RECEIVED
DEC 18 2008
DIV. OF OIL, GAS & MINING

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Refer to Record No. CC76 Date 12/18/2008
In C/0150015 Hydrology
For additional information Confidential

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

NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
1	1/05/05	JAG	ADDED PROPOSED BOUNDARY & PANELS, SUBSIDENCE PTS.	7	04/07	JAG	14th WEST FULL EXTRACTION PLAN
2	5/02/05	JAG	ADDED FIRST SOUTH PROPOSED SUBSIDENCE PTS.	8	07/07	JAG	15th WEST, 6th WEST, AND 4th EAST FULL EXTRACTION
3	5/02/05	JAG	ADDED POWER LINE, COUNTY ROAD 907 & STOCK PONDS	9	03/08	JAG	ADDITIONAL FULL EXTRACTION ZERO NORTH
4	6/30/05	JAG	ADDED FIRST NORTH I.B.C.	10	09/08	JAG	LIFE OF MINE FULL EXTRACTION
5	2/07/07	JAG	1st NORTH FED LEASE IBC FULL EXTRACTION	11	11/08	JAG	ZZ NORTH ADDITIONAL ADJACENT AREA, PERMIT BOUNDARY MAP REVISIONS
6	09/05	JAG	1st SOUTH FULL EXTRACTION				

REVISIONS

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 FLATE 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-WORKS-NP.DWG
G:\UC982\XREF-CURRENT\XREF-PERM-NP.DWG
G:\UC982\XREF-CURRENT\XREF-SECTION.DWG
G:\UC982\XREF-CURRENT\XREF-COORDS.DWG
G:\UC982\XREF-CURRENT\XREF-LOM.DWG
G:\UC982\XREF-CURRENT\XREF-14THWESTEX.DWG

EarthFax

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

DRAWN BY: SWF
APPROVED BY: JAG
CHECKED BY: JAG
ORIGINAL DATE: 1/03
RE-DRAWN DATE: 12/05
DWG DATA: G:\UC982\12\PRESUBSIDENCE SURVEYS\TOTAL EX\PLATEV-5-TOT.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