0035

File
Act/007/006 #4

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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September 9, 1987

Mr. John J. Spiecha
Vice President & General Manager
Plateau Mining Company
P. O. Drawer PMC
Price, Utah 84501

Dear Mr. Spiecha:

Re: Corrected Attachment "A", Five-Year Permit Renewal, Plateau Mining Company, Star Point Mines, ACT/007/006, Folder #4, Carbon County, Utah

Attached is a corrected "Attachment A" for the Star Point Mines Five-Year Permit issued August 7, 1987. Due to an oversight on my part, Stipulation UMC 817.101-(1)-(PGL) was not included in the original attachment.

This stipulation was identified early on in the five-year renewal review (see Division letter of February 2, 1987), and is contained in the Technical Analysis. Plateau has already responded to the stipulation on July 30, 1987, although some problems need to be cleared up before the response can be deemed adequate.

Please accept my apology for this oversight.

Sincerely,

John J. Whitehead

John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

JJW/djh
Attachment
cc:P. Rutledge
R. Hagen
J. Whitehead
P. Grubaugh-Littig
0800R/56

ATTACHMENT "A"

STIPULATIONS

Plateau Mining Company
Star Point Mine
ACT/007/006, Carbon County, Utah

August 5, 1987

Stipulation UMC 771.19-(2)-(JW)

1. Underground coal mining activities shall not commence within any federally leased coal contained in the New Lands parcels until the Mining Plan Modification is approved by the U.S. Department of Interior. The Division reserves the right to amend this permit (ACT/007/006) to incorporate any changes or requirements set out in the approved Mining Plan Modification.

2. Plateau Mining Company shall complete further testing of site 42Em2118 as described in the Abajo Archeaology report of July 1987 in order to determine eligibility for the National Register of Historic Places. The testing shall be done in accord with standards prescribed by the Utah Division of State History. Results from the testing will be forwarded to the Division of Oil Gas and Mining by October 31, 1987. If site 42Em2118 is determined to be eligible for listing, then PMC shall avoid any further disturbance of the site until appropriate mitigation measures are approved by the Utah Division of State History and the measures are fully implemented

Stipulation UMC 782.15-1-(JW)

Plateau Mining Company shall amend the Permit Application Package (PAP) by October 31, 1987 to commit that prior to initiating additional surface disturbance within the permit area on lands administed by the Bureau of Land Management, the required rights-of-way and/or permit will be obtained from the BLM.

Attachment A (Cont'd)
ACT/007/006
August, 1987

Stipulation 817.11-(1)-(PGL)

The Plateau Mining Company shall submit by October 31, 1987 for inclusion in the PAP, all details about signs and markers as required by this regulation.

Stipulation 817.24-(1)-(DD)

Plateau Mining Company must submit by October 31, 1987, for insertion into the PAP, a mass balance of all areas to be retopsoiled. This will include acreage figures of all locations to be retopsoiled, depth of topsoil to be redistributed, and amount and location of material presently stockpiled. The applicant must also commit to sample soils before reclamation on areas of the Lion Deck Portal that will be used for reclamation.

Stipulation 817.43-(1)-(TM)

Plateau Mining Company shall submit by October 31, 1987, for inclusion in the PAP, flow, velocity, and sizing calculations, location maps, and inlet and outlet protection measures for all culverts in the disturbed area.

Stipulation 817.44-(1)-(TM)

Plateau Mining Company shall submit by October 31, 1987 for inclusion in the PAP, complete and adequate design, calculations, profiles, cross sections, and drawings to detail final reclamation and channel restoration measures which will be employed. This will include post mining drainage patterns, and water monitoring locations.

Stipulation 817.45-.47-(3)-(TM)

1. Plateau Mining Company shall submit by October 31, 1987, for inclusion in the PAP, detailed calculations, maps and drawings showing the nature and location of pond outlet and inlet protection measures presently installed with supporting calculations which demonstrate the adequacy of these measures.

Stipulation 817.45-.47-(3)-(TM) (Cont'd.)

2. Plateau Mining Company will include on their quarterly sediment pond inspection forms, the cleanout volume (Ac.Ft.) for each facility and an updated sediment volume (Ac.Ft.) based on a current survey of each pond and treatment facility.

3. Plateau Mining Company shall submit by October 31, 1987, detailed silt fence design drawings showing design height, materials used, and general field construction details. Moreover, PMC shall submit by October 31, 1987, detailed sediment trap design drawings showing size, depth and location, a 60 percent sediment cleanout elevation for these structures with a location map of a scale greater than map 43 sufficient to determine drainage area, ditch location, and ditch length contributing to these structures.

Stipulation 817.49-(1)-(PGL)

Prior to final reclamation, Plateau Mining Company must submit definite plans for the disposition of all of the impoundments. If the applicant retains any of the impoundments permanently, all of the criteria for permanent impoundments must be met according to UMC 817.49.

Stipulation 817.52-(4)-(TM)

1. Plateau Mining Company (PMC) shall upon permit approval, utilize the monitoring stations proposed in PMC's April 30, 1987 letter to the Division. Moreover, PMC shall monitor springs S11-1, 238, and 494 at least one time in 1987 during low flow conditions in accord with the approved monitoring plan.

2. By October 31, 1987, Plateau Mining Company shall update the PAP water monitoring plan including text and tables, to:

   a. reflect the revised monitoring stations proposed in PMC's April 30, 1987 letter to the Division as well as to add springs 238 and 494 to the monitoring program.

Stipulation 817.45-.47-(3)-(TM) (Cont'd.)

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   a. reflect the revised monitoring stations proposed in PMC's April 30, 1987 letter to the Division as well as to add springs 238 and 494 to the monitoring program.

Stipulation 817.52-(4)-(TM) (Cont'd.)

b. reflect that all new source and existing baseline monitoring points for surface and groundwater monitoring shall be monitored in accord with the Division's baseline parameter list for a two year period.

3. Plateau Mining Company will by August 31, 1987, install a continuous monitoring station at Station M-8 as shown on Map 29. PMC will begin to monitor stream flow continuously and water quality monthly from August 31 1987 until October 31, 1987 weather permitting. Monitoring will be undertaken from June until October per the baseline water quality parameter list through 1988 and 1989.

4. Plateau Mining Company will amend the current PAP by August 31, 1987 to commit to carry out stream surveys equivalent to the one carried out in the NFRF Miller Creek on July 2, 1986, in July and September of every year mining occurs, including 1987, within Section 18 of the New Lands Permit Area, and until subsidence impacts have been stabilized. PMC will flag and determine the exact location of each monitoring station for the survey so the survey can be carried out at the same stations using the same monitoring methods, on a yearly basis.

Stipulation UMC 817.57-(2)-(TM)

1. Plateau Mining Company will amend the PAP by October 31, 1987 to commit to notify the Division immediately upon discovery of a crack or subsidence related impact to the NFRF Miller Creek. PMC will undertake the most appropriate approved mitigation plan to restore the integrity and flow of the NFRF Miller Creek channel and have this measure in place within seven (7) days of discovery of a crack or subsidence related impact.

2. Plateau Mining Company shall provide by October 31, 1987, for insertion into the PAP, design detail for the cutoff walls to be used in the event of a temporary diversion of North Fork of the Right Fork of Miller Creek.

Attachment A (Cont'd)
ACT/007/006
August, 1987

Stipulation 817.71-.74-(1)-(PGL/DD/RVS)

The Plateau Mining Company shall submit by October 31, 1987, for inclusion in the PAP, an operational plan for collection and analyses of each stratum of overburden to be removed, including the stratum immediately above and below each coal seam to be mined, graben crossing waste rock, and materials presently in the refuse pile, to identify potential acid or toxic-forming, or alkalinity producing materials. The plan shall include a discussion of the potential for, and mitigation of, water quality impacts and/or revegetation problems attendant to the refuse pile. Moreover, the operator shall submit the calculated volume of waste rock to be generated during the permit term.

Stipulation 817.101-(1)-(PGL)

Plateau Mining Company shall submit by September 1, 1987, for inclusion in the PAP, cross sections, calculations, and plans to demonstrate that backfilled areas will meet the minimum static safety factor of 1.3. This shall include justification for retention of highwalls, and 4 more cross sections of the final configuration proposed for the coal refuse pile.

Stipulation UMC 817.121-(1)-(RVS)

1. Plateau Mining Company will provide, by August 31, 1987, a subsidence plan for monitoring vertical and horizontal movement along NFRF Miller Creek.

Stipulation UMC 817.124-(1)-(KMM)

1. Plateau Mining Company will, by October 31, 1987, commit to providing in the Annual Subsidence Report:

   (A) an assessment of the impacts of cliff failure and resulting talus slope formation on vegetation and wildlife resources.

   (B) An acceptable vegetation/mitigation plan to be implemented in the first normal season after significant subsidence and cliff failure ceases.

Stipulation UMC 817.126-(2)-(RVS)

1. Plateau Mining Company will, by October 31, 1987, commit to restricting longwall mining in panel three (Section 18) of the Wattis seam to areas of 500 or more feet of overburden. Moreover, in areas of 400 to 500 feet of overburden in Panel three (Section 18), the applicant will commit to mining by the room and pillar method with retention of pillars that are properly sized to maintain the integrity of NFRF Miller Creek.

2. Longwall mining and development in Panels 7 and 8 (Section 18, third seam), may not proceed until:

   (A) PMC has identified, to the Division's satisfaction, subsidence-induced material damage associated with Wattis seam mining, and

   (B) the Division has evaluated potential environmental degradation.

Stipulation 817.150-.176-(1)-(PGL)

Plateau Mining Company shall submit by October 31, 1987, for inclusion into the PAP, detailed descriptions and specifications for each road within the permit area to include: maintenance and reclamation details, maps showing location, and cross sections of each road in the permit area.