

0032



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

OUTGOING
C0410002

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DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: Oct 27, 2003
FAX #: 539-4200
ATTN: Stan Perks
COMPANY: BLM
DEPARTMENT: _____
NUMBER OF PAGES: (INCLUDING THIS ONE) 8
FROM: Daron Haddock

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MESSAGE: This is the PMLU from
the MRP

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4.1.2 Reclamation Plan

4.1.2.1 Postmining Land Use Plan

All uses of the land immediately prior to mining and the capability of the land to support prior alternate uses will remain equally available throughout the life of the mine without impact from underground mining except on insignificant levels. The infinitesimal effect of underground mining on surface use is accounted for as follows:

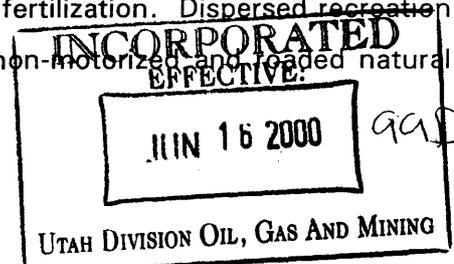
1. Isolated facilities in use for duration of the mine, including portal and associated buildings, comprise only 46.233 of the 24,632.95 acres under consideration, which is too small to adversely affect general land use.
2. Gradual and even subsidence over most of the permit area is too imperceptible to affect general land use. The ultimate subsidence affect over the lease will be "uniform." As a qualification, there probably will be an uneven arching effect on the surface over the full-extraction mining areas during actual mining operations which will stabilize in uniform subsidence once the entire area has been mined. The total subsidence effect should be minor so as to not affect general land use.

The Applicant intends that the postmining land uses will be consistent with the land use plans prepared by the Forest Service. Final reclamation activities such as grading and seeding as detailed within this M&RP will be completed in a manner to provide uses of the lands consistent with those uses required by the U.S. Forest Service land use plans. Retention of pre-SMCRA highwalls is discussed in Section 5.5.3.6.

The SUFCO Mine lease areas are predominantly U.S. Forest Service land managed under the multiple use and sustained yield concepts. Present management emphasizes livestock grazing, wildlife, timber and watershed development.

The land use plans for the lease areas developed by the U.S. Forest Service includes eight different management prescriptions (U.S. Forest Service 1986):

- a. Management prescription MMA. Emphasis is on leasable minerals development. Land surface is to be made available for existing and potential major mineral developments. In units where mineral development is pending, renewable resource activities strive to be compatible with the management goals of adjacent management units. Long-term investments, such as timber planting, generally are not made. However, short-term investments, such as range and wildlife revegetation projects, may be made on these units. As the developments are removed and restoration is completed, these areas may be changed to other appropriate management units.
- b. Management prescription TBR. Emphasis is on wood-fiber production and harvest. The harvest methods by Forest cover type are single tree and group selection and shelterwood in Englemann spruce-subalpine fir, Douglas-fir, ponderosa pine, mixed conifers, and clear cutting in aspen. Wildlife habitat diversity may be enhanced by vegetative manipulation. Livestock grazing may be permitted. Water yield could be altered through vegetation management, as well as decrease evapotranspiration and maximize snow retention in small openings on low energy slopes. Dispersed recreation opportunities vary between semiprimitive non-motorized and roaded natural appearing.
- c. Management prescription RNG. Emphasis is on production of forage and cover for domestic livestock and wildlife. Intensive grazing management systems are generally favored. Nonstructural restoration practices include a full spectrum of treatments such as plowing, seeding, cutting, chaining, burning, spraying with herbicides, crushing, pitting, furrowing, and fertilization. Dispersed recreation opportunities vary between semiprimitive non-motorized and roaded natural appearing.

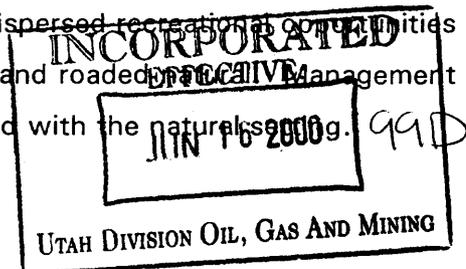


appearing. Management activities are evident, but harmonize with the natural setting.

- d. Management prescription GWR. Management emphasis is on providing general big-game winter range. These are areas wildlife traditionally use. Treatments of various types are applied to increase forage production and plant species composition. This may include chaining, cutting, prescribed burning, seeding, spraying, planting, and other treatments. Selected browse species are regenerated to maintain a variety of age classes. Permanent roads and special uses may be permitted. Short-term or temporary roads are obliterated and rehabilitated within one year after intended use. Motorized use is managed as appropriate to prevent unacceptable stress on big-game animals during the primary use season.

- e. Management prescription 4B. Management emphasis is on habitat for management indicator species. The goal is to optimize habitat capability, and thus numbers of the species. Investments in other compatible resource uses may occur but will be secondary to habitat requirements. Recreation and other human activities are regulated to favor the needs of the designated species. Roaded-natural recreation opportunities are provided along forest arterial and collector roads. Local roads and trails are either open or closed to public motorized travel. Management activities may dominate in foreground and middleground , but harmonize and blend with the natural setting.

- f. Management prescription 6B. Management emphasis is on livestock grazing intensive range resource management is applied. Condition is improved through use of vegetation and soil restoration practices, improved livestock management, and regulation of other resource activities. Dispersed recreation opportunities vary between semi-primitive non-motorized and roaded-primitive Management activities are evident but harmonize and blend with the natural setting.



- g. Management prescription 9F. Management emphasis is on improving watershed condition. This will be achieved by protection, seeding, cultural treatment or any combination of other methods that will accomplish the objectives. Management activities in the foreground, middleground, and background may dominate, but should be designed to harmonize and blend with the natural setting to the extent possible. Motorized travel is prohibited except for over-snow machines and for designated routes.

- h. Management prescription KWR. Management emphasis is on providing key big-game winter range. These areas are essential to wildlife. Motorized use is managed as appropriate to prevent unacceptable stress on big-game animals during the primary use season.

4.1.2.2 Land Owner or Surface Manager Comments

Surface owner approval of the Applicant's proposed postmining land use will be confirmed by the approval of this Mining and Reclamation Plan by the respective Forest Service units for those federal lands that they administer. The private landowner comments concerning the postmining land use are contained in the UNELCO letter in Appendix 1-1.

4.1.2.3 Suitability and Capability

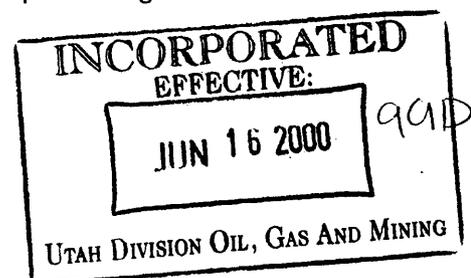
Final fills will not contain excess spoils.

4.1.3 Performance Standards

The performance standards for the areas to be reclaimed for postmining land use are contained in this section.

4.1.3.1 Postmining Land Use

The proposed postmining land uses will be identical to the premining land uses and the land will be capable of supporting such land uses.



4.1.3.2 Determining Premining Uses of Land

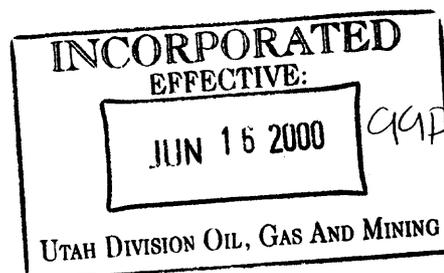
The Applicant plans for the same postmining land uses as existed before the operation began.

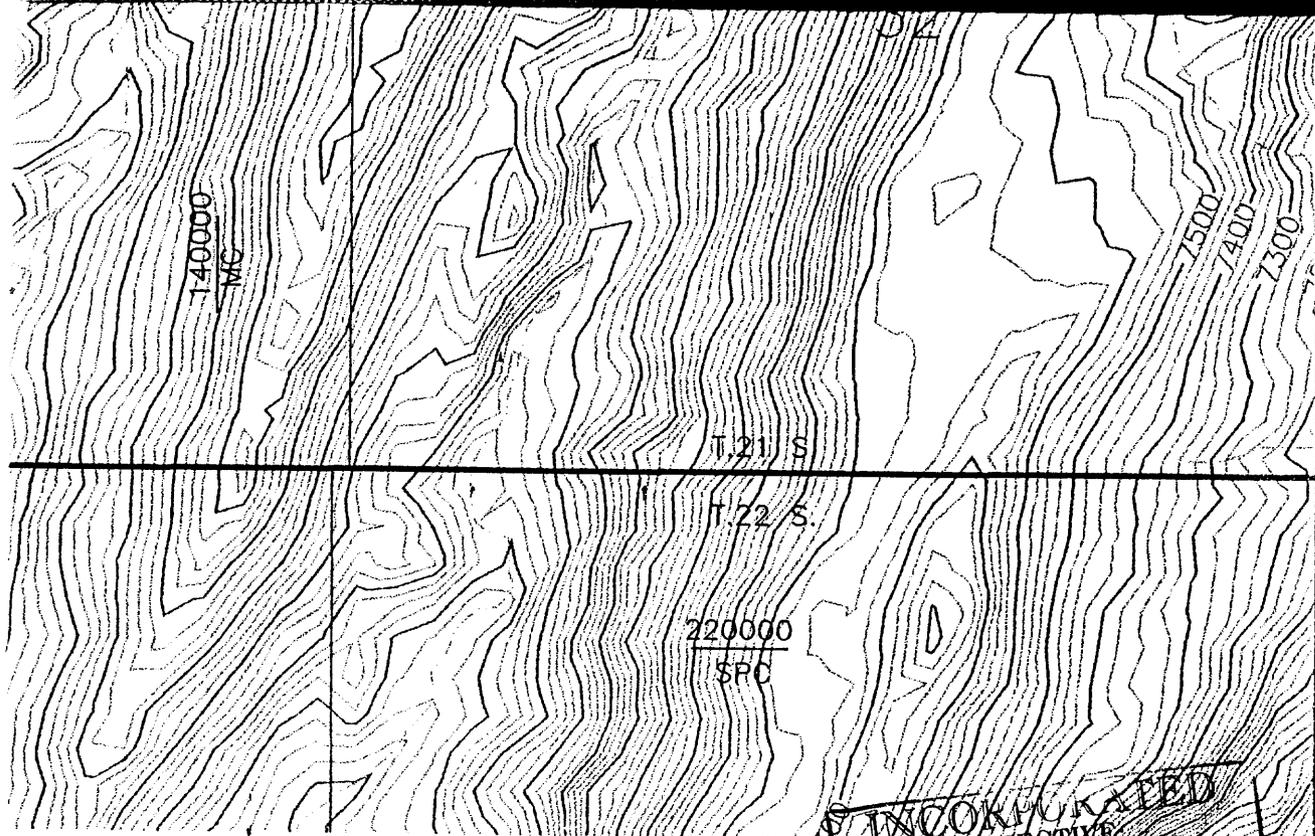
4.1.3.3 Criteria for Alternative Postmining Land Uses

No alternative postmining land uses have been planned.

4.1.4 Alternative Land Use

No alternative postmining land uses have been planned.





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JUN 16 2000
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DIVISION OF
OIL, GAS AND MINING

DEC. 02, 1998	
BY:	
BY:	ADD
BY:	WKS



Canyon Fuel Company, LLC
SUFCO Mine

LAND USES-PINES

1" = 1000'

397 SOUTH 800 WEST
SALINA, UTAH 84654

DRAWING OR
MAP NUMBER
PLATE 4--1B

150 ACRE LEASE
BOUNDARY REVISION

GWR

RNG

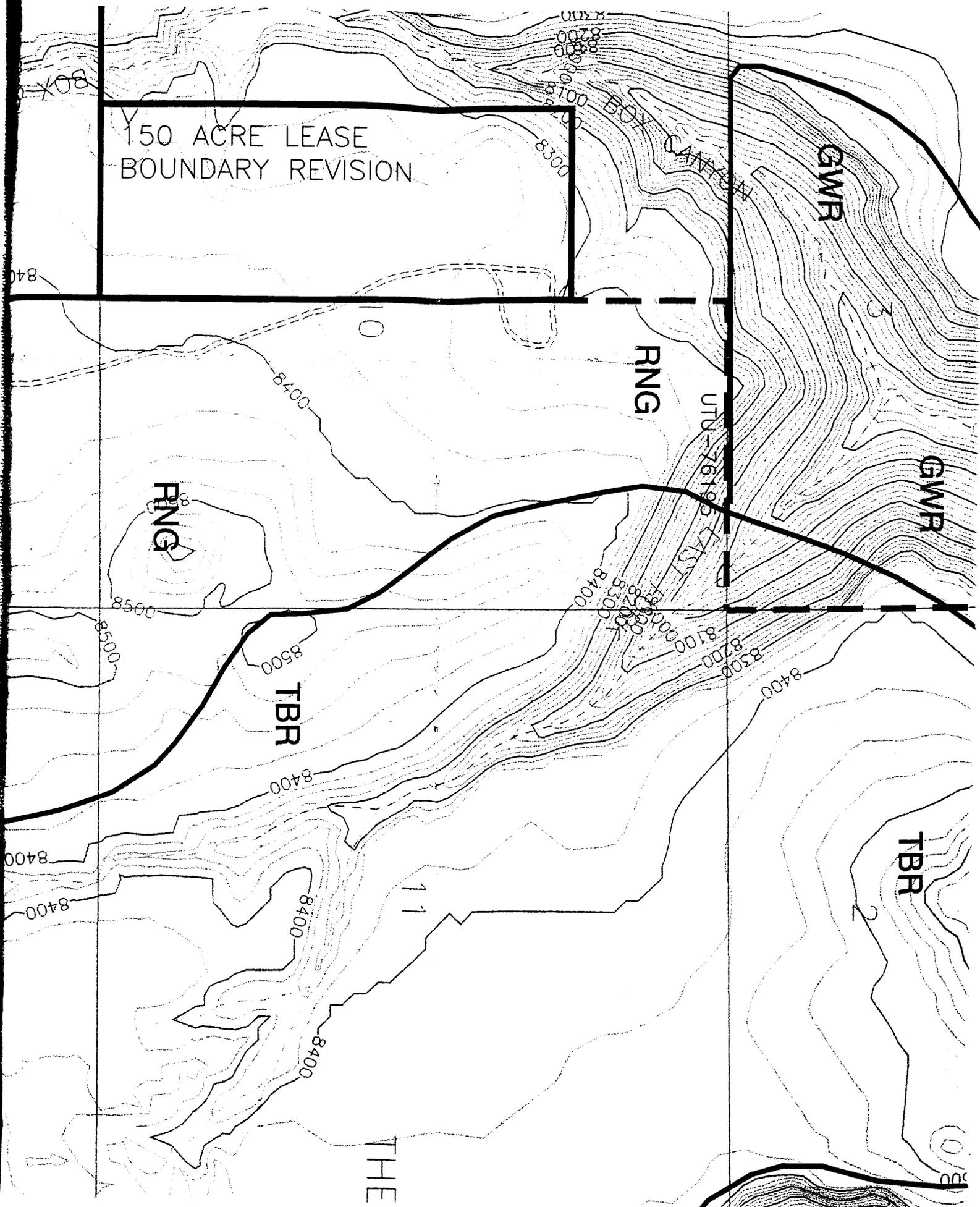
GWR

RNG

TBR

TBR

THE



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