

Document Information Form

Mine Number: C/015 /015

File Name: Incoming

To: DOGM

From:

Person N/A

Company N/A

Date Sent: January 15, 1979

Explanation:

Region V on-site Inspection Report.

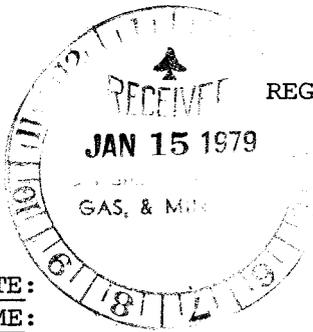
cc:

File in: C/015 , 015 , Incoming

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information



REGION V ON-SITE INSPECTION REPORT

CONSOLIDATION COAL COMPANY
EMERY MINE

ACT/015/015
ACT/010/003
This belongs in
the underground
mine.

DATE: November 1, 1978
TIME: 3:30 p.m.
WEATHER: Overcast and cool
COUNTY AND STATE: Emery County, Utah
TYPE OF INSPECTION: Initial
COMPANY OFFICIALS: Ron Hughs, George Harvel
STATE OFFICIALS: Ron Daniels, Mary Ann Wright
Utah Division of Oil, Gas and Mining
OSM OFFICIALS: Tom Ehmett, Murray Smith

GENERAL COMMENTS

The Emery Mine is an underground coal mine that is a joint venture owned by Consolidation Coal Company and Kemmerer Coal. The elevation of the mine portals is approximately 5,900 feet. The production at this mine is approximately 450,000 tons projected. The BTU of the coal is 12,000 to 13,000 BTU's per pound and sulfur content is between 1/2 of 1% to 1.2%. Approximately 168 people are employed at any one time at this mine. The area in which the mine is located has been mined for approximately 35 years. Consolidation Coal Company started their operation at this site in 1975. There are two seams of coal which are divided by a parting. The total thickness of the coal is about 18 feet. There are four portals at this mine. One portal is used for a mainway, one portal for an air intake, one portal for an air exhaust and one portal for coal loadout. The coal at this mine is fee coal and the surface is private surface.

COMPLIANCE WITH INTERIM REGULATIONS

717.11b Copies of Applicable Permits and Other Records

All applicable permits and other records required were on file at the mine site office and were viewed during the inspection.

717.12 Signs and Markers

All required signs and markers w

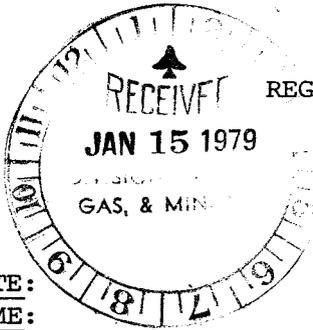
File in:

- Confidential
- Shelf
- Expandable

717.14 Backfilling and Grading

Refer to Record No 0010 Date 1-15-79
In C/ 015, 015, Incoming
For additional information

Spoil at this site has been reta little final grading has taken p date. Access roads and other areas in and around the mine site are relatively level with very few steep slopes. The mine is situated in a canyon with the canyon walls being nearly vertical. The canyon walls are solid rock with no



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GENERAL COMMENTS

The Emery Mine is an underground coal mine that is a joint venture owned by Consolidation Coal Company and Kemmerer Coal. The elevation of the mine portals is approximately 5,900 feet. The production at this mine is approximately 450,000 tons projected. The BTU of the coal is 12,000 to 13,000 BTU's per pound and sulfur content is between 1/2 of 1% to 1.2%. Approximately 168 people are employed at any one time at this mine. The area in which the mine is located has been mined for approximately 35 years. Consolidation Coal Company started their operation at this site in 1975. There are two seams of coal which are divided by a parting. The total thickness of the coal is about 18 feet. There are four portals at this mine. One portal is used for a mainway, one portal for an air intake, one portal for an air exhaust and one portal for coal loadout. The coal at this mine is fee coal and the surface is private surface.

COMPLIANCE WITH INTERIM REGULATIONS

717.11b Copies of Applicable Permits and Other Records

All applicable permits and other records required were on file at the mine site office and were viewed during the inspection.

717.12 Signs and Markers

All required signs and markers were in place at the mine site.

717.14 Backfilling and Grading

Spoil at this site has been retained on the solid bench. Very little final grading has taken place at this site as of this date. Access roads and other areas in and around the mine site are relatively level with very few steep slopes. The mine is situated in a canyon with the canyon walls being nearly vertical. The canyon walls are solid rock with no

overburden or topsoil present. Portals are driven directly into this face. Very little grading will be necessary in these areas.

717.15 Disposal of Spoil and Waste

A crushing and sizing operation only takes place at this mine. No waste is produced and no excess spoil or waste was observed at the site.

717.17 Water Quality Standards and Effluent Limitations

A settling pond has been constructed at this site. It is a large structure, well constructed, and this pond handles only the water from the underground operation. The water is pumped from the mine to the settling pond where the sediment is collected and the water then flows into Quitchupah Creek. This discharge point is covered by an NPDES permit. There is just one point at this mine covered by the NPDES permit and no others. The NPDES system is also the only surface water monitoring system that is ongoing at this site. A surface water runoff sedimentation pond is in the planning stages and will be constructed in the near future. According to the Utah Division of Oil, Gas and Mining, this structure is to be constructed by November 4, 1978; however, it is doubtful that it will be constructed by that date. The site was viewed from the general location of the sedimentation pond, and it seemed to be the logical spot to place the sedimentation pond.

Ground water monitoring is not in existence at this site, at this time. According to Section 717.17, the ground water shall be monitored in such a manner approved by the Regulatory Authority to determine the effects of underground coal mining operations on the quantity and quality of water and ground water systems at the mine site. This monitoring plan should be submitted for approval to the Utah Division of Oil, Gas and Mining and to the Office of Surface Mining as soon as possible. Access roads and haul roads have been constructed and properly maintained at this site.

Quitcupah Creek and Christensen Wash were actively flowing at the time of inspection. The water entering the creeks through the mine site area were very turbid. Nowhere along the mine site access to these drainages was there a discharge other than the discharge coming from the approved sedimentation pond for the underground mine water. The size of the proposed surface water runoff sedimentation pond is 30 feet by 30 feet by 5 feet deep. This sedimentation pond will also control runoff from the tipple area. According to company officials,

Christensen Creek, which is adjacent to the tipple area, is very high in total dissolved solids because of the runoff coming from the Marcos shale formations nearby.

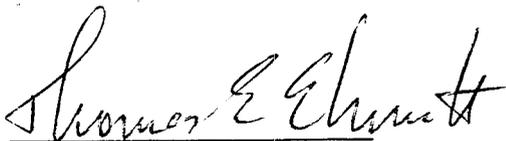
A safety berm exists around the haul roads and near the tipple area. This safety berm acts as a diversionary barrier to keep runoff from the mine area from directly entering Christensen Creek. Some access road embankments leading down to the creek are in need of stabilization efforts. Some erosion was noted. This should be corrected as soon as possible, and preferably before the spring runoff. This can be corrected either by the use of vegetation or riprap as possible solutions.

717.18 Dams Constructed of Waste Material

None.

717.20 Topsoil Handling and Revegetation

No new areas have been excavated since the effective date of the Act, therefore no topsoil has been removed and/or stockpiled as yet. Disturbed areas have not as yet been revegetated due to the fact that the mine is still active in these areas. Revegetation will have to be postponed until such time as an area is abandoned and will not be re-affected by the mining operation.



Thomas E. Ehmett
Reclamation Specialist

DATE	<u>1-11-79</u>
FILES	<u>✓</u>
STATE	<u>✓</u>
READ. FILE	<u>✓</u>
REG. DIR.	<u>✓</u>
U.S.G.S.	_____
B.L.M.	_____
TRIBE	_____
B.I.A.	_____