STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 28, 1983

REGISTERED RETURN RECEIPT REQUESTED

Mr. Richard Blubaugh
Atlas Minerals
Moab Mill Office
North Highway 163
Moab, Utah 84532-1207

ACT/037/023

RE: Conditions Pertaining
to Final Approval
of the Atlas Minerals
Mined Land Reclamation
Contract.
All Atlas Files

Dear Mr. Blubaugh:

Pursuant to the Utah Mined Land Reclamation Act, Title 40-8, Utah Code Annotated, 1953, the Board of Oil, Gas and Mining on October 28, 1982 concurred with the Division staff to issue tentative approval for the Mining and Reclamation Plans and approved the Contract form of surety. In accordance with Section 40-8-13 (4) of the Utah Mined Land Reclamation Act notice was published for a thirty day public comment period commencing on November 19, 1982. No adverse comments were received during that period. The Board subsequently gave final approval to the Contract form and amount of surety on January 27, 1983.

Due to the nature and extent of the review, the following conditions have been attached to the final Division approval. A written commitment from Atlas Minerals satisfying these items should be forwarded to the Division along with the signed and sealed Reclamation Contract.

1. A specific plan, or alternate set of plans, detailing and documenting the type of method(s) proposed to permanently reclaim and seal existing or proposed mine portals, adits, boreholes, vents and shafts should be provided to the Division for review. The details for such closures have not been provided on any Atlas mine plans currently on file. These plans are requested in order to determine whether or not compliance can be achieved with Section 40-8-12 (1), (b) and (c); Rule M-3 (2)(d); and Rule M-10 (2)(a).

2. The Division agrees with the proposal outlined in Atlas Mineral's letter of January 21, 1983 indicating Atlas' intention to permanently

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reclaim the Cane Creek Mine, ACT/019/007. However, the purpose of providing a demonstration site for reclamation techniques has been somewhat negated. Therefore the Division requests that additional information be provided detailing Atlas Mineral's reclamation efforts and results of at least one minesite in Colorado (as discussed January 20, 1983 with Richard Blubaugh). This Colorado site should exhibit conditions similar in nature to sites in Utah and essentially be biologically and topographically equivalent. The information submitted should include; percent ground cover of native vegetation, site maps, seed bed preparation methods, seeding or planting techniques, seed rates and amounts, application of amendments if used, topsoil data, and precipitation data, and time of seeding or planting. An annual monitoring report on the progress and success of the reclamation work, including at a minimum the total percent vegetative cover of the seeded species (over time) should be submitted for a period of at least three years.

This request is essentially due to the Division's concern that Atlas' choice of the Cane Creek Mine has not taken into consideration the need for providing a substantial waste rock pile in order to adequately determine vegetative success standards which could be readily transferable to other Atlas minesites in Utah.

3. An ultimate reclamation commitment regarding the removal of irrigation pipe and associated pumping equipment is necessary for the Wood Lease Mine, ACT/037/021. In addition, submittal of water analyses reports substantiating compliance with State Health Department standards (parameters to include radioelement measurements) should be made to the Division for verification. If older analyses are unavailable, a new series of measurements should be taken and submitted as well as a narrative describing the formation source beds for this water.

4. A location map which includes present surface structures, topographic features, access and drainages, as mentioned in the Division's December 8, 1982 letter should be sumbitted for the Happy Jack Mine, ACT/037/024.

5. An updated map including access to the Cane Creek Mine site, ACT/019/007 is requested per the Division's letter of December 8, 1982.

6. The updated map requested in the Division's letter of December 8, 1982 should also be provided for the Calliham Sage Mine, ACT/037/023.

7. The total estimated bond value for the twenty-one approved mine plans is:

for 1983	$941,917
for 1984	$1,036,109
for 1985	$1,139,720
for 1986	$1,253,691

These figures include a 10% annual inflation factor incorporated into them and should be confirmed by Atlas.

Upon the Division's receipt of the signed contract and written confirmation of acceptance of the conditions, a sixty day time period will go into effect in which Atlas must respond to the aforementioned seven items. Upon completion of the Division's review of Atlas' response, the Division will issue final approval to Atlas Minerals for the twenty-one mines currently on file.

As always, if you have any questions please do not hesitate to contact me or Tom Tetting of my staff.

Sincerely,

JAMES W. SMITH, JR.
COORDINATOR
MINED LAND DEVELOPMENT

JWS/TNT:lm

cc: Tom Tetting, DOGM
Pam Grubaugh-Littig, DOGM
James Holtcamp, Van Cott, Bagley, Cornwall & McCarthy