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10/27/94

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: AJO PEAKS

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 539

LOCATION: TOWNSHIP 12 S RANGE 6 W SECTION 32 QUARTER N2  
LATITUDE: N 32DEG 20MIN 20SEC LONGITUDE: W 112DEG 54MIN 22SEC  
TOPO MAP NAME: AJO - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER OXIDE  
SILVER

BIBLIOGRAPHY:

ADMMR AJO PEAKS FILE  
MINEROLOGY OF AZ. P. 17  
ADMMR "U" FILE CU 49

AJO PEAKS

Pima County  
AJO MINING DISTRICT  
T12S R6W Sec.32

Minerology of Arizona p. 17

USBM File 463.2/14126

Pima County MILS Index #539

Ajo 15' Topo (included in file)



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

~~December 10, 1957~~

January 28, 1958

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

AJO PEAKS  
(Property)

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.

FRANK P. KNIGHT,  
Director.



*Not at  
9:50 PM*

Mr. Percy Jones, Jr.  
1846 Palmcroft Way  
Phoenix, Arizona



Nov. 3, 1943

P. O. Box 188,  
Kingman, Arizona.

Mr. Percy Jones, Jr.,  
1846 Palmcroft Way, NE,  
Phoenix, Arizona.

Dear Mr. Jones:

I received the mine owners report, you mailed me, concerning the Ajo Peaks property, for which I thank you. Today I completed my report concerning this property, and am mailing you a copy herewith for your files, and I hope it will be of some use to you in getting work started on your mine again.

I am today mailing your report to our Phoenix office where it will be kept on file and may be investigated there by anyone who may be interested.

With kind personal regards, I am

Very sincerely yours,

Elgin B. Holt,  
Field Engineer.

cc - J. S. Coupal.

7-16 copy

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

DEPT. MINERAL RESOURCES  
RECEIVED  
NOV 4 1943  
PIMA COUNTY  
ARIZONA

Mine AJO PEAKS Date November 3, 1943  
District Ajo Mining Dist., Pima Co., Ariz. Engineer Elgin B. Holt  
Subject:

R E P O R T

OWNERS: Percy Jones, Jr., and U. Z. Irwin, 1846 Palmcroft Way,  
N. E., Phoenix, Arizona.

METALS: Copper and silver.

LOCATION & AREA:

The property consists of one mining claim, Mineral Survey No. 4022, on which patent was granted in 1927 to the above owners. It is located 5 miles by road southwesterly from the Ajo R. R. station, near the W  $\frac{1}{4}$  corner of Section 32, T12S - R6W, or 3 miles southwesterly from the center of the Cornelia mine pit.

EXAMINATION:

On September 22, 1943, I visited this property in company with Percy Jones, Jr., and made a very brief examination of the same. Hence, at best, this report is merely a rough description of the property.

MINE WORKINGS:

The discovery shaft was sunk on incline of vein to a depth of 8 feet and is partly filled with debris. This shaft shows oxidized copper ore in place in a vein from 2 to 3 feet wide. At a point 40 feet or so westerly from the discovery shaft, a vertical shaft was sunk to vein, or to a depth of 20 feet, and then a combination incline and stope was sunk on vein northwesterly about 25 feet. Jones and I went down into these workings on a ladder; but we could not reach the bottom of the said incline, in which there was 6 feet of water covering the vein. Also piles of waste covered the vein in the small stope above

the water level, so we were unable to cut any samples from the vein at all.

However, Jones stated that in 1925 a lot of 20 tons of clean ore was mined from these workings and piled on the dump, but later on this ore was stolen and no doubt shipped by parties unknown. In order to get a line on the assay value of the 20 tons of ore just mentioned, I took a grab sample from about 300 pounds of this ore left on dump and later on Jones had it assayed in Phoenix by the Arizona Assay Office; results being as follows, to-wit:

<u>Silver</u> <u>ounces - value</u>	<u>Copper</u> <u>percent - value at 17¢</u>	<u>Total Value</u>
18.40     \$13.06	8.30       \$28.22	\$41.22

Jones further stated that the ore vein in the bottom of the incline, now covered with water, is about 2 feet wide; that he had personally inspected the bottom of the said incline several years ago at which time he had determined the width of the vein; and that it was from this vein that the 20 tons of ore referred to were taken out. In character the ore consists of copper carbonates and chalcocite. Deeper in the mine primary chalcopyrite ores should come in. Other workings consist of: a 35-foot shaft in mineralized ground, the collar of which shaft is caved; also a 30-foot shaft in country rock.

GEOLOGY & MINERALIZATION:

I will not attempt to discuss the geology of this area, inasmuch as it is very complicated. Hence, I refer any interested parties to a Mine Owners Report, dated October 20, 1943, by Percy Jones, Jr., which may be found in the files of our Department. To this report Jones attached a portion of the Geological Map of the Ajo District, Bulletin No. 141, Arizona Bureau of Mines.

WORK RECOMMENDED:

In the event work should be resumed at this property, I recommend that the 8-foot discovery shaft be sunk on slope of vein to a depth of 100 feet, where a station should be cut and then drifts run each way on vein in order to determine length of ore shoot. In the event good shipping ore should be found in quantity on this level, which is likely, stoping and shipping of ore could be started. All in all, in case the mine could be put on a paying basis in this manner, the main incline shaft should be sunk to deeper levels on the vein with the end in view of blocking out additional ore reserves of either shipping or milling grade.

CONCLUSION:

While the Ajo Peaks mine is now in the prospect stage, I believe the showing of ore and mineralization to be sufficient to justify the expenditure of capital in carrying out the work outlined above.



Elgin B. Holt,  
Field Engineer.

cc - Percy Jones, Jr.

October 22, 1943

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

1. MINE: The Ajo Peaks Mine.
2. LOCATION: The workings of which are 900 ft. east of the common 1/4 cor. of sections 31 and 32 in Section 32 T 12, S, R 6 W; about 5 miles by road in a southwesterly direction from the Ajo R.R. station and 3 miles 63° W from the center of the New Cornelia Mine pit. (See maps).
3. MINING DISTRICT & COUNTY: In the Ajo Mining District, Pima County, Ariz.
4. FORMER NAME: The property has always been known as the Ajo Peaks.
5. OWNER: It is owned by Percy Jones, Jr. and U. Z. Irwin.
6. ADDRESS: 1846 Palmcroft Way, N.E., Phoenix, Arizona.
7. OPERATOR: And handled by Percy Jones, Jr. without formal organization.
8. MEN EMPLOYED: There are no employees or present operations.
9. PRINCIPAL MINERALS: The principal valuable minerals are copper and silver.
10. PRODUCTION: There is no production rate, mill or power.
11. PRESENT OPERATIONS: None.
12. PLANNED OPERATIONS: Just now it is planned or should be planned to expose the high grade vein (see map #2) in a southwesterly direction from the discovery shaft for as far as is practicable until overcome by overburden, probably 50 ft., possibly 100 ft.; at a point where it will pass to the west of shaft No. 2, or where the exposed vein looks best, to sink, on the vein, an incline for as far as the ore recovered continues to defray the expense of sinking. Eventually if sufficient depth is attained and the ore recovered continues to support the operation to drift on the vein where it is most encouraging. Particularly toward the northeast to come to the contact between the richer vein and the apparent strata of schistose diabase, mineralized at shaft No. 3. To block out shipping ore and continue accordingly.
13. NUMBER CLAIMS, TITLE, ETC.: The property now consists of one patented claim, the Ajo Peaks No. 1 Mineral Survey No. 4022. Patent granted to Percy Jones, Jr. and U. Z. Irwin in 1927.
14. DESCRIPTION - TOPOGRAPHY & GEOGRAPHY: The Ajo Peaks No. 1 claim occupies the lowest ground between the Ajo Peaks. It is on the eastern slope of a long ridge like hill that has a trend parallel to the side lines of the claim (N 16°38'W).

A wash that drains, toward the southwest, the basin formed by the Ajo Peaks and the low divide joining them passes through the southern 1/4 of the claim, leaving it wear the southwest corner in the form of a canyon. That is the head of the Chico Shunie wash. To the south of that wash the ground rises sharply toward the south Ajo Peak. To the north of the wash it rises gently toward low divide

connecting the long hill to the west with the north Ajo Peak.

A small wash, draining the northern  $7/8$  of the claim and some more slope to the west and north runs south down the center line to join the Chico Shunie Wash about 300 feet northerly from the south end center. It was erosion to this smaller wash that exposed the vein at the discovery shaft (No. 1) and the copper stained schistose diabase at shaft No. 3. The collar of shaft No. 3 is probably 10 ft. vertically above the junction of the washes. That shaft is on the east bank of the small centrally located wash. The discovery and shaft No. 2 are 20 to 30 ft. above the junction of the washes. They are west of the small wash.

Across the claim from the central wash toward the west the ground rises on a 4 or 5 to 1 slope to the foot of a 50 ft. escarpment, just west of the west side line of the claim. The top of the long hill is not much higher than or further west of that escarpment. The eastern half of the claim is nearly level across, except where it is cut by washes in the northeast and south. The washes are generally in channels about 5 ft. below the tops of the flat ridges. That same condition continues for about a mile to the N.E. over the low divide across the Darby Wash to the foot of the little Ajo Mts. near the Cardigan Mine. About  $1/2$  mile N.E. are a clump of low ragged hills, except for them the same flat ridge and shallow wash condition continues for 3 miles more or less to the east.

15. MINE WORKINGS: (See map No. 2).

Shaft No. 1 is the discovery originally 8 or 10 feet deep now half full of silt.

Shaft No. 2 is a 20 ft. vertical shaft with a wide incline or stope on the vein dipping  $30^\circ$  to the northwest for 25 ft.<sup>1</sup>. That hole can be entered but unfortunately the leaser went down on top of the ore, took it out and when hoisting around the angle at the bottom of the vertical shaft became too difficult, left the waste in the hole. Thus covering the vein on the sides of the incline. On Sept. 22, 1943 there was about 6 ft. of water in the bottom covering the ore there. That was storm water; it will eventually seep out or dry up.

Shaft No. 3 is a 35 ft. vertical shaft, sunk for nearly its entire depth in what appears to be a strata of schistose diabase, the cleavage planes of which are copper stained. The stained diabase finally dipped out of the shaft. Its bottom is in a sort of coarse grained andesite.

The collar of shaft No. 3 is caved. Shaft No. 4 was sunk by the leaser after the operation of No. 2 became too difficult. His idea was to strike the vein from the discovery and No. 2 at depth. It was never finished. It is about 30 ft. deep.

16. GEOLOGY & MINERALIZATION: See map No. 1, a portion of the geological map of the Ajo District that accompanies Bulletin No. 141 of the Arizona Bureau of Mines.

In general the claim is in what is designated, in that bulletin, as the Ajo Volcanics. They outcrop around the shafts as apparent stratas of schistose, andesite and diabase, with a strike parallel to the side lines of the claim ( $N16^\circ 38' W$ ) and a dip of about  $80^\circ$  toward the west. Except in the vicinity of the shafts the western surface of the claim is covered with talus from the

escarpment just west of the west side line. That escarpment appears to be a brecciated prophoretic rock, more acid than the rocks outcropping around the shafts. No copper stains or veins have been found in that porphoretic rock. It covers a considerable area toward the west. The surface of the eastern half of the claim is covered with aluvium in the low ground and on the higher with what is called "Locomotive Fanglomerate" in Bulletin No. 141. There are occasional copper stains in the Fanglomerate to the northeast and east.

17. ORE, ORE DUMPS, TAILINGS: The discovery (No. 1) and the incline from shaft No. 2 are on a vein of high grade ore that appears to be an intrusion of diabase, across the apparent stratas of andesite and diabase appearing rock, mineralized by replacement. There has undoubtedly been a concentration of values on the foot wall of that vein or intrusion. The richer part of the vein is generally 2 ft. thick. In the discovery for a short ways there was a 6 inch vein of pure glance at the bottom of the vein. Above that 2 ft. of rich ore is a leaner mineralized zone, samples of which, upon being compared (in the field) with the old surface carbonate ores of the New Cornelia pit, appear to be identical with that New Cornelia ore. The richer ore is much darker and finer grained than the New Cornelia ore. It must be the same rock, the difference in appearance being due to different degrees of mineralization. The valuable minerals are the copper carbonates and the sulphide in the form of glance. Silver seems to occur in the ore at the rate of 2 oz. for each percent of copper.

The strike of that vein is approximately S 35° W, the dip 30° from the horizontal to the N.W. Inspection of map No. 1 shows that the richer vein is approximately parallel to the Ajo Peaks fault.

The discovery shaft appears to expose the corner of the richer vein, and there the vein appears to be "cut off" to the N.E. by a strata of andesite. Shaft No. 2 shows the high grade ore to continue to a depth of 30 ft. (vertically) below the surface.

In 1926 shaft No. 2 was entered by myself and prospective leasers from Globe. There was no water at that time and 2 ft. of good looking ore showed in the bottom of the incline. The leasers sampled it and afterward told me that it had assayed 5% copper and 10 oz. of silver. Freight rates from Ajo discouraged them at that time. Shaft No. 2 was next entered by myself and Elgin B. Holt, Field Engineer, Dept. of Mineral Resources, on Sept. 22, 1943. We found the shaft in the condition described in paragraph 15. In lieu of better samples, I requested Mr. Holt to pick from the ground, from where 20 to 25 tons of sorted ore from shaft No. 2 had been stacked, a sample of what appeared to him an average of the ore left scattered on the ground. That sample assayed 8.3% copper and 18.4 oz. of silver.

The only ore that could be considered positive is that between the bottom of shaft No. 2 and the surface for 25 ft. of vein. About 250 tons of ore of an average value of \$30.00 a ton.

At the present stage of development the probable ore could be most any thing.

Samples of the copper stained schistose diabase from shaft No. 3, taken along time ago, assayed around 1% copper.

There are no valuable mine or tailing dumps on the property.

18. MINE, MILL EQUIPMENT: There is no mine or mill equipment on the ground.

19. ROAD CONDITIONS, ROUTE: Road conditions are now fair and could be made good with a little repair and some maintenance of the existing country road. Even though the road had gone through a rainy season without maintenance, the claim was reached without difficulty on Sept. 22, 1943. The short route via the Cornelia pit is marked on map No. 1 in red. An alternate route, should the road by the pit be closed, in dashed red.

20. WATER SUPPLY: The nearest reliable supply of good water is the city water at Ajo. Camp water would have to be hauled 5 miles from there. There is permanent water, probably in small amounts, in the old Cardigan Mine, 1 mile to the N.E. The Chico Shunie well, 1-1/2 miles to the S.W. down the wash, is not reliable. Water in quantity might be developed on the property at depth. The formations lay that way.

21. BRIEF HISTORY: The Ajo Peaks group of 10 claims, covering roughly the east 1/2 of NW $\frac{1}{4}$  and W $\frac{1}{2}$  NE $\frac{1}{4}$  of Sec. 32 was discovered and located by Percy Jones, Jr. and E. A. Irwin in April, 1916. The 20 ft. vertical part of shaft No. 2 was sunk early in 1917. The claims were under bond and lease during the spring and summer of 1917. The leaser mined the ore from the incline from shaft No. 2. Sunk the greater part of shaft No. 3 and Shaft No. 4. Little has been done on the property since 1917 except some assessment work in shaft No. 3 in 1922. The 1 claim was patented in 1927 because absentee assessment work had been too unsatisfactory.

22. SPECIAL PROBLEMS, REPORTS FILED: There are no special problems and no known reports.

23. REMARKS: The property will probably make a good small mine and it might make a large one.

The development outlined in paragraph 12 is for the small mine, that should pay for itself. Drilling might show a large quantity of ore that I would expect to be of lower grade than that outcropping at the discovery. I have never considered the 1% ore in shaft No. 3 as ore, but that strata of copper stained diabase is interesting. We do not know how big that is. I have always thought that we had the apex of body of monzonite ore that could be the same as the Cornelia only it is more covered. The property has been neglected for many years largely because I always had something else to do that I had to do to make a living. The heirs of my partner are farmers in Texas.

24. IF PROPERTY FOR SALE, PRICE, TERMS AND ADDRESS TO NEGOTIATE: The property is for sale for \$50,000 or for lease for 10% of the gross or a combination of both. No cash payments would be required for a year, or longer if that appeared advisable. But at least 50 shifts a month of development work would be an essential part of any contract but a cash sale.

/s/ Percy Jones, Jr.  
1846 Palmcroft Way, N.E.  
Phoenix, Arizona

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

Date *Oct 20 1943*

1. Mine *Ajo Peaks*
2. Location *Near W 1/4 Cor Sec 32 T 12 S R 6 W  
5 Miles by road south westerly  
from Ajo RR Station  
3 Miles south westerly from center  
of Cornelia Mine Pit.  
(See attached maps)*
3. Mining District & County *Ajo Mining Dist.  
Pima County*
4. Former name - *Ajo Peaks*
5. Owner - *Percy Jones Jr & LIZ Irwin*
6. Address (Owner) } *1846 Palmyra Way  
Phoenix*
7. Operator *Percy Jones Jr*
8. Address (Operator) }
9. President, Owning Co. " "
- 9A. President, Operating Co. "
10. Gen. Mgr. " "
11. Mine Supt.
12. Mill Supt.
13. Men Employed *None*
14. Principal Minerals *Copper & Silver*
15. Production Rate *None*
16. Mill: Type & Cap. "
17. Power: Amt. & Type "
18. Operations: Present *None*

19. Operations: Planned

*To expose the top of the high grade vein with trench  
or open cut as far south westerly from the discovery shaft  
as practicable. To sink an incline on the vein as far as profitable.  
Note: The old shaft & incline slope is too messy to use, better  
start over.*

20. Number Claims, Title, etc.

*One patented claim Mineral survey No 4022. Patent granted  
in 1927 to Percy Jones Jr & LIZ Irwin.  
Originally in 1926 10 claims adjoining Ajo Peaks were located  
by Percy Jones Jr & EA Irwin.*

21. Description: Topography & Geography -

*The Ajo Peaks claim lies in low ground  
between the Ajo Peaks and on the east slope of a lower hill to  
the west. Except for the two Peaks themselves differences in elevation on the  
claim are not great. The west side line is probably 100 ft higher  
than the east side line. The north end 50 ft higher than the south.  
The hill to the west rises another hundred feet by an escarpment just  
west of the west side line. Toward the N.E. is a drainage basin between the Peaks  
and a low divide. That drainage passes to the south west along the  
south end of the claim*

22. Mine Workings: Amt. & Condition

*22.- Mine workings - See attached Map. No. 1. Discovery, incline  
originally 8' assp. half filled with silt. No. 2: 20 ft shaft with 25 ft of  
combination slope & incline on the vein north westerly from bottom of  
shaft. Can be entered but waste left in slope covers vein on sides and on Sept  
20 6 ft of water covered vein in bottom. No 3 - 35 ft vertical shaft in mineralized  
Schistose Diabase. Collar is caved. No 4 - 30' shaft in country rock never finished.*

23. Geology & Mineralization - 5 attached a portion of Geological Map of the Ajo District Bulletin n. 141 - ARIZ Bureau of Mines. And more detailed maps of the vicinity of the mine workings.
- In general the claim is in what is designated in that bulletin as the Ajo Volcanics. They outcrop in the vicinity of the mine workings as apparent stratas of schistose andesite and diabase, with a strike N17°W, parallel to the side lines of the claim and a dip of 80° to the West. Except in the vicinity of the workings the surface is covered with talus from the hill to the west, a large block of more acid porphyritic like rock, and on the eastern side of the claim with the "Locomotive Fanglomerate" of bulletin 141.
24. Ore: Positive & Probable, Ore Dumps, Tailings
- Shafts No 1 & 2 are in what appears to be an intrusion of diabase, across the stratas, heavily mineralized by replacement. The minerals are  $CuCO_3$  &  $Cu_2S$  (Glance) containing considerable silver. Shaft No 3 is in what appears to be a strata of schistose diabase, The cleavage planes of which are filled with  $CuCO_3$ .
- 24A. Dimensions and Value of Ore body
- 24- Ore: Positive & Probable:
- The only ore that could be considered positive is that between the bottom of shaft 2 and the surface, for a length of vein of 25 ft ± approximately 200 tons of high grade ore. The probable ore could be nearly any amount of lower grade ore.
- I saw in 1926 2 ft of good grade ore in the bottom of shaft No 2.
25. Mine Mill Equipment & Flow Sheet
- It was sampled by prospective leasers. They told me that it assayed around 5% Cu & 100% Ag. That shaft was next entered by Percy Jones & Elmer Holt Nov 22nd 1943. They found 6 ft of water covering what had been in sight in the bottom. Waste had been left in incline or slope in such a way as to cover the sides. No samples of ore in place could be taken. A sample of the little left where a 20 Ton ± ore pile had been, believed to represent that pile assayed 83% Cu, 18% Ag.
26. Road Conditions, Route
- Samples taken from shaft No 3 a long time ago assayed around 19% copper. There are no valuable mine or tailing dumps
25. - Mine, Mill Equipment: - There is none
26. - Road Conditions, Route: - Fair country road, passable by most cars could be easily made into a good country road with maintenance no particularly steep grades. By way of the Cornelia Pit 5 miles from the Ajo A.R. Sta. to the Ajo Peak workings. See Map for route
27. Water Supply
- No known good water nearer than Ajo. Camp water would have to be hauled from there. Any quantity of water for a mill would have to be developed by methods unknown to date.
28. Brief History
- Discovered & located with 10 other claims, covering approximately the NW 1/4 of Sec 32, by Percy Jones Jr & E.A. Irwin in May 1916. Shaft No 2 sunk 20 ft. in first part of 1917. Property under bond & lease in 1917. Slope or incline from bottom of shaft No 2 by leaser. Shafts No 3 & No 4 by leaser. No 4 was to strike the vein at depth after No 2 became impossible to operate.
29. Special Problems, Reports Filed
- Leaser was unable to dispose of some 20 tons ± of high grade ore from No 2. Spent what money he had on shaft No 4 and quit. Was in the Army at the time not too well acquainted with the details. No later work was done at No 2. Some assessment work was done deepening No 3. The Ajo Peaks No 1, the only claim of the group with a real outcrop of ore was patented in 1926 by Percy Jones Jr & E.A. Irwin. The only ore, that mined in 1917 by the leaser, laid around on the dump until stolen in 1926.
30. Remarks
31. If property for sale: Price, terms and address to negotiate.
- For sale for \$25000 or for lease for 10% of the gross output or a combination of both. No cash payments would be required for a year. But at least 25 shifts of development work a month would be an essential part of any contract.
32. Signature..... *Percy Jones Jr*

33. Use additional sheets if necessary.

MA-48

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine AJO PEAKS  
District Ajo District, Pima Co.  
Subject: MINE OWNERS REPORT

Date 3-2-43  
Location:  
Engineer Sec. 32 T 12 S R 6 W  
Discovery 200 (Plus) East of 1/4 Cor. 31/32  
Approximately 5 miles south westerly from  
R. R. Station at Ajo.

Former Name: Ajo Peaks

- 5. Owner: Percy Jones, Jr. & U. Z. Irwin
- 6. Address (Owner) 1846 Palmcroft Way NE  
Phoenix, Arizona
- 7. Operator: Percy Jones, Jr.
- 8. Address (Operator) 1846 Palmcroft Way NE
- 9. President, Owning, Co. Percy Jones Jr. & U.Z. Irwin
- 10. Gen Mgr. Percy Jones, Jr.
- 11. Mine Supt.: Percy Jones, Jr.
- 12. Mill Supt.: " "
- 13. Men Employed: None
- 14. Principal Metals: Copper & Silver
- 15. Production Rate: None
- 16. Mill: Type & Cap.: None
- 17. Power: Amt. & Type: None
- 18. Operations: Present: None

20. Number Claims, Title, etc. : One Patented Claim Ajo Peaks No. 1 - Pat. No. 4022 located by Percy Jones, Jr. and E. A. Irwin, May 1916 together with 9 others Ajo Peaks inclusive, those claims abandoned later. And in winter of 1926-27 the only known outcrop on No. 1 patented. At the present time the abandoned claims appear to be open ground.

21. Description: Topography & Geography: The claim lies between the Ajo Peaks and east of a lower ridge like hill, formed by a grey porpheric or andesite effusion, that joins the Ajo Peaks, except that drainage forming to the north east breaks through at the north westerly foot of the southern Ajo Peak. Between the claim and the new road north of Arkansas Mt. the country is rolling not badly broken traversed now by a usable road and susceptible of a better and shorter one.

22. Mine workings: Amt. & Condition: On the best ore and the original discovery a 20 ft. vertical shaft with probably an additional 20 ft. of a combination incline and stope from the bottom of the shaft and on the vein. The incline on a slope of approximately 2:1 should be carried back to the surface at the original discovery. That work would all be in good, possibly high, grade ore. Another shaft 34 ft. deep, passing through another vein that apparently lies at right angles to the first one about 150' distant. That is low grade ore. The shaft is badly caved at the collar. The first shaft is open with the help of a 20 ft. ladder or 40 ft. rope.

23. Geology & Mineralization: The original group of 10 claims covered a basin between the Ajo Peaks and east of the porpheric ridge, connecting them except for a canyon, and west of the low divide between the Peaks. That basin is covered to an unknown depth with the usual Ajo Agglomerate except for the tops of the Peaks ridge and igneous outcrops on another ridge forming the southeast boundary of the basin and the mineral bearing outcrops ~~xxxxxxxx~~ outcrops on the patented No. 1 claim. Sufficient specks of copper stain were found in this agglomerate to furnish sites for discovery shafts for all claims.

On the No. 1 claim at nearly the lowest point in the basin, in a small wash tributary to the Main wash a little above where it goes through the canyon and out of the country are two outcrops of copper and silver bearing diabase or similar rock about 150 ft. apart. The ~~xxxxxx~~

originally most noticeable outcrop appeared to be a slate, the cleavage planes of which were stained with copper. However at a little depth it showed to be a diabase or similar rock impregnated with copper-assays of a fair sample showed 1% copper with traces of silver and gold. The strike of that outcrop appears to be parallel to the claim N 17° W. It has a dip of probably 70° to the west. A 35 H shaft went through it into something like granite or possibly big boulders of the Agglomerate. That shaft is caved around the collar and the dump from it covers the original outcrop.

The better ore outcrops about 150 ft. to the N. W. in a small depression between what appear to be sedimentary stratas, but are igneous, parallel and conforming with the diabase outcrop that weathered to look like slate and the talus from the porphyretic ridge. The original outcrop appeared to be a large boulder lying in this depression. Digging under it showed an 8" vein of glance that gradually in about 10' of incline disappeared with a 2 or 3 ft. of enriched copper, impregnated diabase. Assays from the discovery incline went 10 to 15% copper and I particularly remember 75 oz. of silver. The strike of that deposit, if any, is at rt. angles to the first low grade one. The deposit appears to be an intrusion of diabase with its footwall dipping to the N.W. on a 2:1 slope. The apparent boulder of the discovery was its apex. In fact when it was first opened a little fault in the apparent stratas with a throw of 4 ft. where the intrusion broke through was visible to the east of the outcrop the stratas are bent not broken, to the west is covered with float and has not been explored. It should be an open cut.

There is an enrichment on the footwall of the intrusion. At the bottom of the combination incline and stope from the bottom of the 20 ft. vertical shaft it is approximately two ft. thick and samples taken from it in 1926 by prospective leasers, ran, so they told me 5% Cu. and 10 oz. Ag. That was the last time the hole has been entered. It is however in good condition and could be safely entered with a 20 ft. ladder.

26. Road Conditions, Route: Good and fair. From Ajo through Indian Camp, N. W. of Pit and N. W. of Arkansas Mt. to old road to N. E. of North Ajo Peak. Take first fork to S. W. and follow until blue dump on side noll is visible. Track to dump.

27. Water Supply: Haul from Ajo or 2 mile (plus) from Cardigan.

28. Brief History: The 20 ft. shaft was sunk by the owners in the spring of 1917 to strike the ore at 20 ft. It struck it at 13' and went through it at 20. The property was immediately leased and bonded. The leaser went down with the combination incline and stope and took out considerable good grade ore. But the combination of shaft and incline became unworkable. He started another vertical shaft calculated to strike the ore at 100 ft. (I doubt if it would) carried it to about 30 ft. and exhausted his funds and enlisted in the Army. He could not sell his ore because in the summer of 1917 the smelters would not take small irregular shipments. Later, during the war leasers on the Cardigan mine 2 miles away sorted and sacked and shipped the highgrade ore. Some time in 1926 the remaining ore was stolen from the dump. The incline should be carried back to the surface, in good grade ore, more than enough to pay for the operation. Then high grade ore should be followed down with a incline.

31. If property for sale: Price, terms and address to negotiate. \$25,000.00 total. Bond and lease for 5 years. No payments except final 1/4 purchase price and 10% of gross receipts to apply on purchase price. Stopping and high grading so as to best get operating money, allowed, but will insist on continuous development work of 25 shifts per month during the life of lease.

32. Signed: .....Percy Jones, Jr.