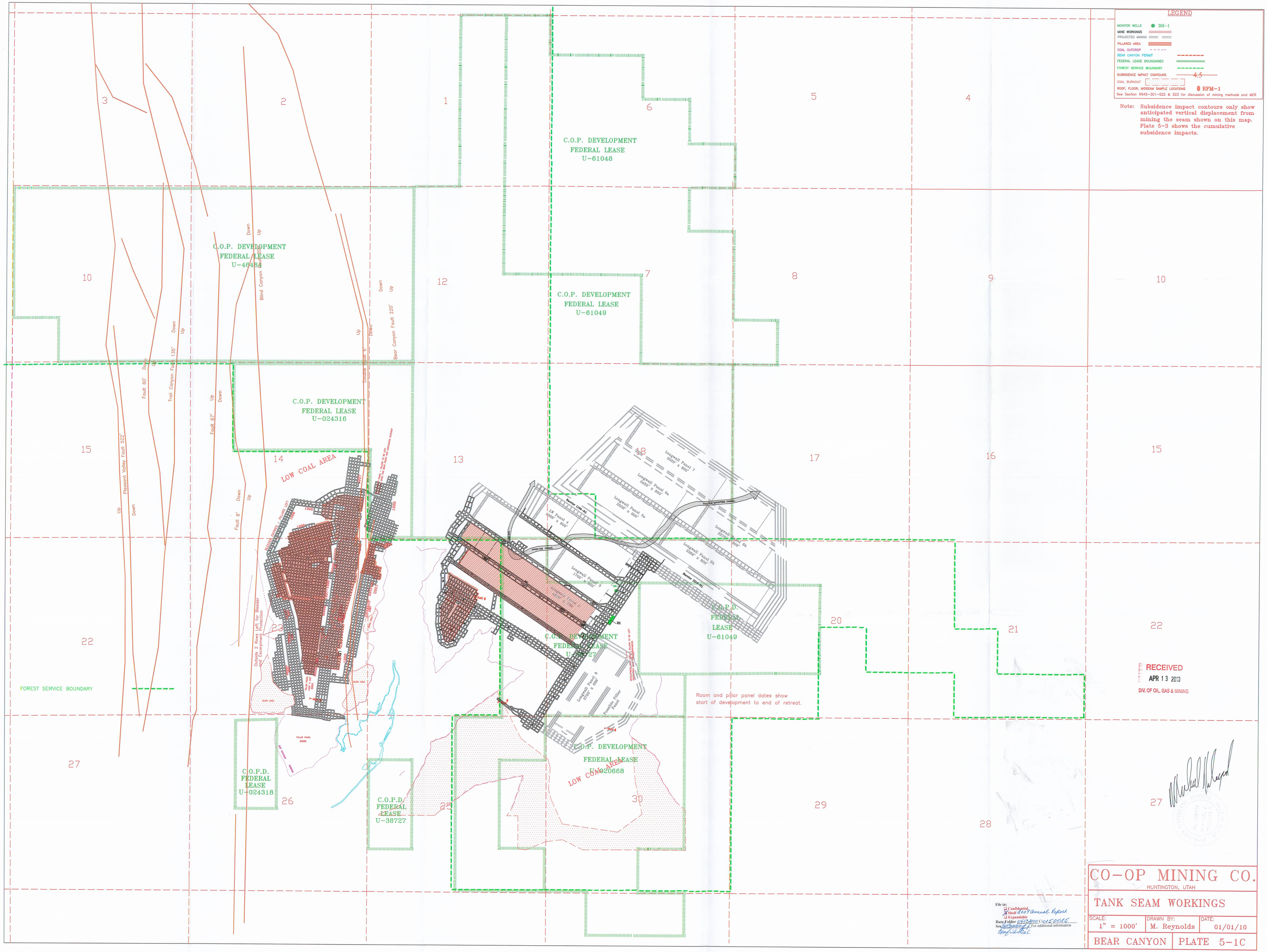
LEGEND
MONITOR WELLS DH-1
MINE WORKINGS
PROJECTED MINING
PILLARED AREA
COAL OUTCROP
BEAR CANYON PERMIT
FEDERAL LEASE BOUNDARIES
FOREST SERVICE BOUNDARY
SUBSIDENCE IMPACT CONTOURS 4.5
COAL BURNOUT
ROOF, FLOOR, MIDSEAM SAMPLE LOCATIONS RFM-1
See Section R645-301-522 & 523 for discussion of mining methods and MER
Note: Subsidence impact contours 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-46456
C.O.P. DEVELOPMENT FEDERAL LEASE U-61049
C.O.P. DEVELOPMENT FEDERAL LEASE U-024316
C.O.P.D. FEDERAL LEASE U-61049
C.O.P. DEVELOPMENT FEDERAL LEASE U-38727
C.O.P. DEVELOPMENT FEDERAL LEASE U-020668
C.O.P.D. FEDERAL LEASE U-024316
C.O.P.D. FEDERAL LEASE U-38727
LOW COAL AREA
LOW COAL AREA
Blind Canyon Fault
Bear Canyon Fault 220'
Double Point 6
Troll Canyon Fault 135'
Fault 60'
Fault 67'
Fault 8'
Pleasant Valley Fault 522'
Up
Down
Longwall Panel 7 2640' x 800'
Longwall Panel 6a 2400' x 800'
Longwall Panel 6a 2640' x 800'
Longwall Panel 5a 2640' x 800'
Longwall Panel 5b 2640' x 800'
Longwall Panel 5b 2640' x 800'
LW Panel 4 2400' x 800'
Longwall Panel 3 2700' x 800'
Longwall Panel 8 2700' x 800'
Longitudinal Pillar Panel
Barrier (LBC-01)
Barrier (LBC-02)
KNOLLTOP CROSSTOP (OMEGA)
CHESTNUT (OMEGA)
Outside 2 Rows Left for Bleeder and Escarpment Protection
FOREST SERVICE BOUNDARY
Room and pillar panel dates show start of development to end of retreat.
RECEIVED
APR 13 2010
DIV. OF OIL, GAS & MINING
CO-OP MINING CO.
HUNTINGTON, UTAH
TANK SEAM WORKINGS
SCALE: 1" = 1000'
DRAWN BY: M. Reynolds
DATE: 01/01/10
BEAR CANYON
PLATE 5-1C
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Sec/Twp/Rng
For additional information
Confidential