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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: JUMBO FLOURSPAR

ALTERNATE NAMES:

LILLY BELLE MINE  
UNION HILL

MARICOPA COUNTY MILS NUMBER: 233B

LOCATION: TOWNSHIP 6 N RANGE 5 W SECTION 1 QUARTER NE  
LATITUDE: N 33DEG 53MIN 37SEC LONGITUDE: W 112DEG 43MIN 35SEC  
TOPO MAP NAME: WICKENBURG - 7.5 MIN

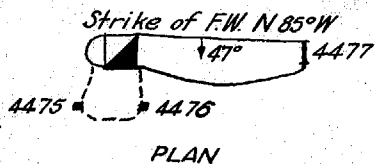
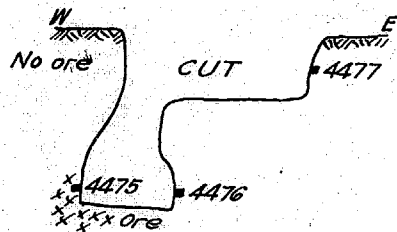
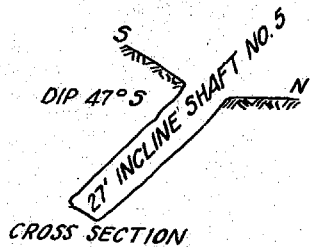
CURRENT STATUS: PAST PRODUCER

COMMODITY:

FLUORINE FLUORSPAR

BIBLIOGRAPHY:

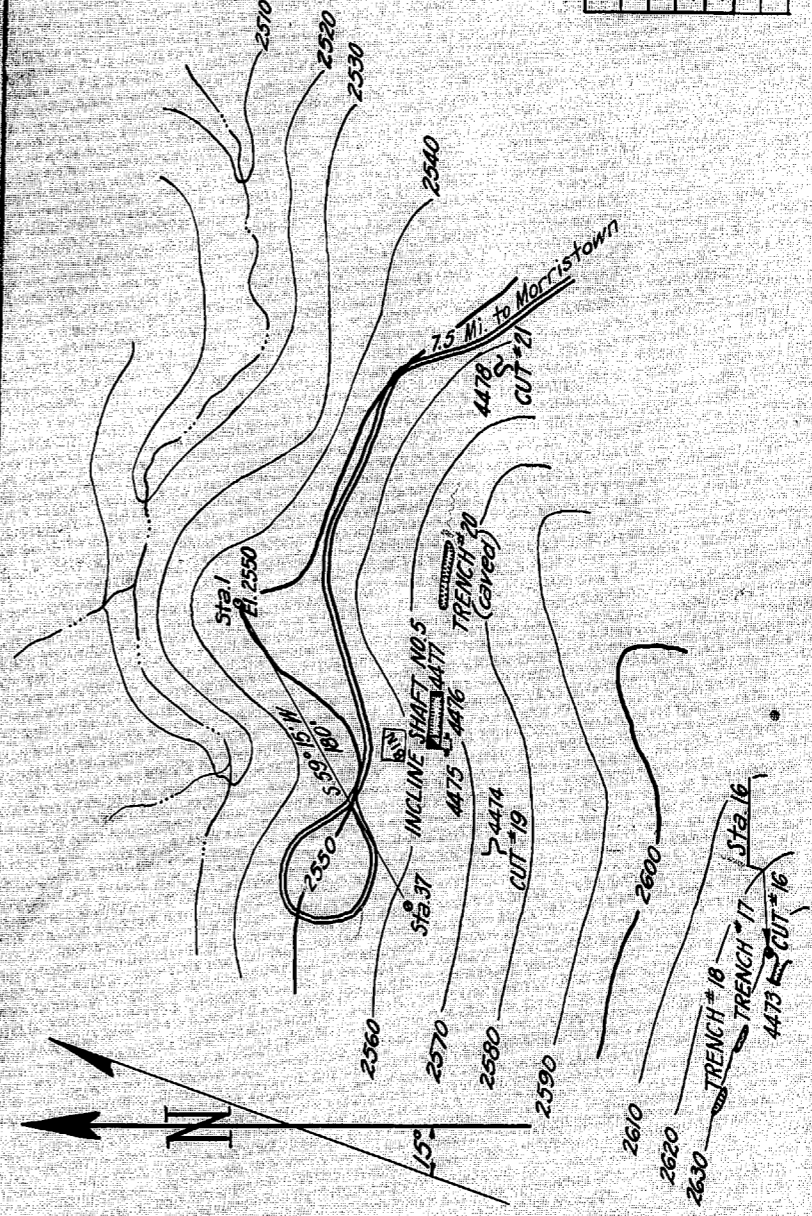
USGS WICKENBURG QUAD  
ADMMR BIG SPAR MINE FILE  
ADMMR FLUORSPAR PUB P 28  
ADMMR JUMBO FLUORSPAR MINE FILE  
USBM ACCESS RD APPLIC. EXAM. 8-7-43



NO.	WIDTH	%CaF <sub>2</sub>	%SiO <sub>2</sub>
4475	1.7	67.34	14.08
4476	3.0	74.06	3.00
4477	3.8	54.60	25.42



2004



NO	WIDTH	% CaF <sub>2</sub>	% SiO <sub>2</sub>
4473	4.8'	55.77	53.94
4474	3.0'	54.04	11.24
4475	1.7'	67.34	14.09
4476	3.0'	74.06	3.00
4477	3.8'	51.60	25.42
4478	4.8'	47.25	13.60

NOTE:  
 STA. 1 TO STA. 16, S 92° 15' W, 391 FT.  
 ELEV. AT STA. 1, 2550 FT. ASSUMED.



FIG. 4 - MAP OF THE JUMBO MINE  
 20004

**BUREAU OF MINES ENGINEER'S REPORT ON THE JUMBO MINE**  
**Maricopa County, Arizona**

**INTRODUCTION:** The Jumbo mine, situated in Sec. 5, T. 6 N., R. 4 W., about 9 miles by road northwest of Morristown, a station on the Santa Fe Railroad, was examined by a Bureau of Mines engineer in connection with an access road application. The mine is reached from Morristown by going about 6.5 miles northwesterly over a road that crosses the Hassayampa River and thence over a fair mine road that goes 2.5 miles up a sand wash to this mine. There are several sharp turns in the road and two short, steep pitches over the ends of low ridges that should be eliminated.

The bureau engineer recommended that the road be extended about 1,500 feet to an opening on a second vein, where a 2 foot streak of clean fluorspar was noted. However, the operator was not interested in mining that ore body when the road was examined by the Public Roads Administration engineer and the application was limited to improvement of the existing road which the highway engineer estimated would cost \$1,000.

**DESCRIPTION OF THE MINE:** Fluorspar occurs in two quartz-pegmatite veins that outcrop for short distances on the Jumbo claim. The lower vein, on the east end of the claim, is 6 feet wide. It strikes nearly east-west and dips 55 degrees south. The upper vein, near the west end of the claim is 5 feet wide. This vein strikes north-south and dips 45 degrees west. Each vein has been opened at one place by an open cut about 12 feet long and 6 feet deep. In each vein, there is a 2 foot band of good-grade fluorspar ore. Data on samples, taken at the two open cuts are as follows:

<u>Sample No.</u>	<u>Description</u>	<u>CaF<sub>2</sub> %</u>	<u>\$102 \$</u>
2297	East vein 2' on F.W. side	82.77	1.24
2298	Do. 4' on H.W. side	61.05	1.04
2299	West vein 20" on H. W. side	91.66	2.66
2300	Do. 3' on F. W. side	48.94	39.48

D. L. Solomon, one of the lessees, was working at the mine with one assistant when the property was visited. One tent was the only shelter at the mine. There was no mining equipment, except hand tools. Solomon stated that he will be able to get the necessary equipment for mining the ore.

**CONCLUSION:** The property is a mere prospect. The vein outcrops, where they are exposed in the opencuts, show good streaks of fluorspar that merit further development. The east vein, which will be made accessible by the proposed road, sh wa 4 feet of acceptable fluorspar ore in addition to 2 feet of high-grade fluorspar.

Approval of the application is recommended.

# DEPARTMENT OF MINERAL RESOURCES

## REPORT TO OPA ON ACTIVE MINING PROJECT

DEPT. MINERAL RESOURCES  
**RECEIVED**  
 Filing Information  
**JUN 23 1945**  
 File System \_\_\_\_\_ ARIZONA  
 File No. \_\_\_\_\_

Date July June 21 1945

Name of Mine Amalco

Owner or Operator Raymond C. Travis

Address Box 123 Wickenburg - Ariz

Mine Location S. Wickenburg - Uteruse Dist.

This chart to be used for gallons of gasoline required per month.

**PRESENT OPERATIONS:** (check X)

Production ; Development ; Financing \_\_\_\_\_; Sale of mine \_\_\_\_\_;

Experimental (sampling) \_\_\_\_\_; Owner's occasional trip \_\_\_\_\_;

Other (specify) \_\_\_\_\_

**PRODUCTION: Past and Future.**

	Tons
Approx. tons last 3 months	40
Approx. present rate per 3 months	20
Anticipated rate next 3 months	20
If in distant future check (X) here	

**EQUIPMENT OPERATED:**

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars			
Light or Service Trucks	<u>3/4 ton</u>	<u>1000</u>	<u>50</u>
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt. <u>motor</u>			<u>50</u>

**PRODUCT PRODUCED OR CONTEMPLATED:** Name metals or minerals.

Fluorapatite

**REMARKS:**

We producing needed minerals

By [Signature]

Jumbo Fluorspar Mine (aka Lilly Belle Mine)

sec. ~~5~~ T. 6N., R. 4W.

Maricopa County

reference: Arizona Dept. of Mineral Resources  
Jumbo Fluorspar Mine (file)

and Arizona Fluorspar by E. A. Elevatorski

Az. Dept. of Mineral Resources Oct. 1971 p. 28

present owner:

minerals: fluorospar

history of the area:

in 1945 the property was owned by Raymond Contreras of Wickenburg. About 30 tons per month were produced. By 1946 the property was idle. In 1952 George Campbell was the owner and he shipped about 100 tons from development work. Supposedly in 1952 about 50 tons of metospar was shipped.

geology of the area:

the fluorospar occurs as veins in granite - trachyte - diorite. There are two pegmatite veins that outcrop on the surface. The lower vein is 6 ft. wide, strikes E-W, and dips  $55^{\circ}$  S; the upper vein is 5 ft. wide and dips  $45^{\circ}$  S. Each vein contains 2 ft. of high grade spar estimated to be 55 to 60%  $\text{CaF}_2$ .

JUMBO FLUORSPAR MINE

MARICOPA

I accompanied Vic Kral and Bill Hirt to the Jumbo mine 6-8 miles SE of Wickenburg.  
GW WR 4/28/75

DMR Fluorspar, p. 28  
Big Spar mine (file)

JUMBO FLUORSPAR MINE

MARICOPA COUNTY

(also known as Lilly Belle Mi

See: DMR Fluorspar p. 28  
Big Spar Mine - file

USBM Access Road Application Examination, August 7, 1943

MILS Sheet sequence number 0040130004 ( p. 3188)



NAME OF MINE: JUMBO  
OWNER:

COUNTY: Maricopa  
DISTRICT:  
METALS: Fluorspar

OPERATOR AND ADDRESS		MINE STATUS	
Date:	Raymond Contreras, Box 123, Wickenburg	Date:	Dev. & shipping
6/45		6/45	

OPERATOR AND ADDRESS:		MINE STATUS	
DATE:	V. A. Hale	DATE:	Developing
5/1/44		5/1/44	

CAMPBELL, GEO. (OWNER)  
Wickenburg, Ariz.

'52

MINE - JUMBO- UNION HILL - 9 m. NW Morrystown  
*Maricopa*

(8 mi. W. Morrystown)

NAME OF MINE: CONTRERAS  
OWNER:

COUNTY: Maricopa  
DISTRICT:  
METALS: Fl.

*min World 1953*  
Mining World 1953

OPERATOR AND ADDRESS		MINE STATUS	
Date:		Date:	Shipping
4/45		4/45	
		2/46	Idle

Present Operations Are sinking shaft and expect to drift under old stopes at 100 ft.

New Work Planned

Misc. Notes It is reported that about 80 cars of metallurgical grade florspar has been shipped from the property mostly during the last war, from a shaft about 300 ft. long mined to a depth of about 40 ft. The present operator is going to explore to greater depth.

**COPY**  
DEPARTMENT OF MINERAL RESOURCES

News Items

Date Nov. 21, 1952

Mine Jumbo - Union Hill

Location 9 m. NW Morrissetown

Owner Geo. Campbell

Address Wickenburg, Ariz.

Operating Co. D. P. Evans, Lessee

Address 7240 Canyon Drive West

Phoenix, Ariz.

Pres. Genl. Mgr. D. P. Evans

Mine Supt. Leslie Taylor

Mill Supt.

Principal Metals Florspar

Men Employed 5

Production Rate Have shipped about 100 tons form development work during past mo.

Mill, Type & Capacity

none

Power, Amt. & Type Gas compressor and hoist.

Signed Mark Gemmill

(Over)