LEGEND

- MINE WORKINGS BLIND CANYON COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
- MINE WORKINGS HIAWATHA COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
- LEASE BOUNDARY
- FAULT (DASHED WHERE INFERRED)
- 89-71 SPRING
- * GAS WELL
- TKnh NORTH HORN FORMATION
- Tf FLAGSTAFF FORMATION
- Kpr PRICE RIVER FORMATION
- Km MANCOS SHALE
- Ksp STARPOINT SNADSTONE
- Kbh BLACKHAWK FORMATION
- Kcg CASTLEGATE SANDSTONE

SUBSIDENCE LEGEND

- 2-4 FEET
- 4-6 FEET
- 6-8 FEET
- 8-10 FEET
- 10-12 FEET
- 12-14 FEET
- 14-16 FEET
- 16 FEET OR >

STATE OF UTAH — REFERENCE NUMBER 5224883-2250 — KENNETH S. FLECK — LICENSED PROFESSIONAL GEOLOGIST

I certify that I am a Licensed Professional Geologist in the State of Utah and do also certify that this drawing/plan was prepared by me or under my direction and is accurate as depicted and was compiled using industry accepted methods.

Kenneth S. Fleck 3/20/06

KENNETH S. FLECK NO. 5224883-2250 DATE

Deer Creek Mine Permit Area

Cottonwood/Wilberg Mine Permit Area

Trail Mountain Mine Permit Area

Des-Bee-Dove Mines Permit Area

ML-48258 Subleased I.P.A.-50% Andalex Resources 50%

ML-48258

U-024317

U.P.&L. CO. FEE

U-06039

SL-051221

U-2810

U-014275

SL-050862

U-024319 RELINQUISHED APRIL 24, 1992

U-024319

U-47979 RELINQUISHED APRIL 24, 1992

U-47977

U-7653 Coal Sublease Terminated Effective 3/18/02

STATE ML-22509 Relinquished 12/6/01

U-084923

U-084924

U-47979

SL-064607 064621 RELINQUISHED APRIL 24, 1992

SULA #1382

SL-070645 U-02292 RELINQUISHED APRIL 24, 1992

SL-066116 RELINQUISHED APRIL 24, 1992

SL-066116 RELINQUISHED MAY 15, 1995

DEER CREEK MINE

McKINNON FEE

U-02664 RELINQUISHED APRIL 24, 1992

U-040151

L.D.S. FEE Relinquished 11/18/98

U-1358 RELINQUISHED APRIL 24, 1992

U-1358 RELINQUISHED JUNE 12, 1995

U-02664 RELIN. 4-24-92

SL-050133 RELINQUISHED APRIL 22, 1992

U-083066

COTTONWOOD/ WILBERG MINE

U-044022

U-47978

U-47978 RELINQUISHED APRIL 24, 1992

U-47978 RELINQUISHED OCTOBER 16, 1992

TRAIL MTN. MINE

L.D.S. FEE

U-49332

U-062996

STATE ML-22603 RELINQUISHED JANUARY 31, 1996

UTU-64375

U-37641 SEWER ABSORPTION FIELD

S.U.L.A. 1195

SEDIMENTATION POND

WASTE ROCK STORAGE SITE U-37642

WASTE ROCK STORAGE SITE UTU-65027

FOREST SERVICE SPECIAL USE PERMIT

DES-BEE-DOVE

U-47978 RELINQUISHED OCTOBER 16, 1992

U-47978 RELINQUISHED APRIL 24, 1992

JOES VALLEY FAULT

LEFT FORK FAULT ZONE

PROJECTED EAST EDRY CANYON FAULT ZONE

ROAN'S CANYON FAULT GRABEN

STRAIGHT CANYON SYNCLINE

MILL FORK GRABEN

DEER CREEK FAULT

MINE PERMIT BOUNDARY

SKEEN MINE

HELCO MINE

BEAVER CREEK MINE

T. 16 S. T. 17 S.

R. 6 E. R. 7 E.

RECEIVED APR 12 2006 DIV. OF OIL, GAS & MINING

HM-5

CAD FILE NAME/DISK#: USERS\KJL\EM\HM-5-2004.DWG

ENERGY WEST MINING COMPANY
HUNTINGTON, UTAH 84528

SPRING MAP/EAST & TRAIL MTNS. WITH 5 YEAR MINE PLAN 2006-2010 AND 2005 SUBSIDENCE ZONES

DRAWN BY:	K. LARSEN	CE-10904-EM	
SCALE:	1" =2000'	DRAWING #:	
DATE:	MARCH 8, 2006	SHEET 1 OF 1	REV.

LICENSED PROFESSIONAL ENGINEER — JOHN CHRISTENSEN — No. 165651 — STATE OF UTAH

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 3/20/06

JOHN CHRISTENSEN NO. 165651 DATE

N