R5E R6E

PERMIT BOUNDARY

FEDERAL LEASE IBC

FED LEASE U-5287

EXCLUSION AREA (NO MINING) RELINQUISHED STATE LEASE

STOCK WATERING 3 PONDS

OVERHEAD POWER 3 LINE

3 FIRST SOUTH PANEL TO BE FULLY EXTRACTED

Crandall Canyon Mine

Cottonwood Canyon Mine

Cowboy Mine

Miller Canyon

Wash

Creek

JEEP TRAIL

BM 6199

BM 6017

E.1,700,000

E.1,710,000

E.1,720,000

N.6,760,000

N.6,750,000

T 22 S

T 23 S

SEVIER COUNTY

EMERY COUNTY

LEGEND

- EXCLUSION AREA (NO MINING) RELINQUISHED LEASE
- AVF BUFFER ZONES
- STREAM BUFFER ZONES
- STRUCTURAL BUFFER ZONES
- PROPOSED UNDERGROUND MINING AREA
- 85-2 SUBSIDENCE MONITORING POINT
- PROPOSED MONITORING POINT
- DEPTH OF SUBSIDENCE ISOPACHS

FILE IN Expandable 03 13 0007
Refer to Record No. 0005
in C0150015 - 3.007, Incoming
for additional information

RECEIVED
FEB 13 2007
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 FLAT 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--PERMBOUND.DWG
G:\UC982\03\DWG\XREF--SECTION.DWG

REVISIONS	NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
	1	1/05/05	JAG	ADDED PROPOSED BOUNDARY & PANELS, SUBSIDENCE PTS.	5	2/07/07	JAG	1st NORTH FED LEASE IBC FULL EXTRACTION
	2	5/02/05	JAG	ADDED FIRST SOUTH PROPOSED SUBSIDENCE PTS.				
	3	5/02/05	JAG	ADDED POWER LINE, COUNTY ROAD 907 & STOCK PONDS.				
	4	6/30/05	JAG	ADDED FIRST NORTH I.B.C.				

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

DRAWN BY: SWF
CHECKED BY: JAG
ORIGINAL DATE: 1/03
RE-DRAWN DATE:12/05
APPROVED BY: JAG
DWG DATA: G:\UC982\03\DWG\PLATE V-5.DWG

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

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

PLATE V-5
SUBSIDENCE MONITORING POINTS AND BUFFER ZONES

3/6/2007 - Map Revisions\DWG\PLATE V-5 FEB 2007.dwg, 2/9/2007 8:24:24 AM, HP DesignJet 800.pc3