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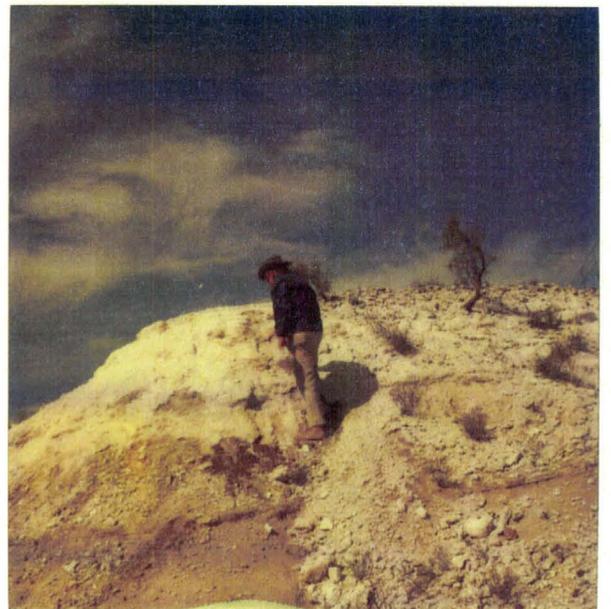
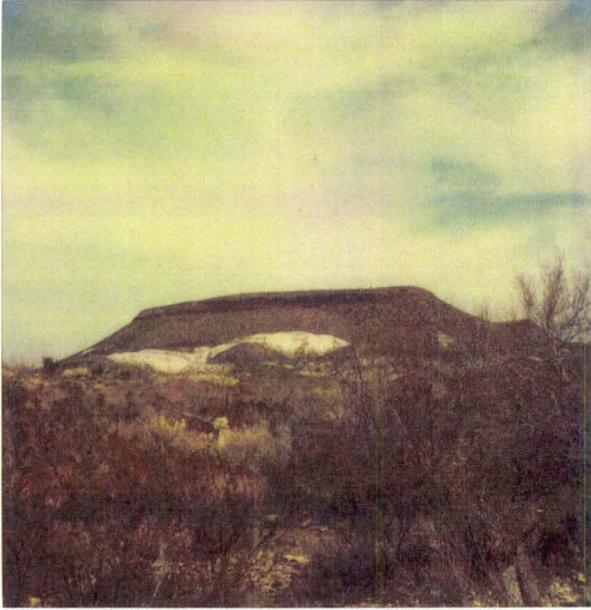
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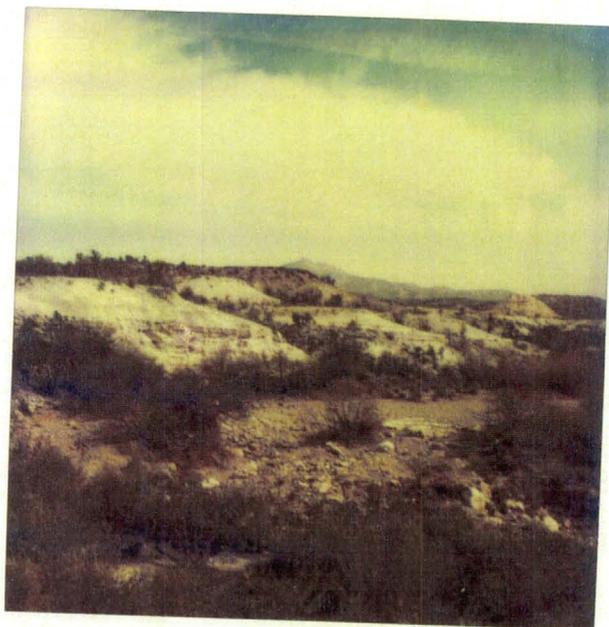
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D.K. MARTIN & ASSOCIATES  
Mining Development & Administration  
4728 N. 21st Avenue  
Phoenix, Arizona 85015

San Carlos-Apache Tribal Counsel  
Land Operations  
Attn: Diana  
San Carlos, Arizona 85550

3/12/82

Dear Sirs:

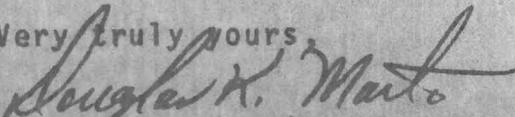
It is our desire to obtain permission to "Walk On" the diatomaceous earth deposit located within the boundaries of your reservation. The localized area lies within six to 12 miles east of Peridote and south of State Highway #70, north of the Gila River.

With your approval, we will be on the property March 23rd and 24th to observe the occurrence of the diatomite, extent and mineability.

Since this material is not a precious metal nor a commodity such as oil, coal, or gas, we desire to know the type of mining lease available, terms, conditions, and requirements of same.

Anxiously awaiting your reply,

Very truly yours,

  
Douglas K. Martin

DKM/dm  
cc: BIA



Information: 505/835-5420  
Publications: 505/835-5410

## New Mexico Bureau of Mines & Mineral Resources

Socorro, NM 87801

A DIVISION OF  
NEW MEXICO INSTITUTE OF MINING & TECHNOLOGY

March 15, 1982

*New Mexico Geol. Society  
Order: Special Publication # 7 by James Rattle*

*Tom Finwell*

Mr. Doug Martin  
4728 N. 21st Avenue  
Phoenix, AZ 85015

Dear Mr. Martin:

Thank you for your inquiry concerning diatomite in southwestern New Mexico. The only published material on diatomite in New Mexico is from our Bulletin 87, published in 1965; I am enclosing a copy of the section. As you can see, it is not very helpful.

However, I do have a few leads for you. Professor W.E. Elston (Dept. of Geology, University of New Mexico, Albuquerque, NM 87131, Tel: 505/277-4204) and his students have been very active in southwestern New Mexico during the last 15 years. Numerous theses have been completed, and I am sure that Dr. Elston would be pleased to discuss the results with you. I seem to recall that a very recent thesis by Randy Albright included descriptions of fresh-water lake deposits. With respect to the Lordsburg Valley, you may wish to contact Dr. C.H. Thorman of the U.S.G.S. (U.S.G.S.-CMR, M.S. 930, Box 25046, DFC, Lakewood, CO 80225, Tel: 303/234-3830). Thorman and Harald Drewes of the Survey have recently completed a series of geological maps of the Peloncillo and northern Pyramid Mountains and the intervening valleys. Finally, Occidental Minerals has recently conducted an extensive uranium exploration program in the region, including the north end of the Animas Valley and the Lordsburg Valley. Their work included a considerable amount of drilling, My understanding is that Oxymin is essentially withdrawing from further uranium exploration. An inquiry to them concerning their subsurface data might prove fruitful, especially if you would consider a joint-venture. You may wish to contact Gary D. Slusher, Senior Geologist (Occidental Minerals Corp., Irongate Bldg. 4, 777 S. Wadsworth Blvd., Lakewood, CO 80225, Tel: 303/988-2200). Alternatively, you may wish to contact Oxymin's Industrial Minerals Group through Clyde Johnson, Vice President (same address and phone).

*Ordered 3-18-82  
will send copy*

I hope that this information is useful to you. If you have any questions or if you need further assistance, please contact me.

Sincerely,

*Mark J. Logsdon*

Mark. J. Logsdon  
Industrial Minerals Geologist  
Tel: 505/835-5334

MJL:lm

Encl.

Dizine

BIA

San Carlos

1-475-2321