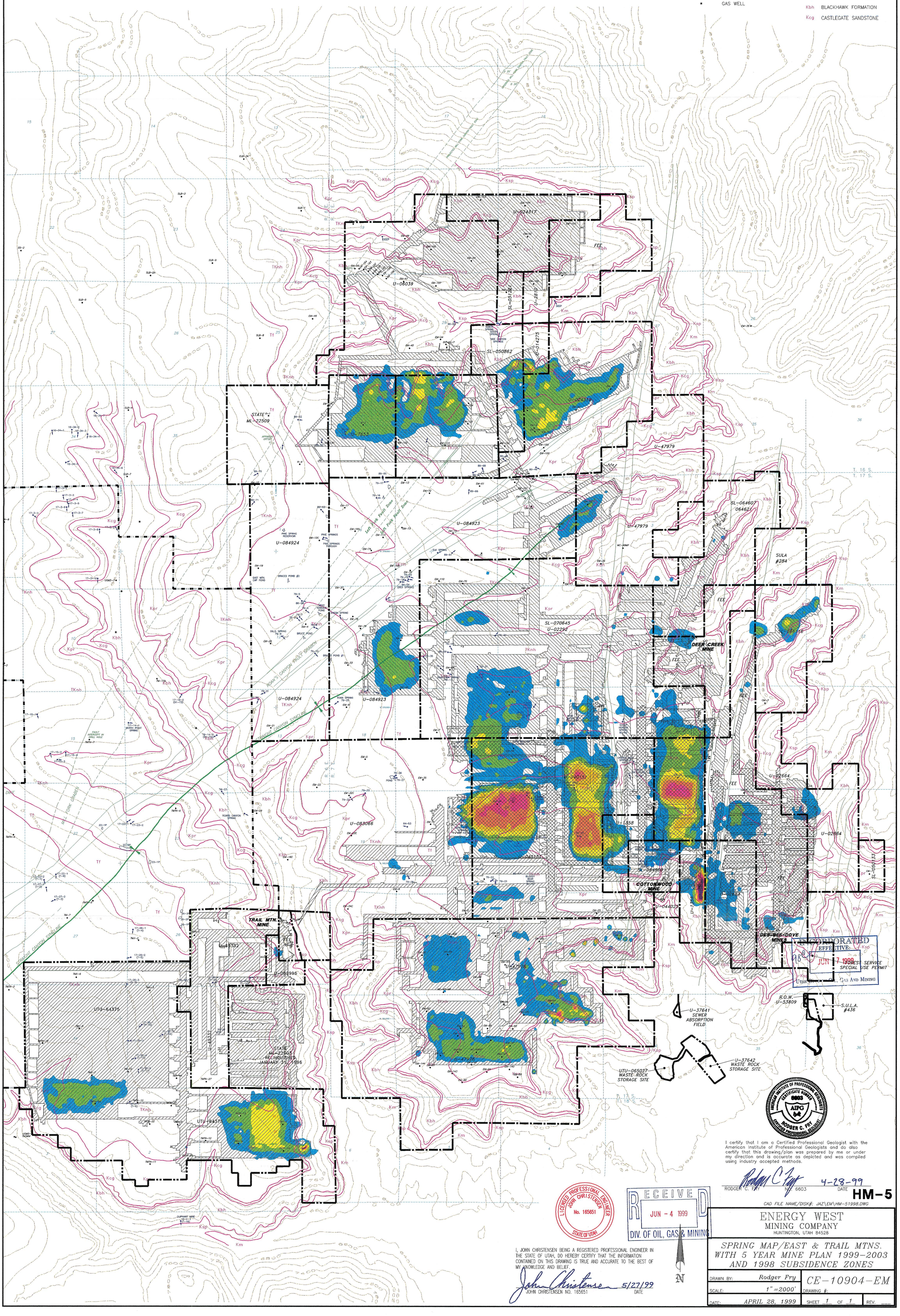
SUBSIDENCE LEGEND

2-4 FEET	8-10 FEET	14-16 FEET
4-6 FEET	10-12 FEET	16-18 FEET
6-8 FEET	12-14 FEET	

LEGEND

- LEASE APPLICATION BOUNDARY
- PACIFICORP EAST MOUNTAIN PROPERTY BOUNDARY
- TRAIL MOUNTAIN MINE PERMIT AREA BOUNDARY
- FAULT (DASHED WHERE INFERRED)
- SPRING
- BLIND CANYON COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
- HIAWATHA COAL SEAM (INCLUDES 5 YEAR MINE PLAN)
- 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



INCORPORATED
EFFECTIVE:
JUN 7 1999
FOREST SERVICE SPECIAL USE PERMIT
UTAH DIV. OF OIL, GAS AND MINING

MICHIGAN INSTITUTE OF PROFESSIONAL GEOLOGISTS
CERTIFICATE NUMBER 6603
AIPG
RODGER C. FRY
CERTIFIED PROFESSIONAL GEOLOGIST

I certify that I am a Certified Professional Geologist with the American Institute of Professional Geologists 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.

RODGER C. FRY NO. 6603 — DATE 4-28-99

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

RECEIVED
JUN - 4 1999
DIV. OF OIL, GAS & MINING

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 NO. 165651 — DATE 5/27/99

N

HM-5

CAD FILE NAME/DISK#: JAZ\EM\HM-51998.DWG

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

SPRING MAP/EAST & TRAIL MTNS.
WITH 5 YEAR MINE PLAN 1999-2003
AND 1998 SUBSIDENCE ZONES

DRAWN BY:	Rodger Fry	CE-10904-EM	
SCALE:	1"=2000'	DRAWING #:	
DATE:	APRIL 28, 1999	SHEET 1 OF 1	REV. ___