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03/15/94

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: BAT CAVE

ALTERNATE NAMES:

U.S. GUANO  
CALAZONA MINING COMPANY  
NEW PACIFIC COAL AND OILS  
GUANO CAVE

MOHAVE COUNTY MILS NUMBER: 226A

LOCATION: TOWNSHIP 31 N RANGE 14 W SECTION 29 QUARTER NE  
LATITUDE: N 36DEG 02MIN 43SEC LONGITUDE: W 113DEG 48MIN 14SEC  
TOPO MAP NAME: BAT CAVE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

PHOSPHATE GUANO  
NITROGEN GUANO

BIBLIOGRAPHY:

ADMMR BAT CAVE FILE  
"MINERAL & WATER RESOURCES OF AZ" AZBM BULL  
180, P. 368-369, 1969  
DESERT MAGAZINE, JULY-AUG. 1967, P.25

Date Printed: 03/15/94

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

Information from: Roberta Serface

Company:

Address:

City, State ZIP:

Phone: 602-575-8346

MINE: Bat Cave

ADMMR Mine File: Bat Cave

County: Mohave

AzMILS Number: 226A

SUMMARY

Roberta Serface of Tucson, phone 575-8346, requested information on the Bat Cave guano deposit.

She has been involved with a volunteer research group that has recently completed surveying the Bat Cave. The survey results are to be filed with the National Park Service at the Grand Canyon National Park. The contact there is reported to be Kim Crumbo.

Ken A. Phillips, Chief Engineer      Date: March 15, 1994

B-1

## BAT CAVE

## MOHAVE COUNTY

NJN WR 5/27/88: On Sunday, May 22, an unofficial visit was made to the surface facility on the Bat Cave Mine (file) Mohave County on the South Rim. The Hualapai Indian Tribe has put in a new, larger air strip to the south of the facility. This is the first phase of a plan to develop this portion of the Grand Canyon for tourism. Currently tourists are flown in (ordinarily from Las Vegas) and bussed on a short rim overlook tour. The final stop on this tour is the tower and ore bin facility once used by US Guano.. The facility is being converted to a dining area and ~~vis~~ta viewing platform. There are no plans at present to reinstall the cable to the Bat Cave due to the heavy air traffic below the rim in this portion of the canyon. The first stop on the tour is a side canyon where a well exposed breccia pipe known as Bat Cave Pipe can be seen. This feature is not associated with the Bat Cave; it is about 3 miles south of the Cave and on the south side of the river.

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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

FILED  
JUL 10 1964

Mine Calazona Mining Company Guano Lease Date 6-18-64  
District Grand Canyon 65 Air Miles N of Kingman, Engineer Lewis A. Smith  
Mohave County  
Subject: Interview with Frank Broes, President of Calazona Mining Co.

PROPERTY: The bulk or back portion of the Guano Cave is under a phosphate lease to Calazona. The rest (front part) was leased by the U.S. Guano Co. a subsidiary of New Pacific Coals & Oils, Ltd.

OFFICERS OF CALAZONA MINING CO: Pres. Frank Broes, 2809 W. Adams, Phoenix (273-7151).  
Sec'y: J.S. Hubble, 500 W. Clarendon, Phoenix (265-2455).

NOTE: The principals of Calazona Mining Co., also are with the L.J.C. Iron Co. (SW of Aguila), the two companies being intertwined.

WORK: Considerable exploration of the cave has resulted in greatly increased reserves of guano in the Calazona Mining Company's ground. Another cable across the Grand Canyon is contemplated.

This group also operate a well drilling business, and have some other mining holdings.

Guano

10/10/66

Active Mine Lists

		<u>No. Men</u>
July 1957	U.S. Guano Corp.	—
Feb 1958	Randall Mills Corp. no sold to U.S. Guano	15
Sept	Both Co. and Pacific of Pacific & Coal and Oil,	15
Feb 1959	Ltd., of Toronto	15
Oct	do	15
Feb 1960	do	15
Sept	—	—
Feb 1961 - date	—	—

MY 1958 Randall Mills Corp continued  
to produce guano & sold to U.S. Guano  
for packaging & marketing

MY 1957 Randall Mills Corp started mining from  
Caves on S. rim of Canyon Co. mine. No. 1 Kingman  
for rail conditions. Longest single open tramway  
in world 2 1/2 mi. Reserve est. 100,000 mt  
See also Trefoil Vol 2 No 2 March-Apr 1958

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine U. S. GUANO COMPANY Date July 29, 1957  
District Mohave County Engineer Lewis A. Smith  
Subject: GUANO CAVE DEPOSITS (Arizona Republic, July 28, 1957)

Guano Cave Deposits - 165 airline miles north of Kingman,  
Mohave County.

U. S. Guano Company, subsidiary of New Pacific Coals & Oils Ltd.,  
of Toronto Canada.

Charles Parker Mining Engineer and President of U. S. Guano.

250,000 tons reserve.

First attempt to mine them was made by barges on Colorado River,  
but several barges sunk and this project was abandoned.

Parker conceived of idea of using tram from a ledge (4,700 elev)  
to caves on north rim 600' high. Guano to be extracted by strong suction  
pump feeding guano to Tram which carries 3,500 pounds. Conveyor system  
9,000' long (areal tram cables) will cost \$750,000. A packaging plant,  
located on the 4,700 elevation bench will be run by Butler Mfg. Co. of Kansas  
City, Mo. Expected price = \$360 per ton & it will probably be 10 years  
before deposit is cleaned out. Cave not completely explored - some rooms  
300' wide x 500' long and 100' high. Road from ledge joins highway at Peach  
Springs. Last information is that they lost first cable in river but will  
replace it.