R5E R6E

N.6,780,000 E.1,770,000

N.6,770,000

N.6,760,000

N.6,750,000

N.6,740,000

USGS1-4 ● 6307

H(U) 6176

R2(U) 5550

TP 5636

LEWIS 5759

BRYANT 5732

AA(U) 5858

FC346WW 6022

EMRIA3 6030

USGS1-2 5944

MUDDY 2 5948

MUDDY 1 5940

PERMIT AREA BOUNDARY

FED LEASE U-5287

FED LEASE U-5328

4th EAST PORTAL

Park

Substa

Cem

Rodeo Ground

Cowboy Mine

Dragline

Spring Creek

Christiansen Wash

Quitchupa Creek

Miller Canyon

Muddy

Ivie Creek

Flume

Corral

Wash

Creek

Canyon

TRAIL

JEEP

BM 6139

BM 6017

BM 6001

BM 6050

SEVER COUNTY
EMERY COUNTY

T 22 S
T 23 S

LEGEND

5675 — POTENTIOMETRIC SURFACE ELEVATION (FT)

FC346WW ● 6022 — WELL LOCATION WITH NAME AND WATER SURFACE ELEVATION

RECEIVED
SEP 14 2005
DIV. OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
No. 189797
LAYNE D. JENSEN
9-17-05
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 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\03\DWG\XREF-USGSMAP.DWG
G:\UC982\03\DWG\XREF-PERMBOUND.DWG
G:\UC982\03\DWG\XREF-SECTION.DWG
G:\UC982\03\DWG\XREF-COORDS.DWG
G:\UC982\03\DWG\XREF-OLDWORKS.DWG

| REVISIONS | NO. | DATE | BY | DESCRIPTION | NO. | DATE | BY | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| | 1 | 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: 7/95
RE-DRAWN DATE: 7/05
APPROVED BY: JAG
DWG DATA: G:\UC982\03\DWG\PLATE VI-4.DWG

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

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

# PLATE VI-4
# UPPER FERRON AQUIFER POTENTIOMETRIC SURFACE 1990