDARY
FOREST SERVICE BOUNDARY
MONITOR WELLS DH-1
MINE WORKINGS
PROJECTED MINING
PILLARED AREA
COAL OUTCROP
BEAR CANYON PERMIT
FEDERAL LEASE BOUNDARIES
SUBSIDENCE IMPACT CONTOURS 4.5
COAL BURNOUT
ROOF, FLOOR, MIDSEAM SAMPLE LOCATIONS RFM-1
See Section R645-301-522 & 523 for discussion of mining methods and MER
Note: Subsidence impact contours 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 development 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-024316
C.O.P. DEVELOPMENT FEDERAL LEASE U-38727
C.O.P.D. FEDERAL LEASE U-61049
C.O.P.D. FEDERAL LEASE U-024318
C.O.P.D. FEDERAL LEASE U-38727
Slope from Hiawatha Seam (2,013)
Bleeder Entries (2013)
Bleeder Entries (2,015 - 2,016)
Main Entries (2,013 - 2,014)
Blind Canyon Fault 135'
Trail Canyon Fault 135'
Fault 60'
Fault 67'
Pleasant Valley Fault 522'
Double Fault 6'
Bear Canyon Fault 220'
LOW COAL AREA
LOW COAL AREA
BC PP 3
BC PP 7
BCLW2
BCLW1
RFM-2
RFM-3
RECEIVED
APR 13 2010
DIV. OF OIL, GAS & MINING
CO-OP MINING CO.
HUNTINGTON, UTAH
BLIND SEAM WORKINGS
SCALE: 1" = 1000'
DRAWN BY: M. Reynolds
DATE: 01-01-10
BEAR CANYON
PLATE 5-1A
File in:
Confidential
Shelf 2009 annual Report
Expandable
Date Folder 04/13/2010 01/50025
See Incoming For additional information
Confidential