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& LIGHT COMPANY
MINING DIVISION
P.O. Box 310
Huntington, Utah 84528

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DIVISION OF
OIL, GAS & MINING

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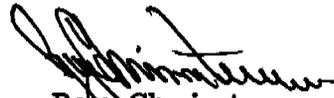
January 15, 1988

Mr. Lowell P. Braxton
Administrator, Mineral Resource Department
and Reclamation Program
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

In compliance with state regulations UMC 817.46 (t) and UMC 817.49 (h), we submit the quarterly inspection reports for the sedimentation ponds at the Des-Bee-Dove, Deer Creek and Wilberg/Cottonwood Mines for 1987.

Sincerely,



Ray Christensen
Manager Permitting Compliance

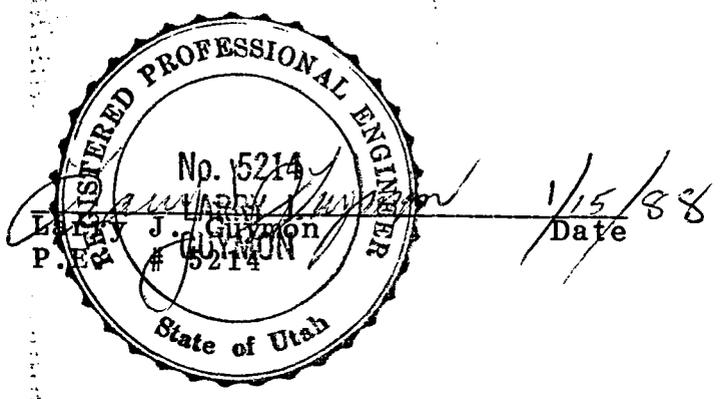
RC/jd

Enclosure

cc: Jim Hislop
Larry Guymon
Morgan Moon
Val Payne

Engineers Statement:

I do hereby certify that this 1987 Quarterly Engineering Reports for the Sedimentation Structures for the Deer Creek, Des-Bee and Wilberg Mines and the Cottonwood Exploration Site are true and correct to the best of my knowledge and belief.



Quarterly Engineering Report

Deer Creek Sediment Pond

1987

This report is submitted as required by Federal and State regulations:

UMC 817.46 (t)
UMC 817.49 (h)
30 CFR 77.216-3

Design Data: Top of Dam Elevation 7235.00
Toe of Dam Elevation 7210.50
Spillway Crest Elevation 7230.50

Total Storage Capacity 12.09 AC.Ft.
Sediment Storage Capacity 2.19 AC.Ft.

Control Points 1 - 7236.49
2 - 7236.56
3 - 7236.56
4 - 7235.98

Operational Data:

	<u>Accumulated Sediment</u>	<u>Water Elevation</u>	<u>Control Point Elevation</u>
1st Quarter 3-30-87	Frozen	7222.00	1 - 7236.49 2 - 7236.56 3 - 7236.56 4 - 7235.98
2nd Quarter 7-16-87	2.08 AC.FT.	7223.49	1 - 7236.49 2 - 7236.56 3 - 7236.56 4 - 7235.98
3rd Quarter 9-28-87	2.10 AC.FT.	7223.70	1 - 7236.49 2 - 7236.56 3 - 7236.56 4 - 7235.98
4th Quarter 12-18-87	Frozen	7223.79	1 - 7236.49 2 - 7236.56 3 - 7236.56 4 - 7235.98

INSPECTION:

Visual inspections were made during each quarter, no stability problems or other concerns were found.

QUARTERLY ENGINEERING REPORT

COTTONWOOD/WILBERG MINE

1987

This report is submitted as required by Federal and State regulations:

UMC 817.46(t)
UMC 817.49 (h)
30 CFR 77.216-3

NORTH POND (#1)

Design Data:	Top of Dam Elevation	7367.00
	Toe of Dam Elevation	7345.20
	Spillway Crest Elevation	7365.00
	Total Storage Capacity	2.15 AC.Ft.
	Sediment Storage Capacity	0.90 AC.Ft.
	Control Points	N-2 7367.23 N-3 7366.88 N-4 7366.39

Operational Data:

	<u>Accumulated Sediment</u>	<u>Water Elevation</u>	<u>Control Point Elevation</u>
1st Quarter	FROZEN	7356.58	N-2 - 7367.23 N-3 - 7366.88 N-4 - 7366.39
2nd Quarter	.99	7357.00	NO CHANGE
3rd Quarter	0	7349.80	NO CHANGE
4th Quarter	FROZEN	7356.78	NO CHANGE

SOUTH POND (#2)

Design Data:	Top of Dam Elevation	7337.00
	Toe of Dam Elevation	7317.00
	Spillway Crest Elevation	7335.00
	Total Storage Capacity	1.88
	Sediment Storage Capacity	0.30
	Control Points	S-2 7338.34
		S-3 7338.40
		S-4 7339.65

Operation Data:

	<u>Accumulated Sediment</u>	<u>Water Elevation</u>	<u>Control Point Elevation</u>
1st Quarter	FROZEN	7326.85	S-2 - 7338.34 S-3 - 7338.40 S-4 - 7399.65
2nd Quarter	.02	7328.75	NO CHANGE
3rd Quarter	0	7330.90	NO CHANGE
4th Quarter	FROZEN	7330.35	NO CHANGE

Inspection:

Both ponds were cleaned during the third quarter. Repairs were made to the west bank of the north pond where some settlement had occurred. Also, the inlet structure to the north pond was improved and repaired.

QUARTERLY ENGINEERING REPORT

DES-BEE-DOVE

1987

This report is submitted as required by Federal and State regulations:

UMC 817.46 (t)
UMC 817.49 (h)
30 CFR 77.216-3

Design Data: Top of Dam Elevation 6775.00
 Toe of Dam Elevation 6756.00
 Spillway Crest Elevation 6771.80

 Total Storage Capacity 19.8 AC.Ft.

 Sediment Storage Capacity 2.0 AC.Ft.

 Control Points 0+00 - 6775.20
 0+85 - 6775.00
 1+25 - 6775.20
 1+65 - 6775.40

Operation Data:

	<u>Accumulated Sediment</u>	<u>Water Elevation</u>	<u>Control Point Elevation</u>
1st Quarter	0	No Water	No Change
2nd Quarter	0	No Water	No Change
3rd Quarter	0	6758.67	No Change
4th Quarter	Frozen	6760.47	No Change

Inspection:

Mining operations ceased on February 6, 1987. Due to this closure sediment and water accumulation has been minimal. The facility has been inspected quarterly for structural problems or related stability problems, none were detected.

QUARTERLY ENGINEERING REPORT

COTTONWOOD SEDIMENT PONDS

1987

This report is submitted as required by Federal and State Regulations:

UMC 817.46 (t)
 UMC 817.49 (h)
 30 CFR 77.216-3

Design Data:

	<u>Sediment Capacity</u>	<u>Total Capacity</u>
North Pond	.047 AC.Ft.	.107 AC.Ft.
Center Pond	.115 AC.Ft.	.511 AC.Ft.
Total	.245 AC.Ft.	0.696 AC.Ft.

Operational Data:

Accumulated Sediment (AC. FT.)

	<u>North</u>	<u>Center</u>
1st Quarter	0	0
2nd Quarter	0	.04
3rd Quarter	0	.05
4th Quarter	0	.05

Water Elevation

	<u>North</u>	<u>Center</u>
1st Quarter	Dry	Dry
2nd Quarter	Dry	Small Amount
3rd Quarter	Dry	Dry
4th Quarter	Dry	Dry

Inspection:

Visual inspections were made during each quarter to check for structural stability. No problems were found.