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-46484

C.O.P. DEVELOPMENT FEDERAL LEASE U-024316

C.O.P. DEVELOPMENT FEDERAL LEASE U-020668

C.O.P.D. FEDERAL LEASE U-024318

C.O.P.D. FEDERAL LEASE U-38727

LOW COAL AREA

Blind Canyon Fault
Down
Up
Dugout Canyon Fault 135'
Fault 60'
Fault 67'
Fault 522'
Up
Down
Fault 8'
Up
Down
Outside 2 Rows Left for Bleeder and Escarpment Protection
Bear Canyon Fault 220'
Up
Down
Up
Down
Dugout Canyon Fault 6'
Up
Down

FOREST SERVICE BOUNDARY

Room and pillar panel dates show start of development to end of retreat.

RECEIVED
JAN 16 2007
DIV. OF OIL, GAS & MINING

PROFESSIONAL ENGINEER
MARK A. REYNOLDS
5049079-2202
STATE OF UTAH

CO-OP MINING CO.
HUNTINGTON, UTAH

TANK SEAM WORKINGS

SCALE:	DRAWN BY:	DATE:
1" = 1000'	M. Reynolds	01/04/07

BEAR CANYON | PLATE 5-1C