C. W. MINING CO.

HUNTINGTON, UTAH

BLIND CANYON SEAM

SCALE:	DRAWN BY:	DATE:
1" = 500'	C. Reynolds	2-4-06

BEAR CANYON | PLATE 3-4A

LICENSED PROFESSIONAL ENGINEER
MARK A. REYNOLDS
5049079-2202
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.

E 2,111,000 E 2,112,000 E 2,113,000 E 2,114,000 E 2,115000 E 2,116000 E 2,117000 E 2,118000 E 2,119000 E 2,120000 E 2,121000 E 2,122000 E 2,123000

N 403,000 N 402,000 N 401,000 N 400,000 N 399,000 N 398,000 N 397,000 N 396,000 N 395,000 N 394,000 N 393,000 N 392,000 N 391,000

11 12 / 14 13 — 12 17 / 13 18 — 13 18 / 24 19 — 24 19 / 25 30

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-61049

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

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

BLIND CANYON FAULT
UP 150-200'
DOWN

BEAR CANYON FAULT
UP 230'
DOWN

(MINING NOT PROJECTED DUE TO LARGE FAULTS)
(AREA WILL BE EXPLORED OR DRILLED)

LOW COAL AREA

LOW COAL AREA

All Pillars will be left in place in this area within 200' of the property boundary. Pillars will be developed a minimum of 80' X 80' o.c. for subsidence protection as described in Appendix 3-C.

DH-4 (Abandoned)

RFM-1
RFM-2
RFM-3

Borehole to WHN #4 Mine

Monitoring Tubing 2
Permanent Seals (6)
Monitoring Tubing 1

3-30-92 4-27-93 9-17-91 11-20-90 11-3-92 11-28-89 6-24-91 8-3-89 12-8-91 1-25-88 PILLARED 7-14-95 9-15-87 PILLARED 4-5-95 3-15-87 PILLARED 11-1-95 8-28-91 RETREAT 10-5-92 9-22-86 4-15-88 2-29-89 12-25-92 RETREAT 3-1-91 3-16-89 RETREAT 3-23-89 RETREAT 1984 - 1985 RETREAT 12-1-82

FAULT 3' OFFSET

LEGEND

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

N

See Section 3.4.1.2 for discussion of mining methods and MER