CO-OP MINING CO.

HUNTINGTON, UTAH

HYDROLOGY MAP

SCALE:	DRAWN BY:	DATE:
1" = 50'	C. Reynolds	7/17/91

BEAR CANYON | PLATE 7-1C

REV.	DATE	REMARKS	APPR.
1	7/08/93	Coal Storag Pad & Outslope Cleanup (93D)	9/14/93
2	7/12/93	Hoist Rd. Redesignated/Surface Fac. Updated (93E)	9/16/93
3	10/05/93	D-13D Added/AD-8 Revised (93K) (NOV 5-1,6-1)	10/28/93
4	12/06/93	Antifreeze Storage Tank Added (93O)	12/17/93
5	10/22/93	Tank Seam Access Road Added (93B)	7/22/94
6	8/01/94	Lamphouses Removed/Portal Pad Recontoured	8/17/94
7	8/24/94	Showerhouse Waterline/Tower Structure Added (94C)	10/19/94
8	1/05/95	BTCA Area "E" Silt Fence Relocated (95A)	1/26/94
9	5/30/95	Tipple Structure Expansion/Rock Crusher Conveyor (95G)	9/12/95
10	9/13/95	Ditch D-10D Route Modification (95J)	9/18/95

RECEIVED
OCT - 6 1995
DIVISION OF OIL GAS & MINING PRICE UTAH

LEGEND

- PERMIT BOUNDARY
- DISTURBED AREA
- PRE-1977 DISTURBANCE
- CULVERTS
- CONTOUR LINE (6980)
- WATER LINES (W)
- SECTION LINE
- SEE PLATES 7-4 FOR SURFACE FACILITIES
- UNDISTURBED DRAINAGE (D-2U)
- DISTURBED DRAINAGE (D-2D)
- DRAINAGE BOUNDARY
- SEE PLATE 7-5 FOR COMPLETE WATERSHED MAP

REFER TO TABLES 7.2-10 AND 7.2-11 FOR DITCH AND CULVERT SPECIFICATIONS

INCORPORATED
EFFECTIVE
SEP 12 1995
UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE

No. 136686
KIMLY C. MANOUM
STATE OF UTAH

SCALE 1" = 50'
50' 25' 0 50' 100' 150'
CONTOUR INTERVAL 2'
PHOTOGRAPHY DATE NOV. 11, 1990

N 392,250 E 2,114,000 N 392,500 N 392,750 N 393,000
N 391,500 N 391,750 N 392,000 E 2,114,000

MATCH LINE D-D
MATCH LINE C-C
MATCH LINE B-B

AU-2D AU-3 AU-4 AU-5 AU-6 AU-7 AU-11 AU-12 AU-13 AU-16
AD-1A AD-1B AD-2A AD-2B AD-2C AD-3A AD-3B AD-4 AD-5 AD-6 AD-7 AD-8 AD-9 AD-10 AD-11 AD-12 AD-13 AD-14

D-15U D-1U D-2U D-3D D-7D D-8D D-9U C-5D C-6D C-7D C-8U C-10D C-11D C-12D

STORAGE AREA
SILT FENCE
B.T.C.A. AREA "A" INTERIM REVEGETATION 1991
B.T.C.A. AREA "B" INTERIM REVEGETATION 1991
B.T.C.A. AREA "C" INTERIM REVEGETATION 1991
B.T.C.A. AREA "D" INTERIM REVEGETATION 1992
B.T.C.A. AREA "E" INTERIM REVEGETATION 1991
PRIMARY ROAD
5000 GAL. WATER TANK
PORTAL
CATCH BASIN
TANK
CATTLE GUARD
ANCILLARY ROAD
GATE
INTAKE PORTAL HIAWATHA - 1986
RETAINING WALL
PRIMARY PORTAL ACCESS ROAD
INTERIM REVEGETATION 1991
LEACH FIELD
WATER TANK
CULINARY WATER OVERFLOW
PRIMARY SHOP ROAD
FUEL TANKS & BERM
RIP-RAPPED CHANNEL
COAL STORAGE ROAD
COAL SPRAY TANKS & BERM
COAL STORAGE AREA & SEDIMENT POND WASTE AREA
HOIST ROAD & ON BEDROCK AND TO HIAWATHA
UPDES DISCHARGE POINT 004
TOPSOIL STOCKPILE
INTERIM REVEGETATION 1983
BERM
TRUCK LOADING
TEMPORARY SEDIMENT STORAGE
15" FLEXIBLE DOWNSPOUT
SILT FENCES
PRIMARY TIPPLE ACCESS ROAD
LUMP COAL STORAGE AREA
CEMENT PAD W/RETAINING WALL
BEAR CREEK