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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BURRITO DE FIERRO MINE

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 90

LOCATION: TOWNSHIP 17 S RANGE 22 E SECTION 24 QUARTER NW  
LATITUDE: N 31DEG 56MIN 44SEC LONGITUDE: W 110DEG 03MIN 19SEC  
TOPO MAP NAME: KNOB HILL - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD  
ZINC  
COPPER OXIDE  
COPPER SULFIDE  
SILVER

BIBLIOGRAPHY:

KEITH, S.B., 1973, AZBM BULL. 187, P. 63  
KREIDLER, TERRY J., "MINERAL-RESOURCE POTENTIAL OF THE DRAGOON MOUNTAINS RARE II FURTHER PLANNING AREA, COCHISE CO, AZ" U S BUR OF MINES MLA 35-82, 1981 ADMMR GEO FILE ADMMR BURRITO DE FIERRO FILE



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burrito de Fierro Mine Date April 6, 1965  
District Dragoon District, Cochise Co. Engineer Axel L. Johnson  
Subject: Field Engineers Report - Information, Matt Lee

References: Report of 2/13/59  
Location: 6½ miles S of Dragoon.  
Number of Claims: 4 or 5 unpatented claims.

Owners: D.G. Ligier, et al

Lessees: George Peverill, Dragoon, Arizona

Activity: Idle at present. Closed down 1/1/65. Shipped one carload of ore in Dec., 1964 to El Paso. Ore ran 14 to 15% lead & good silver. 2 men (including G. Peverill) were working Oct.-Dec. 1964. Now mine is idle.

Man by name of C. Whitelock is considering diamond drilling as reported by Matt Lee on 4-6-65.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Burrito de Fierro Mine

Date Feb. 13, 1959

District Dragoon District, Cochise Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Matt Lee. No Visit.

References Report of Dec. 11, 1956.

Location 6 1/2 miles south of Dragoon.

Number of Claims 1 unpatented claim.

Owner Tom Ligier, Box 41, Dragoon, Ariz.

Lessees & Operat ors George Peverill, Dragoon; George James, Dragoon; and a Mr. Jones from Willcox.

Principal Minerals Lead and Silver

Present Mining Activity Mining ore from an open cut, using bulldpzer. 2 men working.

Remarks

Mr. Lee states that the present mining operations are conducted in a new location, which they have opened up; and is not in the location where the previous operations were conducted, as reported in my report of Dec. 11, 1956. He reports that the ore vein is from 2 to 3 ft. wide, and not suitable ~~for~~ for open cut operations to any depth.

I shall examine this property on my next trip into this area, and make out a more detailed report.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burfito<sup>✓</sup> de Fierro Mine

Date Dec. 11, 1956

District Dragoon Dist., Cochise County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Personal Visit & information from owner, Tom Ligier.

Location Sec. 24 - T 17 S - R 22 E. (NW 1/4). 6 1/2 miles by road south of Dragoon. Road is rough and rocky, and would recommend a jeep or truck for access to the property.

Number of Claims 1 unpatented claim. Located by Tom Ligier on Nov. 1, 1955.

Owner Tom Ligier, Box 41, Dragoon, Ariz.

Operator Not in operation.

Principal Minerals <sup>✓</sup>Lead and Silver.

Production Rate No production, at present.

Geology Limestone replacement, with a partial replacement by oxidized lead and iron minerals. No definite vein or fault can be seen. The limestone, which appears on all sides of the mineral replacement, is marbled/is quite hard and impervious. No other rock formation could be seen in the immediate area. Deposit contains cerussite, anglesite, specular hematite, limonite, epidote, talc, calcite, etc.

Ore Values Assays from a 45 ton shipment by the former operators were as follows: Lead - 11.65 %; Silver - 1.0 oz.; Copper - 0.22 %; Iron - 8.20 %; Zinc - 2.4 %. The shipment netted \$ 13. 81 per ton before the 10 % royalty. The field engineer took a sample on the north wall of the deposit, which had been left by the former operators. This sample assayed 4.0 % in Lead. (Sample enclosed)

Ore in Sight and Probable No commercial ore in sight, and none probable.

Milling & Marketing Facilities None.

Mine Workings (1) 1 shaft, vert. to incl., 100 ft. deep---last 50 ft. bulkheaded off.  
(2) 1 drift, on the 25 ft. level, about 30 ft. long, with raise to surface.

Past History (1) The 100 ft. shaft estimated to be sunk about 1885 in search of Silver.  
(2) Located by Tom Ligier<sup>✓</sup> on Nov. 1, 1955.<sup>✓</sup>  
(3) Leased to George Peverill and Tony Martin of Dragoon, Ariz. Jan 5, '56. at 10 % royalty with option to buy. Leasers shipped 45 tons of ore and stockpiled 30 tons.  
(4) Cancelled lease in July 1956.

Proposed Plans Following are the price and terms of sale proposed by the owner, Mr. Ligier:  
(1) Sell the property outright for \$ 5,000.  
(2) Sell a 90 % interest in the property for \$4,000, & providing for a specified amount of development work to be done.  
(3) Forming a company to raise funds for the necessary operating equipment, and to do development work, while mining and shipping.  
(4) Other equitable deals will be considered.

Remarks I believe Mr. Ligier may have some difficulty in disposing of the property on account of the failure of the former operators and the lean character of the ore which is now exposed in the former stope. Any future operator should be prepared to do a considerable amount of exploration work in the hope of finding an additional deposit.

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date: ~~October~~ <sup>November</sup> 23, 1956.

1. Mine: BURRITO de FIERRO
2. Location: Sec 24 Twp 17S Range 22E Nearest Town Dragoon  
Distance 5 1/2 Mi. Direction North Road Condition Good
3. Mining District & County: Cochise County.
4. Former Name of Mine: Unknown
5. Owner: Tom Ligier  
Address: P.O. Box 41, Dragoon, Ariz
6. Operator: not in operation.  
Address: \_\_\_\_\_
7. Principal Minerals: Lead, Silver.
8. Number of Claims: 1 Lode  Placer \_\_\_\_\_  
Patented \_\_\_\_\_ Unpatented \_\_\_\_\_
9. Type of Surrounding Terrain: Low Foothills. The claim is very accessible.
10. Geology & Mineralization: Vein occurs in marbled limestone. Vein is a dark gray quartz and contains cerussite, anglesite, calcite, specularite, epidote, talc, limonite and other secondary minerals.
11. Dimension & Value of Ore Body: Unknown. Vein broadens greatly just below surface and the footwall and hanging wall have not been reached. Ore comes in pockets and vertical bands or shoots in vein matter. All vein material carries some lead. Some fair gold assays have been gotten.

12. Ore "Blocked Out" or "In Sight":

Considerable shipping ore in sight.

Ore Probable:

Unknown  
Considerable assaying should be done.

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts..... 1	100	good, but partly filled.
Raises..... 1 <del>100</del> → 20	20	good.
Tunnels..... 1	30	
Crosscuts..... none		
Stopes..... none		

14. Water Supply:

none on property. Plenty in canyon one mile away.

15. Brief History:

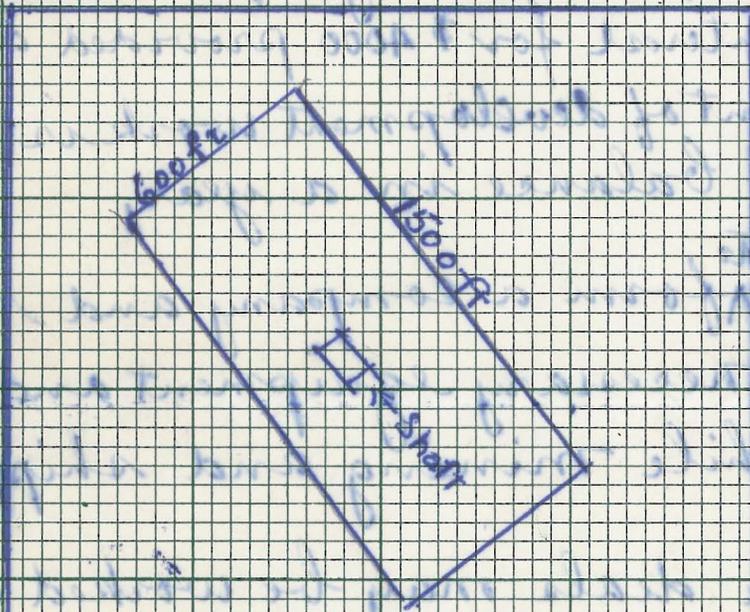
This is an old claim which was probably worked when Tombstone, which is about 20 miles distant, was going big. I have known it for about 40 years but as the vein is so highly stained with limonite and other oxides no one ever suspected it carried lead and when it was operated lead was hardly worth mining. I discovered the lead accidentally while making blowpipe tests for other metals.

16. Signature:

Tam Ligier

17. If Property for Sale, List Approximate Price and Terms:

See miscellaneous.

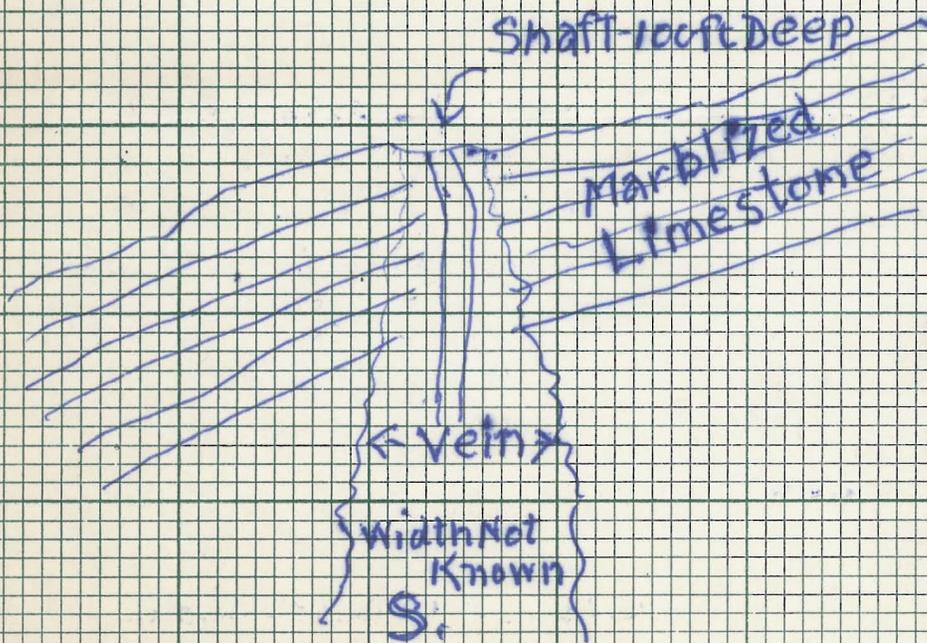


Map

NW 1/4, Sec. 24, T17S, R22E.  
G. + S.R. B.M.

Scale  
Date

N.



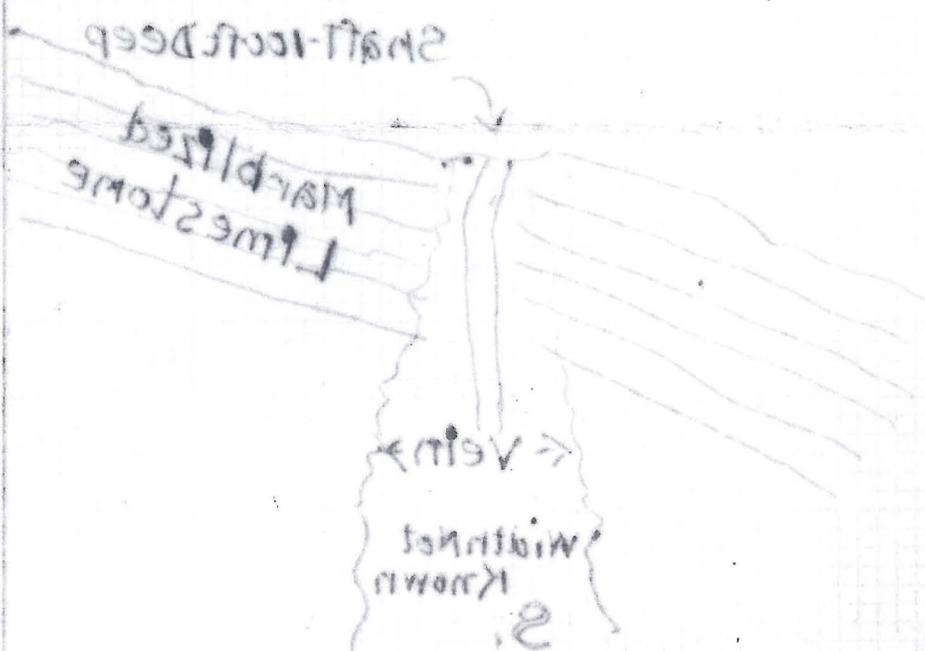
Section  
through Shaft  
Scale  
Date

MISCELLANEOUS

- 1 - I will sell the property outright for \$5,000.
- 2 - I will sell 9/10 interest for \$4000 provided a specified amount of development work is done - \$500. down and balance in a year.
- 3 - I really prefer <sup>to</sup> form a company and raise funds to get necessary equipment and do developing while mining and shipping.
- 4 - Other equitable deals may be worked out if productive.

M.M. Sec. 54, Title 2, R.S.E.  
G. & R. B.M.

Tom Ligier



through shaft