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

ABANDONED TRAIL CANYON MINE

FAULT

FAULT Up 150-200'

FAULT Up 20'

FAULT DOWN

WEST BLEEDERS (INACTIVE)

2ND WEST BLEEDERS (INACTIVE)

3RD WEST BLEEDERS (INACTIVE)

1998

PILLAR PANEL
560' X 2200'

2013 - 2014

DH-A

2ND WEST

PILLAR PANEL
700' X 2200'

2010 - 2011

3RD WEST

DH-4

PILLAR PANEL
750' X 2700'

2008 - 2009

1995

LOW COAL AREA

1st SOUTH

200' BARRIER

1ST NORTH

1ST NORTH (ACTIVE)

DH-C

1ST NORTH (INACTIVE)

200' BARRIER

MAIN WEST

200' BARRIER

2015 - 2016

DH-3

1ST EAST

PILLAR PANEL
500' X 1400'

BASE OF OLD MAIN WORKINGS

FAULT
3' OFFSET

PILLAR PANEL

1993

2ND EAST PANEL (INACTIVE)

200' BARRIER

2ND EAST

2ND EAST BLEEDERS (INACTIVE)

200' BARRIER

PILLAR PANEL
800' X 2000'

2006 - 2007

1995

FAULT DOWN 4' PARTIAL

FAULT DOWN 4'

REMAINING PANEL
600' X 1200'

1995

TRAIL ROCK TUNNEL

EAST BLEEDERS (ACTIVE)
MRO 007-0

PILLAR PANEL - 750' X 2450'
(MINING QUESTIONABLE - FAULT)

1999 - 2000

100' CTRS.

BLEEDER ENTRIES - PILLARS LEFT

1997

RFM-2

1995
PANEL ENTRIES

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

PILLAR PANEL
700' X 1700'

2001 - 2002

200' BARRIER

100' CTRS.

MAIN ENTRIES - PILLARS LEFT

1996

200' BARRIER

1995
PANEL ENTRIES

PILLAR PANEL
800' X 1700'

2003 - 2004

1995
PANEL ENTRIES

1997
PANEL ENTRIES

100' PROPERTY BARRIER

RFM-1

SUB-MAINS - PILLARS LEFT

1995

100' CTRS.

1998

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

BLIND CANYON SEAM
STRIKE - N 19° 45' E
DIP - 5° SE

N

LEGEND

PERMIT BOUNDARY
LEASE BOUNDARY
COAL OUTCROP

MINE WORKINGS
PROJECTED MINING
PILLARED AREA

ROOF, FLOOR, MIDSEAM SAMPLE LOCATIONS ● RFM-1
SEAM FLOOR ELEV. CONTOUR 7800
MONITOR WELLS ● DH-1

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

1/21/95
DATE SIGNATURE

LICENSED PROFESSIONAL ENGINEER
No. 136686
KIM V. G.
STATE OF UTAH

C. W. MINING CO. HUNTINGTON, UTAH	
BEAR CANYON-NO. 1 MINE	
M.S.H.A. ID. NO. 42-01697	
SCALE 1" = 500'	DRAWN BY C. Reynolds / DATE 01-01-95
BEAR CANYON	PLATE 3-4A

RECEIVED
APR 13 1995
DIV OF OIL, GAS & MINING