5E R6E

E.1,700,000

E.1,710,000

E.1,720,000

BM 6199

Wash

FEDERAL LEASE IBC

FED LEASE U-5287

FED LEASE U-50044

FED LEASE UTU-86038

2008-2009

2009

2009-2010

2010

2011

2012-2013

2012

2013

2010-2012

2014

4th. EAST PORTAL

EXCLUSION AREA (NO MINING) RELINQUISHED STATE LEASE

Miller Canyon

Cowboy Mine

N.6,760,000

N.6,750,000

T 22 S

T 23 S

SEVIER COUNTY

EMERY COUNTY

LEGEND

- PERMIT AREA BOUNDARY
- ADJACENT AREA FOR NON-WATER RESOURCES. FOR THE AREA OF HYDROLOGIC EVALUATION, SEE PLATE VI-4
- PRIOR TO AUG. 3, 1977
- MAY. 3, 1977 TO AUG 3, 1977
- MAY 3, 1978 TO JAN. 5, 1986
- EXCLUSION AREA (NO MINING) RELINQUISHED STATE LEASE
- FORCASTED PANELS

NOTE: NO MINING WILL OCCUR OUTSIDE OF CURRENT PERMIT BOUNDARIES UNTIL APPROVED BY THE UTAH DIVISION OF OIL, GAS AND MINING.

RECEIVED
MAY 20 2010
DIV. OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
STATE OF UTAH
19 May 2010

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Date Folder C/510/010 C/015/015
See Incoming For additional information

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\XREF-CURRENT\XREF-USGSMAP.DWG
G:\UC982\XREF-CURRENT\XREF-SECTION.DWG
G:\UC982\XREF-CURRENT\XREF-PERM-ZZNW.DWG
G:\UC982\XREF-CURRENT\XREF-WORKS-ZZNLBA.DWG

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	6/30/05	JAG	ADDED FIRST NORTH LB.C.
2	12/12/06	JAG	1st NORTH FED LEASE IBC, FULL EXTRACTION
3	04/7	JAG	UPDATE MINING PLAN
4	09/08	JAG	LIFE OF MINE FULL EXTRACTION
5	05/09	JAG	ZZ NORTH, ADJ. VS. PERMIT DES. 2009
6	08/09	JAG	ZZ NORTH, MILLER CANYON LBA UTU-86038
7	04/10	JAG	ZZN WEDGE

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 IV-2.DWG

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

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

PLATE IV-2
UG OPERATIONS PLAN