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 >

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

ML-48258

Deer Creek Mine Permit Area

U-02431?

U.P.&L. CO. FEE

U-06039

SL-051221

U-2810

U-014275

SL-050862

U-024319 RELINQUISHED APRIL 24, 1992

U-024319

U-47977

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

STATE ML-22509 Relinquished 12/6/01

U-47979 RELINQUISHED APRIL 24, 1992

U-47979

U-084923

U-084924

U-083066

U-040151

Cottonwood/Wilberg Mine Permit Area

SL-064607 064621 RELINQUISHED APRIL 24, 1992

SL-070645 U-02292 RELINQUISHED APRIL 24, 1992

SL-070645 U-02292

SL-064607 064621

SULA #1382

SL-066116 RELINQUISHED APRIL 24, 1992

SL-066116 RELINQUISHED MAY 15, 1995

U-02664 RELINQUISHED APRIL 24, 1992

U-02664

U-02664 RELIN. 4-24-92

U-02664 RELINQUISHED APRIL 24, 1992

SL-050153 RELINQUISHED APRIL 24, 1992

U-1358 RELINQUISHED APRIL 24, 1992

U-1358 RELINQUISHED JUNE 12, 1995

U-1358

U-044029

U-47978

U-47978 RELINQUISHED APRIL 24, 1992

U-47978 RELINQUISHED OCTOBER 16, 1992

U-47978 RELINQUISHED APRIL 24, 1992

U-49332

U-082996

U-64375

Trail Mountain Mine Permit Area

STATE ML-22603 RELINQUISHED JANUARY 31, 1996

U-37641 SEWER ABSORPTION FIELD

WASTE ROCK STORAGE SITE U-37642

WASTE ROCK STORAGE SITE UTU-65027

S.U.L.A. 1195

SEDIMENTATION POND

Des-Bee-Dove Mines Permit Area

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

L.D.S. FEE

U.P.&L. CO. FEE

McKINNON FEE

DEER CREEK MINE

COTTONWOOD/ WILBERG MINE

TRAIL MTN. MINE

DES-BEE-DOVE

HELCO MINE

SKEEN MINE

BEAVER CREEK MINE

OLIPHANT MINE

FOREST SERVICE SPECIAL USE PERMIT

U-64900

U-02664

U-040151

U-47978

U-49332

U-082996

U-64375

U-084924

U-084923

U-083066

U-47977

U-024319

U-02431?

U-06039

U-7653

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SL-064607 064621

SL-066116

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U-014275

U-051221

SL-050862

SL-050153

SL-064607 064621

SL-066116

SL-070645 U-02292

T. 16 S.
T. 17 S.

T. 17 S.
T. 18 S.

R. 6 E.
R. 7 E.

RECEIVED
MAY 01 2007
DIV. OF OIL, GAS & MINING

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 185691
4/17/07
STATE OF UTAH

STATE OF UTAH
REFERENCE NUMBER
5726083-2200
4/18/07
KENNETH S. FLECK
LICENSED PROFESSIONAL GEOLOGIST

N

HM-5

CAD FILE NAME/DISK#: HM-5-2006.DWG

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

SPRING MAP/EAST & TRAIL MTNS. WITH 5 YEAR MINE PLAN 2007-2011 AND 2006 SUBSIDENCE ZONES

DRAWN BY:	K. LARSEN	CE-10904-EM	
SCALE:	1"=2000'	DRAWING #:	
DATE:	MARCH 21, 2007	SHEET 1 OF 1	REV.