

04008903410E

HOMESTAKE MINING COMPANY

40-8903

P.O. BOX 88
GRANTS, NEW MEXICO 87020
(505) 287-4456

RETURN ORIGINAL TO PDR, HQ.

October 31, 1990

Mr. Ramon Hall, Director
Uranium Recovery Field Office
U.S. Nuclear Regulatory Commission
730 Simms Street, Suite 100
Lakewood, Colorado 80225



Dear Mr. Hall:

Homestake Mining Company of California (Homestake) takes this opportunity to request an amendment to this Radioactive Materials License No. SUA-1471.

Homestake has installed three new monitoring wells for point of compliance. The three new wells will be labeled M5, S3 and S4. The attached well logs show the completion details of the three new point of compliance wells. The three new wells have been sampled. Results of these samples will be presented in the next semiannual report.

Well M5 was drilled at the location where previously established. Wells S3 and S4 are located on 600 ft. centers on a line from M5 through S1.

The three new wells will be surveyed for elevation and New Mexico coordinates during the quarterly survey of the tailing facility.

If you have any questions or comments please don't hesitate to contact me.

Very truly yours,

HOMESTAKE MINING COMPANY

Mark D. Hiles

Mark D. Hiles
Radiation Protection Administrator

9101030226 901031
PDR ADOCK 04008903 PDR
C

MDH:jg

xc: F. Craft
J. Danni

JF02
11

91-0071

DESIGNATED ORIGINAL

6200229

Certified by Mary C. Hard

An Equal Opportunity Employer

Garner Drilling Co.
Box 3146
Milan, N.M. 87021

To:
Homestake Mining Co.
Box 98
Grants, N.M. 87020

10-1-90 Hole # 1 Well M5

0	8	Sand
8	37	Tan shale & sand lenses
37	48	Red shale
48	63	Tan sand & shale
63	84	sand, shale & gravel wash
84	95	Chinle

0	60	5 in. blank PVC
60	90	screen
90	95	blank

T.D. 95 ft.
62 sks. sand
Centralizers at 55, 70, & 85 ft.
12 gpm
Casing, sand pack & development
time 5 hrs.

10-2-90

Hole # 2 Well 83

0	62	tan sand & shale
62	90	sand & gravel
90	102	sand & black shale
102	105	red & white shale
105	116	sand & coarse gravel
116	125	chinle

0	60	5 in. blank PVC
60	120	screen
120	125	blank

T.D. 125 ft.
75 sks. sand
Centralizers at 55, 75, 95 & 115 ft.
34 gpm
Casing, sand pack & development
time 5 hrs.

10-4-90

Hole # 3 Well S4

0	53	tan shale & sand
53	90	sand & gravel
90	98	black sandy shale
98	104	red & white shale
104	108	gravel
108	115	chinle

0	50	5 in. blank PVC
50	110	screen
110	115	blank

T.D. 115
72 sks. sand
Centralizers at 45, 65, 85, & 105 ft.
12 gpm
Casing, sand pack & development
time 4.5 hrs.

All holes are 10 in. holes.