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)
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 >
Deer Creek Mine Permit Area
ML-48258
ML-48258 Subleased I.P.A.-50% Andalex Resources 50%
UTU-84285
VALLEY FAULT
PROJECTED MILL FORK CANYON FAULT ZONE
HELCO MINE
SKEEN MINE
BEAVER CREEK MINE
U-024317
U.P.&L. CO. FEE
U-06039
SL-051221
U-2810
U-014275
SL-050862
U-024319
U-024319 RELINQUISHED APRIL 24, 1992
U-47979 RELINQUISHED APRIL 24, 1992
U-7653 Coal Sublease Terminated Effective 3/18/02
U-47977
STATE ML-22509 Relinquished 12/6/01
T. 16 S.
T. 17 S.
LEFT FORK FAULT ZONE
ROAN'S CANYON FAULT GRABEN
U-084924
U-084923
U-47979
SL-064607 064621 RELINQUISHED APRIL 24, 1992
SULA #1382
Deer Creek Mine Permit Area
SL-070645 U-02292 RELINQUISHED APRIL 24, 1992
SL-064607 064621
SL-070645 U-02292
DEER CREEK MINE
McKINNON FEE
MIN CREEK FAULT = MINE LIMIT BOUNDARY
SL-066116 RELINQUISHED APRIL 24, 1992
SL-066116 RELINQUISHED MAY 15, 1995
U-02664 RELINQUISHED APRIL 24, 1992
STRAIGHT CANYON SYNCLINE
MILL FORK GRABEN
U-083066
U-040151
Cottonwood/Wilberg Mine Permit Area
L.D.S. FEE Relinquished 11/18/98
U-1358 RELINQUISHED APRIL 24, 1992
U-1358 RELINQUISHED JUNE 12, 1995
U-02664
U.P.&L. CO. FEE
U-02664 RELIN. 4-24-92
SL-050133 RELINQUISHED APRIL 22, 1992
COTTONWOOD/ WILBERG MINE
U-044025
U-1358 RELINQUISHED APRIL 24, 1992
DES-BEE-DOVE
FOREST SERVICE SPECIAL USE PERMIT
TRAIL MTN. MINE
L.D.S. FEE
U-49332
U-082996
U-47978
U-47978 RELINQUISHED APRIL 24, 1992
U-47978 RELINQUISHED OCTOBER 16, 1992
STATE ML-22603 RELINQUISHED JANUARY 31, 1996
UTU-64375
Trail Mountain Mine Permit Area
R. 6 E.
R. 7 E.
Des-Bee-Dove Mines Permit Area
U-37641 SEWER ABSORPTION FIELD
S.U.L.A. 1195
SEDIMENTATION POND
WASTE ROCK STORAGE SITE U-37642
WASTE ROCK STORAGE SITE UTU-65027
T. 17 S.
T. 18 S.
OLIPHANT MINE
RECEIVED MAY 01 2007 DIV. OF OIL, GAS & MINING
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
SCALE: 1"=2000'
DATE: MARCH 21, 2007
CE-10904-EM
DRAWING #:
SHEET 1 OF 1
REV.
N
LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 155651 STATE OF UTAH
STATE OF UTAH REFERENCE NUMBER 5224883-2250 KENNETH S. FLECK LICENSED PROFESSIONAL GEOLOGIST