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The following file is part of the Grover Heinrichs Mining Collection

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JONATHAN HAAS

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SM

MAR 22 1974

BOURBON LODE and NORMA LODE

RECEIVED

- Location:** Galisteo Mining District, Santa Fe, New Mexico.
- Patents:** Patents numbers 8069 and 8070 were issued in August 1883 to Mr. Abe Spiegelberg, etal.
- Surveys:** Surveys numbers 223 and 222 were made by Mr. R.A. Varden; Plats were certified by the Surveyor General's Office, Santa Fe, New Mexico, on March 21, 1882.
- Acreage:** 41.32 acres.
- Recording:** Claims were recorded on May 1, 1879, in Book "A" of Mines, pages 419 and 420, at Santa Fe, New Mexico.
- History:** The BOURBON and NORMA mines were worked by the Indians, and then by the Spanish until the water level was reached at about 100 feet, where complex ore set in. Production is unknown, but rumored to have been very high.

The properties were located again by Mr. Abe Spiegelberg, etal, on April 24, 1879, and recorded on May 1, 1879. They were improved and patented in 1882. The mines were worked over the years but production is unknown. In the early 1930s Mr. Abe Spiegelberg described the mines in a letter as follows:

"BOURBON - Shaft about 200 feet deep now. Hanging wall changing from slate to lime. Foot wall continues porphyry ore changed from solid galeña to galeña in white quartz, width of vein between walls 4½ feet, dip of vein continues at 45 degrees. Ore now carries zink also. Ore is now divided in seams but if it were all together which of course it must come to would be about 10 to 12 ... wide and would assay an average about 12 oz. silver and from 30 to 40 percent lead and some zink. Shaft now about half full of water. It is a true fisue vein and crops entire length of 1500 feet and fully that much further on either end north and south.

NORMA - 1 shaft 70 feet and 1 shaft 40 feet. Showing

galena over 40 percent lead and 12 oz. average silver."

The shafts were last entered in 1935.

**Assay:** On September 27, 1950, an assay of dump samples was made by Mr. H.C.Smoot, Chemist and Assayer, Registration number 460, Prescott, Arizona. His assay certificate indicates the following values:

<u>Description</u>	<u>Gold per ton</u>	<u>Silver oz.</u>	<u>Lead %</u>
Surface Ledge 2½ feet Norma	.03	Trace	0.5
Dump Sample from 100 foot Level Shaft	.05	1.2	7.5
Bourbon Ledge 4 feet to 18 inch Ledge	.02	0.6	4.5
Bourbon Cerrillos	.06	3.2	13.6
Norma Cerrillos	.04	9.8	25.9

Qualitative Analysis also showed copper and zink to be present but no quantatative analysis was made for copper or zink.

**Geology:** See Bulletin 48, "Geology of the Cerrillos Area, Santa Fe County, New Mexico" By Alan E. Disbrow and Walter C. Stoll, Geologists, U.S.Geological Survey. 1957. State Bureau of Mines and Mineral Resources, New Mexico Institute of Mining and Technology, Campus Station, Socorro, New Mexico.

**Selling**

**Price:** \$40,000 cash or 10% of gross production.

**Terms:** Submitt on terms for option or purchase based on percentage of production.

**Additional**

**Information:**Contact Jonathan L. Haas, ED THIRKHILL REALTY, 4742

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Telephone 602-264-4933.

All information is from sources deemed reliable; no representation is made as to the accuracy thereof and it is submitted subject to errors, omissions, change of price, terms or other conditions.

R 7 E

R 8 E

35

36

31

32

T 15 N

NORMA

T 15 N

T 14 N

BOURBON

T 14 N

2

1

6

5

Galisteo Creek

State Highway 14  
8

11

12

7

14

13

18

17

CERRILLOS

R 7 E

R 8 E

