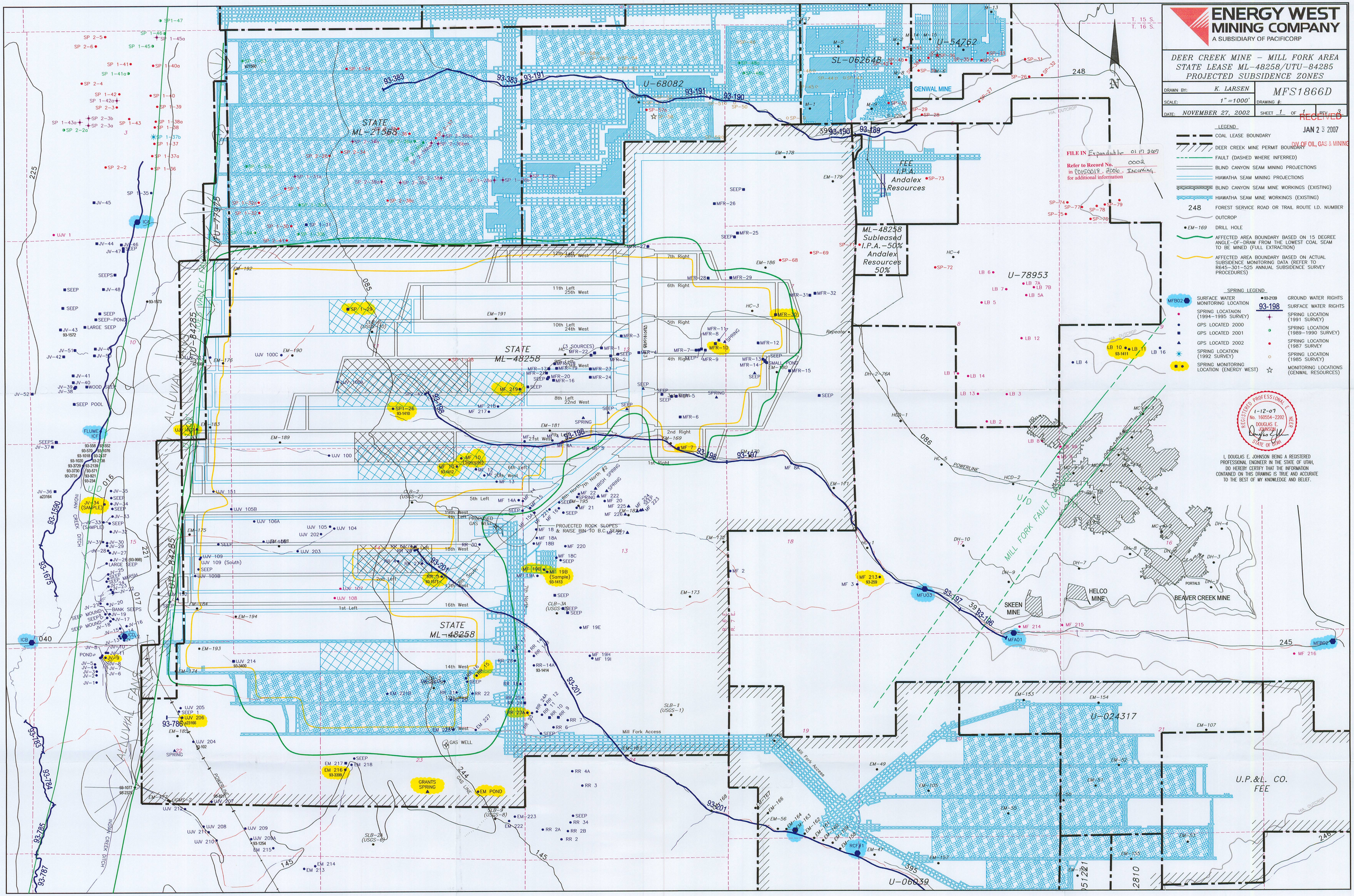
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
DEER CREEK MINE – MILL FORK AREA
STATE LEASE ML-48258/UTU-84285
PROJECTED SUBSIDENCE ZONES
DRAWN BY: K. LARSEN
SCALE: 1"=1000'
DATE: NOVEMBER 27, 2002
MFS1866D
DRAWING #:
SHEET 1 OF 1
REV. 3
RECEIVED
JAN 23 2007
DIV OF OIL, GAS & MINING
FILE IN Expandable 01 17 2007
Refer to Record No. 0002
in C0150018, 2006, Incoming
for additional information
LEGEND
COAL LEASE BOUNDARY
DEER CREEK MINE PERMIT BOUNDARY
FAULT (DASHED WHERE INFERRED)
BLIND CANYON SEAM MINING PROJECTIONS
HIAWATHA SEAM MINING PROJECTIONS
BLIND CANYON SEAM MINE WORKINGS (EXISTING)
HIAWATHA SEAM MINE WORKINGS (EXISTING)
248 FOREST SERVICE ROAD OR TRAIL ROUTE I.D. NUMBER
OUTCROP
EM-169 DRILL HOLE
AFFECTED AREA BOUNDARY BASED ON 15 DEGREE ANGLE-OF-DRAW FROM THE LOWEST COAL SEAM TO BE MINED (FULL EXTRACTION)
AFFECTED AREA BOUNDARY BASED ON ACTUAL SUBSIDENCE MONITORING DATA (REFER TO R645-301-525 ANNUAL SUBSIDENCE SURVEY PROCEDURES)
SPRING LEGEND
MFB02 SURFACE WATER MONITORING LOCATION
SPRING LOCATAION (1994-1995 SURVEY)
GPS LOCATED 2000
GPS LOCATED 2001
GPS LOCATED 2002
SPRING LOCATION (1992 SURVEY)
SPRING MONITORING LOCATION (ENERGY WEST)
93-2139 GROUND WATER RIGHTS
93-198 SURFACE WATER RIGHTS
SPRING LOCATION (1991 SURVEY)
SPRING LOCATION (1989-1990 SURVEY)
SPRING LOCATION (1987 SURVEY)
SPRING LOCATION (1985 SURVEY)
MONITORING LOCATIONS (GENWAL RESOURCES)
REGISTERED PROFESSIONAL ENGINEER
1-12-07
No. 160554-2202
DOUGLAS E. JOHNSON
STATE OF UTAH
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.
STATE ML-21568
STATE ML-48258
U-68082
SL-062648
U-54762
GENWAL MINE
FEE I.P.A. Andalex Resources
ML-48258 Subleased I.P.A.-50% Andalex Resources 50%
U-78953
U-024317
U-06039
U.P.&L. CO. FEE
SKEEN MINE
HELCO MINE
BEAVER CREEK MINE
MILL FORK FAULT
ALLUVIAL FAULT
Mill Fork Access
GRANTS SPRING
EM POND
GAS WELL
POWERLINE
T. 15 S.
T. 16 S.