

0002



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company Garfield Coal Company
2. Proposed type of operation Coal Mining -
3. (a) Prior Land Use(s) none  
(b) Current Land Use(s) none  
(c) Possible or Prospective Future Land Use(s) none
4. What vegetation exists on the land proposed to be affected Sage brush - Pinion pine and cedar trees - at mine outcrop - no vegetation  
(a) Types and Estimated Percent cover or density: 2% near mine - 0% at mine -
5. What is the pH range of soil before mining? 7.2 pH  
Name of Person or Agency and method of determining pH Alfred L. Foster - soil test kit -
6. Site elevation above sea level 6000
7. In case of coal, oil shale, and bituminous sandstone:  
Principal seam(s) and thickness(es) Henderson Coal Zone - 22 feet average
8. Estimated duration of mining operations 18 Years
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (XX) No  
Does the above material being moved have any other characteristics affecting revegetation? none
10. Will any underground workings or aquifers be encountered? ( ) Yes (XX) No  
Describe \_\_\_\_\_  
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (XX) No If yes, describe the quality of water being discharged. \_\_\_\_\_

11. Describe specifically a detailed procedure for:
- (a) The mining sequence -- UNDERGROUND, APPROVED BY THE STATE INSPECTOR.
  - (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades. EXISTING COUNTY ROAD
  - (c) The procedure for site preparation including removing trees and brush. NO TREE REMOVAL - ONE ACRE BLADED FOR STOCKPILING
  - (d) The method for removing and stockpiling topsoil or disturbed materials. NO MATERIALS TO BE DISTURBED
  - (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials. NOT APPLICABLE
  - (f) A procedure for final stabilization of disturbed materials. REPLANT OF RANGE GRASS ON ONE ACRE, AND COVERING OF MINE ENTRANCE GRADING AND REGRADING



Specifically describe:

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- (c) What type of soil treatment will be utilized.
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope.

COAL DUST TO BE DISKED INTO CLAY SOIL AND GRASS SEED PLANTED - REMAINDER NOT APPLICABLE  
TESTING

1. Describe method for testing stability of reclamation fill material.

NOT APPLICABLE

Describe method for the testing of soil that is intended to support vegetation

NONE - PLANT RANGE GRASS SEED FOR ANY FUTURE PASTURE SERVICE

2. Describe any soil treatment employed as an aid to revegetation \_\_\_\_\_

NONE

3. Describe surface preparation of areas intended to support vegetation:

NONE

REVEGETATION

1. Revegetation to be completed by:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Operator        | <input type="checkbox"/> Hydroseeding                    |
| <input type="checkbox"/> Soil Conservation District | <input type="checkbox"/> Aerial Seeding                  |
| <input type="checkbox"/> Private Contractor         | <input type="checkbox"/> Conventional or Rangeland Drill |
| <input type="checkbox"/> Other (specify) _____      | <input checked="" type="checkbox"/> Broadcast and Drag   |
|   | <input type="checkbox"/> Other _____                     |

2. Will Mulch be used? ( ) Yes (XX) No

Type: \_\_\_\_\_ Rate/Acre \_\_\_\_\_ lbs.

3. Revegetation Plan and Schedule -

| Species   | Rate/<br>Acre | Planting<br>Location | Facing<br>N-S-E-W | Season<br>to be replanted |
|---|---------------|----------------------|-------------------|---------------------------|
| <del>AS RECOMMENDED BY THE PANGUITCH SOIL CONSERVATION OFFICE -</del> |               |                      |                   |                           |
|   |               |                      |                   |                           |
|   |               |                      |                   |                           |
|   |               |                      |                   |                           |
|   |               |                      |                   |                           |

4. Will affected area be subject to livestock or wildlife grazing?

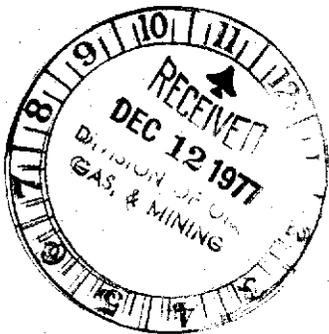
(XX) Yes ( ) No Will vegetation protection be needed? \_\_\_\_\_

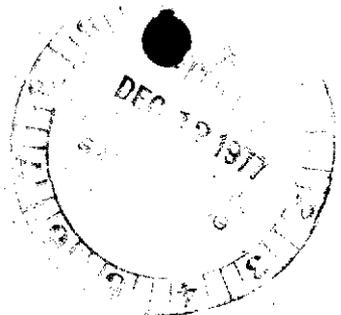
IN A MINOR WAY

5. Will irrigation be used: ( ) Yes (XX) No Type \_\_\_\_\_

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

NO MAINTENANCE PROCEDURE - AFTER ONE YEAR, REPLANT IF NECESSARY





STATE OF UTAH

COUNTY OF GARFIELD

I, ALFRED L. FOSTER, having been duly sworn

depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: Alfred L. Foster

Taken, subscribed and sworn to before me the undersigned authority in my said county, this 7<sup>TH</sup> day of DECEMBER, 19 77.

Notary Public: J. Baultier

My Commission Expires: Oct. 15, 1978



PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as follows:

"Information relating to the location, size, or nature of the deposit and marked confidential by the operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the operator, or until the mining operation has been terminated as provided in subsection (2) of section 40-8-21."

Is confidential information contained herein?

YES af (Initial)

NO \_\_\_\_\_ (Initial)

Sections desired to be maintained as confidential information -

Sec 36      T 36      R 2W