



## **CONTACT INFORMATION**

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MAGGIE-BAKER RILEY

ALTERNATE NAMES:

COCONINO COUNTY MILS NUMBER: 244

LOCATION: TOWNSHIP 39 N RANGE 6 E SECTION 31 QUARTER NW  
LATITUDE: N 36DEG 44MIN 5 SEC LONGITUDE: W 111DEG 47MIN 14SEC  
TOPO MAP NAME: LEES FERRY - 15 MIN

CURRENT STATUS: PAST PRODUCER

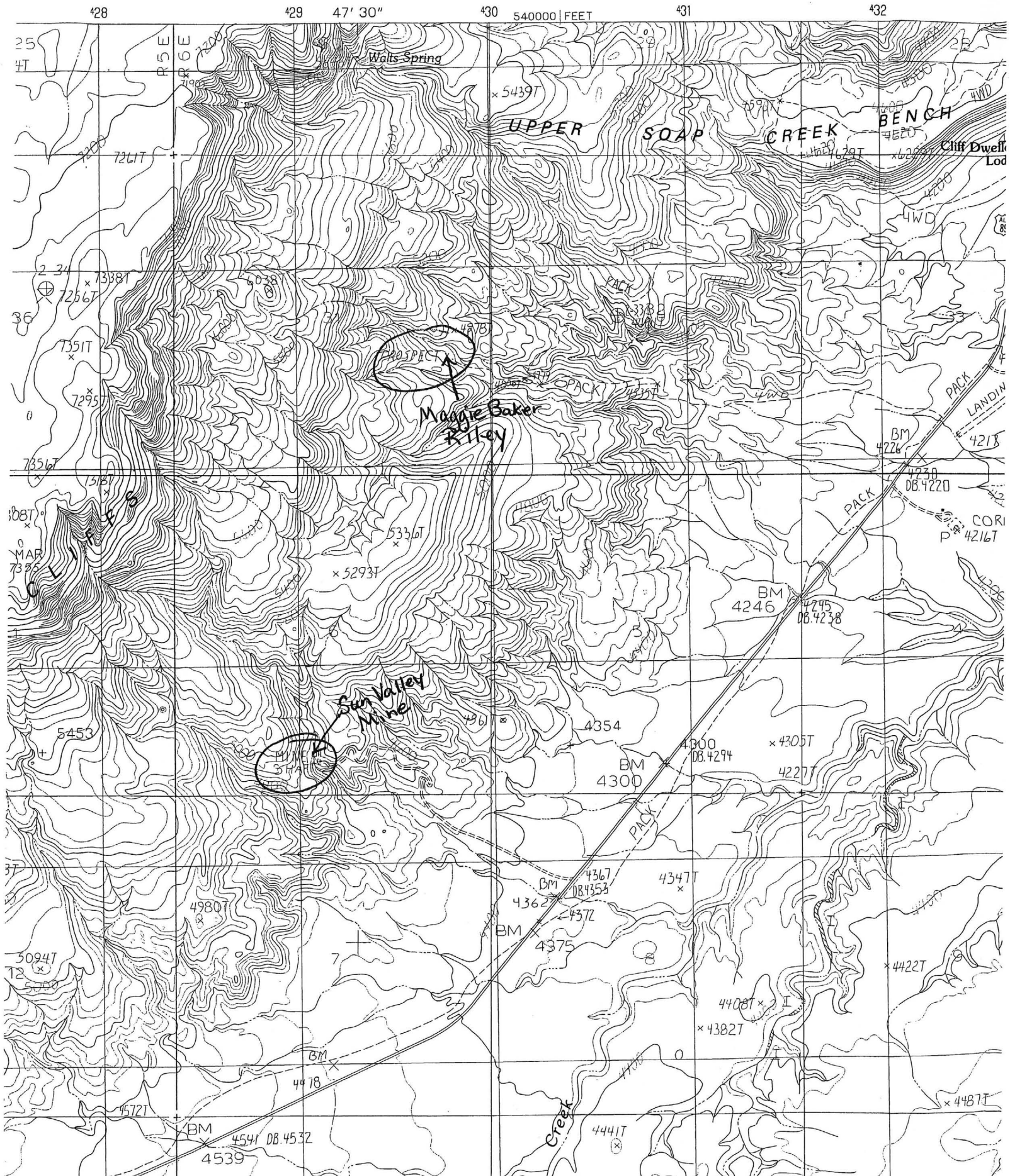
COMMODITY:

GEMSTONE PET WOOD  
URANIUM  
VANADIUM

BIBLIOGRAPHY:

ADMMR MAGGIE-RILEY BAKER FILE  
SEMI-PRECIOUS COMMODITY: PETRIFIED WOOD  
SEE SUN VALLEY MINE FILE

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ARIZONA-COCONI  
7.5 MINUTE SERIES (T



ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

MM 162 Carnotite

163 "

COCONINO COUNTY

1029 Manganite Crystals  
in Petrified Wood

VERMILLION CLIFFS

MM5950 Wood, Petrified with  
Carnotite

MAGGIE BAKER CLAIMS-

MILS # 244

O-AKA

MAGGIE-BAKER Riley (660)

THE RILEY BAKER'S  
MISS BARBARA-MAGGIE-RILEY  
URANIUM PETRIFIED WOOD SPECIMENS  
CAMERON, ARIZONA

Nov 22. 1949

Mr Chas H Dunning  
Phoenix Ariz.

Dear Mr Dunning  
I am going to  
write you a line in answer to  
your letter. Riley had took another  
load of ore and some of it was the  
big tree have been kindly waiting  
to see what it was going to run  
we sold ten ton and it was just  
the same as the settlement sheet  
I sent  $\frac{28}{100}$  but the assay from  
Monticella was  $\frac{76}{100}$  of one percent  
Thanks a lot for the negative  
and about your big piece of

The new york  
assay was  $\frac{78}{100}$

THE RILEY BAKER'S  
MISS BARBARA-MAGGIE-RILEY  
URANIUM PETRIFIED WOOD SPECIMENS  
CAMERON, ARIZONA

wood will bring it down some  
time this winter as we going  
down there ever once in a  
while do you still want about  
500 lbs of it. The other day I  
got this nice paper and one  
hundred envelopes in the  
mail no name. Some nice  
Santa Clause. Don't you think  
well Mr Dunning will let you  
know about the last load as  
soon as we hear. Hope you  
can come up in the spring

As ever  
Mrs Riley Baker.

November 1, 1949

Mrs. Riley Baker  
Cameron, Arizona

Dear Mrs. Baker:

We were glad to hear that you have developed a successful specimen business and hope it keeps up. We have referred several people to you.

I am enclosing the negative of Barbara and think it should make a good card after all the publicity.

We received the copy of the settlement sheet on your first shipment but we are wondering if you made any other shipments and how they came out. Please let us know.

We never did get a definite report on the little black pieces except that they were "probably" pitchblende or some similar mineral. It was very active and if you can get any quantity something should be done about it.

We would like to make a trip up there but it doesn't seem to be possible this fall or winter because of our short travel allowance. Maybe in the spring.

Don't forget that big piece you were to save for us. How can we get it down here?

Yours sincerely,

CHD:mh  
Enc.

Chas. H. Dunning  
Director



975 Detroit Str t Denver 6 Colo  
16 August 1949

The Riley Bakers  
Cameron  
Arizona

Attention Mrs Maggie Baker

Dear Mrs Baker:

Mr F C Hardy an Inspector of the Bureau of Explosives of the Assn. American Rail Roads was with me this morning over two hours, testing out my specimens with a view as to whether or not they could move via Mail under the 10 milli-roentgens per twenty-four hour ruling by the Post Office Department.

Only my very highest grade Carnotite and excellent Pitch-blende did not meet the tests satisfactory, and they shall have to move via Express.

Your ores the very best pieces were also tested, those which under the Geiger-Muller counter were up to some 6% U-3 O-8 stood the test OK too.

*This is the big tree Barbara had her picture on.*

Mr Hardy has been to Grand Junction to test some of the samples which came in via mail from prospectors, and with one or two exceptions they all came out OK. Of course where Thorium and a large mass of Pitchblende is concerned, then Express is the safest.

What we are now trying for is 200 milli-roentgens per 24 hours, that will not be any great hazard to films in the mails, which are not yet developed, and the P. O. Department with ordinary care - can protect the films.

Thus you can use the shipping containers to ship your specimens in, and ship via mail, also send the Carnotite I sent you via mail, for Mr Hardy tested a full pound of my 9% grade in the container, and it did hit 9 milli-roentgens per hour, but under the wire.

Shortly I expect the Carnotite from back East, then I make up the shipment of Uranium ores to the Aggies and the University of S. C., and if you wish to do in two nice pieces, send them along for me to include in the shipment and give your name credit for them.

O'Henry Alcorn's pictures came out fine, I had one of my sons-in-law try them on his silver screen last night - he is a very expert amateur on color photography, he says they are excellent.

It is to be hoped you are holding the yellowest trees for specimens, they will bring in much more that way than if sold for ore.

Yes, I need a new ribbon for the typewriter, and with every GOOD wish you all, and hoping to hear from you soon, with Good news, I wish to remain.

sincerely,

*C. Richard Redington.*



Camp

May 13 1949.

Mr Chas H Dunning

Phoenix Ariz.

Dear Mr Dunning,

We'll  
answer your nice letter  
we received yesterday mailed  
May 5.

Well we have moved our  
trailer house up here and  
have a nice trail started  
up the hill. in fact it  
is half done.

The boys are up at Jacob  
lake to day after a water  
tank. We have 10 burros  
coming to morrow. We  
figure on 15 when we  
get started. We think it  
fine for you to write an article  
for the Arizona Highways

I really always liked The  
Arizona Highway Magazine. Barbara  
got the pictures and I think  
what you wrote about the  
rocks has helped her some.  
The man where we went  
to have a cold drink gave  
her a nice scrape book  
run out of ink am sorry  
now any time you want to  
send any one up here we  
are camped right at the  
bottom of the hill just where  
we left the cars almost. we  
have ever thing going  
nicely thanks to you.

How would you like one of these  
slabs. If we can get a rock  
sized made we are going to  
try and bring them down  
with out breaking them.

Here hoping you are fine  
and will come and see

us again on the trail will  
not be so bad this time  
hope your heel got alright  
now thanks for everything  
give Mr Manning our regards.  
Having baskets of fun.  
We may take the first load  
to Monticello.

Outside of that you will  
always find us here.  
Don't worry about your  
specimens

So long now  
Riley-Maggie Baker

July 13, 1949

Atomic Energy Commission  
Box 270  
Grand Junction, Colorado

Gentlemen:

We are sending you a little vial enclosing a small black chunk that is high radioactive.

Although it may not be apparent, this piece is actually petrified wood.

Such a black radioactive mineral often occurs in petrified wood but it has heretofore been impossible to get enough of it in one chunk to make an identification.

This specimen comes from Mrs. Baker at Cameron. Can you now tell us what it is?

Yours very truly,

Chas. H. Dunning  
Director

CHD:mh

July 13, 1949

Mrs. Riley Baker  
Cameron, Arizona

Dear Mrs. Baker:

The little pieces you sent were very hot - especially the smaller ones. We note that the larger piece is petrified wood and presume the smaller ones are also.

What this very hot black mineral is we do not know, but have seen it before in some specimens of "wood". Specialists have merely stated that it is no doubt some uranium oxide. Now that you have given us some better specimens we will send them on and try to find out.

Hope your shipment turned out good. We just had a report on the original sample we sent to the Atomic Energy Commission at New York, and it was .78%  $U_3O_8$  and .12% vanadium. If your shipment held up to this there should be a little profit for you.

Keep us posted.

Yours sincerely,

Chas. H. Dunning  
Director

CHD:mh

P.S. The satisfaction of seeing you folks do well for yourselves will be plenty of "tip".

July 7, 1949

Mrs. Riley Baker  
Cameron, Arizona

Dear Mrs. Baker:

We cannot detect any activity in the sample you sent - certainly not enough to be commercial.

I hope your shipment comes out well and be sure to let us know. And save us some good specimens.

Yours sincerely,

Chas. H. Dunning  
Director

CHD:mh



Cameron Ruiz.

Oct 22 1949.

Mr C Dunning.

Phoenix Arizona

Dear Mr Dunning.

Just a line  
this morning as to day is mail  
day and I can't mail it I have  
been thinking of writing for  
several days. I am sending  
you a letter I have from Denver  
sounds pretty good don't <sup>you</sup> think?  
I have been selling quite a  
few small samples and I  
guess we will be here this winter  
we have found quite a few more  
tree in south bank. Mr Dunning  
would you send me the film of  
Barbara on the big tree. I want to  
have some postcard made  
and I will return it when



Camp  
July 3. 1949.

Mr Chas H Dunning  
Phoenix Ariz

Dear Mr Dunning

Just a line to  
tell you I am sending some  
samples from around the  
big tree and would you let  
us know if it is good.  
We have delivered 10 tons in  
Monticella but haven't got the  
check. so don't know yet what  
it is going to bring the check  
should be here some time  
next week.

It has started to rain around  
here ~~so~~ it is not so hot now.  
We'll come and see us when  
you are up this way.

You will have some beautiful  
wood from the big tree it  
is much better in the ground.  
Sincerely Mrs Baker.

May 5, 1949

Mr. or Mrs. Riley Baker  
Cameron, Arizona

Dear Mr. and Mrs. Baker:

Well how does it feel to be famous? Hope you have a lot of fun which you all deserve.

I have been asked by the Arizona Highways to write an article, and they will send a photographer.

This sort of thing seems good for the state, and for our department, and we hope for yourselves. And it would be best to get it done before it gets cold.

So please let us know how we can contact you quickly, or where to send a photographer or anyone who needs to be shown around.

We have talked to the Atomic Energy Commission and should have all the answers for you before June 1st. Monticello looks most feasible. In the meantime you can safely proceed with a burro or a sled trail. Don't forget us on a quantity of nice specimens.

Yours sincerely,

Chas. H. Dunning  
Director

CHD:mh

April 29, 1949

Atomic Energy Commission  
Raw Materials Division  
Box 30, Ansonia Station  
New York 23, N. Y.

Attention: Mr. Philip Merritt

Gentlemen:

Mr. and Mrs. Riley Baker of Cameron, Arizona have discovered an area of petrified wood in the Chinle strata of the Vermillion Cliffs north of Navajo Bridge in Northern Arizona.

We have just inspected this find and would judge that there is upward of 100 tons exposed and our guess would be that it would assay 2%-3%  $U_3O_8$  in the form of carnotite. We are sending you a typical specimen under separate cover and are sending average samples to the U. S. Bureau of Mines at Tucson for assay.

The Bakers could start shipping this ore by merely building about two miles of pack train trail and they want to know how to proceed. I told them they would have to obtain a license and submit samples. Should this be done to your Grand Junction division.

To what point would shipment probably be made? We would have to figure out whether to haul to Marysville, Utah, Flagstaff, Arizona, or direct to plant by truck.

We are anxious to help the Bakers in any way possible.

Yours very truly,

Chas. H. Dunning  
Director

CHD:mh