NOTE:
REFER TO VOLUME 12 FOR DETAILED INFORMATION PERTAINING TO STATE LEASE ML-48258

ML-48258

LEGEND

- DEER CREEK MINE PERMIT BOUNDARY
- U-024317 — FEDERAL COAL LEASE NUMBER
- FEDERAL COAL LEASE BOUNDARY
- COAL OUTCROP
- 5' MINEABLE COAL ISOPACH CONTOUR (>=Greater Than, <=Less Than)
- PILLARED AREA
- LONGWALL MINED AREA
- ESCARPMENT
- LONG TERM RESERVES

N

PROJECTED MILL FORK CANYON FAULT ZONE

U-024317

U-02431-A

U-02810

SL-050221

U-014275

SL-050862

U-024319

U-47977

U-084923

U-084924

U-47979

U-06039

FUTURE POTENTIAL RESERVES

This note only refers to 1st Left, 2nd Left, 3rd Left & 2nd West Panels. Due to the presence of adverse and complex geologic conditions [fault/fracture struggles associated with the Roans Canyon and Left Fork fault systems and fluvial channel scour systems associated with the Bland Canyon Coal Seam] together with uncertainty associated with full extraction mining within the surface utility corridor comprising the proposed mining area - final gate road development extents and associated longwall setup and extraction locations will be subject to change as mining is completed.

Left Fork Fault Zone

Left Fork Fault Zone

ROAN'S CANYON FAULT GRABEN

Possible Water-Filled Fracture

STRAIGHT CANYON SYNCLINE

POWERLINE CORRIDOR

APPARENT OFFSET U D

SEEPS

SL-070645
U-02292

SL-064900

U-1358

2 1/2 ~~South~~ Block

U-044025

F.S.S.U.

FOREST SERVICE SPECIAL USE PERMIT

SULA #1382

SL-066116

U-02664

U-040151

U-040151

U-49332

U-082996

U-47978

U-083066

STATE

R. 6 E.
R. 7 E.

RECEIVED
AUG 24 2004
DIV. OF OIL, GAS & MINING

I, DOUGLAS E. JOHNSON BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Douglas E. Johnson 8-19-04
DOUGLAS E. JOHNSON NO. 160554-2202 DATE

I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 4/30/04
JOHN CHRISTENSEN NO. 165651 DATE

MINE WORKINGS UPDATED TO: AUGUST 1, 2004
CAD FILE NAME/DISK#: CM10899

3-6

DATE	REVISIONS	BY	CHK.
8-19-04	REVISED R2P2 LAYOUT, UPDATED MINE WORKINGS	KJL	
4-30-04	REVISED R2P2 LAYOUT, UPDATED MINE WORKINGS	KJL	
3-9-04	REVISED PERMIT BOUNDARY, R2P2 LAYOUT AND ADDED NOTES REFERRING TO VOLUME 12, AND 1ST WEST, 1ST LEFT, 2ND LEFT, 2ND WEST PANELS	KJL	
1-13-03	REVISED R2P2 LAYOUT	KJL	
9/3/02	LEASE MODIFICATION U-06039 ADDED 65.7 ACRES	KJL	
1-2-02	UPDATED MINE WORKINGS TO JANUARY 1, 2002	KJL	
11-26-01	UPDATED MINE WORKINGS TO NOVEMBER 1, 2001	KJL	
8-27-01	LEASE MODIFICATION TO U-06039	KJL	
4/18/00	REVISED 15TH EAST LONGWALL PANEL LAYOUT SEC. 20 T.16S., R.7E. & UPDATED MINE WORKINGS	KJL	
3/13/00	ADDED SECTION NAMES TO NORTHERN SECTIONS	KJL	
2/9/00	UPDATED MINE WORKINGS AND NOTES	KJL	
2/18/99	REVISED DEER CREEK PERMIT BOUNDARY SEC. 20 T.16S., R.7E. & UPDATED MINE WORKINGS	KJL	
10/1/98	U-06039 LEASE MODIFICATION FROM PROPOSED 40 ACRES TO 50 ACRES, UPDATED MINE WORKINGS	KJL	
5/19/98	ADDED PROPOSED 40 ACRE IBC TO U-06039	KJL	
1/17/97	REVISED 4TH NORTH LAYOUT IN SECTION 20	KJL	
11/9/96	UPDATED MINE WORKINGS TO NOVEMBER 1, 1996	KJL	
7/14/95	REVISED PERMIT BOUNDARY TO REFLECT EXTENSION TO LEASE U-06039	KJL	

ENERGY WEST MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE
LIFE OF MINE PLAN/5 YEAR INCREMENTS
BLIND CANYON COAL SEAM

DRAWN BY: K. LARSEN
SCALE: 1" =1000'
DATE: NOVEMBER 9, 1996
CM-10899-DR
DRAWING #:
SHEET 1 OF 1
REV. ---