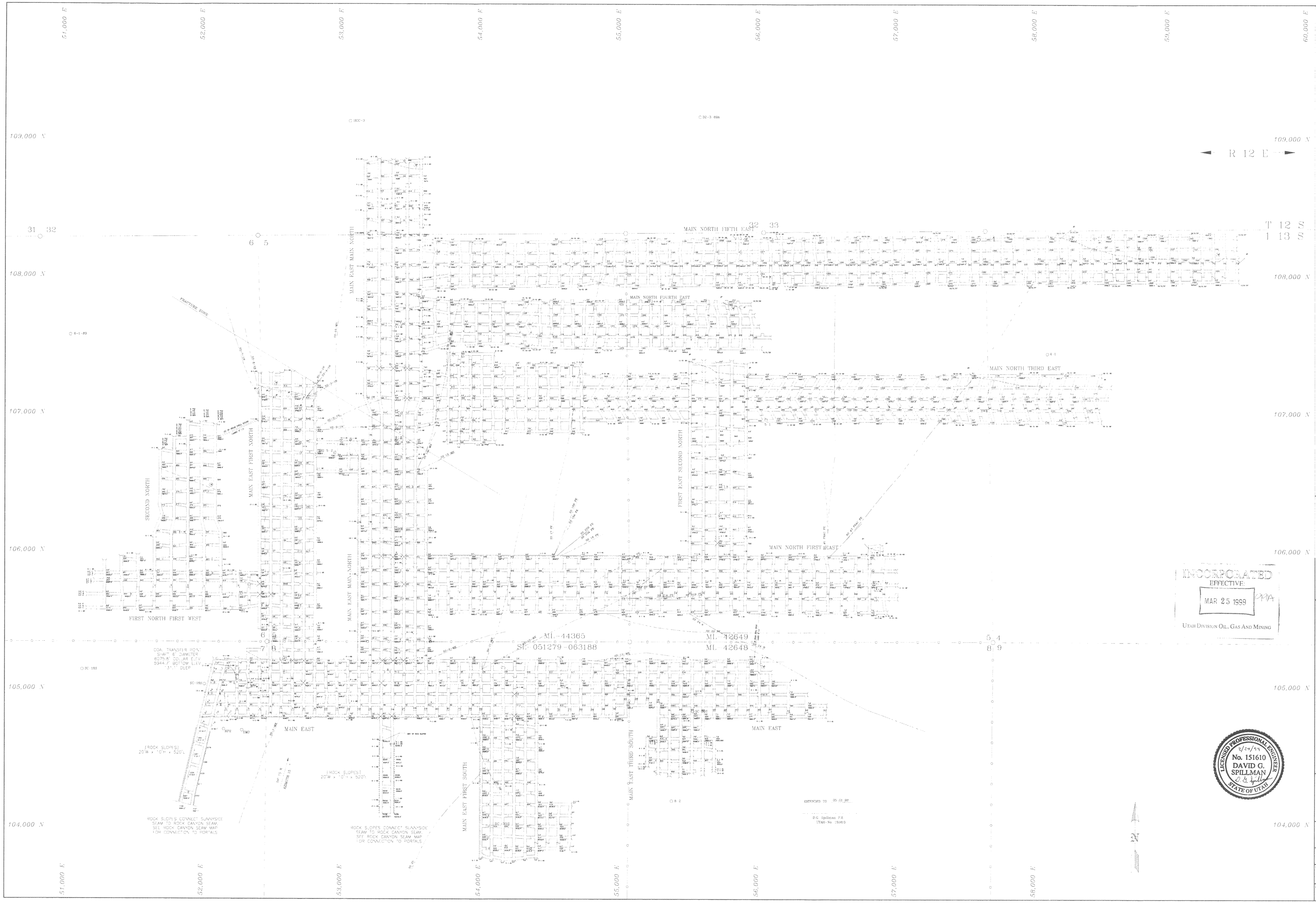

INCORPORATED
EFFECTIVE:
MAR 25 1999
OPA
UTAH DIVISION OIL, GAS AND MINING

LICENSED PROFESSIONAL ENGINEER
2/24/99
No. 151610
DAVID G. SPILLMAN
D. G. Spillman
STATE OF UTAH

VENTILATION EVALUATION POINTS
WATER SUMPS:

MINE PROGRESS MAP
SOLDIER CANYON MINE
P.O. BOX 1029, WELLINGTON, UT. 84542

LEASE: Nos. SL-051279-063188, U-50702, ML-42648, ML 42649, ML-44365

MSHA I.D. No. 42-00077
D.O.G.M. M.R.P. PERMIT No. ACT 007 0018
0' 100' 200' 400'

LEGEND

PERMIT BOUNDARY	REGULATOR
OUTCROP BOUNDARY	OVERCAST
BURN BOUNDARY	STOPPING
COVER LINES	STOPPING DOOR
MINED OUT AREA	STOPPING / DRIVE THRU DOOR
INTAKE AIR COURSE	PERMANENT SEAL
RETURN AIR COURSE	PRIMARY ESCAPEWAY
GOBBED ROCK	SECONDARY ESCAPEWAY
DEGAS PIPELINE	TELEPHONE
DEGAS DRILL HOLE	BELT HAULAGE ENTRY
S.C.S.R. LOCATION	TEMPORARY STOPPING
LEASE BOUNDARY	WATER LEVEL
PROPOSED INTAKE	BELT DRIVE
PROPOSED RETURN	PROPOSED SECONDARY MINING
PIPE REGULATOR	PROPOSED OVERCAST
VERTICAL DRILL HOLE	VENTILATION EVALUATION PT.
CO SENSOR	TOP-OF-SEAM CONTOUR
CH4 SENSOR	LINE BRATTICE

Canyon Fuel Company, LLC
Soldier Canyon Mine

TITLE: Sunnyside Seam Mine Progress Map

DATE: 02-23-99	SCALE: 1" = 300'
REVISIONS:	DRAWN BY: J. PORTER
CAD DRAWING: SCSSMAP.DWG	DRAWING NO.: Exhibit 5.22-2