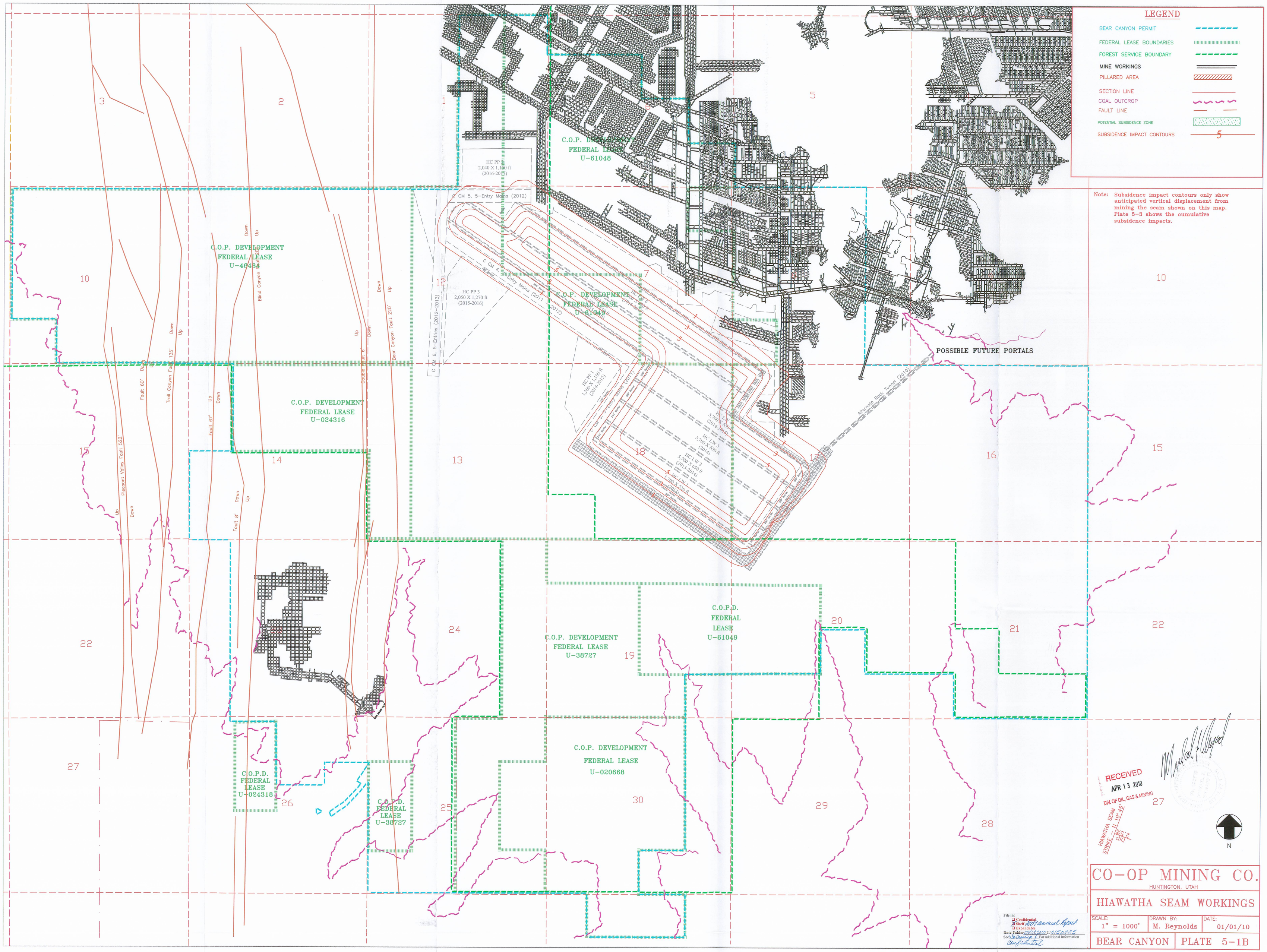
LEGEND
BEAR CANYON PERMIT
FEDERAL LEASE BOUNDARIES
FOREST SERVICE BOUNDARY
MINE WORKINGS
PILLARED AREA
SECTION LINE
COAL OUTCROP
FAULT LINE
POTENTIAL SUBSIDENCE ZONE
SUBSIDENCE IMPACT CONTOURS
5
Note: Subsidence impact contours only show anticipated vertical displacement from mining the seam shown on 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-46484
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-024318
C.O.P.D. FEDERAL LEASE U-38727
POSSIBLE FUTURE PORTALS
Alternate Rock Tunnel (2010)
HC PP 2 2,040 X 1,150 ft (2016-2017)
HC PP 3 2,050 X 1,270 ft (2015-2016)
C CM 5, 5-Entry Mains (2012)
C CM 6, 5-Entries (2012-2013)
Pleasant Valley Fault 522'
Fault 60'
Trail Canyon Fault 135'
Fault 67'
Fault 8'
Blind Canyon Fault 220'
Double Fault 6'
Down
Up
RECEIVED
APR 13 2010
DIV. OF OIL, GAS & MINING
HIAWATHA SEAM STRIKE - N 19°45'
DIP 2.5°
N
CO-OP MINING CO.
HUNTINGTON, UTAH
HIAWATHA SEAM WORKINGS
SCALE: 1" = 1000'
DRAWN BY: M. Reynolds
DATE: 01/01/10
BEAR CANYON
PLATE 5-1B
File in:
Confidential
Shelf
Expandable
Date Folder: 04/13/2010 C0150035
See Incoming 2 For additional information
Confidential