R5E R6E

LEGEND

- WATERSHED BOUNDARY
- SUB-WATERSHED BOUNDARY
- DITCH
- BOREHOLE PUMP WATER LINE

PERMIT BOUNDARY

FEDERAL LEASE IBC

FED LEASE U-5287

FED LEASE U-50044

BOREHOLE PUMP NO. 3

EXISTING DITCH NO. 5 (D.A. = 2.5 AC.)

EXISTING POND NO. 6 (MINE DISCHARGE POND)

PROPOSED 4 EAST PORTAL SITE

4th EAST PORTAL

PROPOSED PERMANENT STREAM DIVERSION (D.A.=310.4 AC.) SEE APPENDIX VI-1, PLATE VI-12 FOR DRAINAGE BOUNDARY

PROPOSED DITCH NO. 3 (D.A. = 20.9 AC.)

WASTE DISPOSAL SITE DIVERSION (D.A. = 72.3 AC.)

PROPOSED DITCH NO. 6 (D.A. = 1.88 AC.)

EXCESSION AREA (NO MINING) RELINQUISHED STATE LEASE

PROPOSED POND NO. 7 (D.A. = 20.9 AC.)

EXISTING BOREHOLE PUMP NO. 1

PROPOSED DITCH NO. 4 (D.A. = 6.9 AC)

PROPOSED BOREHOLE PUMP NO. 2

PROPOSED COARSE REFUSE DISPOSAL AREA

PROPOSED SLURRY POND

PROPOSED BORROW AREA

PROPOSED DITCH NO. 3A (D.A. = 2.7 AC.)

EXISTING POND NO. 1 (MINE DISCHARGE POND)

EXISTING DITCHES

EXISTING 24"CMP CULVERT B

EXISTING 18"CMP CULVERT A

EXISTING COAL STOCKPILE AND TEMP. DEVELOPMENT WASTE SITE

EXISTING 24" CMP

PROPOSED WASTE DISPOSAL AREA

EXISTING POND NO. 8 (D.A.=21.3 AC.)

EXISTING POND NO. 4 R/O EVAPORATION LAGOON

EXISTING POND NO. 5 (D.A.=113.7 AC.)

PROPOSED PREP. PLANT DIVERSION (D.A.=88.0 AC.)

EXISTING POND NO. 2 (D.A.=14.1 AC.)

DRAINAGE ENTERS MINE PORTAL (D.A.=4.5 AC.)

PROPOSED PLANT YARD AREA

CATCH BASIN "B" (D.A.=0.6 AC.)

EXISTING ARCH CULVERT

EXISTING POND NO. 3 (D.A.=7.6 AC.)

EXISTING 12"CMP CULVERT

EXISTING 18" CMP CULVERT

Gravel Pit

Springs

Quitchupah Creek

Christiansen Wash

County Rd. #915

County Rd. #907

BM 6199

Cowl Mine

N.6,760,000

N.6,750,000

E.1,700,000

E.1,710,000

E.1,720,000

T 22 S

T 23 S

SEVIER COUNTY

EMERY COUNTY

RECEIVED
FEB 15 2008
DIV. OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
STATE OF UTAH

EarthFax

BASE MAP:
U.S.G.S. 7.5 MINUTE QUADRANGLE'S, EMERY WEST 1968.
EMERY EAST 1968, PHOTO REVISED 1978.
MESA BUTTE 1968, PHOTO REVISED 1978.
WALKER FLATE 1968, PHOTO REVISED 1978.

COORDINATE SYSTEM:
STATE PLANE COORDINATES.
NAD 83 CONUS
ZONE 4302-UTAH, CENTRAL - US FEET
VERTICAL DATUM - NAVD 88-US FEET

EXTERNAL REFERENCE:
G:\UC982\03\DWG\XREF-USGSMAP.DWG
G:\UC982\03\DWG\XREF-PERM-JAN2007.DWG
G:\UC982\03\DWG\XREF-SECTION.DWG

REVISIONS	NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
	1	2/94	CDP	DIVISION ORDER NO. 93 B LABELS, EXISTING AND PROPOSED ADDED	5	2/08	JAG	NOV 10005 RESPONSE
	2	5/95	TDK					
	3	6/30/05	JAG	ADDED FIRST NORTH I.B.C.				
	4	12/12/06	JAG	181 NORTH FED LEASE IBC, FULL EXTRACTION				

0' 1000'
SCALE: 1" = 1000'
CONTOUR INTERVAL = 40'

DRAWN BY: SWF
CHECKED BY: JAG
ORIGINAL DATE: 7/90
RE-DRAWN DATE: 12/05
APPROVED BY: JAG
DWG DATA: G:\UC982\03\DWG\PLATE VI-10.DWG

EMERY MINE
EMERY COUNTY, UTAH
PERMIT NO.
ACT015/015

CONSOLIDATION COAL COMPANY
P.O. BOX 566
SESSER, IL 62884-0566

PLATE VI-10
SURFACE DRAINAGE CONTROL MAP