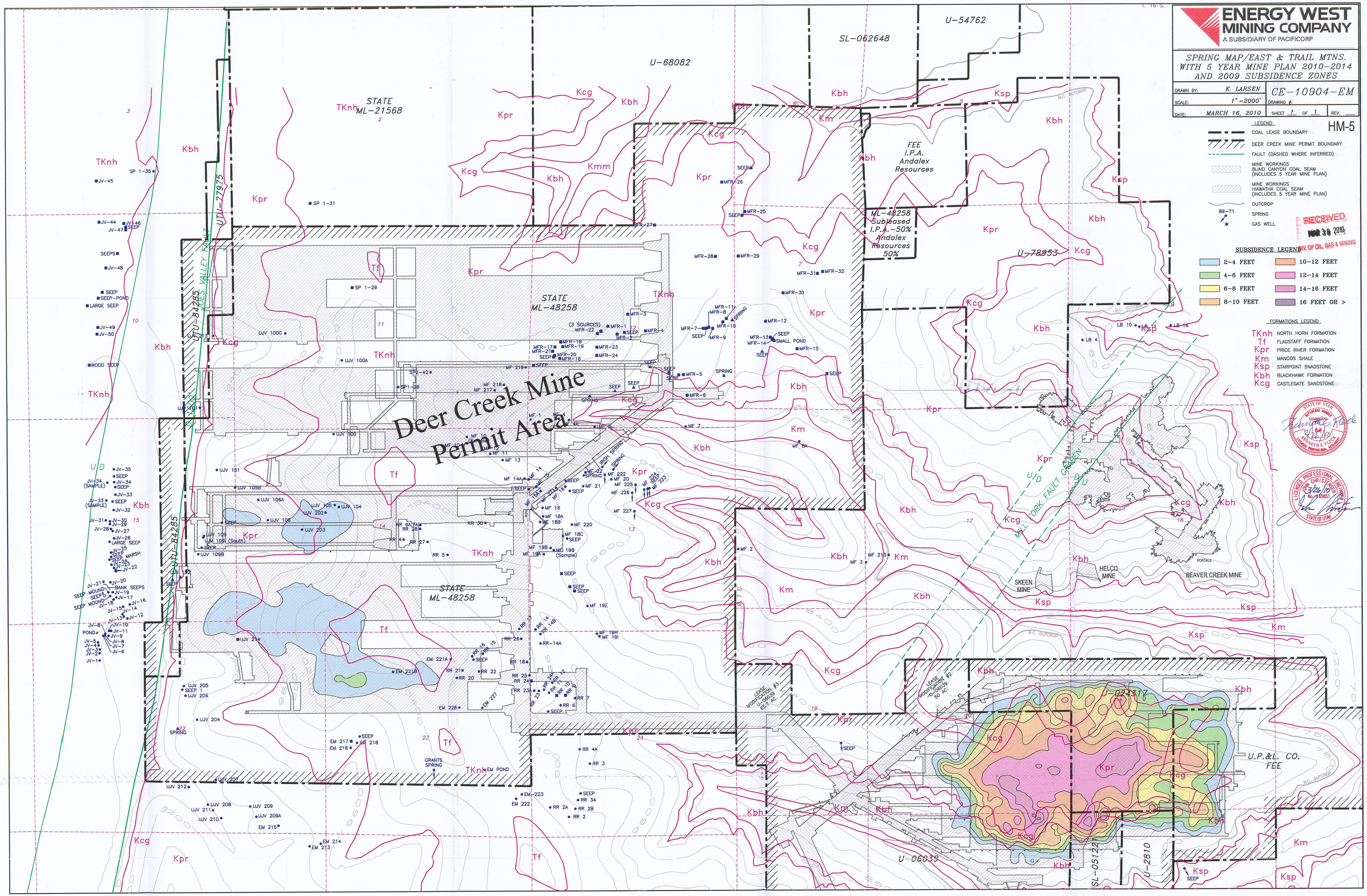
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
SPRING MAP/EAST & TRAIL MTNS.
WITH 5 YEAR MINE PLAN 2010-2014
AND 2009 SUBSIDENCE ZONES
DRAWN BY: K. LARSEN
SCALE: 1" =2000'
DATE: MARCH 16, 2010
CE-10904-EM
DRAWING #:
SHEET 1 OF 1
REV.
HM-5
LEGEND
COAL LEASE BOUNDARY
DEER CREEK MINE PERMIT BOUNDARY
FAULT (DASHED WHERE INFERRED)
MINE WORKINGS BLIND CANYON COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
MINE WORKINGS HIAWATHA COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
OUTCROP
SPRING
GAS WELL
RECEIVED
MAR 30 2010
DIV. OF OIL, GAS & MINING
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 >
FORMATIONS LEGEND
TKnh NORTH HORN FORMATION
Tf FLAGSTAFF FORMATION
Kpr PRICE RIVER FORMATION
Km MANCOS SHALE
Ksp STARPOINT SNADSTONE
Kbh BLACKHAWK FORMATION
Kcg CASTLEGATE SANDSTONE
STATE OF UTAH
REFERENCE MARKER
KENNETH S. FIELDS
PROFESSIONAL ENGINEER
LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 156651
STATE OF UTAH
Deer Creek Mine
Permit Area
STATE
ML-21568
STATE
ML-48258
STATE
ML-48258
U-68082
SL-062648
U-54762
FEE
I.P.A.
Andalex
Resources
ML-48258
Subleased
I.P.A.-50%
Andalex
Resources
50%
U-78853
U-024317
U-05122
U-2810
U-06039
U.P.&L. CO.
FEE
UTU-77975
UTU-84285
UTU-84285
MILL FORK FAULT GRABEN
BEAVER CREEK MINE
HELCO MINE
SKEEN MINE
PORTALS
GRANTS SPRING
RISH SPRING
SMALL POND
EM POND
B.C. OUTCROP
LEASE MODIFICATION #3 U-06039 65.1 AC.
LEASE MODIFICATION #2 U-06039 50 AC.