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01/09/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: POOLS PROPERTY

ALTERNATE NAMES:

ASH CREEK GOLD MNG. & MLG.

PINAL COUNTY MILS NUMBER: 376B

LOCATION: TOWNSHIP 5 S RANGE 16 E SECTION 3 QUARTER NW  
LATITUDE: N 33DEG 01MIN 22SEC LONGITUDE: W 110DEG 42MIN 15SEC  
TOPO MAP NAME: CHRISTMAS - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD  
COPPER SULFIDE  
LEAD SULFIDE

BIBLIOGRAPHY:

ROSS, CLYDE P., ORE DEPOSITS OF THE SADDLE  
MTN AND BANNER MINING DISTRICTS AZ. USGS  
BULL. 771, 1925, P. 49  
ADMMR LONDON-GILA GROUP FILE-SEE MAP  
ADMMR ASH CREEK GOLD MINING AND MILLING CO.  
FILE  
ADMMR U FILE PINAL AU 8  
UASEC PRELIM RECONN. RPT. 172-488, 1953, P.31

ASH CREEK GOLD MINE & MILLING CO  
(POOLS PROPERTY)

REFERENCES

PINAL COUNTY  
SADDLE MTN. DIST.  
T5S R16E Sec. 3

Pinal County MILS Index #376B

AKA: Pools Property

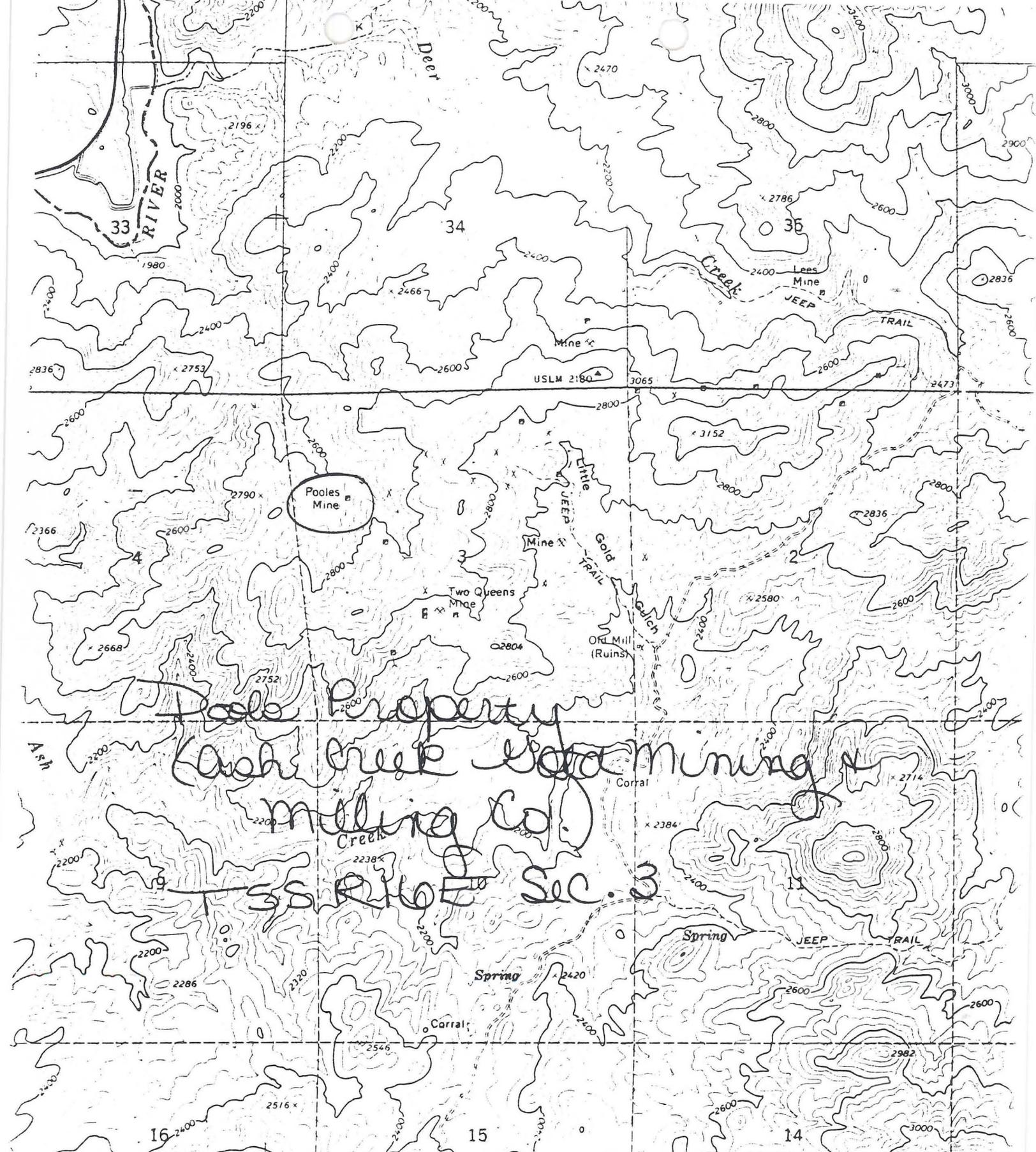
USGS Bull. 771, p. 49

London-Gila Group (file) Pinal - See map

USAEC Prelim Recon Report 172-488, 1953, p. 31

"U" Files

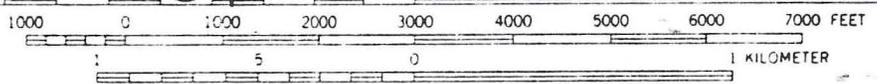
Christmas, AZ 7.5' Topo (included in file)



*Pooles Property*  
*Cash Creek Gold Mining & Milling Co.*  
*TSS R 16 E Sec. 3*

527 42'30" 528 4 MI. TO ARIZ. 77 (SADDLE MTN.) 530

*Christmas, AZ 7.5'*



CONTOUR INTERVAL 40 FEET  
 DOTTED LINES CROSSING RIVERS REPRESENT 20-FOOT CONTOURS  
 DATUM IS MEAN SEA LEVEL

1:32"  
 240 MILS

**An Opportunity for Investors**

**The Ash Creek  
Gold Mining &  
Milling Co.**

**A Gold-Copper  
Property in the  
Mineralized Zone  
of Arizona**

**PINAL COUNTY  
ARIZONA**

**The Ash Creek Gold  
Mining and  
Milling Co.**

**Mammoth, Pinal  
County, Arizona**

Capital Stock - - \$1,000,000  
Shares 1,000,000 par value \$1.00  
Non-Assessable

**OFFICERS**

E. W. CHILDS - - Mammoth, President  
J. H. POOL - - Winkelman, Vice-President  
F. M. POOL - Winkelman, Secretary and Treas.

**DIRECTORS**

J. H. POOL    E. W. CHILDS    F. M. POOL  
P. M. BUTLER, M. D.    JUDGE A. KEGEL

## **The Ash Creek Property**

The Ash Creek property consists of seven claims, or 140 acres of ground, located about four miles east of the town of Winkelman, Arizona, in the Saddle Mountain Mining district, Pinal county. One claim is located on the north bank of the Gila river and is traversed by the Arizona Eastern railroad, which by the favorable configuration of the land will, no doubt, be the site of a railway station in the near future. The other six claims are on the south side of the Gila river and lie about one mile back from the river on a high ridge separating Ash Creek from Sulphur Gulch. They are between 700 and 800 feet higher than the Gila river, a situation that is a guarantee against trouble with water for years to come.

### **GIVES OFF GOLD**

From Sulphur Gulch, considerable placer gold has been taken. Nuggets weighing as much as two ounces have been picked up in the Gulch adjacent to the Ash Creek property. That Sulphur Gulch is fed by a mother lode extending across the Ash Creek mines is the belief of those who have made examination of the conditions. Placer mining is also carried on along the course of Ash Creek, an important tributary of the Gila river.

## WHAT HAS BEEN DONE

The property of the Ash Creek Mining and Milling Company has done about 600 feet of development work in the nature of shafts and adit tunnels. Upon advice of Prof. W. P. Blake, a mining engineer, an adit tunnel was driven eastward on the south vein for a distance of 300 feet. At 60 feet a cross-cut was run to the north vein, which is seven feet in width. An assay from the ore from this vein showed: Gold \$10.10; copper 1½ per cent. There are about 125 tons of ore on the dump, accumulated from driving the tunnel, that average approximately \$10 per ton in gold and 2 per cent. copper. Besides, there are hundreds of tons blocked out in the tunnel that can be saved at very little expense. The ore in these veins lies in lenses, the ore shoot swelling from a few inches to twelve feet in width.

An incline shaft has been sunk on the south vein to a depth of 60 feet and is in ore its entire length. The vein on the surface where the shaft was started, is two feet wide. Surface ore from this vein assayed but \$4.80 in gold. The vein however, widens out as the shaft proceeds, to five feet in width and assays from ore taken from beneath the surface, run as high as \$42 in gold and 13 per cent. copper. Work was discontinued on this shaft on account of the caving-in of the hanging wall and there being no lumber on the ground at the time to timber it up so that the men could work in safety.

A perpendicular shaft was started forty

feet from the south vein, with the view of striking the vein at a depth of 100 feet or thereabout. This shaft has reached the 100-foot level. It is 4 x 6 feet in the clear and timbered all the way down. It will be used as a working shaft in future development. This shaft is equipped with a horse whim, which will be replaced with a gasoline hoist. At 90 feet this shaft encountered the south vein. From this vein two average samples were taken and assayed as follows:

First sample, gold \$16.80; silver, \$1.24; copper, 2 per cent.

Second sample, gold \$20.46; silver, \$1.04; copper 11.6 per cent.

At the depth of 100 feet a cross-cut was run to the north vein, which was found to be five feet wide. Sixty feet of drifting was done on this vein and assays of ore from the drift ran from \$4 in gold and 1½ per cent. in copper to \$42 in gold and 14 per cent. copper. There is on the dump about 150 tons of ore from this 100-foot level, averaging \$9 in gold and 2 per cent. copper. There are other shallow shafts and tunnels on the property yielding pay ore and at the present stage of development 50 tons of ore per mill day could be delivered to a reduction plant.

## PROPOSED DEVELOPMENT

It is the purpose of the company to equip the working shaft with a gasoline hoisting engine, continue the perpendicular shaft to a depth of 500 feet, cross-cutting to the veins at each 100-foot level, and then drifting on the veins. By this means the extent

and character of the ore will be ascertained. The kind of reduction plant adapted to the ore will be known when the 500-foot depth is attained. If the quality of ore continues to improve as it has from the start, it will be premium, that is self-fluxing ore, and the near-by plants will be willing enough to treat it on terms that will make the erection of a plant unnecessary, unless the Ash Creek Gold Mining & Milling Company elects to have its own plant. The Ash Creek ores are a heavy chalcopyrites. The character of the ores and the geological conditions pertaining to this group, gives them an unusually promising outlook and following up the development as outlined will surely put the Ash Creek Gold Mining and Milling property in the list of the heavy producers of the district.

#### **ADVANTAGEOUSLY SITUATED**

The conditions for development and operating on an economic basis are very favorable. Indeed, it would be difficult to find a property more advantageously situated. The most valuable adjunct to any property in Arizona is transportation, and next in importance is the water. In both respects the Ash Creek mining claims are peculiarly favored, and an additional asset is its proximity to a reduction plant at Hayden, Arizona, less than four miles in an air line is located the smelting plant of the American Smelting & Refining Co., which is treating custom ores in addition to treating the entire output of the concentrating mill of the Ray Consolidated Copper Company, located at the same place.

In passing it might be well to mention the fact that this mill of the Ray Consolidated Copper Company is treating 8000 tons of ore per day, which is mined and shipped from their mines located at Ray 22 miles distant.

#### **TRANSPORTATION**

As mentioned before the tracks of the Arizona Eastern railroad traverse one of the claims, the other six claims are only about one and half miles from the rail road, this makes this property admirably situated for the easy and economical transportation of its ores. The ores can be delivered to the smelter at Hayden at a cost not exceeding \$2.00 per ton.

#### **ARIZONA MINERAL BELT**

One of the greatest mineralized zones known to the mining world, extends northwest and southeast through the State of Arizona. This belt, starting with the famous districts of Cananea and Nacozari, just over the border in Old Mexico, passes north into the southeastern corner of Arizona, taking in Bisbee, with its great Copper Queen, Calumet and Arizona, Copper Creek, London-Arizona, Gila Copper Sulphide property, Ray Consolidated, Ray Central, Gila and others and still further north, the well-known large producers of Clifton and Morenci; sweeping toward the northwest, the famous Globe district, with its Old Dominion, United Globe, Miami and others, and still further to the northwest, the great United Verde at Jerome. Not far from half way in this belt, between

Jerome in the northwest and Cananea and Nacozari in the southwest, lies the Ash Creek Mining & Milling Company's property. It is 100 miles, approximately, west of Clifton-Morenci, 80 miles south of Globe, 20 miles east of the Ray Consolidated, Ray Central and Gila mines on Mineral Creek, 35 miles north east of the Copper Creek mines and in the immediate vicinity of the Saddle mountain country in which are located the London-Arizona and Gila Copper Sulphide Company's properties. The closest neighbors to the Ash Creek property are the Gila Copper Sulphide mines, three miles to the north and the London-Arizona, four miles to the north-east, while the mammoth reduction plant of the Ray Consolidated Company and the smelter of the American Smelting and Refining Company at Hayden, four miles west. At the head of the Copper Sulphide Company are such men as Frank Murphy, of the Santa Fe system; and at the head of the London-Arizona, such men as Charles Finney and E. W. Brooks. The Gila Copper Sulphide Company's property was operated by the Saddle Mountain Mining Co. in 1906 and 1907, and at the end of eighteen months, when the slump in copper came in 1907, had turned out \$800,000 in copper matte. It has since been taken over by the Development Company of America and will be reopened on a much larger scale. There is on the property a 200-ton smelter. This property has one of the largest proven bodies of self-fluxing ore in the Arizona mineralized belt.

## GOLD AND COPPER

The immense quantities of copper ore, disseminated and in porphyry dykes, in the Arizona mineral belt has attracted the attention and capital of the copper magnates of the world and Arizona mines are coming to be well-known on Wall street and in Boston. A wonderful mineral wealth is being opened up in Arizona through copper mining exploitation. Copper men, however, mine for copper and little attention has been given to other minerals. Until recently, but little interest has been exhibited in gold values of the Arizona mineral zone, though they are known to exist. At Goldfield, Arizona, over \$650,000 in gold has been taken out, and active preparations are now on to open anew workings at that place.

Gold strikes were made at Ray, 25 miles to the northwest this spring, which has excited the mining world owing to its extensive surface showing and fabulously rich ores. It is predicted that this will be the most important gold discovery ever made in Arizona. Charley Miller and John Nessin opened up a promising ledge of gold-bearing quartz near Troy, fifteen miles to the north-west. For years nuggets have been picked up in the Troy district. Placer gold all along the Gila river and its tributary streams and gulches give evidence of a mother lode running along with the copper values. Mexicans find remunerative wages in panning dirt from the ravines of the Dripping Springs washes, Gold Gulch, and Ash Creek. The Gila river bottoms

between Kelvin and Hayden have been taken up as placer ground.

The Ash Creek property covers a series of gold-bearing veins, traceable by rusty croppings of the surface. They follow the direction of a porphyritic intrusive dyke which traverses an andesitic country rock. This condition, according to Prof. Wm. P. Blake, a mining engineer of national repute, who has made personal examination of the property, carries evidence of deep-seated origin and permanence of the veins and their contents. The mineralized veins occur upon one or both sides of the porphyry dyke, the porphyry forming one wall and andesite the other. The gangue or vein rock is quartz. The veins vary from a few inches to a width of twelve feet. Free coarse gold is found in the rusted or decomposed ore, while in the unchanged sulphide ore which may be expected below water level, the gold is hidden in pyrites, and may be collected with the pyrites by concentration. Tests by crushing and panning the surface ore give evidence of free gold in paying quantities.

### IN MINERALIZED ZONE

E. W. Brooks, consulting engineer for the London-Arizona mines, some time ago rendered a report on that property. The proximity of the London-Arizona to the Ash Creek claims makes Engineer Brooks' report of interest.

Mr. Brooks says: "The London-Arizona lies well within the belt of maximum mineralization known to extend through southeastern Arizona and Sonora, within which

are Cananea, Bisbee, Nacozari, Clifton-Morenci, Globe and further north, United Verde. It thus has the advantage of being situated in a section of proved mineral wealth—proved as no other section of equal size in the United States has been."

### TIME TO TAKE HOLD

In the same belt, in the same formations, and within visual range of the Ash Creek mining claims, are mines on which development work is being actively pushed, and these properties before reaching the producing stage, have actual convertible values that run into the millions. The Ray Consolidated stock, for example, three years before a pound of copper was produced was selling as low as \$7.00 per share, today the stock is selling around \$20.00 and producing about 7,000,000-lbs. of copper per month. There is no question but such stocks as Ray Consolidated, Gila, London-Arizona and others in the vicinity of Ash Creek are staple investments. They have the proven ore in a known mineralized belt. Numbers of people by purchasing these stocks in the early stages of development have made snug fortunes. Purchasers who went in heavy made themselves rich and many who merely took "flyers" in the early life of the mines are now on Easy Street. These stocks now, however, have reached a market value, where a modest outlay will secure but few shares and investors are now looking to the newer, or less developed properties, like the Ash Creek. With its favorable location, with both gold and copper values, with a modest capitalization, and with men

of experience and with reputation in the business world to sustain, at the head, there are good grounds for expecting Ash Creek mining stock to not only go to par, but far beyond as development progresses, just as has been done with the neighboring properties.

### BUSINESS MEN AT HEAD

The Ash Creek Gold Mining & Milling Company was organized with a capital stock of \$1,000,000 divided into shares of \$1 each. The Board of Directors set aside 450,000 as treasury stock, proceeds from which will be applied to the development of the property. The stock is non-assessable.

The incorporators of the Company are F. M. Pool, Joseph H. Pool, E. W. Childs, W. G. Pool and Dr. P. M. Butler. All are business men of repute in the State of Arizona. E. W. Childs is president; J. H. Pool vice-president; F. M. Pool secretary and treasurer. The directors are J. H. Pool, Dr. P. M. Butler, E. W. Childs, F. M. Pool and Judge A. Kegel.

E. W. Childs, president, is a well-known business man of Mammoth, Arizona, where he has conducted a mercantile business the past 20 years. J. H. Pool, vice-president, has been a resident of Arizona 32 years and is now engaged in business at Winkelman; he has been participating in the mining business more than 20 years. F. M. Pool, secretary and treasurer, is the manager of the Kelvin Lumber & Supply Co.; he has been a resident of the State the past 32 years and interested in mines for 20 years. Judge August Kegel, one of the

directors, has lived at Mammoth 14 years; he also has been successfully engaged in mining business for the past nine years. Dr. P. M. Butler, another director, is a practicing physician at Mammoth, Arizona, having come to that town 10 year ago from Atlanta, Georgia.

For further information concerning the Ash Creek Gold Mining & Milling Company's property, address:

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