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05/15/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SO AND SO CLAIMS

ALTERNATE NAMES:

LOST MINE GROUP  
EXTENSION CLAIMS

GILA COUNTY MILS NUMBER: 50

LOCATION: TOWNSHIP 2 S RANGE 15 E SECTION 9 QTR. C  
LATITUDE: N 33DEG 16MIN 16SEC LONGITUDE: W 110DEG 49MIN 17SEC

TOPO MAP NAME: PINAL PEAK - 7.5 MIN

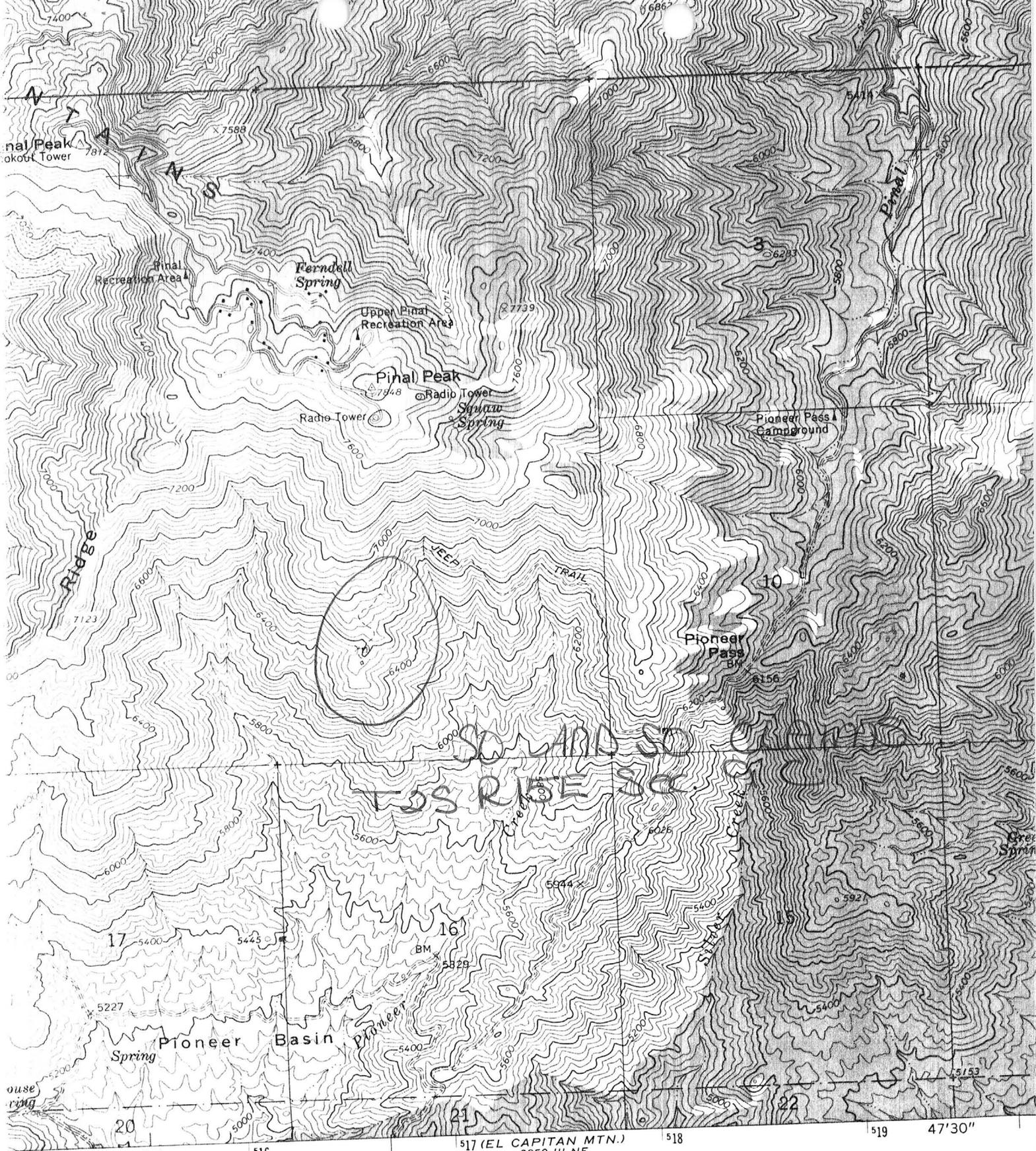
CURRENT STATUS: EXP PROSPECT

COMMODITY:

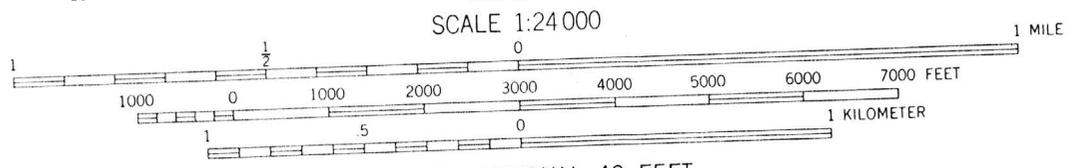
GOLD-PRIMARY  
COPPER-COPRODUCT  
SILVER-BYPRODUCT  
LEAD-BYPRODUCT  
ZINC-BYPRODUCT

BIBLIOGRAPHY:

ADMMR SO AND SO CLAIMS FILE  
CLAIMS EXTEND INTO SEC 8



14°  
249 MILS



CONTOUR INTERVAL 40 FEET  
DATUM IS MEAN SEA LEVEL

Pinal Peak 7.5'

SO & SO CLAIMS and EXTENSION CLAIMS  
(Groups not contiguous)

GILA COUNTY  
PINAL MTN. DIST.

Mr. Platt visited office April 22, 1965, and said that this property is now called EXTENSION GROUP. Mr. Platt has leased this property.

Conference with August Kaempf at Superior 6/16/65

According to Kaempf an R.F.C. loan was made to W. L. Black, Globe, who owned the claims in 1946. Of this \$2065.36 is due on the principal and \$1448.62 has accrued in interest since then (RFC ND-6121). The claims are in Secs. 8, 9, T2S R15E, but mainly in Section 9. The claims are laid out in two groups of 5 claims each. Extension 1-2, 4-6 and the So & So 1-4, the latter being on the south. The claims trend N72-73 degrees E in the long dimension.

Kaempf has made an agreement with the Forest Service whereby they will make a formal permit for his mine road in return for a permit to cross his Extension claims with a new road. The mine road terminates on the west end of the Extension group. From this point the Forest Service plans to build this extension up to their tower and micro wave station and other facilities. They in turn will widen and drain the 1½ mile mine road and periodically help to maintain it. It appears that this is the only equitable approach to the towers. This road is steep and can be covered only by jeep, or 4 wheel drive pick-ups. The road generally follows a northwestern direction from the Pioneer Pass Road.

According to old records, W. L. Black located the So & So claims about 1939-40 and the Extension group in 1946.

Memo LAS 6/16/65

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KAP WR 6/19/81: Production data for the Extension Mine, (believed to be in the Pinal Mountains District, Gila County) was provided. The mine is reported to have shipped 88 tons of ore in 1961. The shipment contained 200 pounds of copper, 43 troy ounces of silver, 29 troy ounces of gold, 600 pounds of lead and 4700 pounds of zinc.

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SO & SO CLAIMS

GILA COUNTY  
PINAL MTN DIST.

Conference with August Kaempf in Superior, 2/16/66 and with Albert Mackenzie his attorney in Phoenix 2/17/66.

The RFC had made a loan before August Kaempf's acquisition of the property, <sup>so</sup> the Government has dropped its lein on the property (about \$2,000 of the lein had not been satisfied). However, a quit-claim deed is required from the owner, who, meanwhile had optioned the claims to a third party. The third party had failed to meet option requirements and won't withdraw. This must be resolved in the courts.

LAS Memo 2/17/66 \_\_\_\_\_

August Kaempf reported no further development at his So and So Claims, Pinal Peak Area, other than assessment work.

LAS Superior Conf. 2/23/67 \_\_\_\_\_

Mr. August Kaempf reported that he had done his annual assessment work at the So & So Claims, Pinal Mountain District. He has had no further feelers.

LAS Conf. Superior 6/21/67 \_\_\_\_\_

Mr. August Kaempf reported that he has maintained his assessment work by working on the road to his property, but has done no work on the claims themselves. He hopes he has a deal pending with Mineral Harvesters. He showed me a letter ~~Mr.~~ Mr. Don E. Coombes stating that Mr. Coombes and a geologist were to visit the property on Sunday, October 22nd.

Robt. F. Playter, Engr. Superior Conference.  
\_\_\_\_\_

See: Eagle-Picher Conf. Files "S"

SO & SO CLAIMS and EXTENSION CLAIMS  
(Groups not contiguous)

PINAL MTN DIST.  
GILA COUNTY

Conference with August Kaempf at Superior, 6/16/65

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MEMO LAS 6/16/65

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Conference with Tom Platt of Mesa, 8-18-65

Platt brought in a copy of the original loan agreement by RFC with W.L. Black of Globe, concluded 4-3-46 with W.B. Gohring as RFC's engineer. Platt also had a letter from the Small Business Administration (which succeeded RFC) that stated that Black had returned \$1,926.64 that had been allowed for equipment which he did not purchase (March 22, 1948). The remaining principal, according to Platt, was not remitted although some ore was produced and shipped to the smelter. (The total loan was \$4,000.) This outstanding indebtedness has held investors off, so that the property has been idle for several years.

MEMO LAS 8-18-65

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Kaempf said he had been delayed in his So & So Claims deal with Tom Platt, et al, but it looked like he might make it now. He has cleared all the obstacles. He agreed with the Forest Service to permit them to build a road across his claims in order to reach their tower and a micro-wave TV tower. However, they probably will not have the money until 1966.

Conference LAS (Superior) 10/20/65

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-1966 Mackenzie C. T  
→ 1/2 of 1/2 of 1/2  
R.R.C. by 6000 + 1.00  
→ 3,600, 1.00  
lp / Challinor 5-23-67

So x So Claims

SMALL BUSINESS ADMINISTRATION  
WASHINGTON 25, D.C.

April 27, 1965

Mr. Tom Platt  
3735 West Belleview  
AP-8-4095  
Phoenix, Arizona

Dear Mr. Black:

Re: W. L. Black  
Globe, Arizona  
RFC Loan No. ND-6121

In reply to your letter dated April 20, 1965, relative to the subject loan, we advise that there is a principal balance of \$2,065.36 due on the loan and unpaid interest thereon to this date aggregates \$1,448.62. The daily interest accrual is \$.22948. The loan is secured by a lien on all minerals in place and severed and on the proceeds of sale thereof, in mining claims known as, "So and So, Nos. 1, 2 and 3 in Old Pioneer Mining District, Gila County, Arizona . . ."

We will execute a release of the lien upon payment of the loan in full.

There is some information in the former RFC files pertaining to the mines; however, since that information was furnished by the borrower at his expense, in confidence, we cannot release any of it without his written consent.

Very truly yours,



W. A. Chadwell, Director  
Office of Loan Administration

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SO & SO CLAIMS

GILA COUNTY  
PINAL MOUNTAIN DIST.

Mr. Kaempf stated that he had repaired the access road, but had done little otherwise. He took two samples (50 lbs.) to B.S. & K., who tested them. He said that one was of better ore and the other was of average ore. The tests showed that the ore treated satisfactorily, but that he could not ship the ore there for beneficiation due to the 150 mile haul. The ore carries zinc, lead and some gold and silver. The average ore sample represents what Kaempf considers to be a considerable potential tonnage, that has not as yet been adequately developed. Mr. Kaempf would sell or lease the property, since he cannot finance it by himself.

Memo - LAS - 3-25-64 - conference with August Kaempf, owner

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August Kaempf was present at Conference and stated that he was planning to repair his road to the So & So Claims on Pinal Mtn. He is at present, looking after DeVaux interests at the Reymert in Mr. DeVaux absence.

LAS CONFERENCE AT SUPERIOR 6/24/64

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Conference with August Kaempf Superior 10/21/64

Mr. Kaempf said that A. R. Buell of Aguila, Box 121, had examined his property and had taken 4 general samples from workings on the property these ran:

	Au. Oz	A g Oz.	Cu %	Pb%
No. 1	1.42	0.40	0.30	2.70
No. 2	1.35	1.60	0.15	3.30
No. 3	0.70	2.10	1.20	9.10
No.4	0.40	2.20	0.10	21.20

Buell was active during the Manganese Programs, in the Big Horn District, (Black Rock, 1951-1955) This was later worked by Mohave M & M Co.

Kaempf said Walker, Phelps Dodge geologist, plans to visit the property, when he returns from Washington.

LAS 10/21/64

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Mr. Tom Platt, 3735 W. Belleview, Phoenix, visited the office and said he was leasing this property. April 22, 1965.

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SO & SO CLAIMS

GILA COUNTY  
PINAL MOUNTAIN DIST.

KAEMPF HAD A CONFERENCE WITH BERT REED, OF INSPIRATION COPPER COMPANY, AND BERT STATED THAT THEY WOULD HAVE A LOOK AT THE SO & SO CLAIMS IN MARCH, AFTER THEY HAD COMPLETED THE STUDY OF AN AREA IN NEW MEXICO. MEANWHILE KAEMPF SAMPLED A DUMP AND THIS SHOWED \$18 IN COPPER AND GOLD PER TON AND ALSO RAN 62-65 PERCENT IN SILICA. THE DUMP IS ESTIMATED TO CONTAIN ABOUT 300 TONS.

INTERVIEW WITH AUGUST KAEMPF, SUPERIOR 2-26-63

MEMO - LEWIS A. SMITH

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Interviews with August Kaempf and Bert Reed (Inspiration Copper)

Inspiration geologists examined the property and adjudged it as a good small mine with narrow but strong mineralization in lead and gold. The silver content of the galena was not high. Reed said that it should be drilled in depth to see if certain copper indications materialize. It is too small for them. Kaempf said they will send him a copy of their report and that we could copy it. Reed was particularly interested in the possible gold development, in depth. The veins, while narrow are persistent.

MEMO LEWIS A SMITH 4-3-63

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Conference with August Kaempf, Magma Hotel

Mr. Kaempf had received a letter from Inspiration Copper Co. who recently examined his claims, they stated that the showings, while good for small operations were not sufficiently large for their purposes. They sent the results of two samples:-

	(a)	(b)	(a)	(b)
oz. silver	0.120	1.04	Zinc %	3.6 2.6
oz. Gold	0.18	0.36	Copper %	0.06 0.18
Lead %	0.30	13.0		

- (a) 40 feet from upper adit portal in a wedge of mineralized material (mainly sulphides)
- (b) Grab sample from an ore pile in a small stope in the upper tunnel.

MEMO LEWIS A. SMITH 6/19/63

*Reed mining*

*Apr 1965*

<sup>Ashley ?</sup>  
SO & SO CLAIMS (Leach-Ashby originally)

PINAL MOUNTAIN DIST.  
GILA COUNTY

Interview with Woodrow Simmons of Miami Copper Co., and Bert Reed, Inspiration Copper Co.

Location: S 8, T. 2 S., R. 15 E. (south slope of Pinal Mountain)

Both men had examined the <sup>Ashley</sup> Ashby or So & So claims in the past. The reports were generally in agreement.

The main vein strikes N 40° E in the first 45 feet of exposure and then turns to N 85° E. It dips 37 degrees N. The gangue is quartz and samples across 3 feet ran about 10 percent lead, 0.50 ounces gold and <sup>several</sup> ounces silver per ton. The vein pinches and swells and has been intermittently traced for 1200 feet. The country rock is granitic. Some places copper mineralization is present, but little is known about its extent.

The mine is developed by a 100 foot drift adit in which the vein is present throughout the entire distance.

Both men said that it was a good prospect for a small mine, but that it was of little interest to their companies.

<sup>h. s.</sup>  
These claims were once owned by W.S. Black of Globe.

MEMO - LAS - 11-29-62

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine So and So Claims Date 11-21-62  
District Pinal Mountain Dist. (Pioneer Dist.) Engineer Lewis A. Smith  
Gila County  
Subject:

Interview with August Kaempf, at Superior.

Mr. Kaempf said that he had uncovered several outcrops of granitic rock in an area that is 1500, or more, feet long and several hundred feet wide. Much of this area is covered by a mantle of soil and detritus up to several feet thick. The samples he showed looked somewhat like a granite porphyry but were severely altered. The rock is cut by quartz veins which contain auriferous and cupriferous pyrite as veinlets, granular blebs, or disseminated grains and crystals. According to Kaempf's samples, this material runs 0.65 percent copper, 5.7 percent lead, 0.45 ounces of gold and 2.2 ounces of silver per ton. The galena is mainly in pods, or is finely disseminated. No notable zinc values have been found. Iron oxides, derived from pyrite, or copper sulphides, are prevalent in the rock and quartz, near or at the surface. Material from an adit which lies under one outcrop, <sup>and</sup> reaches about 50 feet below the surface, shows much less oxidation, and more chalcopyrite and clean pyrite. Here the galena is fresh, but coated by a sooty black material which may be either chalcocite or argentite, or both. The galena in such cases shows good silver values. Silver is not generally present in rich amounts, but it nevertheless runs enough to be valuable as a bi-product. A general sample, taken from several outcrops assayed 0.65 percent copper, 5.7 percent lead, 2.2 ounces silver and 0.45 ounces gold per ton. The sample also showed 0.022 percent of molybdenum. This molybdenum grade is similar to that found in several disseminated copper deposits in the southwest, notably those at Morenci, Pima and Mission.

A new cut on the lead-silver vein disclosed 1-2 feet of "steel" galena, which is argentiferous and which is locally affiliated with some light-yellow sphalerite. Samples of this ran up to 45 percent lead and up to 25 ounces of silver. Mr. Kaempf feels that this would be mineable if kept clean. However, the chances of dilution are strong.

Mr. Kaempf wishes to lease or sell the claims. He will sell for a small down payment and will lease for a 10 percent royalty.

# SHATTUCK DENN MINING CORPORATION

and

## SUBSIDIARIES

Engineering/Geology.....Office

Date..... June 26, 1962.....

TO: D. M. Kentro

SUBJECT: Extension and So &amp; So claim groups near Globe, Arizona-- Tom Byrant (deceased) property now under promotion by D. W. Jackson of Phoenix, Arizona

Summary

The Extension and So & So groups, reported to have "two 12 foot veins of ore" consists of a weak to moderately mineralized fault on each group averaging about 2 feet in width. Visible ore minerals (galena, sphalerite, and chalcopryrite) occur as pods scattered within the fault gouge--assay returns indicate gold is also present. An average of four cut samples is posted below:

<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>	<u>Cu</u>
0.21	0.07	1.71	2.26	0.30

The assay data and average width of the veins indicate them to be non-economic.

General

On June 19, 1962, the Extension and So & So Groups of claims (5 contiguous, unpatented claims in each group) were examined. This property is in the Pinal Mountains about 15 miles from Globe, Arizona. To reach the property take Ice House Canyon Road 10.5 miles--turn right and travel approximately 3.0 miles.

Messrs. D. W. Jackson (#4, 850 W. Osborn Road, Phoenix, Arizona), Emyl Cody (2112 W. Adams, Phoenix, Arizona), and August Kempf (Magma Hotel, Superior, Arizona) accompanied me during the examination.

Extension Group

The major part of the examining time was spent in two adits, one about 70 feet above the other, on the Extension Group. The upper adit is about 100 feet long and the lower adit is about 200 feet long. An inclined shaft about 70 feet deep intersects the upper adit about 50 feet below the surface. The vein strikes northeasterly, parallel with the adits, and varies in dip (35°-70°) to the west. In general, the fault cuts granite-granodiorite, and a basic igneous rock is locally present. Mapping of the rock types was not attempted and their relationship to the fault is unknown. Visual inspection of the vein readily indicates it is not of economic grade in lead and zinc. Sphalerite and galena are the most prominent ore minerals, but are very spotty--locally chalcopryrite is present.

It was pointed out to Jackson, Cody, and Kempf the vein was obviously not economic in lead and zinc--all agreed and countered the vein is rich in gold. Three samples cut from the vein in the upper adit assay as follows:

<u>Sample No.</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>	<u>Cu</u>
# 5701	0.44	0.4	5.7	3.9	0.40
# 5702	0.16	0.0	0.4	1.1	0.18
# 5703	0.12	0.0	1.0	2.8	0.40

A sample cut from the vein in the lower adit assayed:

# 5705	0.46	0.0	1.0	1.0	0.03
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A dump grab sample, lower adit: (actually hand sorted ore)

# 5704	0.56	0.8	12.4	6.3	0.28
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#### So & So Group

The So & So Group is 1,500 feet south of the Extension Group. Development consists of a 75 foot adit and a 150 foot winze--these workings were not entered. Jackson, Cody and Kempf said the same type of mineralization occurs here as on the Extension Group. The rock on the dump and exposed at the portal verifies this statement. Examination of the portal of the adit shows this working to be along a narrow fault. It was agreed that the vein on the So & So claims had to stand on its gold content. Jackson, Cody, and Kempf gathered select pieces of rock from the dump which they considered to be high in gold--the assay is posted below:

# 5706	0.62	2.0	7.3	3.8	0.50
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#### Conclusions and Recommendations

There appears to be little chance of developing ore on either group. The grade of lead, zinc, and copper is not commercial in such narrow veins. Mr. Jackson strongly emphasized this is a gold property--however, the veins do not carry enough gold relative to their widths to make them valuable.

Due to the narrow width of the veins and low grade of the ore therein it is recommended the company show no further interest in this property.

  
 Robert G. Raabe  
 Geologist

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine So & So Claims

Date March 29, 1962

District Pinal Mountain, Gila Co.

Engineer LEWIS A. SMITH

Subject: Supplementary report on production by August Kaempf, owner

The following shipments were made by lessees from the So & So property:

- (1) 16 tons by Emil L. Siedel et al, containing 0.84 oz. gold, 2-6 ounces of silver, 7-9 per cent lead and 0.40 per cent copper.
- (2) Shipments by E.L. Grady et al, 2843 E. 8th St., Tucson.

<u>Tons Ore</u>	<u>Ounces Gold</u>	<u>Ounces Silver</u>	<u>% Lead</u>	<u>% Cu</u>	<u>Zn<sup>?</sup> % An</u>	<u>Date</u>	<u>Smelter</u>
47	0.26	0.40	3.40	0.20	3.9	10/19/61	A.S. & R.
26	0.38	0.60	5.30	0.20	5.0	10/4/61	"
44	0.61	1.60	6.20	0.20	7.1	5/16/61	"
25	0.33	1.03	-	0.20	-	4/17/61	Inspiration
39	0.32	0.90	-	0.26	-	4/14/61	"

Silica ran between 62 and 65 per cent.

Mr. Kaempf felt that dilution was serious in the above shipments

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine So & So Claims & So & So extension Date March 23, 1962  
District Pinal Mountain Dist., Gila Co. Engineer Lewis A. Smith  
Subject: Interview with August Kaempf, Magma Hotel, Superior.

Property: 10 claims in two 5 claim groups.

- (a) 3 claims end to end  
2 claims one both sides of the middle (a) claim
- (b) 3 claims end to end with two joining claims on the side lines of the two southwest claims. These join the center of the So & So claims on the north and west.

Owner: August Kaempf, Magma Hotel, Superior.

Minerals: Copper, gold, lead, silver and zinc.

Work: (1) So & So Claims - 3 tunnels in vertical sequence at intervals of 50 feet. The upper tunnel is 55 feet long, the middle tunnel is 250 feet long, and the bottom one is 60 feet long. A short winze was sunk from the upper tunnel and this was calculated to connect with a raise from a point 200 feet from the portal of the middle tunnel. This connection has not been completed. The outcrop of the ore zone is 1-18 feet wide and was traced for 3000 feet continuously in the center and intermittently for 1000 feet on each end.

(2) The So & So Extension claims were developed by a 200 foot adit, from the end of which a 150 foot winze was sunk, the total depth below the surface being about 200 feet. Short drifts were driven, or begun, from the bottom of the winze.

(3) Several miles of road were constructed from the Pioneer Pass road to the mines.

Geology: The ore zone has diabase on the hangingwall and granitic rock on the foot-wall. The diabase is intrusive as dikes, but does not mineralize. The contact zone, composed of brecciated granite cemented by quartz, epidote and calcite and ore minerals, trends N-NE (about N-S) and dips S-SE but the ore zone rakes E-NE and invariably lies in the contact zone. The ore shoots range from 8 feet wide in the upper tunnel to 10-12 feet wide in the lower tunnel. Most of the shoots are lenticular, pinching and swelling along the contact strike. The granite shows considerable kaolization and sericitization, whereas the diabase is strongly epidotized.

Minerals consist of (a) steel or coarsely crystalline galena in blebs and lenses, The galena is partly oxidized to anglesite and cerussite, (b) Associated with pyrite, bornite, chalcopyrite and gold and silver, and (c) Sphalerite in blebs and pockets and this appears to be separate from a & b. The sphalerite is honey colored and well crystallized.

The road is now blocked with deep snow.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Kaemf-Black Property

Date February 18, 1960

District Pinal Mtns. Dist., Gila Co.

Engineer Lewis A. Smith

Subject: Interview with Aug Kaemf

Property: 5 patented claims in one group and 5 patented claims in another (two end claims of the two groups are contiguous).

Location: 1 mile southeast of the Ferndale Ranger Station. (unsurveyed)

Owners: \ Aug Kaemf, Magma Hotel, Superior  
\ W. L. Black, Globe

The property was reported to have been located originally by Leach and Ashley of Globe.

Work: Three tunnels (on first five claims)

- (1) Upper tunnel is 75' long.
- (2) Middle tunnel is 200' long and 100' below the upper tunnel.
- (3) Lower tunnel is 200' below upper tunnel but this is unaccessible.

200' shaft on one of second five claims. From the bottom there is a 75' drift and a 60' winze. Two shipments were made in 1939-1940, both of which amounted to 30-31 tons. The first assayed 22 ounces silver, 1.55 ounces of gold, 4.37% copper, and 31.2% of lead. The second assayed 1.66 oz. of gold, 3.9 oz. of silver, 15.5 of lead, 0.75% of copper and 22.5% of zinc. The dumps show considerable zinc in places.

The present work consists of the reopening of the lower tunnel.

Geology: According to Kaemf the vein is exposed for over 1000 feet in a NE-SW direction. The dip is about 45° S. The country rock is largely granite. The specimens showed galena, sphalerite, argentite and chalcopyrite. Pyrite was the main accessory. The vein gangue appeared to be quartz and crushed wall rock. The vein is narrow near the surface but widens to 8' in the two upper tunnels. Little is known of the average values over the 8' width. It was suggested that channel samples be taken across the vein at right angles to the dip.

STATE OF ARIZONA  
DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA



Kaempf-Black Property

February 18, 1960

Pinal Mtns. Dist., Gila Co.

Lewis A. Smith

Interview with Aug Kaempf

Property: 5 patented claims in one group and 5 patented claims in another (two end claims of the two groups are contiguous).

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Kaempf Claims

Date February 21, 1962

District Pinal Mountain District, Gila Co.

Engineer Lewis A. Smith

Subject: Interview with August Kaempf.

Claims: 5

Location: 1 mile east of Ferndale Ranger Station (S. 9, T. 1 S., R. 15 E.)

Access: 9 miles south of Globe along the Pioneer Pass road, thence  $1\frac{1}{2}$  miles northwest on a bulldozer road.

Work: 40 foot shaft, 4 location shafts, and a few cuts.

A sample of 18 tons of ore taken from the bottom of the shaft carried 0.35 oz. gold, 0.53 ounces silver, 0.26 per cent copper, 59.2 per cent silica, 7.4 per cent alumina, 5.0 per cent iron, 6.1 per cent sulphur and 1.6 per cent lime. A general sample across the vein showed about \$15.00 in gold, silver and copper, but showed 69 per cent silica and 1 to 7 per cent alumina. The mine is snowed in at present.  $1\frac{1}{2}$  miles of road were built into the claims after the location of the road had been approved by the Forest Service. Mr. Kaempf plans to add more road to some adjoining claims (which he has an option on) as soon as the snow clears.

Geology: The vein is in a shear type fault cutting Pinal schist which was intruded by granite. The vein trends NE-SW and is nearly vertical.

FRE

COPY

SUPERVISING ENGINEER SEND  
TO FEDERAL RESERVE BANK  
BORROWER SEND TO SUPERVISING ENGINEER

BORROWER'S AGREEMENT

In consideration of the loan to undersigned by Reconstruction Finance Corporation (RFC) of \$4,000 to further develop by winze sinking and drifting, certain mining claims known as So and So, Nos. 1, 2 and 3 in Old Pioneer Mining District, Gila County, Arizona, undersigned agrees that the net proceeds of operation of said claims over operating costs and proceeds from sale of equipment acquired with loan or operation funds, shall be applied to repayment, at the written direction of the Chief, Self-Liquidating Division of RFC (Division Chief), until the said sum is repaid to RFC at the Los Angeles Branch of the Federal Reserve Bank of San Francisco, with interest at 4% per annum, payable semiannually on January 1 and July 1. To assure that the loan will not be used for any other purpose, undersigned agrees that it shall be deposited in Valley National Bank of Phoenix, Depository, in a special account designated "W. L. Black-RFC Account", subject to withdrawals by undersigned only in accordance with written requests of undersigned, approved by RFC Supervising Engineer and filed with the Depository, itemizing purposes and amounts currently required. As security for net proceeds and for application to repayment, undersigned grants and conveys to RFC a lien on said equipment and on his interest in the minerals in place and severed, and on the proceeds of sale thereof, and agrees (1) that all such proceeds shall be paid into the said Account, subject to like withdrawal and application, (2) that insofar as Division Chief deems essential to such security, RFC may inspect and supervise, and may conduct operations, directly or by contract, with use of all equipment, and (3) that undersigned will give further assurances upon request, including specific chattel mortgages on equipment so acquired, and will comply with all applicable federal laws, rules and regulations relating to employment of labor. Undersigned does not undertake to repay in any other manner, but withdrawals may be suspended by written notice to the Depository by the Supervising Engineer or by Division Chief, and the whole or any part of the amount in said Account may be applied to repayment, at the written direction of Division Chief, at any time Division Chief is of opinion that such part or whole is not required for the purposes of the loan, or that further expenditure will not accomplish the purposes of the loan nor result in net proceeds, and the Division Chief may thereupon require undersigned to turn over to RFC all equipment purchased with loan or operation funds.

Dated this 3rd day of April, 1946.

W. L. Black  
 W. L. Black  
 P. O. Box 1028, Globe, Arizona

APPROVED BY W. B. Gohring Supervising Engineer  
 W. B. Gohring  
 325 Heard Building  
 Phoenix, Arizona

Specimen signature of Supervising Engineer: W. B. Gohring  
 Certified By: Morton Macartney  
 MORTON MACARTNEY  
 Chief, Self-Liquidating Division

1947

DEPARTMENT OF MINERAL RESOURCES

TO ALL PRODUCERS OF COPPER, LEAD and ZINC IN ARIZONA:

This department and others are making strenuous efforts to bring about legislation which will help ameliorate the restrictions and difficulties faced by the producers of copper, lead and zinc, and other strategic minerals.

To assist in these efforts it is advisable that we have an authentic survey of the results of the President's veto of the Allen Bill, and the results that would take place if a new bill, such as the Russell Bill, were passed by Congress. The Russell Bill includes all strategic minerals.

While we have all learned to love questionnaires just as we love stomach ulcers, will you please give the answers in your best judgment to the following questions:

1. What was your approximate production in pounds per month for the period preceding the President's veto of the Allen Bill?

*First 3 Months of 1947*  
 (Copper 1388 Lbs.) (Lead 9214 Lbs.) (Zinc no pay Lbs.)

2. What has been your average production per month since that veto has affected your price?

*next 6 months of 1947*  
 (Copper \_\_\_\_\_ Lbs.) (Lead 7802 Lbs.) (Zinc no pay Lbs.)  
*no pay on the shipment, premium vetoed so soon*

3. What is your estimate of your production per month for the first few months of 1948 if prices remain as they are now and no premiums are in effect?

(Copper no Lbs.) (Lead no Lbs.) (Zinc no Lbs.)

4. What is your estimate of production per month if some incentive plan such as the Russell Bill were in effect?

(Copper \_\_\_\_\_ Lbs.) (Lead \_\_\_\_\_ Lbs.) (Zinc \_\_\_\_\_ Lbs.)

5. General remarks:

*if the Russell Bill is passed I will resume work but you say what the production will be per month*

An addressed envelope is enclosed for your convenience, but you will have to help with the stamp.

Yours very truly,

*Chas H Dunning*

Chas. H. Dunning  
 Director

Date: \_\_\_\_\_

Name of Mine Globe

Location Globe Ariz

Operator W. L. Black

Address Box 1028, Globe Ariz

Metals Produced Gold Lead & Copper

Developing  Shipping

Financing  Planning Operations Soon

Idle

NAME OF MINE: SO & SO COUNTY: Gila  
 OWNER: DISTRICT: \_\_\_\_\_  
 METALS: Pb, Zn

OPERATOR AND ADDRESS		MINE STATUS	
Date:		Date:	
5/45	W. L. Black, Box 1028, Globe	5/45	Developing
		4/47	Shipping
5 claims unpat. Sec. 20 T2 S.R. 15E			

ARIZONA DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA

April 2, 1958

To the Owner or Operator of the Arizona Mining Property named below:

*Called Extension near S<sub>0</sub> + S<sub>0</sub>*

Lost Mine  
(Property)

Gold, Copper & Silver  
(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

*Owner -*

*4-65*

*August Kammoff*

*Magma Hotel  
Superior*

*Frank P. Knight*

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report

*Lined to  
Tom Platt  
3735 W Bellevue  
Phoenix*

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

ML-29

Date 1938

and present.

1. Mine Lost Mine
2. Mining District & County Globe-Miami District  
Gila County
3. Former name
4. Location
5. Owner W. B. Ashby  
2 claims Leach Ashby ?
6. Address (Owner) Box 161, Globe, Ariz.
7. Operator
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Gold, Silver, Copper
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present
19. Operations Planned Drifting.
20. Number Claims, Title, etc. Six location, I own two, Partner.
21. Description: Topography & Geography
22. Mine Workings: Amt. & Condition Location and assessment work only.  
Lots of still timber.



DEPARTMENT OF MINERAL RESOURCES  
State of Arizona  
MINE OWNER'S REPORT

OK  
B A

DEPT. MINERAL RESOURCES  
RECEIVED  
1. MINE: LOST MINE  
PHOENIX  
2. LOCATION: Sec. 10 N 1/4

Date 8-27-46

2. Location: Sec. 10 N 1/4 Twp. Range Nearest Town Globe

Distance 15 miles Direction South Road Condition 3500 New

3. Mining District & County: Globe Ariz

4. Former Name of Mine:

5. Owner: W. B. ASHBY

Address: Box 161 Globe Ariz

6. Operator:

Address:

7. Principal Minerals: Gold Copper & Silver

8. Number of Claims: 7 Lode yls Placer

Patented Unpatented yls

9. Type of Surrounding Terrain: High hills and canyons

10. Geology & Mineralization:

11. Dimension & Value of Ore Body:

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

Ore Probable:  
.....  
.....

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts.....		<i>Needs Finance</i>
Raises.....		
Tunnels <i>2</i>	<i>70 and 120</i>	
Crosscuts.....		
Stopes.....		

14. Water Supply: *to camp and drilling*

15. Brief History: *undeveloped*

16. Signature: *W. B. Ashley*

17. If Property for Sale, List Approximate Price and Terms: *15000<sup>00</sup> cash*

ML-29

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date 1938  
and present.

- 1. Mine Lost Mine
- 2. Mining District & County Globe-Miami Dist.  
Gila County
- 3. Former name
- 5. Owner W. B. Ashby ✓  
2 claims Leach Ashby ?
- 7. Operator
- 9. President
- 11. Mine Supt.
- 13. Principal Metals Gold, Silver, Copper ✓ ✓ ✓
- 15. Production Rate
- 17. Power: Amt. & Type
- 18. Operations: Present
- 4. Location
- 6. Address (Owner) Box 161, Globe, Ariz.
- 8. Address (Operator)
- 10. Gen. Mgr.
- 12. Mill Supt.
- 14. Men Employed
- 16. Mill: Type & Cap.

19. Operations Planned Drifting

20. Number Claims, Title, etc. Six Location, I own two, Partner

21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition Location and assessment work only.  
Lots of still timber.

23. Geology & Mineralization

24. Ore: Positive & Probable, Ore Dumps, Tailings Unknown

24-A Vein Width, Length, Value, etc.

25. Mine, Mill Equipment & Flow Sheet

26. Road Conditions, Route Via. Sulphide, Del Ray, Big Pinal Mts. 3000 feet new road to west end about 5000 feet old road. Good shape. Climb out is all to east end. Road good. Mountain road, 3000 ft. to camp. Road passable about 1/2 of winter, closed 2 months.

27. Water Supply Camp only. No snow

28. Brief History

29. Special Problems, Reports Filed 2 smelters, 20 and 30 miles. My assays show good. needs working on some. No reports of any. Understand me and W. L. Black only owners. Striped payable from Big Pinal. Big Pinal needs money in several places the Gold Heel and a new field. I've put in 10 years on some.

30. Remarks If you wish to know of me see Globe Hardware.

31. If property for sale: Price, terms and address to negotiate. 6 claims \$20,000  
2 Claims \$10,000  
Some down, rest in payments. Must do work.

32. Signed.....W. B. Ashby.....  
P. O. Box 161

33. Use additional sheets if necessary. Globe, Arizona.

SO & SO MINE

W. L. Black (Docket No. ND-6121)  
P. O. Box 1028  
Globe, Ariz.

2-20-46

Pioneer Mining District

*(Map loaned to Mr. Humphrey  
12-10-46)*

Lorrain  
Please place on  
active mine list.

d/e 1946

# DEPARTMENT OF MINERAL RESOURCES

## REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... April 25th, 1945  
Name of Mine..... So and So Mining Claims  
Owner or Operator..... W. L. Black  
Address..... Box 1028 Globe, Arizona  
Mine Location..... About 1 1/2 miles southwest of Pioneer Pass, Gila Co. Arizona

**Filing Information**  
File System.....  
File No.....  
This chart to be used for gallons of gas-  
oline 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 ..... 50  
Approx. present rate per 3 months ..... 100  
Anticipated rate next 3 months ..... 200  
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	.....	.....	.....
Ore Hauling Trucks	.....	.....	.....
Compressors 1	60	156 hours per Mo.	262 Gals. per Mo.
Other Mine or Mill Eqpt.	.....	.....	.....

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

Lead and Zinc, Ag, Au, Cu

**REMARKS:**

..... This work is being started during the past 7 months and the owner expects to ship carlots during the coming three months.  
.....  
..... Recommended 262 Gals. per month for the purpose as set forth.  
.....

**ARIZONA DEPARTMENT OF MINERAL RESOURCES**

By..... *R. MacFarlane*

SO & SO CLAIMS (Leach-Ashby originally)

PINAL MOUNTAIN DIST.  
GILA COUNTY

Interview with Woodrow Simmons of Miami Copper Co., and Bert Reed, Inspiration Copper Co.

Location: S 8, T. 2 S., R. 15 E. (south slope of Pinal Mountain)

Both men had examined the Ashby or So & So claims in the past. The reports were generally in agreement.

The main vein strikes N 40° E in the first 45 feet of exposure and then turns to N 85° E. It dips 37 degrees N. The gangue is quartz and samples across 3 feet ran about 10 percent lead, 0.50 ounces gold and ~~several ounces~~ silver per ton. The vein pinches and swells and has been intermittently traced for 1200 feet. The country rock is granitic. Some places copper mineralization is present, but little is known about its extent.

The mine is developed by a 100 foot drift adit in which the vein is present throughout the entire distance.

Both men said that it was a good prospect for a small mine, but that it was of little interest to their companies.

These claims were once owned by W.S. Black of Globe.

MEMO - LAS - 11-29-62

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ML-29

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Lost mine

Date 1938

- 1. Mine *Lost mine*
- 2. Location *and other*
- 3. Mining District & County *Globe Miami*
- 4. Former name *Globe*
- 5. Owner *W. B. ASHBY* ✓
- 6. Address (Owner) *Box 161 Globe*
- 7. Operator *2.6 lanes track Ashby*
- 8. Address (Operator) *A. Hig*
- 9. President, Owning Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals *Gold Silver* ✓
- 15. Production Rate *600 lbs* ✓
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Men Employed
- 18. Operations: Present

19. Operations: Planned  
*Whiptail*

20. Number Claims, Title, etc. *Sit. Location 9 own*  
*Two patents*

21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition. *Location in Ashby*  
*work only*  
*lots of small timber*

23. Geology & Mineralization

*None*

24. Ore: Positive & Probable, Ore Dumps, Tailings

24A. Dimensions and Value of Ore body

*Unknown*

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route

*VIA subgrade well say Big Pinal mt  
3000 Feet new road to west end  
about 5000 feet old road good  
I hope lining out it all to east end*

27. Water Supply

*camp only no snow*

28. Brief History

*Road Good mountain road*

*3000 Feet camp.*

*Road passable about 1/2 of winters. Passable  
closed 2 months*

29. Special Problems, Reports Filed

*2 Smeltlets 20 and 30 miles*

*my Ashby shows good needs work on  
surface. No reports of any. under stand I've  
w & Black only one shipped pay off from  
Big Pinal.*

30. Remarks

*Big Pinal needs money in south  
starts the Gold Hill. and a new field  
I've put in 10 years on same  
If you wish to know of me call Globe Hardware*

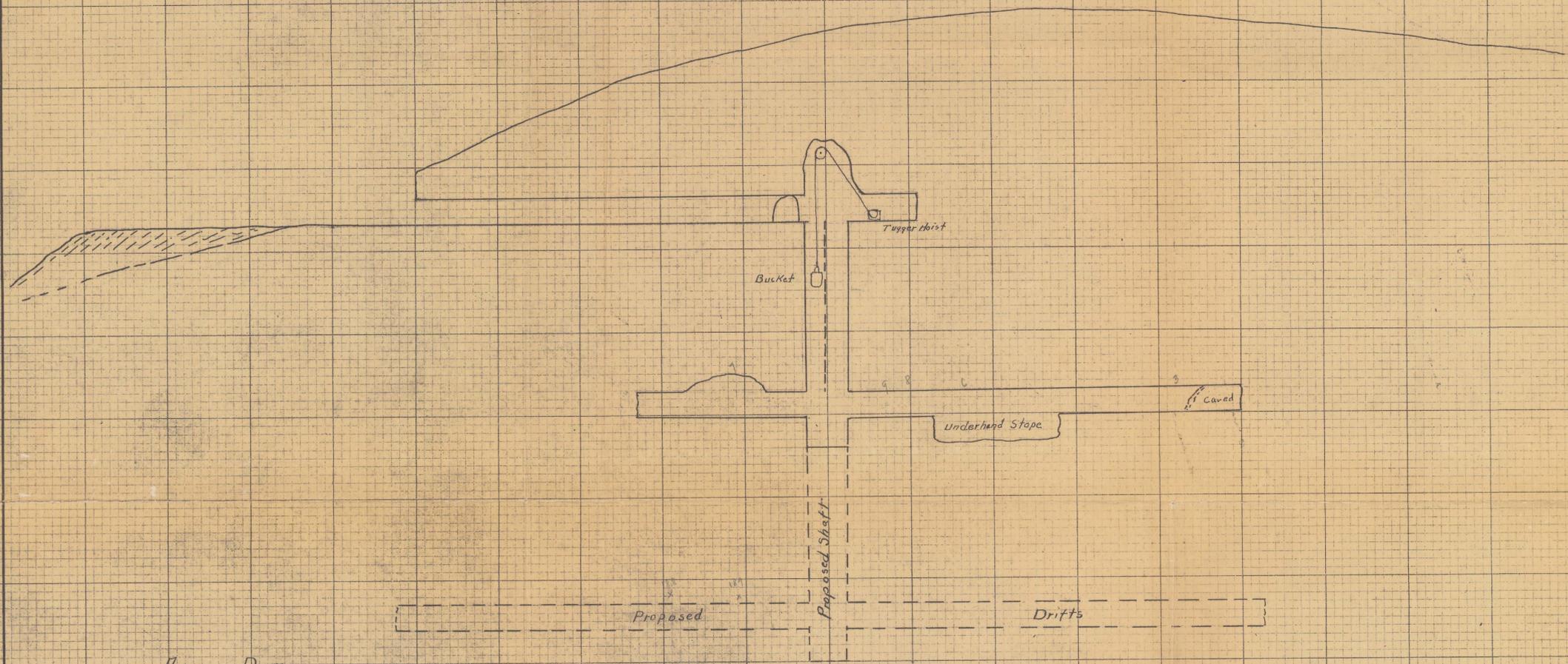
31. If property for sale: Price, terms and address to negotiate.

*to mine & up by  
Sit to launch & twenty thousand dollars  
Two Ten thousand  
Some down here in payments. must do work*

32. Signature W. B. ASHBY

*Box 161*

33. Use additional sheets if necessary.

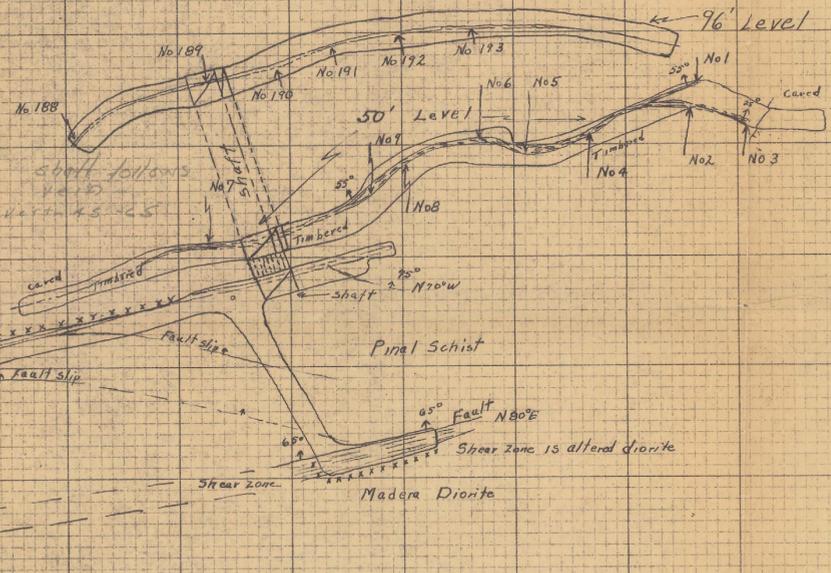


ASSAY DATA

No	Width	Au oz	Ag oz	Cu %	Pb %	Zn %
No 188	5"	1.12	2.10	1.5	2.52	9.50
No 189	9"	1.22	1.80	5.60	5.10	5.35
No 190	5"	0.86	1.20	4.95	3.20	9.20
No 191	12"	0.36	0.90	0.65	1.36	2.90
No 192	10"	0.12	0.30	none	none	1.65
No 193	5"	1.08	1.70	1.10	3.87	none
No 194	Dump	1.82	13.40	1.80	31.90	18.70

Aug 15, 1946

LONGITUDINAL SECTION



ASSAY DATA 50' Level

No	Width	Au oz	Ag oz	Cu %	Pb %	Zn %
1	4.5"	.96	1.80	1.30	21.76	6.65
2	9"	1.09	2.60	1.40	5.51	10.95
3	6"	1.16	3.20	0.80	18.49	9.75
4	16"	0.60	1.20	0.75	1.15	2.35
5	26"	0.88	0.70	0.30	1.02	0.70
6	14"	1.38	4.30	1.50	15.91	8.00
7	8"	1.84	3.80	1.60	11.08	4.05
8	15"	1.02	5.40	1.20	25.03	8.05
9	8"	0.92	10.70	1.25	30.64	14.45

50 and 50' Mine

W. L. BLACK, DOCKET No ND-6121

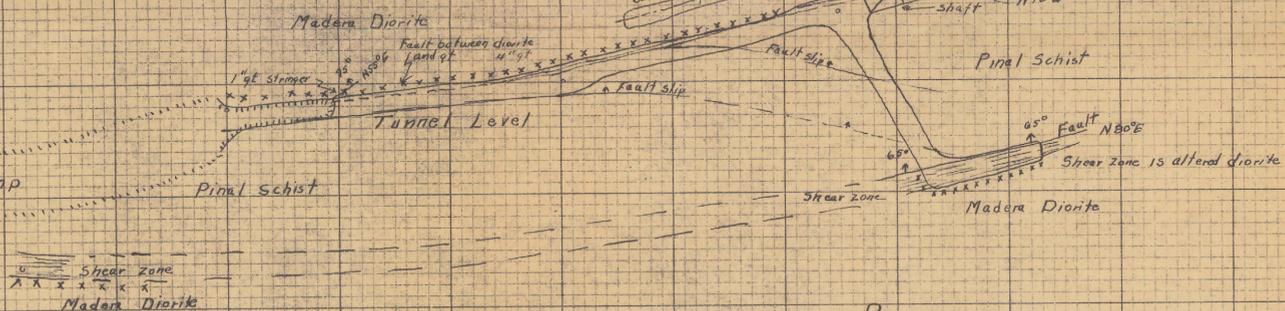
SCALE 1" = 20'

FEBRUARY 20, 1946

Charles A. Pason

August 15 1946

PLAN  
 Scale 1" = 20'



S 20  
 T 23 R 15E  
 5 claims on

Pioneer Mn Dist.  
 16 S Globe  
 S slope Pinal  
 20 - \$25000.00  
 with terms  
 minimum down 4000.00