ADDITION TO PERMIT AREA

DUGOUT TRACT

A-RC1

AREA OF FIRST LW PANEL

C-1

ZZ-RC1

**ANGLE OF DRAW DETERMINATION**

THE MONITORING OF THE SET OF POINTS ESTABLISHED FOR THE "ANGLE OF DRAW DETERMINATION" HAS BEEN DISCONTINUED AFTER FOUR CONSECUTIVE YEARS OF MONITORING. THE DATA GATHERD DURING THAT TIME WAS INCONCLUSIVE AS TO THE DRAW OF THE SUBSIDENCE ZONE. ( SEE ANUAL SUBSIDENCE REPORTS )

NOTE

1. EXACT LOCATIONS OF FUTURE MONITORING STATIONS MAY VARY DEPENDING UPON ACCESSIBILITY, LINE OF SIGHT VISIBILITY, TERRAIN, ETC.
2. REFER TO ANNUAL REPORTS FOR ADDITIONAL SUBSIDENCE INFORMATION.

MINE PLAN PROJECTIONS

- 04-99 ROCK CANYON SEAM (OUTLINED IN BLACK)
- GILSON SEAM (OUTLINED IN MAGENTA)
- OLD WORKINGS

SELECTED LEASE IDENTIFICATION

- ML-48435 (STATE) SITLA LEASE
- ML - 42648 (STATE)
- U - 07064 - 027821 (USA)

LEGEND

- LOCATION OF FUTURE SUBSIDENCE MONITORING STATIONS
- LOCATION OF SUBSIDENCE MONITORING STATIONS
- COMPANY SURVEY MONUMENT
- FOUND SECTION CORNER
- POTENTIAL SUBSIDENCE BOUNDARY AT APPROXIMATELY 30° ANGLE OF DRAW
- PERMIT AREA BOUNDARY

NOTE: THE PROJECTED MINING ILLUSTRATED BEYOND THE APPROVED PERMIT AREA BOUNDARY IS FOR PLANNING PURPOSES ONLY. ACTUAL MINING OUTSIDE OF CURRENT PERMIT AREA BOUNDARIES WILL ONLY OCCUR AFTER THE APPROPRIATE LEASE MODIFICATIONS ARE MADE AND ALL PERMIT REQUIREMENTS ARE MET.

PROJECTED MINING BY YEARS

- Previous Mining
- 2006
- 2007
- 2008
- 2009
- 2010

LAND OWNERSHIP

- MILTON AND ARDITH THAYN TRUST
- UNITED STATES OF AMERICA
- STATE OF UTAH
- CANYON FUEL COMPANY, LLC
- CONOVER, ET AL
  FOR MORE INFORMATION REFERENCE PLATE 1-1

REGISTERED PROFESSIONAL ENGINEER No. 155810 DAVID G. SPILLMAN STATE OF UTAH 1/29/07

0' 1000'

| REVISION | |
|---|---|
| DATE | BY |
| 01/26/07 | JKS |

**Canyon Fuel Company, LLC**
Soldier Canyon & Dugout Canyon Mines

RECEIVED
JAN 29 2007
DIV OF OIL, GAS & MINING

# PROPOSED MINE SEQUENCE AND PLANNED SUBSIDENCE BOUNDARY

Dugout Canyon Mine

| | | | |
|---|---|---|---|
| DRAWN BY: SC | DATE: MAY 10, 2006 | D459.PCP | SCALE: 1"=1000' |
| APPROVED BY: | FILE NAME: Plate 5-7.dwg | DRAWING OR MAP NUMBER | PLATE 5-7 |

FILE IN Expandable 01 30 2007

Refer to Revised No. 0017 in Confidential Binder for additional information