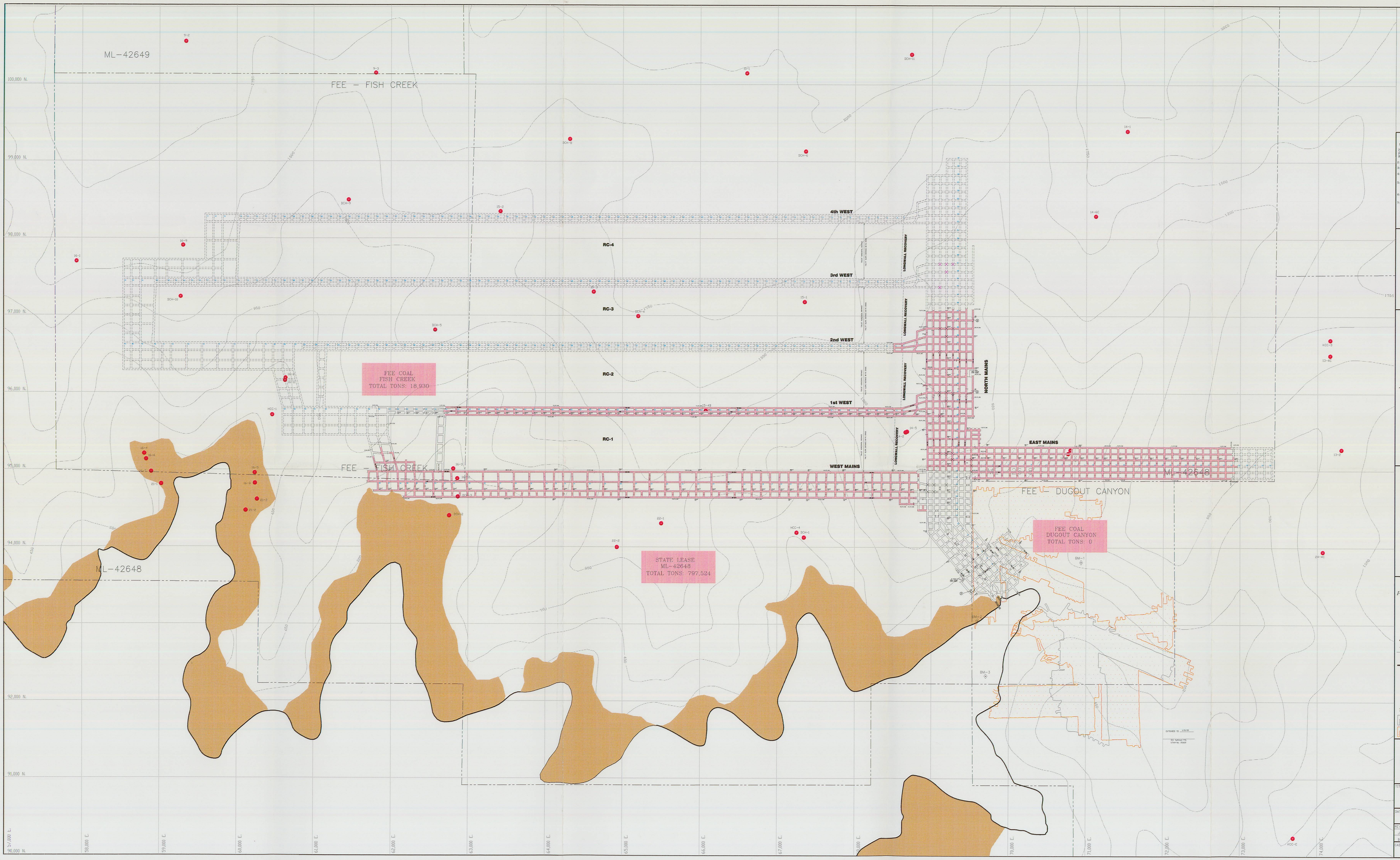


NOTES

1. PERMANENT CONTROL POINTS

NAME	NORTHING	EASTING	ELEVATION
CMP	92593.063	69702.262	7243.7'
FRESNOUT	93812.004	70905.026	7044.2'
BEYNOND	95021.974	68020.515	7265.1

2. BASIS OF BEARING: BOLDER CREEK LOCAL COORDINATE SYSTEM

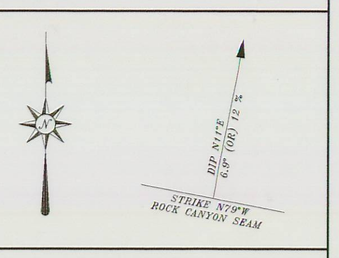
3. THERE ARE NO KNOWN EXISTING OIL OR GAS WELLS LOCATED ON PROPERTY

4. DUGOUT MINE ROCK CANYON SEAM IS LOCATED APPROXIMATELY 60' ABOVE THE EXISTING DUGOUT MINE GILSON SEAM.

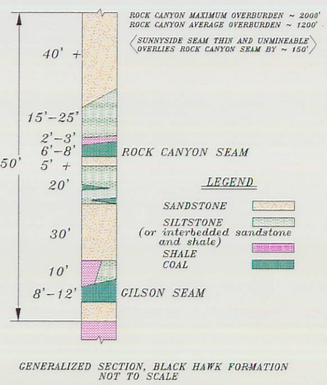
5. THERE ARE EXISTING MINE WORKINGS OR MINE PROPERTY SHOWN ON THIS MAP THAT ARE LOCATED IN THE ROCK CANYON AND GILSON COALBEDS THAT ARE WITHIN 1000' OF EXISTING OR PROJECTED WORKINGS

6. THIS MAP CONTAINS INFORMATION SHOWN TO SATISFY THE REQUIREMENTS OF 30 CFR 75.371 THAT IS SUBJECT TO APPROVAL BY THE DISTRICT MANAGER

7. FAN:
MODEL: 200 AXIVANE (L-14)
SIZE: 200 DIA. IN.
QUANTITY: 100,000 CFM
BLADE SETTING: 11.8°
MOTOR: 200 HP, 1800 RPM RP-75
FAN SPEED 500 RPM



DUGOUT PROJECT
ROCK CANYON SEAM



GENERALIZED SECTION, BLACK HAWK FORMATION
NOT TO SCALE

LICENSED PROFESSIONAL ENGINEER
3/12/00
No. 151610
DAVID G. SPILLMAN
STATE OF UTAH

RECEIVED
MAR 20 2000
DIVISION OF
OIL, GAS AND MINING

MINE PROGRESS MAP
DUGOUT CANYON MINE
P.O. BOX 1029, HELLINGTON, UT. 84542
LEASE NOS. (FEE COAL PARCELS) ML-42649, ML-42648
(STATE LEASE)
M.S.H.A. I.D. No: 42-01890
BCOM NEW PERMIT No. ACT/007/029

LEGEND

OUTCROP BOUNDARY	REGULATOR
COVER LINES	OVERCAST
INTAKE AIR COURSE	STOPPING
RETURN AIR COURSE	STOPPING / DOOR
GOBBED ROCK	STOPPING / DOUBLE TIERS DOOR
U.C.G.R. LOCATION	PERMANENT SEAL
LEASE BOUNDARY	PRIMARY ESCAPEWAY
PIPE REGULATOR	SECONDARY ESCAPEWAY
CHECK DOU STOPPING	TELEPHONE
CO SENSOR	BELT HAULAGE ENTRY
CH4 SENSOR	TEMPORARY STOPPING
PROJECTED VENTILATION	WATER LEVEL
	BELT DRIVE
IN SEAM DRILL HOLES	VENTILATION EVALUATION PT.
14-5	LINE BRATTICE
	LONGWALL MINING
EXISTING ROCK CANYON WORKINGS	
EXISTING GILSON SEAM WORKINGS (UNDERLIES THE ROCK CANYON SEAM)	1999 PRODUCTION

Canyon Fuel Company, LLC
Dugout Canyon Mine

TITLE: Rock Canyon Seam 1999 Production Map	
DATE: 03/18/98	SCALE: 1"= 500'
REVISIONS:	DRAWN BY: J. PORTER
UPDATED: 03-23-99	
EDITED: 06-21-00	
CAD DRAWING: 1999PROD.DWG	DRAWING NO: