

STATE OF NEVADA }
 } ss.
COUNTY OF WASHOE }

ROBERT L. REDMOND, first being duly sworn, deposes and says:

I am familiar with those contiguous mining claims situated in the Fourmile Area, Cortez Range, Cortez Mining District, Esmeralda County, Nevada, known and designated as the Falcon, Falcon Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, and 44, Ina Nos. 1, 2, 3, 4, Pat Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, and 62, and do make this affidavit on behalf of Martel Mining Company, the owner thereof.

For and with respect to the assessment year September 1, 1963, to September 1, 1964, there was performed, or made on, or for the benefit of each of the said claims, at least \$100.00 worth of labor, said work having a total value in excess of \$10,700.00. Such work was done during the period from September 2, 1963, to September 1, 1964.

Such work performed and improvements made included the following: road repairs, building new roads, trenching to expose mineral, cuts for geology, drill sites, reservoirs for water for drilling, and other bull-dozing using an HD-16 and a D-6, such work being done from August 4 to August 22, 1964; drilling two holes in geochemical and geophysical anomalies to expose mineral, using Boyles Bros. drill No. 809; geophysical, geochemical, and geological surveys. The geophysical survey consisted of self-potential and natural current surveys in areas deemed favorable by geological, geochemical, and/or geophysical data; the geochemical survey consisted of long traverses across the claims from Mill, Horse, and Willow Canyons to Fourmile Canyons, in addition to shorter traverses in Fourmile Canyon, collecting samples for copper, lead, zinc, molybdenum, and arsenic determinations, and for mercury to determine possible mercury haloes; the geological survey included some general structural mapping, collecting samples for age-determinations, mapping geologic units, logging drill samples, and correlation.

The basic findings from such work included: (1) a well defined self-potential anomaly was delineated on the Pat 20-23-26-30 claims, and another anomaly was found and delineated on the Pat 38-39 claims. Many less intense zones appears to be anomalous, and should be delineated; (2) mercury was anomalous in the area of F-7 drill hole, and at several place between Mill Canyon and Fourmile Canyons along the traverse, and should be defined by further work to determine if such mercury haloes might be useful in exploration; (3) copper, lead, and zinc were also anomalous in some areas; (4) structural geology appears to be more important than previously thought, and more detailed work is indicated; (5) drilling showed the presence of sulfides in one of the holes into an anomalous area.

Such work and improvements were performed or made at the instance of, and for the benefit of, and at the expense of Martel Mining Company, pursuant to its contractual obligations with respect to such claims. Such work was performed under the general supervision of Robert L. Redmond, Geologist, assisted by Edmond F. Lawrence, E. L. Stephenson, Helen K. Lawrence, William L. Wilson, A.K. Wilson, Jr., J.E. Barnes, Roy Edwards, and others. Edmond F. Lawrence is a Consulting Mining Geologist, and E.L. Stephenson is a Consulting Geophysicist and Geologist. The above geological, geochemical, and geophysical work was not repetitive of previous surveys.

Robert L. Redmond is a geologist, holding a B. S. degree in geology from the University of Oregon, and with one year of graduate work in geology at the University of Oregon, and with ~~3~~ 4 years of engineering at the Los Angeles City College. His experience includes 1 year as a geologist for the Corps of Engineers, 2½ years with the Atomic Energy Commission as a Project Geologist, 6 years with Pacific Uranium Corporation as Chief Geologist and Manager, 3 years with Roberts and Associates as Chief Geologist, and 1 year with Martel Mining Company as Chief Geologist and General Manager.

Robert L. Redmond
Robert L. Redmond
Chief Geologist
Martel Mining Company
1080 Pine Ridge Drive
Reno, Nevada

Subscribed and sworn to before me
this 27th day of October, 1964

Harold A. Ruzgar
Notary Public for the State of Nevada
County of Washoe

My commission expires February 18, 1967.



FILE NO. 40422

Filed for record at the request of Edmond F. Lawrence
October 28, 1964 at 15 minutes past 1 P. M. Recorded in
Book 6 of Official Records, page 166-167, Records of EUREKA
COUNTY, NEVADA.
Fee: \$ 28.80

William A. McCarl
Recorder.