0400 8903 4108

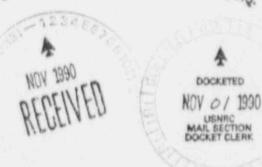
HOMESTAKE MINING COMPANY

P.O. BOX 98 GRANTS, NEW MEXICO 87020 (505) 287-4456 40-8903

RETURN ORIGINAL TO POR, 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

Radiation Protection Administrator

9101030226 901031 PDR ADOCK 0400E903

MDH: jg

xc: F. Craft J. Danni

CASIGNATED ORIGINAL

Bertified Sy many C. Hard

An Equal Opportunity Employer

91-0071

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 60	5 in. blank PVC
0	8	Sand	60 90 90 95	blank
8	37	Tan shale & sand lenses	T.D. 95 ft.	DIEIN
37	48	Red shale	62 sks. san	đ
63	63 84	Tan sand & shale sand, shale & gravel wash	Centralizer	s at 55,70,6 85 ft.
84	95	Chinle	12 gpm	d pack & developemen

10-2-90 Hole # 2 Well 83 62 tan sand & shale 0 sand & gravel sand & black shale 62 90 102 90 red & white shale 105 102 sand & coarse gravel 116 105 116 125 chinle

10-4-90 Hole # 3 Well S4 53 - tan shale & sand 0 sand & gravel 53 90 black sandy shale 90 98 red & white shale 98 104 gravel 108 104

chinle

All holes are 10 in. holes.

115

108

sand pack & development time 5 hrs. 60 5 in. blank PVC 0 120 screen 60 125 blank 120 T.D. 125 ft. 75 sks. sand

Centralizers at 55,75,95 & 115 ft.

Casing, sand pack & development

time 5 hrs.

5 in. blank PVC

50 5 in.blank PVC 110 screen 50 115 blank 110 T.D. 115 72 sks. sand Centralizers at 45, 65, 85, & 105 ft. 12 gpm Casing, sand pack & development time 4.5 hrs.