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John White heal
Mine file
ACT/007/006

# PLATEAU MINING COMPANY

A Subsidiary of Cyprus Coal Company
P.O. Drawer PMC Price, Utah 84501
Telephone (801) 637-2875

May 2, 1986

RECEIVED
MAY 06 1986
DIVISION OF
OIL, GAS & MINING

FILE COPY

Mr. Lowell Braxton
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Waste Water Disposal System

Dear Mr. Braxton:

In confirmation of our phone conversation of yesterday, I am forwarding to you a copy of the pertinent correspondence regarding the waste water disposal field (absorption field).

As I indicated by phone, the absorption field has plugged up and we are in an emergency sitution. We are taking steps to allow continued operation of the mine, but the situation is critical. Waste water is being contained until the absorption field is reconstructed.

The plan enclosed was submitted to terminate NOV 81-2-3-3. Construction of new piping will follow the original plan as outlined with one exception; as shown on the enclosed map, the 4" sewer line feeding the absorption field must also be reconstructed for approximately 240 feet. This pipe is also plugged and is impossible to clean out.

Sediment control will consist of drainage ditches around the perimeter of the absorption field running to a temporary sediment basin at the lower end to collect any topsoil lost during construction and stabilization.

When construction is completed, topsoil will be redistributed and the area will be reseeded and mulched with a tackifier to help prevent soil loss from erosion and wind.

We appreciate your understanding of the situation, and your verbal approval to proceed with construction. I assure you we will do everything we can to minimize disturbance and control topsoil loss.

If you need further information, let me know.

Respectfully,

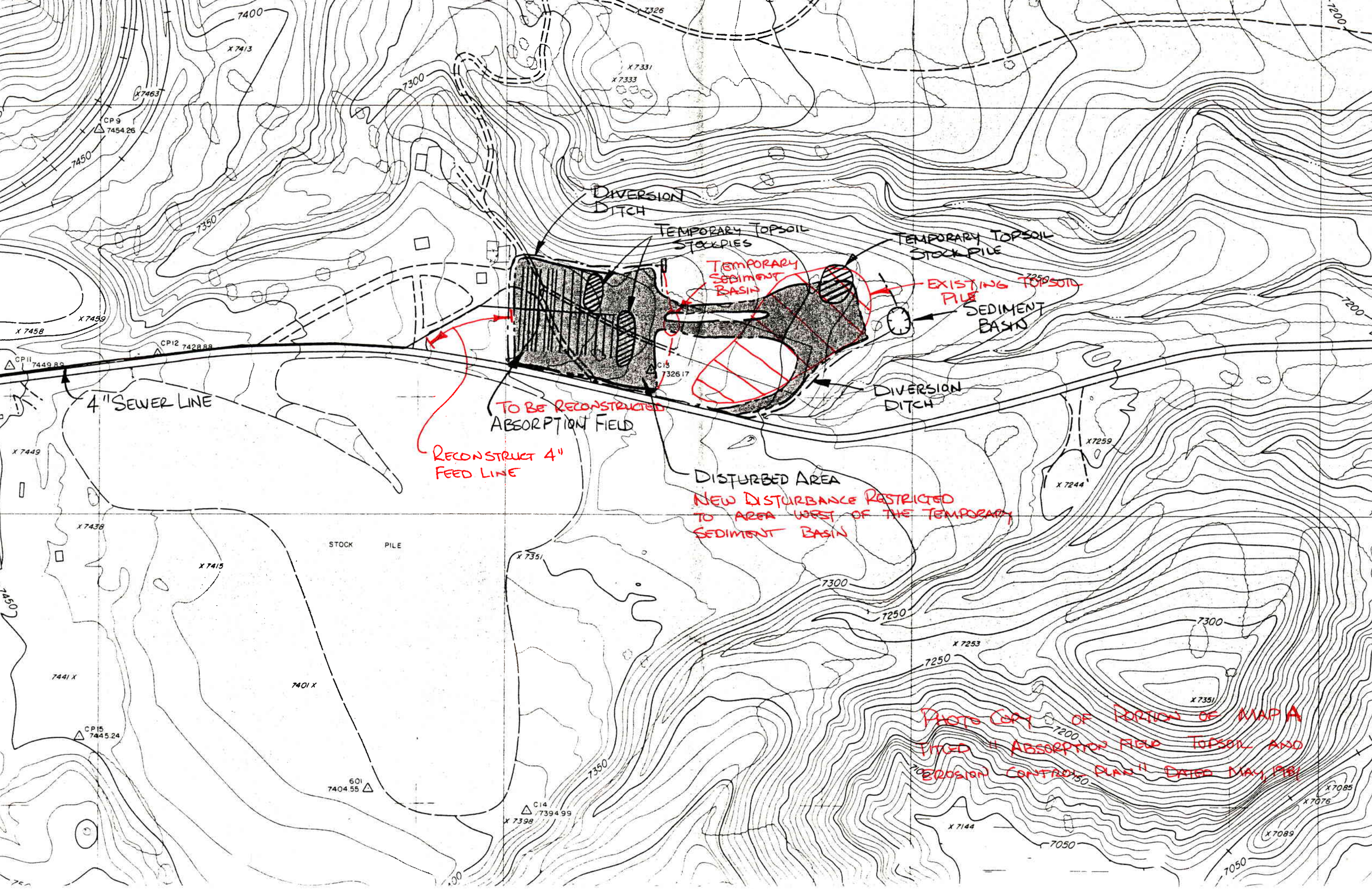
Ben Grimes
Environmental Coordinator

John W!
Please bring the mine inspector up to speed on this
LPB 5-8

BG:sd

Enclosures

cc: Bob Lauman, w/o enclosures
Bill Snyder, w/o enclosures
Menco Copinga, w/o enclosures



DIVERSION DITCH
TEMPORARY TOPSOIL STOCKPIES
TEMPORARY TOPSOIL STOCKPILE
TEMPORARY SEDIMENT BASIN
EXISTING TOPSOIL PILE
SEDIMENT BASIN
DIVERSION DITCH
4" SEWER LINE
TO BE RECONSTRUCTED ABSORPTION FIELD
RECONSTRUCT 4" FEED LINE
DISTURBED AREA
NEW DISTURBANCE RESTRICTED TO AREA WEST OF THE TEMPORARY SEDIMENT BASIN
STOCK PILE
PHOTO COPY OF PORTION OF MAP A TITLED "ABSORPTION FIELD TOPSOIL AND EROSION CONTROL PLAN" DATED MAY, 1981

**PLATEAU MINING COMPANY**
A Subsidiary of Getty Mineral Resources Company
P. O. Drawer PMC Price, Utah 84501
Telephone (801) 637-2875

May 21, 1981

Ms. Sandy Pruitt
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, UTAH 84116

RE: NOV #81-2-3-3

Dear Ms. Pruitt:

In response to your phone call on May 19th, the following information is submitted for addition to the Absorption Field Plan.

Plateau Mining Company does not intend to remove the pipe comprising the Absorption Field for the following reasons:

1. Removing the pipe would create more environmental damage. By the time the field is abandoned, in 20 years, vegetation will undoubtedly be well established and removing this vegetation is not sound reasoning.

2. No parts of the Absorption Field will be visible to distract from the environment. All parts of the system are at least 30 inches below the ground surface. The pipe is between 5 and 6 feet deep.

Since the Absorption Field system will not be removed, no bonding is required.

If you have any questions, call me.

Sincerely,

PLATEAU MINING COMPANY

Ben Grimes
Engineering & Reclamation Specialist

BG/jhs

cc: Floyd Tucker - PMC
Steve Rigby - PMC
Joe Ronan - Getty
Dr. Alden Pierce - Getty

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
*Executive Director,*
*NATURAL RESOURCES*

CLEON B. FEIGHT
*Director*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

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May 19, 1981

PLATEAU MINING CO.
Engineering Dept.
MAY 21 1981
RECEIVED

Mr. Ben Grimes
Plateau Mining Company
P.O. Drawer PMC
Price, Utah 84501

Re: Waste Water Disposal System
ACT/007/006
Carbon County, Utah

Dear Mr. Grimes:

The Division has received Plateau Mining Company's plans for the waste water disposal system. The design plans are adequate but final reclamation plans for the system must be submitted to the Division before the plans for the disposal system can be approved. If the Division determines that the leach field system and effluent line should be removed upon final reclamation, evidence that the reclamation bond includes this area should also be submitted.

Sincerely,

JAMES W. SMITH, JR.
COORDINATOR OF MINED
LAND DEVELOPMENT

JWS/bb

**PLATEAU MINING COMPANY**
A Subsidiary of Getty Mineral Resources Company
P. O. Drawer PMC Price, Utah 84501
Telephone (801) 637-2875

May 12, 1981

Ms. Sandy Pruitt
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, UTAH 84116

CERTIFIED LETTER - 204760

RE: NOV 81-2-3-3 1 of 3

Dear Ms. Pruitt:

Enclosed find a copy of the Construction Permit for the Absorption Field [Leach Field].

Also find enclosed plans for construction detailing topsoil handling and protection procedures as called for in NOV #1 Remedial Action Required.

If you have any questions please call me.

Sincerely,

PLATEAU MINING COMPANY

Ben Grimes
Engineering & Reclamation Specialist

BG/jhs

Enclosures

cc: S. Rigby - PMC - wo/maps
F. Tucker - PMC - wo/maps
J. Ronan - Getty - w/maps
Dr. A. Pierce - Getty - w/maps

# WASTE WATER DISPOSAL SYSTEM

May 12, 1981

Plateau Mining Company
P.O. Drawer PMC
Price, UTAH 84501

## ABSORPTION FIELD:

**Construction Details:** The Absorption Field consists of a series of perforated pipe lines laid parallel to each other in individual trenches in a bed of washed gravel. The perforated pipe will be connected to two septic tanks which will serve the entire operation of PMC. The line connecting the septic tanks and the Absorption Field consists of 4" PVC sewer line.

**Topsoil:**

**1-Removal:** Topsoil from the Absorption Field area was removed and segregated into the two westernmost piles as shown on Map A.

Topsoil from the materials storage area was removed and segregated into the easternmost pile as shown on Map A.

**2-Protection:** The topsoil was protected from erosion by constructing a ditch completely around the piles. These ditches would catch any topsoil that was washed from the piles during a precipitation event. The soil excavated from the ditches was placed on the outside edge of the ditch thus preventing runoff water from eroding the toes of the piles.

**3-Redistribution:** Upon completion of the Absorption Field and material storage area the topsoil will be redistributed to approximately the same contour as the original ground surface.

**4-Reseeding:** The disturbed areas will be reseeded immediately upon completion of the topsoil redistribution.

**5-Protection After Redistribution and Seeding:** The drainage ditches shown on Map A will be constructed after the topsoil is redistributed. The ditch on the west end will prevent runoff from running onto the topsoil. The ditch on the south will catch any topsoil that is washed off and transport it to the Sediment Basin on the east end of the disturbed area. The ditch on the north has straw bales placed in it at the east end to trap any topsoil that may be washed off of the area. The east end of the area drains into the Sediment Basin or into a small area directly north of the basin which has a berm to stop any topsoil loss.

Distrubed Area During Construction: The Sediment Basin mentioned previously serves as protection during construction of the Absorption Field. The ditch on the south side of the area protects the south side. A ditch on the north side was constructed to serve as protection of the canyon to the north. This ditch has straw bales placed in it at its east end. The east end of the disturbance drains into the Sediment Basin and bermed area mentioned previously.

SEWER EFFLUENT LINE:

Construction Details: The Effluent Line will consist of 4" PVC sewer pipe laid in a trench approximately 4 to 5 feet deep and will run from the Lion Portal Pad to the Absorption Field approximately 9000 feet in length. The route of the Line will be down a vertical shaft to a tunnel and then out the tunnel to the surface where the Overland Conveyor starts. From there the pipeline will be buried and will run parallel with the Overland Conveyor Eastward to the existing paved road. From there it will run on the north side of the paved road to the Absorption Field.

Topsoil: The entire route has previously been disturbed and no topsoil is present.

Reclamation: Any areas that have vegetation capabilities will be reseeded upon completion of the Line.

SEPTIC TANK:

Construction Details: The Septic Tank will consist of a concrete tank 10'x29'x8' constructed at the southeast corner of the New Bathhouse at the Lion Portal Pad.

Topsoil: The location of the Tank has previously been disturbed and will result in no new disturbance to topsoil.

Reclamation: Reclamation of the Tank area will be done upon completion of operations of the mine as outlined in our Mining and Reclamation Plan.