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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 07-19-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: PROSPERITY GROUP

ALTERNATE NAMES:
HULDA

SANTA CRUZ COUNTY MILS NUMBER: 72C

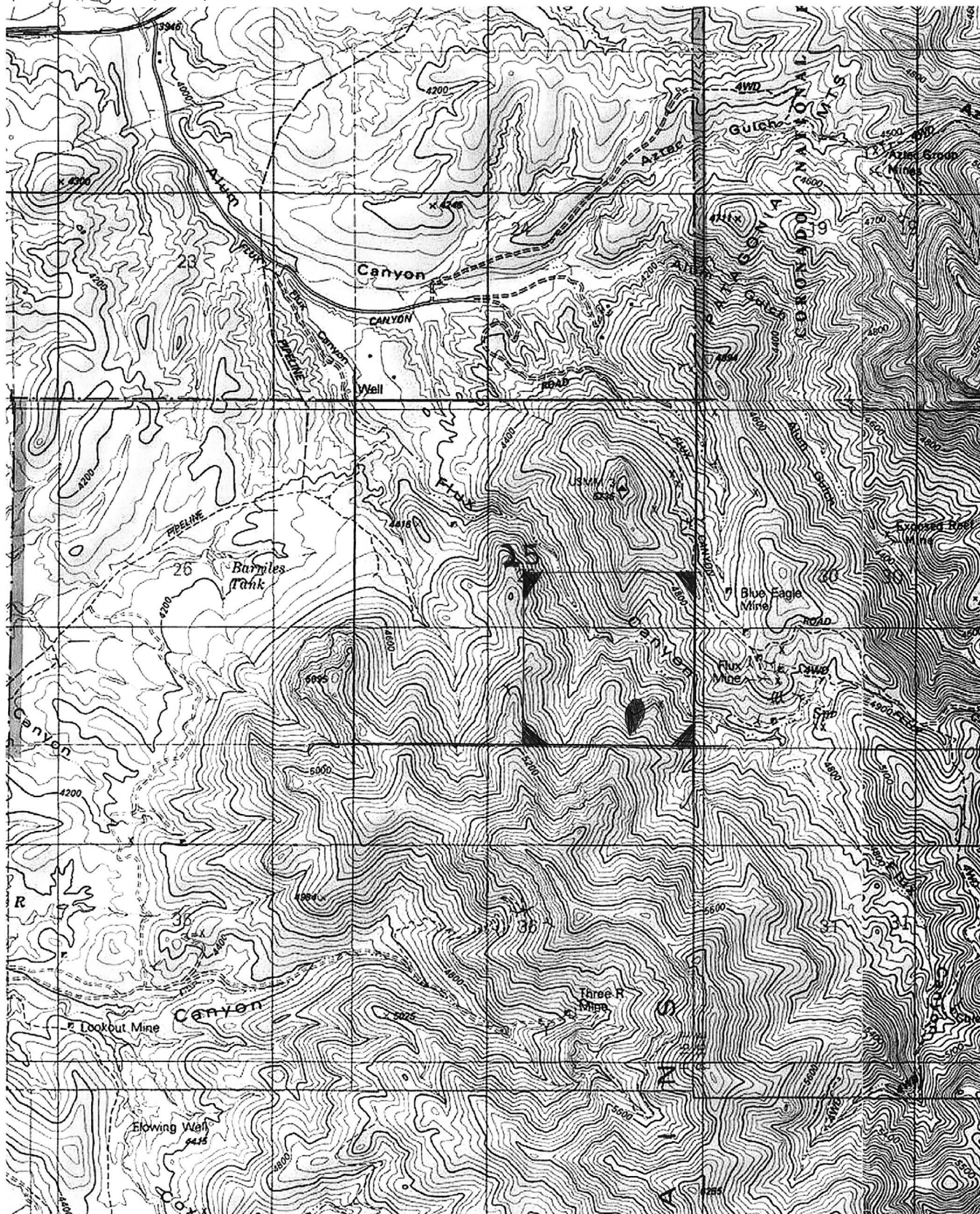
LOCATION: TOWNSHIP 22 S RANGE 15 E SECTION 25 QUARTER SE
LATITUDE: N 31DEG 29MIN 10SEC LONGITUDE: W 110DEG 45MIN 41SEC
TOPO MAP NAME: NOGALES - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
COPPER OXIDE
MANGANESE

BIBLIOGRAPHY:
ADMMR PROSPERITY GROUP MINE FILE

Nogales - 15 min



N 31 29' 10" W 110 45' 41"
Prosperity Group

October 2, 1942

Prosperity

Mr. Wm. B. Gohring
325 Heard Building
Phoenix, Arizona

Dear Bill:

I don't know how the enclosed sketch was detached from its proper docket. It belongs in docket C-ND-Phx 58, Mrs. Henrietta E. Miller.

Having been on the property I made a couple of sketches which were intended to clarify the underground workings and through accident this one did not get replaced in the docket.

Yours very truly,

J. S. Coupal, Director

JSC:LP
Enc.

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

Date

Sept 42

1. Mine *Prosperity Group*
3. Mining District & County *Wrightson Dist.
Santa Cruz Co*
4. Former name *Hulda*
5. Owner *Mrs Henrietta Miller
Ch. P. W. Carico*
7. Operator *P. W. Carico*
9. President, Owning Co.
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Men Employed *none*
18. Operations: Present *none*

2. Location *3 1/2 Miles SW Patagonia
off Flux Canyon road*
6. Address (Owner) *1100 St Marys Rd
Tucson*
8. Address (Operator) *Patagonia*
- 9A. President, Operating Co.
14. Principal Minerals *Copper*
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type

19. Operations: Planned *Unwater, retimber raise & winze where
necessary. Drive Xcut to vein 80ft from present
Xcut at bottom of winze to vein.*

20. Number Claims, Title, etc. *4. Prosperity group
Located by P.W. Carico in 1930. Recorded in
Book #22, page 501, Recorder Santa Cruz Co, Nogales
Deeded undivided half to Henrietta Miller, July 1941
Assessment work 1942 done*

21. Description: Topography & Geography *Located in foothills Santa Rita Mts. on gradually
sloping spur of mountain.*

22. Mine Workings: Amt. & Condition *Tunnel 350ft to vein and
700' drift on vein. Winze 100' from portal
110' deep with station on 100' level. 75' Xcut
toward vein which is dipping to north about 75°*

(over)

23. Geology & Mineralization

Monzonite and diorite. Fissure vein nearly E and W. dipping to north 75° Sulfides beginning to come in on tunnel level Values in copper

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

About 75 tons on dump Ore shoot on tunnel level 80' long 5' wide 3000 tons. If same condition obtains on lower level at least 4000 tons additional plus ore where vein narrows down.

24A. Dimensions and Value of Ore body

25. Mine, Mill Equipment & Flow-Sheet

none

26. Road Conditions, Route

good. Turn east from Patagonia Nogales highway at CCC camp on Fluk Canyon road One mile south and east of F.C. road.

27. Water Supply

Sufficient for mining purposes.

28. Brief History

Originally owned by one Ashburn of Nogales, deceased. No record of ore shipped but 300 tons at least of 6% Cu unaccounted for by dump

29. Special Problems, Reports Filed

Applying for \$5000 preliminary dev. loan

30. Remarks

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

Write to owner

32. Signature

Hermitta E. Miller

33. Use additional sheets if necessary.

6-1938

Recovery Group: P.W. Carico, owner.

This property covers a number of ledges of quartz cutting volcanics. ~~XXXXXXXXXXXX~~ The vein consists of quartz, pyrite, galena with probably no zinc. The owner claims samples carried 2-8 oz Ag and \$2 to \$5 in Au per ton. The quartz filled open spaces in breccia along fracture and replaced ~~XXXXXXXX~~ bx fragments to some extent; also replaced walls. The main ledge is about 3 to 6 feet wide. Other veins parallel to the main vein are generally narrower. Two samples were taken where best showings were seen; here it was obvious in the field that the vein had no value for base metal although galena can be seen. The samples assayed: #1-width 7', Au-.01; Ag-0.2; Pb-0.3%; and #2-width 54", Au-.01, Ag-0.3, Pb-0.5%. The grade along the south wall of the main ledge is somewhat higher than rest of vein.

This property is too low grade to be of value, and moreover it would not yield much tonnage. The Gringo property endlines the Recovery group on the west.

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~~THIS PROPERTY~~
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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Prosperity

Date Feb. 11, 1943

District Wrightson

Engineer George A. Ballam

Subject: Progress report on "C" loan.

Briefly reviewing the original situation in this case:

A tunnel had been driven into the mountain through quartz monzonite in a northeasterly direction for about 150 feet, thence due north for 122 feet at which point it cut at right angles a strong copper vein dipping about 65° south. Aside from other workings, drifting was continued to the east on this vein. At a distance of about 75 feet from junction, vein widened out to full width of drift, about 5 feet, carrying commercial values in oxidized copper ores together with some chalcocite. This ore shoot continued for 80 feet before pinching down to a foot or so. At the point where the change of direction occurred in the tunnel a winze had been sunk about 100 feet. This was later opened to the surface, about 60 feet. Winze was full of water, but it was reported that a crosscut had been started to the ore shoot and about 40 feet of work yet remained to be done to cut this ore.

The winze has since been unwatered to 90 foot level, and put in shape for hoisting. The lower crosscut was continued about 20 feet farther at which point the vein was cut to about 8 feet but not to footwall. However, instead of this crosscut being made in direction of ore shoot, it was found on unwatering that it extended about 65 feet almost paralleling the upper x-cut, or N. 12° E. Hence, it will be necessary to drift nearly 50 feet east on the vein to the ore shoot, even though the latter has no rake to the east as suspected. Some 15 feet of drifting has been completed at present, at least 35 feet remaining with a possible allowance for rake of shoot.

The vein matter is heavy iron sulfide with occasional small masses of glance. It is making considerable water on the footwall side, hence the vein was not crosscut to the wall. In fact, water has been troublesome, and was the reason why the preliminary work was not completed within the limits of the loan. Following unwatering, the pump broke down, before a hoist had been set, and before arrangements had been made to bail, water was well up in the winze again. A pump jack has since been purchased and will be installed shortly. Meanwhile the water is being kept down by bailing and is making less as drainage is effected, about 3000 gal. per day at present.

The loan, \$5000 has been expended economically and work done efficiently. No previous information was obtainable on the direction of the crosscut below, it being assumed ~~that it was~~ or reported, that it extended 80 odd feet in the direction of the ore shoot. Furthermore, the water situation was unavoidable, and handled as well as possible. These circumstances have militated to prevent completion of the preliminary work as anticipated and outlined. It is believed that from \$2000 to \$2500 additional will be required to put the operator on commercial ore, construct ore bin, lay track, procure car and additional operating equipment, and meet payroll for six weeks until returns from shipments are available.

In view of the loss sustained, over \$1000 on account of water, and \$500 due to non-existence of data on extent of workings from the bottom of the winze, it is recommended that additional money be made available to put this operation on a producing basis. The formation on the lower level is identical with that

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Prosperity - page 2

Mine

Date

District

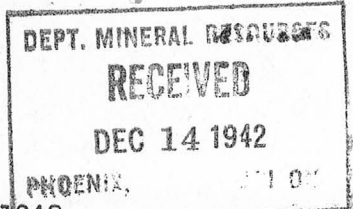
Engineer

Subject:

in the tunnel level. The vein is at least 8 feet wide, and there is no reason whatever to expect that the ore shoot will not be entered with the additional development outlined. However, due to the water encountered, it will be necessary to expedite assistance to avoid repetition of a great deal of work.

George A. Ballan

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine Prosperity

Date December 9, 1942

District Patagonia

Engineer George A. Ballam

Subject: Progress report.

I visited this mine at the request of the owners. Carico has the water out of the shaft and the crosscut on the 90ft. level. The shaft is in good shape although not true - twisted and will require considerable squaring up. However, for the present, Carico is using a bucket and will not spend any money on the shaft until he has enough ore to warrant it.

He was back in the cross cut. There is one caved area but he was able to get through. It measures 82 ft. so the original estimate of about 40 ft. to ore is approximately correct. Shaft was 90 ft. rather than 110, but there is a sump, full of muck, which he has not cleaned out yet. It is not making much water, apparently. There is a cross fracture in the tunnel about 15" of pretty good ore which was not previously reported. It seems to be making from the main vein, and if the latter is of the same grade, he believes it will be better than expected.

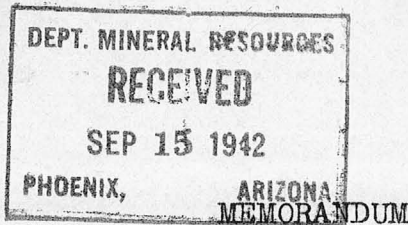
He has a hoist and was getting it up on the hill above the winze, - there is an opening to the surface from the tunnel level, about 60 ft. Some timbering will be required but not much.

The county blade has been over the road, about one mile from the Flux Canyon road to the portal. Road is now in good shape. There are five men working. They expect to start work on the crosscut in a few days, and hope to be on the ore in three weeks, at most. All live in Patagonia, about five mile trip.

The job has been done economically and expeditiously so far. Carico hopes to be able to do considerable drifting with what he has, and the raise will undoubtedly take care of itself. He bought an International one-ton job cheap, good rubber, and has access to an ore truck when it comes time to ship.

George A. Ballam

(NOTE: R.F.C. DOCKET CND-Phx58)



September 11, 1942

PROSPERITY GROUP

To: Director, Dept. Mineral Resources
From: George A. Ballam

P.W. These four claims, formerly known as the Hulda, are now owned by W. Carico of Patagonia and Mrs. Henrietta Miller, 1110 St. Mary's Road, Tucson. The property is situated about 5 miles southwest of Patagonia, just off the Flux Canyon Road, in the Richeson Mining District. Access good.

rest of There is a tunnel cutting the ore at about 200 feet, drifting carried on about six hundred feet along the vein. Stands almost vertical to about 75° in monzonite. Ore shoot five feet wide for a distance of 80' showing Cu which assayed along entire distance 5 to 5 1/2 percent. Vein continuous but smaller along drift. At about 100 ft from portal there is a winze 110 ft deep, and full of water. It has been raised to surface, about 60 ft. Water has been lowered in past for use of cattle and recently showed timber in good condition.

records of

It is reported by previous owner that there is a cross cut on the 100' level toward vein, 75', and about 45' still to go to ore. Work discontinued by death of owner, Ashburn of Nogales. Several hundred tons of ore highgraded from dump, only about 75 tons remaining. No ore reported shipped by owner.

The present owners wish to secure a prel. devel. loan to unwater, and complete x-cut to ore, giving additional 100' of backs.

There is no equipment on the property. Ample water available, good access and no problems apparent. Have recommended fresh sampling for 3 assays to accompany applic.

George A. Ballam

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

MP-36

Date September, 1942

1. Mine Prosperity Group
2. Mining District & County Wrightson District,
Santa Cruz County
3. Former name Hulda
4. Location $3\frac{1}{2}$ miles southwest Patagonia
off Flux Canyon road.
5. Owner Mrs. Henrietta Miller, P. W. Carico
6. Address (Owner) 428 East Eighth Street
Tucson, Arizona
7. Operator P. W. Carico
8. Address (Operator) Patagonia, Arizona
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Copper
14. Men Employed None
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present None
19. Operations Planned Unwater, retimber raise and winze where necessary. Drive X cut
to vein 80 feet from present X cut at bottom of winze to vein.
20. Number Claims, Title, etc. 4 claims. Prosperity Group located by P. W. Carico in 1930.
Recorded in Book #22, page 501, Recorder Santa Cruz County, Nogales. Deeded
undivide half to Henrietta Miller, July, 1941. Assessment work 1942 done.
21. Description: Topography & Geography Located in foothills Santa Rita Mountains on
gradually sloping spur of mountain.
22. Mine Workings: Amt. & Condition Tunnel 350 feet to vein and 700 foot drift on vein.
Winze 100 feet from portal, 110 feet deep with station on 100 foot level. 75 foot
X cut toward vein which is dipping to north about 75 degrees.

PROSPERITY GROUP

Cu

Santa Cruz 12 - 1 T 22 S, R 15 E

P. W. Carico, Patagonia

'42

23. **Geology & Mineralization** Monzonite and diorite. Fissure vein nearly east and west dipping to north 75 degrees. Sulfides beginning to come in on tunnel level. Values in copper.

OWNERS MINE REPORT

24. **Ore: Positive & Probable, Ore Dumps, Tailings** About 75 tons on dump. Ore shoot on tunnel level 80 feet long, 5 feet wide, 3000 tons. If same condition obtains on lower level, at least 4000 tons additional, plus ore where vein narrows down.

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

25. **Mine, Mill Equipment & Flow Sheet** None.

26. **Road Conditions, Route** Good. Turn east from Patagonia, Nogales highway at CCC camp on Flux Canyon road. One mile south and east of F. C. road.

27. **Water Supply** Sufficient for mining purposes.

28. **Brief History** Originally owned by one Ashburn of Nogales, deceased. No record of ore shipped but 300 tons at least of 6% copper unaccounted for by dump.

29. **Special Problems, Reports Filed** Applying for \$5000 Preliminary Development Loan.

30. **Remarks**

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

32. **Signed**.....Henrietta E. Miller

33. **Use additional sheets if necessary.**

Prospect

February 12, 1943

Mrs. Henrietta E. Miller
428 E. 8th Street
Tucson, Arizona

Dear Mrs. Miller:

I received the report by George Ballam dated February 11 and 'phoned Mr. Ballam at Patagonia and talked with him regarding your property. I also called on Mr. Gehring and discussed with him your situation.

There is no way to get immediate quick action on an additional loan to carry on your work. Hence, I advised George Ballam to see Carrico and have him take two good samples of the vein material which you cut from the crosscut tunnel at the bottom of the vertical winze, which I believe now is cut through to the surface, so that we may call it the vertical shaft.

There seems to me to be only two courses for you to follow: One is to stop all work and apply for an additional loan. The other would be to try and interest private capital to take over your property or have Carrico or someone else take a lease on taking ore out of the vein which is exposed on the tunnel level.

I believe it will be necessary to let the water fill up to its proper level in the shaft unless you personally can arrange to keep it unwatered.

Government funds cannot be made available to continue the work without the lengthy procedure of a new application for a loan, as the showing made on the preliminary development work did not accomplish the work expected. I believe it will be rather difficult to get the additional loan but I suggest that you carefully consider it and I would be glad to talk it over with you. I am sorry this seems to be the situation.

With best wishes and kindest regards, I am

Very truly yours,

J. S. Coupal, Director

October 8, 1942

Mr. Vic L. Smith
Hotel Mayfair
Los Angeles, California

Dear Vic:

I have been thinking over your inquiry for a small copper property for a client in Los Angeles and before I mentioned a property to you that I knew would fill the bill I wrote the owner and asked if a deal would be considered. I had a 'phone call this morning saying, yes, they would consider a deal.

The property is the Prosperity group located about three miles out of Patagonia in an ideal section at an elevation of between four and five thousand feet. The owner of the property is Mrs. Henriette E. Miller, 428 East 8th St., Tucson, telephone 2787-M.

The property is very well located in a beautifully timbered section with an ideal camp site and sufficient water close by. There is a tunnel which exposes an ore shoot 80 feet in length running 5% or better in copper with some gold and silver. The first portion of the tunnel is a cross cut and from this tunnel a winze is down 110 feet and a cross cut from it which is within 25 feet of cutting the ore shoot now exposed in the tunnel level.

I have examined the property hastily and our field engineer, George Ballam, examined it also and it can be made a ready shipper. Application for a Preliminary Loan was made on this property and the loan has been recommended by this office. The owner, Mrs. Miller, is willing to sell and I believe it would be possible to have the loan assigned or transferred to anyone who purchased the property. Or if they so desired merely cancel the application for the loan.

It seems to me this property would be an ideal one for the party you mentioned. My suggestion as to the deal that should be made is that a three or four thousand dollar cash payment would take the property with a 10% royalty agreement without any strings whatsoever attached until a full payment of between \$7,500 or \$10,000 could be made. It might be possible for you to make much better terms with the owner, Mrs. Miller, and if your man is in Los Angeles and ready to deal I believe Mrs. Miller would come to Los Angeles to discuss terms. But it would be far better for you to come and see the property, take an option in your own name and then make whatever deal you could with your client.

Vic L. Smith

- 2 -

If you desire further information I would suggest that you contact Mrs. Miller direct in Tucson.

With best wishes and kindest regards, I am

Very truly yours,

J. S. Coupal, Director

