



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
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Salt Lake City, Utah 84116
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M E M O R A N D U M
* * * * *

TO: Ron Daniels, Coordinator
FROM : Tom Suchoski, Engineering Geologist *TS*
SUBJECT: Blazon #1 Mine - Reclamation Surety Estimate
DATE: April 4, 1980

Estimate of Reclamation cost in 1980 dollars, seems good to me. The clean-up costs are higher than our estimates, but the regrading, recontouring, and safety costs balance it out.

The only problem is that no inflation interest factor has been added for the ten year mine life. With a 13% annual inflation rate, proposed by the Board, the total cost for reclamation after 10 years is approximately \$49,600.00

For the permanent program the area of monitoring will need to be addressed and included in the surety to cover this cost.

TJS/sp

Tom 15 years? is how much
26899.55 \$27000
TS



Blazon Co.

(Mining Contractors & Consultants)

Agents for:
Joe Investment Co.
C & W Coal Producers

Ferron, Utah
March 26, 1980

RECEIVED
MAR 28 1980

DIVISION OF
OIL, GAS & MINING

Ronald Daniels, Coordinator
Dept. of Natural Resources
Div. of Oil, Gas and Mining
Salt Lake City, Utah 84116

Dear Ron,

Please find enclosed our estimate for bonding requirement with the State of Utah concerning the Blazon No.1 Mine.

The estimate is adequate in our opinion and hope that you will agree.

Mr. Otani, the surface owner submitted a letter stating his desires regarding the post-mining land use. We have used the letter as a basis for our calculations of the bonding amount.

Sincerely,

Joseph A. Harvey, President
Blazon Company

Box 327

Ferron, Utah 84523

(801) 384-2755

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

OPERATOR: Blazon Company
MINE NAME: Blazon No. 1
LOCATION: Clear Creek, Utah
COUNTY: Carbon
DATE: March 25, 1980

Operation		Amount	Rate	Cost
A. CLEAN-UP	1. Removal of structures & equipment.	1. Crane 32 hr.	\$85.00/hr.	\$2720.00
	2. Removal of trash & debris.	Truck 64 hr.	17.00/hr.	1088.00
	3. Leveling of ancillary facilities pads and access roads.	Ldr. 64 hr.	25.00/hr.	1600.00
		2. Truck 8 hr.	17.00/hr.	136.00
	Ldr. 8 hr.	25.00/hr.	200.00	
	3. Dozer 16 hr.	60.00/hr.	960.00	
B. REGRADING & RECONTOURING	1. Earthwork including haulage and grading of spoils, waste and overburden.	Dozer 760 cu. yds.	\$1.20/cu.yd	\$ 912.00
	2. Recontouring of highwalls and excavations.	N/A		
	3. Spreading of soil or surficial materials.	Ldr. & Trucks 400 cu. yds.	\$2.20 cu.yd	\$ 880.00
C. STABILIZATION	1. Soil preparation, scarification, fertilization, etc.	1.25 Acres	\$100.00/acre	\$ 125.00
	2. Seeding or planting.	1.25 Acres	30.00/acre	37.50
	3. Construction of terraces, waterbars, etc.	N/A		
D. LABOR	1. Supervision.	15 days	\$150.00/day	\$2250.00
	2. Labor exclusive of bulldozer time.	30 days	70.00/day	2100.00
E. SAFETY	1. Erection of fences, portal coverings, etc.	4 seals	\$400.00 ea.	\$1600.00
	2. Removal or neutralization of explosive or hazardous materials.	Included in A-2		
F. MONITORING	1. Continuing or periodic monitoring, sampling & testing deemed necessary.	N/A Land owner will monitor		
G. OTHER				\$14,588.50
				TOTAL COST

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