R5E R6E

E.1,700,000

E.1,710,000

E.1,720,000

N.6,760,000

BM 6199

Wash

PERMIT BOUNDARY

FEDERAL LEASE IBC

FED LEASE U-5287

STOCK WATERING POND

OVERHEAD POWER LINE

FIRST SOUTH PANEL TO BE FULLY EXTRACTED

EXCLUSION AREA (NO MINING) RELINQUISHED STATE LEASE

Crandall Canyon

Miller Canyon

Cottonwood Creek

Emma Park Road

Cowboy Mine

Emma Mine

JEEP TRAIL

T 22 S

T 23 S

SEVIER COUNTY

EMERY COUNTY

LEGEND

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

FILE IN Expandable 03060007
Refer to Record No. 0011
in C0150015, 00071, Incoming
for additional information

RECEIVED
MAR 06 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 4301-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.	6	09/05	JAG	1st SOUTH FULL EXTRACTION
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

G:\UC982\03 - Mtgs reviews\Dwg\PLATE V-5 TRIMMED.dwg, PLATE V-5, 3/5/2007 12:52:21 PM