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SUNEDCO COAL CO.

7401 W Mansfield Ave
Suite 418
Post Office Box 35B
Lakewood CO 80235
303 778 8665

NOTICE OF INTENT TO COLLECT

BULK COAL SAMPLES SAGE POINT/DUGOUT CANYON PROJECT

Sunoco Energy Development Co. (Sunedco) proposes to reopen two deactivated mine workings and an old bulk sampling area to remove less than 250 tons of coal for quality determinations. The old mines are located in the Book Cliffs near Wellington, Utah (Figure 1). The proposed work is in addition to the Sage Point/Dugout Canyon Project Mine and Reclamation Plan (ACT/007/009) that is on file with Utah Division of Oil, Gas and Mining (DOG M) and the U. S. Minerals Management Service (MMS).

Sunedco submits the following Notice of Intent to Explore as required by the U. S. Mine Safety and Health Administration (MSHA; 30 CFR 75.325) by MMS under 30 CFR 211.10 and by DOGM (UMC 776.11). Surface disturbance will not be substantial since existing roads will be used and old mine portals will be reopened.

The proposed work was permitted in 1979 by Eureka Energy Company of San Francisco, California (Eureka). Sunedco has subsequently purchased the property from Eureka. Therefore, Sunedco is submitting the following plan for your approval.

Applicant:

Mr. S. O. Ogden
Director and Vice President
Sunoco Energy Development Co.
Post Office Box 35-B
Lakewood, CO 80235
(303) 989-9280

Agent:

Mr. Robert Goudge
Sunedco Coal Co.
Post Office Box 1506
Price, UT 84501
(801) 637-6610

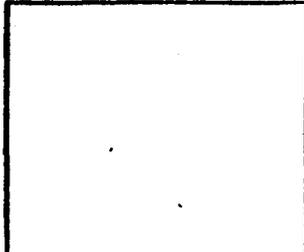
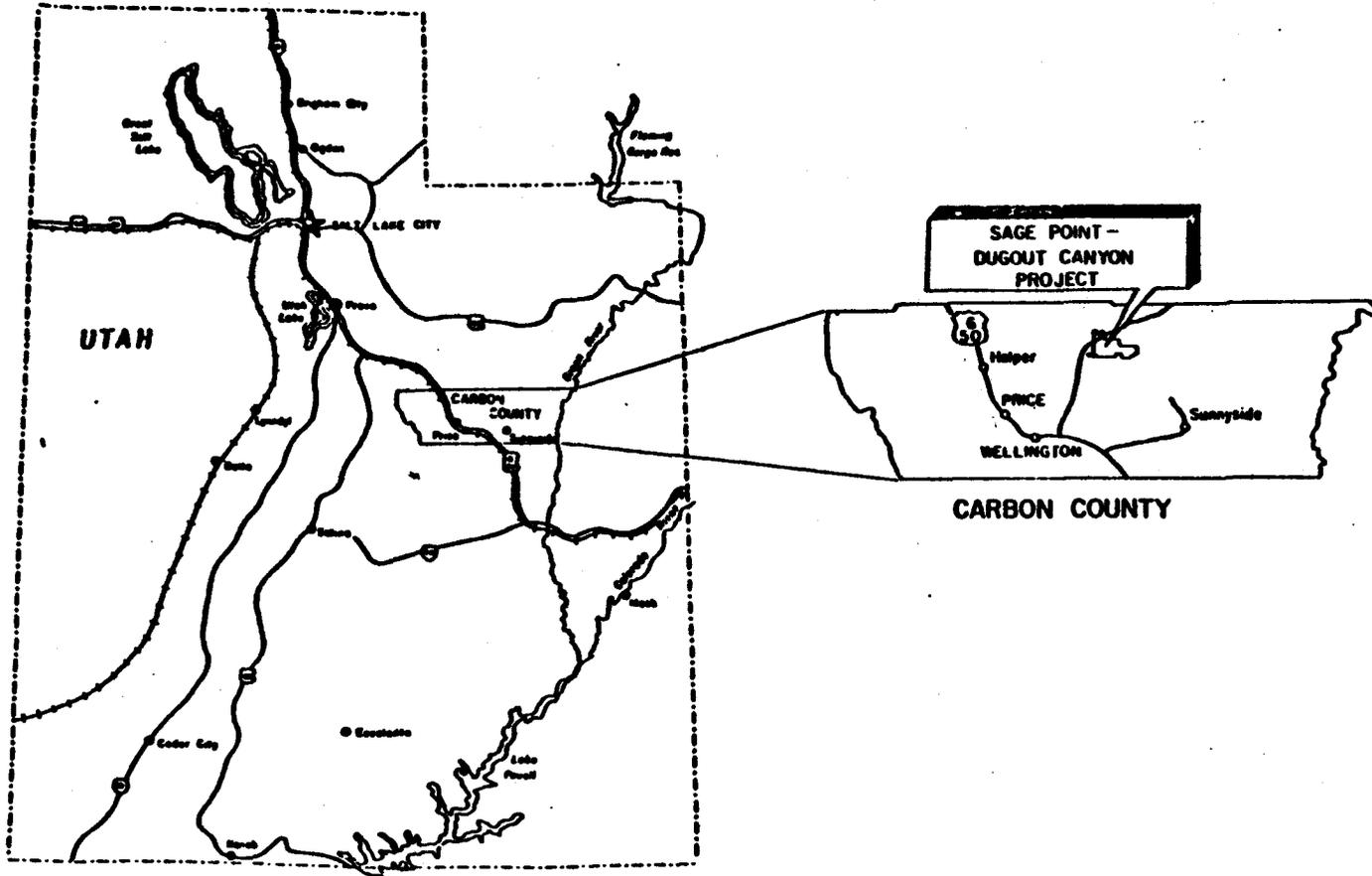
Location (Map. I):

Dugout Mine
MSHA I.D. No. 42-01590
SE $\frac{1}{4}$ NW $\frac{1}{4}$ and SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 23, T. 13S, R. 12E

Coal Creek Mine
MSHA I.D. No. 42-01589
NW $\frac{1}{4}$ of Section 10 T. 12S, R. 11E

Fish Creek
SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21 T. 13S, R. 12E

1 2 3 4 5 6 7 8 9 10



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REV.	

PROJECT LOCATION

Figure 1

SUNOCO ENERGY DEVELOPMENT CO.
Lakewood, Colorado

APPROVED BY	GM
	SUPV.
	DSGN.
	DWN. MDS
	CHKD. JEO
	O.K. JEB
DATE	7-22-80
SCALES	N/A

DATE	DESCRIPTION	GM	DWIL	CHKD.	SUPV.	APVD.
7-22-80						

REVISIONS

INCH

Right of Entry:

On May 12, 1982 the U. S. Department of Interior, Bureau of Land Management issued a Decision approving the assignment of all federal coal leases including a sublease of a federal coal lease, from Eureka to Sunedco. On May 13, 1982 all conditions of the Coal Property Sale and Purchase Agreement were satisfied and all property held by Eureka was transferred to Sunedco. The properties assigned or transferred are listed in Section II entitled Legal, Financial, Compliance of Mine in the above mentioned mine and reclamation plan (ACT/007/009) and below:

1. Assignment of Federal Coal Lease No. U-077046;
2. Assignment of Sublease of Federal Coal Lease No. U-07746;
3. Assignment of Federal Coal Lease No. U-089096;
4. Assignment of Federal Coal Lease No. U-092147;
5. Assignment of Federal Coal Lease No. U-0144820;
6. Assignment of Federal Coal Lease No. U-07064-027821;
7. Assignment of Federal Coal Lease No. U-05067-08916;
8. Assignment of State of Utah Coal Lease No. ML 22590;
9. Assignment of State of Utah Coal Lease No. ML 22675;
10. Assignment of State of Utah Coal Lease No. ML 21994;
11. Warranty Deed, Property A;
12. Warranty Deed, Property B;
13. Warranty Deed, Property C;
14. Warranty Deed, Property D;
15. Warranty Deed, Property E;
16. Assignment of Surface Consent Agreement (George M. Thayn);
17. Assignment of Surface Consent Agreement (F. T. And D. P. Shimmin);
18. Assignment of Surface Consent Agreement (S. Critchlow);
19. Assignment of Permits, Licenses and Applications and Rights-of-Way;
20. Sale and Assignment of 134 Shares of Capital Stock of Wellington Canal Company Stock;

21. Sale and Assignment of 131.56 Shares of Capital Stock of Price River Water Users Association Stock;
22. Title Insurance Policy Covering Surface Acreage;
23. Assignment and Acceptance of Assignment of Obligations and Liabilities Under Promissory Notes and Mortgage.

Summary of Local Environmental Conditions:

Geology. The exploration area is in the Book Cliffs of central Utah, which are part of the Mesaverde Group. The area straddles the boundary between the Book Cliffs - Roan Plateau at the high elevations and the Mancos Shale Lowland below. The coal beds in the area lie in the Blackhawk Formation at depths ranging from tens of feet at the outcrop to over 3000 feet north of the exploration area.

Hydrology. A number of ephemeral streams flow out of the Book Cliffs into the Price River drainage. Most of them flow only in response to storms or spring runoff. Fish Creek, Dugout Canyon, and Pace Creek, shown on the attached maps, are the primary streams in the area. Consolidated sediments of Cretaceous and Tertiary Age contain the most extensive groundwater aquifers in the exploration area. There are no wells in the area that serve as sources of water supply.

Vegetation. The two deactivated mines and the old bulk sampling area are located in streambank deciduous plant communities. No threatened or endangered plant species inhabit the area.

Fish and Wildlife. No fish have been observed in the local streams during water monitoring activities over the past six years. Numerous mammals make use of the habitats described above, including mule deer, elk, coyote, jackrabbits, and other rodents. A variety of raptors, including hawks and owls, are found in the area as well as passerine birds common to central Utah, such as the scrub jay, American robin, and sagethrasher. Raptors are the only protected species that makes use of wildlife habitats in the general area. Activities will commence after June 15 and therefore should not impact the nesting of these birds.

Land Use. The land surface presently serves as cattle range and wildlife habitat. Reopening the portals would cause only very localized disruptions in use by cattle and wildlife; these effects would be temporary.

Period of Exploration:

August 1 through September 15, 1982

Exploration Plan:

1. The areas proposed for reopening are Coal Creek, Fish Creek and Dugout Canyon. Coal Creek and Dugout Canyon mines were operated by the Knight Ideal Coal Company and were deactivated in 1958 and 1965, respectively.

Fish Creek is a small room approximately 200 square feet that was developed in the Gilson seam on the east side of Fish Creek Canyon. The time of construction for this coal exploration room is not known.

2. Material sealing the old mine portals at Coal Creek and Dugout Canyon will be properly disposed of according to existing guidelines.

Fish Creek exploration portal is open and no entry work will be required.

3. The Gilson seam of Coal Creek is approximately 11 feet thick including rock and bony bands. The two seams at Dugout Canyon are the Rock Canyon, approximately 8 feet thick including rock and bony bands, and the Gilson, approximately 8 feet thick. The Gilson seam at Fish Creek is approximately 7 feet in total thickness.
4. Underground exploration operations will be limited to mine ventilation, roof control, and hand and mechanical sampling of the coal seam at appropriate places. Mechanical equipment will include a 150 CFM compressor, located on the surface; approximately 300 feet of 1-2 inch diameter air line, from the compressor to sampling regions; and pneumatic spades that will be used in the sampling process.
5. Roof control will consist of sounding of the roof, scaling off loose coal or rock where necessary and hand placement of temporary roof supports where required for safety.
6. A proposed ventilation plan is shown in Figures 2, (Coal Creek Mine Area) and 3A, 3B and 3C (Dugout Canyon Mine area).

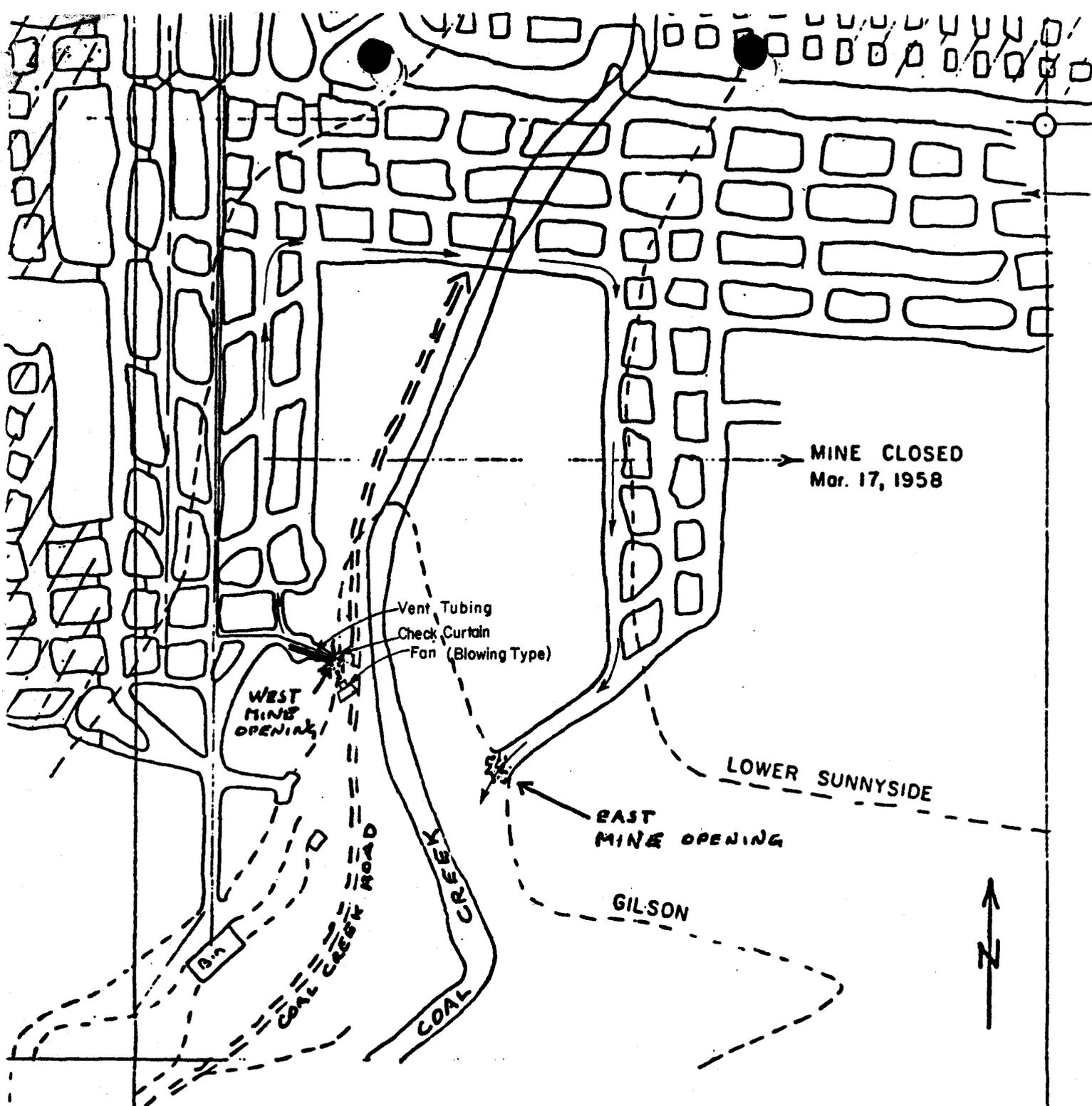
The room at Fish Creek Canyon is a shallow dugout area along the outcrop and will not require ventilation.

7. A 24 inch high pressure axial vane fan (blowing type) will be used to direct air to the coal sampling face. The fan will be located in the surface and approximately 200 feet of ventilation tubing 24 inches in diameter will be used to initiate air in the direction of sampling areas.
8. Coal removed from the sample areas will be stored in sealed 55 gallon drums. Approximately 150 to 200 tons of coal will be excavated.

Health and Safety:

All necessary precautions will be taken to prevent fires including having water resources nearby to extinguish fires. Persons entering the mine shall be searched for smoking materials at irregular intervals and without prior notice. Fire extinguishers will be in all vehicles on the sites along with first-aid kits. The wearing of hard hats and steel-toed boots on the sites is mandatory by all personnel and visitors to the locations.

It is anticipated that a plan for training and retraining would not be applicable to the proposed activity in view of the nature of the activity and the short period of time expected for completion.



KNIGHT IDEAL COAL CO.

MINE NO.1 (Coal Creek) WELLINGTON CO. UTAH

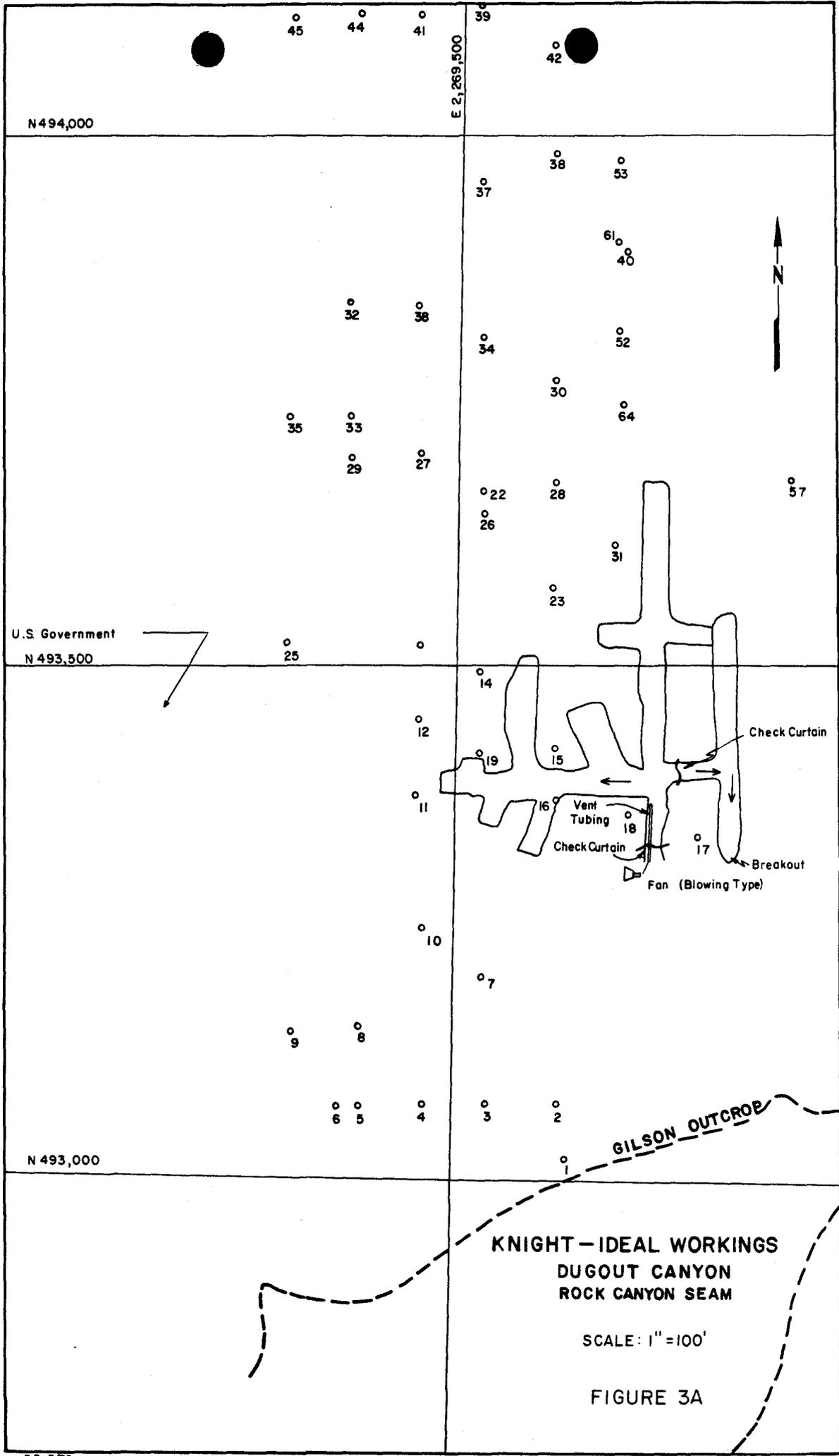
FIGURE 2

SCALE 1" = 200'

DRAWN BY: BLAINE P. CLYDE
 HAL M. CLYDE
 NORMAN D. CLYDE
 NORMAN D. CLYDE

DATE 1-12-56
 1-22-57
 1-27-58
 1-12-59

— Belt Line
 - - - 250 Volt DC



N 494,000

E 2,269,500

U.S. Government
N 493,500

N 493,000

**KNIGHT - IDEAL WORKINGS
DUGOUT CANYON
ROCK CANYON SEAM**

SCALE: 1" = 100'

FIGURE 3A

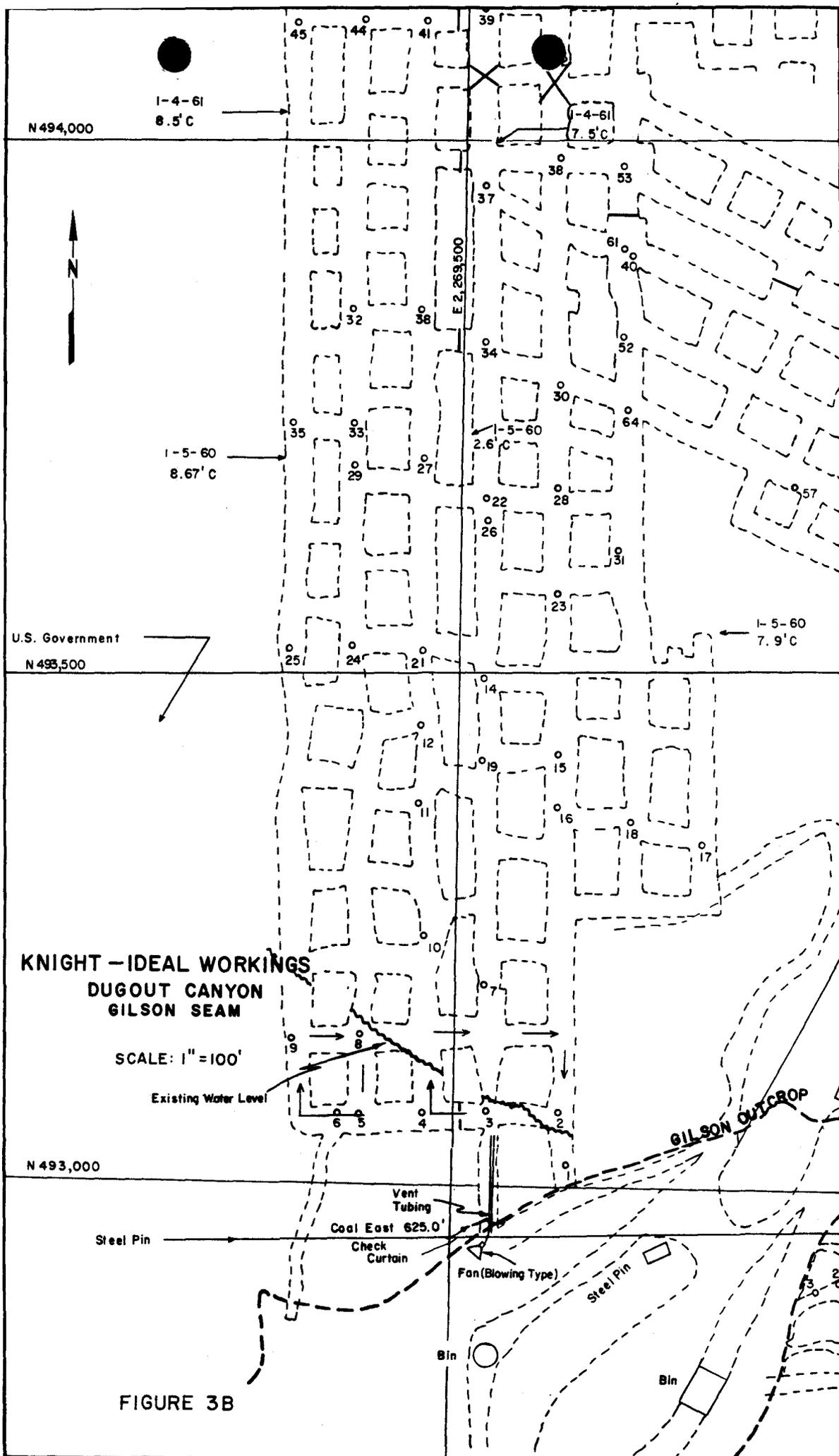
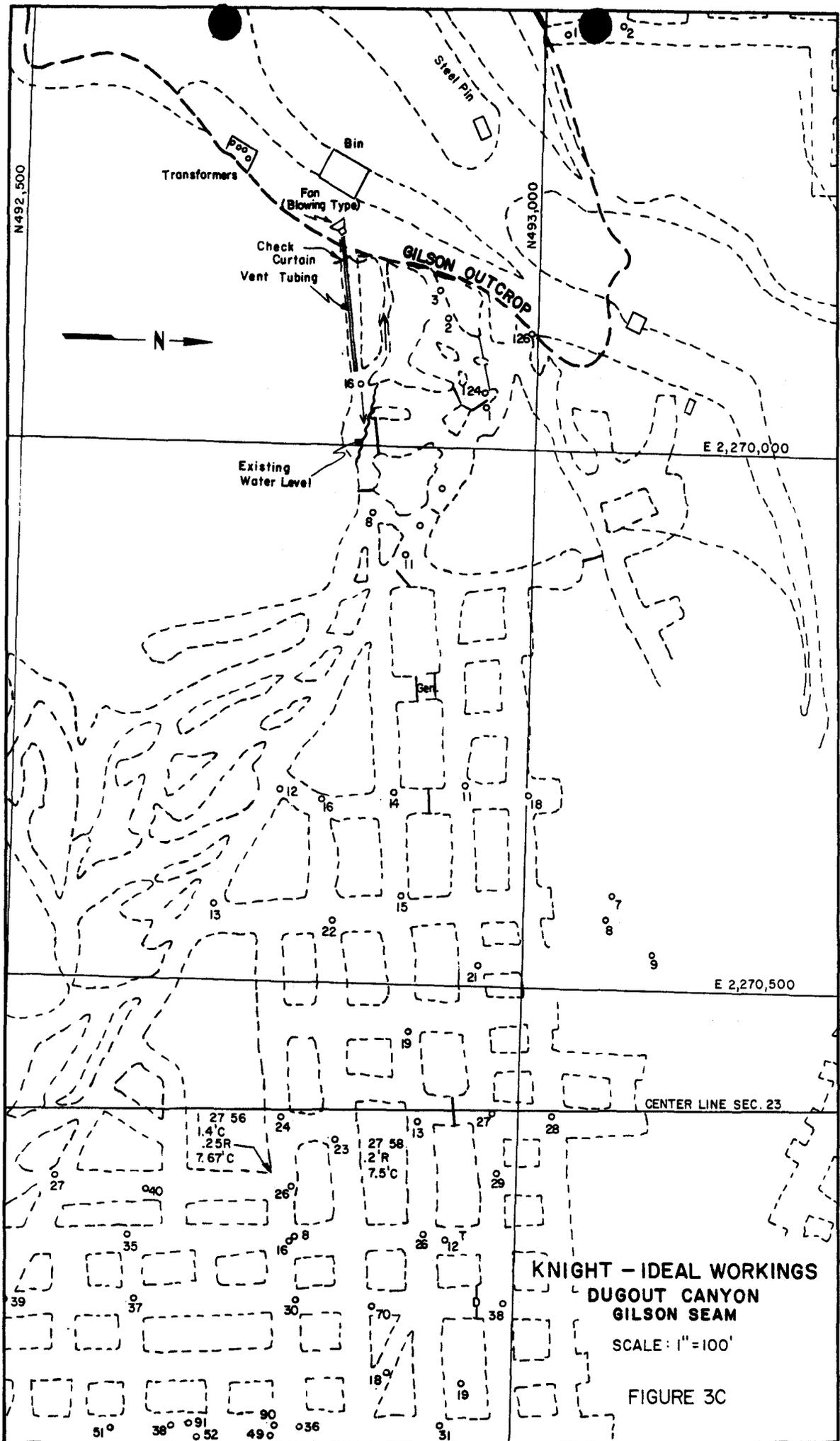


FIGURE 3B



The mine atmosphere will be tested for methane, CO, CO₂, and O₂ in the active areas and in the exhausting portals as the work is in progress. The nature of the work will be such that dust control measures will not be required.

Mobil radio (assigned frequency WQK 795) communication will be maintained through a base station as emergency communication with emergency medical service facilities. The proposed activity will be within the service area of the Carbon County public ambulance service. Emergency medical service can be obtained at the Emergency Room of the Carbon Hospital located at Price, Utah approximately twenty miles away. First aid material will be maintained at the job site.

Exploration activity at Coal Creek and Dugout Canyons takes place on private lands closed to the public so no hazards to public health and safety are expected. Fish Creek is located in remote federal property with limited access. Activity at the Fish Creek site will be of short duration (2 days) and access in the immediate vicinity of the exploration activity will be controlled using fencing; therefore, hazards to public health and safety will be slight. The operations will comply with all applicable laws and regulations.

Environmental Protection:

Soil erosion and pollution of any stream courses will be minimized by not discharging any water into the streams and by recontouring and revegetating the sites following portal closing. Impacts to vegetation and wildlife will be very limited. Vegetation removal will be confined to the portal entries. Animals will avoid the sites, and the disturbance will cover only small areas and will be of short duration. Following portal closures any displaced wildlife should quickly return to the sites as reclamation measures are implemented.

Reclamation:

Entries will be closed using locked chain link gates attached to cemented metal posts. Metal signs with the following information will be attached to each gate:

DANGER

NO TRESPASSING

Reclamation will occur after the portals are closed. Garbage and trash will be collected and removed. Soil will be graded and recontoured using a bulldozer; limited soil compaction for improved plant growth will result from operation of the bulldozer and other equipment. Because precipitation is plentiful at the sites, no other soil preparation is necessary for the rapid establishment of new vegetation. Disturbed areas will be broadcast seeded with an approved seed mix. Seed will be broadcast on the regraded sites in late September or early October in anticipation of winter precipitation.