SL-051279-063188

ML-44365

ML-42648

ML-42649

ML-42649

ML-42649

FEE-FISH CREEK

FEE-DUGOUT CANYON

U-07064-027821

U-07064-027821

ML-48435

ML-48435

ML 50582-OBA

NEW PERMIT BOUNDARY

SOLDIER CANYON ROAD

PINE CANYON ROAD

A-RC1

AREA OF FIRST LW PANEL

B-RC1 C-RC1 D-RC1 E-RC1 F-RC1 G-RC1 H-RC1 I-RC1 J-RC1 K-RC1 L-RC1 M-RC1 N-RC1 O-RC1 P-RC1 Q-RC1 R-RC1 S-RC1 T-RC1 U-RC1 V-RC1 W-RC1 X-RC1 Y-RC1 Z-RC1

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 ANNUAL SUBSIDENCE REPORTS)

B246

streeter

RECEIVED
JUL 22 2008
DIV OF OIL, GAS & MINING

RECEIVED
APR 18 2008
DIV OF OIL, GAS & MINING

LICENSED PROFESSIONAL ENGINEER
No. 168346
RICHARD B. WHITE
STATE OF UTAH

MINE PLAN PROJECTIONS

04-09 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)

ML - 50582 - OBA (STATE)

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

ADDITION TO PERMIT 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

2007
1st Quarter 2008
2nd Quarter 2008
3rd Quarter 2008
4th Quarter 2008
2009
2010
2011
2012

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
Refer to Record No 0008 dated 7/31/08 In C0070027 Canyon Fuel Co
For additional information see Ephraim

REVISION	
DATE	BY
01/26/07	JKS
04/27/07	JLP
07/05/07	SC
10/23/07	JLP
02/21/08	VSM/SMF
04/09/08	VSM/SMF

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 | D459.PCP | SCALE: 1"=1000'
APPROVED BY: | FILE NAME: Plate 5-7.dwg | DRAWING OR MAP NUMBER: PLATE 5-7