MINE PLAN PROJECTIONS

- 02/17 — ROCK CANYON SEAM (OUTLINED IN BLACK)
- 02/17 — GILSON SEAM (OUTLINED IN MAGENTA)
- OLD WORKINGS

SELECTED LEASE IDENTIFICATION

- ML-48435 (STATE) SITLA LEASE
- ML - 42648 (STATE)
- U - 07064 - 027821 (USA)
- ML - 50582 - OBA (STATE)

- LOCATION OF FUTURE SUBSIDENCE MONITORING STATIONS
- LOCATION OF SUBSIDENCE MONITORING STATIONS
- COMPANY SURVEY MONUMENT
- FOUND SECTION CORNER

LEGEND

- POTENTIAL SUBSIDENCE BOUNDARY AT APPROXIMATELY 30° ANGLE OF DRAW
- PERMIT AREA BOUNDARY

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.
3. 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
- Remaining 2011
- 1st Quarter 2012
- 2nd Quarter 2012
- 3rd Quarter 2012
- 4th Quarter 2012
- 2013
- 2014
- 2015
- 2016

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)
- KFJ RAND PARTNERSHIP

0' 1000'

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Date Folder C/0070039
Incoming 0001

RECEIVED
APR 2 7 2012
DIV OF OIL, GAS, & MINING

RECEIVED
MAY 1 8 2012
DIV OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
No. 151610
DAVID G. SPILLMAN
STATE OF UTAH

REVISION	
DATE	BY
01/26/07	JKS
04/27/07	JLP
07/05/07	SC
10/23/07	JLP
02/21/08	VSM/SWF
04/09/08	VSM/SWF
08/06/10	JKS/SV
08/17/11	JKS/SV
03/12/12	JKS/SV

Canyon Fuel Company, LLC
Soldier Canyon & Dugout Canyon Mines

PROPOSED MINE SEQUENCE AND PLANNED SUBSIDENCE BOUNDARY

Dugout Canyon Mine

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