



Homestake Mining Company of California

David W. Pierce
Closure Manager

March 9, 2020

Mr. Christopher Burrus
Office of the State Engineer, District I
5550 San Antonio Dr., NE
Albuquerque, New Mexico 87109-4127

40-8903

**RE: Homestake Mining Company's (Homestake) Water Use Report Letter of
Information No. 706 for February 2020**

Dear Mr. Burrus,

This information is relative to files 1605 and B-28 for February 2020.

On February 24, 2020 the meter readings for Deep Well #1 (B-28-S), Deep Well #2 (B-28-S-1) and well 951R (B-28-POD1340) were 541,737,984, 757,889,000 and 848,794,000 gallons, respectively. Only Deep Well #2 had water usage this month. Well 951R was sampled in February. Monthly meter readings and volumes of water usage are presented in Table 2.

Metered gallons of 20,572,300 [total water injected] or 63.1 acre-feet (see next to last column in Table 1) were injected into wells in the San Mateo alluvial aquifer and the Upper and Middle Chinle aquifers, all located in Sections 26, 27, 28, 34 and 35 T12N, R10W and Section 3 T11N, R10W. As stated in Permit No. 1605 and B-28 Temp, Homestake requests return flow credits for water that is returned to underground aquifers. A portion of this injected water was shallow aquifer water treated by reverse osmosis and zeolite.

A monthly total of [industrial diversion] 23,555,280 metered gallons or 72.3 acre-feet (see tenth column in Table 1) of water were pumped from Homestake's production wells, of which 20,572,300 metered gallons [total water injected], were returned to the Bluewater underground water basin. Metered water used for industrial purposes was [industrial consumption] 2,982,980 gallons or 9.2 acre feet for February.

Thank you very much for your time and attention, if you have any questions regarding the foregoing information, I can be reached at 505-238-9701.

Respectfully,

David W. Pierce

NMSS01

David W. Pierce
Closure Manager
HOMESTAKE MINING COMPANY OF CALIFORNIA



Grants Project

Homestake Mining Company of California

Monthly Water Usage Report to NM OSE

Copy To:

Document Control Desk, NRC, Washington, DC (w/encl.)
R. Linton, NRC, Rockville, Maryland (electronic copy)
A. Winton, NMED, Santa Fe, New Mexico (electronic copy)
M. Purcell, EPA, Dallas, Texas (electronic copy)
B. Tsosie, DOE, Grand Junction, Colorado (electronic copy)
G. Hoffman, Hydro-Engineering, Casper, Wyoming (electronic copy)

**TABLE 1. HOMESTAKE RESTORATION VOLUME
WATER DIVERSION, INJECTION AND CONSUMPTION, (AC-FT)**

[illegible][illegible]

**TABLE 2. HOMESTAKE SAN ANDRES WELLS' MONTHLY
METER READINGS AND VOLUMES**

2020	Deep#1 (B-28-S)		Deep Well #2 (B-28-S-1)		Well 951R (B-28-POD1340)	
	Meter Reading	Total Volume (gal)	Meter Reading	Total Volume (gal)	Meter Reading	Total Volume (gal)
Dec. 2019	541,737,984		735,498,000		848,791,000	
Jan	541,737,984	0	746,431,000	10,933,000	848,791,000	0
Feb	541,737,984	0	757,889,000	11,458,000	848,794,000	0
Mar	541,737,984	0	757,889,000	0	848,794,000	0
Apr	541,737,984	0	757,889,000	0	848,794,000	0
May	541,737,984	0	757,889,000	0	848,794,000	0
Jun	541,737,984	0	757,889,000	0	848,794,000	0
Jul	541,737,984	0	757,889,000	0	848,794,000	0
Aug	541,737,984	0	757,889,000	0	848,794,000	0
Sep	541,737,984	0	757,889,000	0	848,794,000	0
Oct	541,737,984	0	757,889,000	0	848,794,000	0
Nov	541,737,984	0	757,889,000	0	848,794,000	0
Dec	541,737,984	0	757,889,000	0	848,794,000	0
TOTAL		0		22,391,000		0