R5E R6E

SURVEY BOUNDARY

FEDERAL LEASE IBC

PERMIT AREA BOUNDARY

NOTE:
"THE PRIMARY POINT OF DIVERSION OF THE IRRIGATION WATER FROM MUDDY CREEK IS APPROX. 20 MILES NORTHWEST OF THE IBC AREA. ADDITIONAL POINTS OF DIVERSION ARE LOCATED ABOUT 6 MILES NORTH OF AND 4 MILES NORTHEAST OF THE IBC. PLEASE REFER TO SECTION VI.A.4 OF THE APPROVED MRP FOR ADDITIONAL INFORMATION CONCERNING WATER RIGHTS."

FED LEASE U-5287

FED LEASE U-50044

EXCLUSION AREA (NO MINING)
RELINQUISHED STATE LEASE

Gravel Pit

Springs

Springs

Browning Mine

Christiansen Wash

Christiansen Wash

Christiansen Wash

Muddy Creek

Muddy Creek

Muddy Creek

Quitchupah

County Rd. #915

County Rd. #907

4th EAST PORTAL

SURVEY BOUNDARY

PERMIT AREA BOUNDARY

SEVIER COUNTY
EMERY COUNTY

T 22 S
T 23 S

N.6,760,000

N.6,750,000

E.1,700,000

E.1,710,000

E.1,720,000

LEGEND

NATURAL STREAMS

DRY WASHES

IRRIGATION DITCHES

FILE IN Expandable 03042007
Refer to Record No. 0011
in C0150025, 2007, Incoming
for additional information

RECEIVED
MAR 06 2007
DIV OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
No. 168248
RICHARD B. WHITE
STATE OF UTAH

BASE MAP:
U.S.G.S. 7.5 MINUTE QUADRANGLES: EMERY WEST 1968, EMERY EAST 1968, PHOTO REVISED 1978.
MESA BUTTE 1968, PHOTO REVISED 1978.
WILLOW SPRINGS 1968, PHOTO REVISED 1978.

COORDINATE SYSTEM:
UTM ZONE 12 COORDINATES
NAD 83 DATUM
ROAD CLASSIFICATION: CENTRAL - US FEET
CONTOUR DATUM = NAVD 88=US FEET

EARTHFAX

EXTERNAL REFERENCE:
G:\UC0982\03\DWG\XREF=USGSMAP.DWG
G:\UC0982\03\DWG\XREF=PERMBOUND.DWG
G:\UC0982\03\DWG\XREF=SECTION.DWG

REVISIONS	NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
	1	6/30/05	JAG	ADDED FIRST NORTH I.B.C. PERMIT AREA, LEASE IBC, (1) EXTENSION				
	2	12/12/06	JAG					

0' 500'
SCALE: 1" = 500'
CONTOUR INTERVAL = 40'

DRAWN BY: SWF
CHECKED BY: JAG
ORIGINAL DATE: 10/80
VALLEY ENGINEERING
RE-DRAWN DATE: 8/05
APPROVED BY: JAG
DWG DATA: G:\UC0982\03\DWG\PLATE V-3.DWG

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

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

PLATE V-3
PRESUBSIDENCE SURVEY:
HYDROLOGY