R5E R6E

T 22 S
T 23 S

H(U)
6171

WELL 12
5687

R2(U)
5544

WELL TP
5597

WELL T1
5620

USGS1-2
5917

MUDDY 2
5986

MUDDY 1
5931

LEWIS
5805

BRYANT
5727

AA(U)
5859

6100
6000
5900
5800
5700
5600
5800
5800
5800

FEDERAL LEASE IBC

FEDERAL LEASE U-5287

FEDERAL LEASE U-38244

PERMIT AREA BOUNDARY

PERMIT AREA BOUNDARY

MINE PORTAL

SEVIER COUNTY
EMERY COUNTY

Water Hollow Benches

Quitchupah Creek

Muddy Creek

Ivie Creek

Eccles Canyon

Rochester Creek

Saleratus Wash

WALKER FLAT

Substa

Panel 8 West

N.6,780,000
N.6,770,000
N.6,760,000
N.6,750,000
N.6,740,000
E.1,720,000

LEGEND

- PERMIT AREA BOUNDARY
- ADJACENT AREA FOR NON-WATER RESOURCES. FOR THE AREA OF HYDROLOGIC EVALUATION, SEE PLATE VI-4
- 5675 — POTENTIOMETRIC SURFACE ELEVATION (FT)—DASHED WHERE INFERRED
- LEWIS 5805 — WELL LOCATION WITH NAME AND WATER SURFACE ELEVATION (FT)
- FORCASTED PANELS

RECEIVED
JUL 0 2 2009
DIV. OF OIL, GAS & MINING

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

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Refer to Record No. 0027 Date 07/01/2009
In C0070015.2009
For additional information

EarthFax

BASE MAP:
USGS 7.5 MINUTE QUADRANGLES: 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\XREFS-CURRENT\XREF-USGSMAP.DWG
G:\UC982\XREFS-CURRENT\XREF-PERM-NP.DWG
G:\UC982\XREFS-CURRENT\XREF-SECTION.DWG
G:\UC982\XREFS-CURRENT\XREF-COORDS.DWG
G:\UC982\XREFS-CURRENT\XREF-OLDWORKS.DWG
G:\UC982\XREFS-CURRENT\XREF-FAULTZONE.DWG

REVISIONS

NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
1	6/30/05	JAG	ADDED FIRST NORTH L.B.C.				
2	12/12/06	JAG	1st NORTH FED LEASE IBC, FULL EXTRACTION				
3	03/08	JAG	UPDATED POTENTIOMETRIC SURFACE				
4	05/09	JAG	2nd NORTH, ADJ. VS. PERMIT DEF. 3099				

0' 2000'
SCALE: 1" = 2000'
CONTOUR INTERVAL = 40'

DRAWN BY: KHB
CHECKED BY: JAG
ORIGINAL DATE: 7/95
RE-DRAWN DATE: 7/05
APPROVED BY: JAG
DWG DATA: G:\UC982\14-HYDRLOGY REWRITE\CHAPVI-PLATES\PLATE VI-7.DWG

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

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

PLATE VI-7
UPPER FERRON SANDSTONE POTENTIOMETRIC SURFACE (2006)

G:\UC982\18 – Fedmc lease extension\EXT SUBMITTAL\PLATE VI-7NP.dwg, 6/30/2009 4:58:14 PM