C. W. MINING CO.

HUNTINGTON, UTAH

TANK SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	8-16-04

BEAR CANYON	PLATE 3-4C

LICENSED PROFESSIONAL ENGINEER
CHARLES REYNOLDS
No. 179670
9/16/04
STATE OF UTAH

Note: Retreat mining will only take place within the potential subsidence zone. Pillars will be developed and left in place in unhatched areas as described in Appendix 3-C.

RECEIVED
SEP 2 8 2004
DIV. OF OIL, GAS & MINING

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

C.O.P. DEVELOPMENT
FEDERAL LEASE
U-61049

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

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

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

LOW COAL AREA

LOW COAL AREA

BLEEDER ENTRIES - PILLARS LEFT

Outside 2 Rows Left for Bleeder and Escarpment Protection

PILLAR PANEL 2002

BURN AREA

Pillar Panel 4850' X 800' 6/05 - 10/05

Pillar Panel 3660' X 800' 8/06 - 9/06

Pillar Panel 2050' X 800' 12/06 - 3/07

East Main Entries 2,004'

DEVELOPMENT ONLY AREA - PILLARS TO BE LEFT PROTECTION ZONE FOR ESCARPMENTS

DH-5

LEGEND

MONITOR WELLS — DH-1
MINE WORKINGS
PROJECTED MINING
PILLARED AREA
PERMIT BOUNDARY
LEASE BOUNDARY
COAL OUTCROP
POTENTIAL SUBSIDENCE ZONE
COAL BURNOUT
ROOF, FLOOR, MIDSEAM SAMPLE LOCATIONS — RFM-1

See Section 3.4.1.2 for discussion of mining methods and MER