R5E R6E

PERMIT BOUNDARY

FEDERAL LEASE IBC

FED LEASE U-5287

STOCK WATERING PONDS

OVERHEAD POWER LINE

FIRST SOUTH PANEL TO BE FULLY EXTRACTED

EXCLUSION AREA (NO MINING) RELINQUISHED STATE LEASE

SEVIER COUNTY
EMERY COUNTY

T 22 S
T 23 S

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
- FORCASTED PANELS

RECEIVED
AUG 0 3 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 FLATS 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	11/05/05	JAG	ADDED PROPOSED BOUNDARY & PANELS, SUBSIDENCE PTS.	6	12/07/07	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 307 & STOCK PONDS	7	04/07	JAG	14th WEST FULL EXTRACTION PLAN
4	6/30/05	JAG	ADDED FIRST NORTH I.B.C.	8	07/07	JAG	14th WEST, 6th WEST, AND 4th EAST FULL EXTRACTION

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