

Document Information Form

Mine Number: C/007/009

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A.

Date Sent: July 18, 1980

Explanation:

Memo TO coal File.

cc:

File in: C/007, 009, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

July 18, 1980

Memo to Coal File:

RE: Sage Point-Dugout Mine
Eureka Energy Co.
ACT/007/009

On May 28, 1980, Mary Ann Wright of the Division accompanied Paul Anderson of Eureka to the mine site for a review of the vegetation reference areas which had been chosen to date.

It was determined that the following communities occur on the mine site:

DF - Douglas Fir
GS - Greasewood/Sagebrush
PJ - Pinon/Juniper
SGJ - Shrub/Grass/Juniper
MC - Mixed Conifer
DS - Deciduous Streambank
FW - Farmland Weeds
RG - Rush/Grass
SCW - Salt Cedar/Willow
MCMB - Mixed Conifer/Mountain Brush
B - Barren (Rock, Mancos Shale)

The following areas of proposed disturbance contain these vegetation communities:

1. Dugout Canyon - MC, DS and possibly a small area of DF will be disturbed.
2. Fish Creek Canyon - MC, DS
3. Pace Creek Canyon - MC, DS
4. Conveyor Belt Route - DS, MC, PJ, GS and possibly a very small area of DF will be disturbed
5. Waste Pile Area - PJ, SGJ, GS
6. Rock Disposal Area - B, SGJ, PJ

File in:

- Confidential
 Shelf
 Expandable

Refer to Record No. 0003 Date 7-18-80

In CI 007, 009, Internal

For additional information

July 18, 1980

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Memo

July 18, 1980

Page Two

7. Loadout and Central Facilities and Rail Road Loop - PJ, GS, SGJ, FW
8. Anderson Reservoir - GS, SGJ, SCW
9. Dugout Reservoir - PJ

The above areas were all reviewed during this visit or had been viewed during the past year with respect to their vegetative composition.

Accordingly, the following proposed reference areas were visited and information was noted concerning the slope, aspect, geology and vegetation.

1. DF in Pine Canyon
Slope - 23°
Aspect - N Facing
Geology - North Horn Formation

This area did not appear to be representative of the DF areas to be disturbed.

2. GS along Fish Creek Drainage
Slope - 0-2%
Aspect - NA
Geology - Alluvium surrounded by Mancos Shale
3. SGJ along Fish Creek Drainage.
Slope - 20°
Aspect - E to SE
Geology - rubble-covered Mancos Shale
4. PJ east of Fish Creek Drainage on Pediment.
Slope - 0
Aspect - NA
Geology - pediment gravels and rubble-covered mancos slopes.
5. MC in Dugout Canyon
Slope - 30°
Aspect - S⁵⁰ E
Geology - Black Hawk Formation

All of these proposed reference areas with the exception of the DF site appear to be representative and reasonably chosen sites. A new DF reference area is being considered in Dugout Canyon although Eureka is unsure whether any DF areas will be disturbed. This reference area will be visited later if it is determined that it is needed.

Memo

July 18, 1980

Page Three

On July 8, 1980, a proposed DS reference area, located in Pace Canyon, was visited for the purpose of determining whether this appears to be an acceptable site for the DS communities which will be disturbed in Fish Creek and Dugout Creek. It did appear to be a representative area so Eureka Energy Co. will proceed with detailed sampling of the area. Further analysis of the sites will occur when all data becomes available.



MARY ANN WRIGHT
RECLAMATION BIOLOGIST

Accounting Statistics:

Please see memo by Lee Spencer for Eureka, ACT/007/009 dated June 9, 1980

cc. OSM, Region V
Attn: Rocky Beavers