

**RAPTOR MONITORING REPORT**

**1986**

**STAR POINT MINES**

**ACT/007/006**

**MAY 04 1987**

**DIVISION OF  
OF**

On June 10, a raptor survey was conducted on the permit area controlled by Plateau Mining Company. All cliff nesting habitat was searched using a Bell Jet Ranger helicopter.

Carl Gramlich of the Utah Division of Wildlife Resources accompanied Ben Grimes from Plateau in conducting the survey. Results of the survey are shown on Map 37 and Table 54. This map and the table are included in Plateau's Mining and Reclamation Plan, therefore, the numbers Map 37 and Table 54; the numbers were retained to simplify identification of the map and table.

Golden Eagle Nest Number 14 (elevation 8250) had two fledglings in the nest at the time of the survey, which were approximately two weeks from fledging. This nest is outside of mining and will not experience any impact from mining.

Golden Eagle Nest Number 20 (elevation 9470) had one approximately two week old chick in the nest. This nest is located above future mining. Negotiations are under way with the U.S. Fish and Wildlife Service and the Utah Division of Wildlife Resources to allow mining beneath this nest and Nest 21, which is an alternate for Nest 20.

TABLE 54

## RAPTOR NEST SITE ACTIVITY

Site No.	Description	1982	1983	1984	1985	1986
1	Golden Eagle	A	I	A	I	I
2	Prairie Falcon Scrape	A	I	A	AF	A
3	Buteo		I	I	I	I
4	Old Stick Nest		I	N	N	N
5	Old Stick Nest			I	I	I
6	Old Stick Nest		I	I	I	I
7	Old Stick Nest			I	I	N
8	8 Stick Nests		I	I	6I, 2A	7I, 1A
9	Stick Nest			I	I	A
10	Stick Nest, Buteo or Raven		I		I	I
11	Red Tail Hawk			I	I	Y3
12	Old Golden Eagle Nest		I	I	I	N
13	Golden Eagle		A	A	A	N
14	Golden Eagle				A	Y2
15	Stick Nest				A	N
16	2 Old Stick Nests-Buteo			I	I	I
17	Golden Eagle	I		I	I	I
18	Golden Eagle	A	I	A	I	A
19	Raven				I	Y4
20	Golden Eagle		I	I	I	Y1
21	Golden Eagle		I	I	I	I
22	Golden Eagle			A	I	I
23	Kestrel Scrape					A
24	2 Stick Nests-Buteo or Raven					I
25	Kestrel Scrape			A	N	
26	2 Old Golden Eagle Nests		I	I		N
27	Kestrel Scrape		A	N		N
28	Redtail Hawk					Y2

Explanation: I - Inactive; Y - Young Birds in Nest; A - Active; N - Not Found; F - Failed



# PLATEAU MINING COMPANY

A Subsidiary of Cyprus Coal Company  
P.O. Drawer PMC Price, Utah 84501  
Telephone (801) 637-2875

RECEIVED  
MAY 04 1987

April 29, 1987

DIVISION OF  
OIL, GAS & MINING

Mr. Lowell Braxton  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: 1986 Annual Reports

Dear Mr. Braxton:

Enclosed are copies of the following 1986 Annual Reports:

~~Tom~~ → Precipitation Data (Reviewing)  
✓ Pam → Insurance Certificate fine  
✓ Pam/Rick → Subsidence Report (Reviewed and ~~is~~ reviewing)  
Tom → Hydrology Report ("")  
Kathy → Raptor Report  
Kathy → Vegetation Monitoring Report

Current 1987 mining projection maps can be found in the New Lands PAP recently submitted.

As per our agreement, this information is being submitted by May 1, 1987.

Respectfully,

Ben Grimes  
Sr. Environmental Engineer

BG:sd

Enclosures

File: ENV 2-5-2-14  
Chrono: BG 870407



# CERTIFICATE OF INSURANCE

SET TAB STOPS AT ARROWS

ISSUE DATE (MM/DD/YY)

7/1/86

**PRODUCER**

Broadus-Anderson & Associates, Inc.  
4700 Old Kingston Pike  
P. O. Box 19810  
Knoxville, Tennessee 37939-2810

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**COMPANIES AFFORDING COVERAGE**

COMPANY LETTER **A** Old Republic Insurance Company

COMPANY LETTER **B**

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

**INSURED**

Plateau Mining Company, Subsidiary of  
Cyprus Minerals Company  
7200 S. Alton Way  
P. O. Box 3299  
Englewood, Colorado 80155

**COVERAGES**

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS, AND CONDITIONS OF SUCH POLICIES.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIABILITY LIMITS IN THOUSANDS		
						EACH OCCURRENCE	AGGREGATE
A	<b>GENERAL LIABILITY</b>	ZC46784	7/1/86	7/1/87	BODILY INJURY	\$	\$
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM				PROPERTY DAMAGE	\$	\$
	<input type="checkbox"/> PREMISES/OPERATIONS				BI & PD COMBINED	\$ 2,000	\$ 2,000
	<input type="checkbox"/> UNDERGROUND EXPLOSION & COLLAPSE HAZARD				PERSONAL INJURY	\$	\$
	<input type="checkbox"/> PRODUCTS/COMPLETED OPERATIONS						
	<input type="checkbox"/> CONTRACTUAL						
A	<b>AUTOMOBILE LIABILITY</b>	TB11331	7/1/86	7/1/87	BODILY INJURY (PER PERSON)	\$	
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (PER ACCIDENT)	\$	
	<input type="checkbox"/> ALL OWNED AUTOS (PRIV. PASS.)				PROPERTY DAMAGE	\$	
	<input type="checkbox"/> ALL OWNED AUTOS (OTHER THAN PRIV. PASS.)				BI & PD COMBINED	\$ 2,000	
	<input type="checkbox"/> HIRED AUTOS						
	<input type="checkbox"/> NON-OWNED AUTOS						
	<b>EXCESS LIABILITY</b>				BI & PD COMBINED	\$	\$
	<input type="checkbox"/> UMBRELLA FORM						
	<b>WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY</b>				STATUTORY	\$	(EACH ACCIDENT)
						\$	(DISEASE-POLICY LIMIT)
						\$	(DISEASE-EACH EMPLOYEE)
	<b>OTHER</b>						

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

**CERTIFICATE HOLDER**

TO WHOM IT MAY CONCERN

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

*Richard G. Anderson*

PRECIPITATION DATA

LOCATION Plateau Mining Company - Lion Deck  
 COUNTY Carbon STATE Utah  
 TIME OF OBSERVATION YEAR 1986

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Remarks
1									.44	.89			
2				.34						.42			
3		.10											
4													
5						.14		.11					
6	.56	.39					.12						
7													
8					.12		.15		.06			.07	
9					.13	.18							
10		.09							.16		.13		
11			.31										
12													
13	.07	1.03								.13			
14													
15			.82				.14						
16							.40						
17		1.04					.22						
18				.18								.04	
19													
20		.68								.04	.33	.02	
21	.08						.04	.38					
22							.05	.18					
23								.30	.16				
24							.11		1.02				
25				.20					.32				
26							.22		.03				
27				.18									
28													
29								.18					
30						.15							
31	.17												
<b>Total</b>	0.88	3.33	1.13	0.90	0.25	0.47	1.45	1.15	2.19	1.48	0.46	0.13	

Total Annual 13.82