LEGEND

BEAR CANYON PERMIT

FEDERAL LEASE BOUNDARIES

SUBSIDENCE STATION

SECTION LINE

MINE WORKINGS

POTENTIAL SUBSIDENCE ZONE

ESCARPMENT LOCATION

SEE PLATES 3-4 FOR PROJECTED MINING
SEE APPENDIX 3-N FOR SUBSIDENCE MITIGATION DESCRIPTION

REV.	DATE	REMARKS	APPR.
1	12-16-94	Mitigation Area 1 Added, Map Area Expanded (94J)	4-28-95
2	6-18-97	U-024316 Added/Subsidence Barriers Shown (97-1)	2-13-98
3	8-15-00	Mitigation Area 2 Added (AM00B)	9-25-00
4	6-25-01	Wild Horse Ridge Area Added to Permit (SR98-1)	7-03-01
5	8/01/02	Changed name from 3-3 to 5-3	
6			
7			
8			
9			
10			

Survey lines to be established. Numbers and exact locations will be provided following approval and establishment of the points.

N

C.O.P. DEVELOPMENT FEDERAL LEASE U-46484

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

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

MANTI-LA GENTRY

McCadden Hollow

Canyon

Buffer Zone No Subsidence

Subsidence Fractures

Rock Fall

MITIGATION AREA "2"

MITIGATION AREA "1"

Incidental Boundary Change, 1985

Wild Horse Ridge

Buffer Zone

Area of Influence

Left Fork

Right Fork

Hunting Cabin

Mine

Birch Spring

Bear Creek

Picnic Area

Radio Tower

Huntington Canyon

Bear Creek Campground

Rilda Canyon

Pack Trail

Chris Ottesen

CON-6

(CON-5)

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

CO-OP MINING CO.

HUNTINGTON, UTAH

SUBSIDENCE MAP

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	12-16-94

BEAR CANYON | PLATE 5-3

RECEIVED
SEP 19 2005
DIV. OF OIL, GAS & MI