



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

0009  
RE 4-28-87

File

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

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INSPECTION REPORT

INSPECTION DATE & TIME: 4/16/87  
11:30 am to 1:30 pm

Permittee and/or Operators Name: Summit Minerals, Inc.  
Business Address: 221 West 2100 South, Salt Lake City, Utah 84115  
Mine Name: Summit Minerals #1 Permit Number: INA/043/001  
Type of Mining Activity: Underground  Surface  Other   
County: Summit  
Company Official (s): Barbara Filas  
State Official(s): Randy Harden  
Partial:  Complete:  Date of Last Inspection: 2/24/87  
Weather Conditions: Clear and Warm 70 Degrees  
Acreage: Permitted 0 Disturbed 16 Regraded  Seeded  Bonded 16  
Enforcement Action: None.

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	( X )	( )	( )	( X )
2. SIGNS AND MARKERS	( X )	( )	( )	( X )
3. TOPSOIL	( )	( )	( X )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( )	( )	( X )	( )
b. DIVERSIONS	( X )	( )	( )	( X )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( X )	( )	( )	( X )
d. OTHER SEDIMENT CONTROL MEASURES	( X )	( )	( )	( X )
e. SURFACE AND GROUNDWATER MONITORING	( X )	( )	( )	( X )
f. EFFLUENT LIMITATIONS	( X )	( )	( )	( )
5. EXPLOSIVES	( )	( )	( X )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	( )	( )	( X )	( )
7. COAL PROCESSING WASTE	( )	( )	( X )	( )
8. NONCOAL WASTE	( X )	( )	( )	( )
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	( X )	( )	( )	( )
10. SLIDES AND OTHER DAMAGE	( )	( )	( X )	( )
11. CONTEMPORANEOUS RECLAMATION	( )	( )	( X )	( )
12. BACKFILLING AND GRADING	( )	( )	( X )	( )
13. REVEGETATION	( )	( )	( X )	( )
14. SUBSIDENCE CONTROL	( )	( )	( X )	( )
15. CESSATION OF OPERATIONS	( )	( )	( X )	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( X )	( )
b. DRAINAGE CONTROLS	( X )	( )	( )	( X )
c. SURFACING	( X )	( )	( )	( )
d. MAINTENANCE	( X )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( X )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( X )	( )	( )	( )

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS

The operator is in compliance with the Board of Oil, Gas and Mining, order dated December 1985 and is proceeding with permitting of the reclamation plan. The operator indicated that a response to remaining technical deficiencies within the plan is planned to be delivered to the Division this week.

2. SIGNS AND MARKERS

Signs and perimeter markers were checked and found to be in compliance. Perimeter markers on the site consist of rebar or pipes which are flagged for visibility.

4. HYDROLOGIC BALANCE:

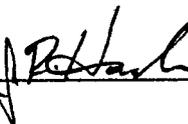
b. DIVERSIONS

The main undisturbed area diversion ditch on the south end of the site which diverts runoff from the hillside above the portal area was found to have some erosion of the uphill embankment into the channel. The operator was asked and agreed to install straw bales at the outlet of the diversion ditch prior to the next inspection of the site. No sediment had been transported out of the ditch during snowmelt and could not occur until late spring thunder showers.

c. SEDIMENT PONDS AND IMPOUNDMENTS

The operator had maintained the inlet structure to the sediment pond on the east side of the road. The channel had previously been back cutting into the roadway and the operator had repaired the channel by relining the channel with riprap at the road. Some of the riprap material that eroded down the channel had partially filled the inlet channel to the sediment pond, however the channel was functioning within acceptable limits. The operator was informed that the channel may require additional maintenance in the future in the event that the channel is further compromised. The operator indicated that hopefully, upon permit approval, all diversions, ditches, and inlet and outlet structures would be maintained to permit specification. The operator was considered to be in compliance with the required performance standards.

Inspectors Signature and Number: #13



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d. OTHER SEDIMENT CONTROL MEASURES

Straw bales had been placed at the outlets of the ditches along the roadway leading to the mine site. These bales were found to be operating exceptionally well. Other bales and berms placed on the site for surface water sediment control were found to be properly installed and maintained.

e. SURFACE AND GROUNDWATER MONITORING

Surface water measurements taken by the operator had been submitted to Mr. Rick Summers, Hydrologist, at the Division. Channel sections were taken by the operator on the date of the inspection to determine the current flow rate of Chalk Creek. Surface water sampling requirements have been met by the operator. No groundwater monitoring facilities have been prescribed for the operation and consequently, no groundwater sampling was taken. Base line groundwater information for the site will be in conjunction with the SOAP hydrologic information gathered for the Boyer Mine located immediately to the north of Summit No. 1 Mine. Additionally, the Division is in the process of writing the CHIA covering both the Boyer and Summit No. 1 Mines.

16. ROADS

b. DRAINAGE CONTROLS

Refer to comments made under 4.d.

Copy of this Report:

Mailed to: Donna Griffith - OSM Barbara Filas - Summit Mineral, Inc.

Given to: Sue Linner and Joe Helfrich - DOGM

Inspectors Signature and Number: #13  Date: 4/27/87