

**From:** [Brad Bingham](#)  
**To:** [Ron Linton](#)  
**Cc:** [Adam Arguello](#); [Daniel Lattin](#); [Anna M Cruz Landschoot](#)  
**Subject:** [External\_Sender] Well 986 Plugging Report  
**Date:** Monday, January 9, 2023 12:45:53 PM  
**Attachments:** [Well # 986, Nov. 2, 2022.pdf](#)  
[Varriance Approval Letter.pdf](#)

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Mr. Linton,

As requested, I have attached the plugging report for well 986, as well as the approved variance from the New Mexico Office of State Engineer. Please let me know if you have any questions.

Respectfully,



**Brad R. Bingham**

Closure Manager – Grants Reclamation Project  
Homestake Mining Company of California

Tel: (505) 287-4456  
Mobile: (505) 290-8019



**STATE OF NEW MEXICO**  
**OFFICE OF THE STATE ENGINEER**

**ALBUQUERQUE**

**Mike A. Hamman, P.E.**  
NEW MEXICO STATE ENGINEER

5550 San Antonio Drive, NE  
Albuquerque, NM 87109 (505) 383-4000

September 22, 2022

**File:** B-700 (Well 986)

**Permittee:** Homestake Mining Company  
c/o Brad Bingham  
PO Box 98  
Grants, NM 87020

**Re:** Approved Variance Request for the Plugging Plan of Operations for Well B-700 (Well 986)

Greetings:

Your variance request is approved subject to the conditions below:

1. Wellbore B-700 shall be sufficiently cleaned out to allow perforating from 160 fbgl or 50 feet below the lower Chinle aquifer, whichever is deeper.
2. The B-700 wellbore shall be perforated from 160 fbgl or 50 feet below the lower Chinle aquifer, whichever is deeper, to an upper depth of 5 fbgl or shallower.
3. The NMOSE approved sealant is an API Class B cement hydrated with 5.5 gallons of water per 94-lb sack.
4. The NMOSE approved sealant shall be placed by the tremie method from the base of the cleaned-out wellbore to ground surface. The bottom of the tremie pipe shall remain submerged in the sealant throughout the entire sealing process.

5. Should the NMED or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.
6. NMOSE witnessing of the perforating and plugging operations will be required. NMOSE witnessing may be requested during normal work hours by calling the District 1 NMOSE Office at 505-383-4000, at least 48-hours in advance. NMOSE inspection will occur dependent on personnel availability.

If you have any questions, please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to be 'Ian Hewitt', with a stylized, overlapping loop structure.

Ian Hewitt  
Water Resource Professional  
NMOSE District 1  
(505) 383-4000

IH;ih; copy: WATERS



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: B-00700

Well owner: Homestake Mining Company

Phone No.: (505)287-4456

Mailing address: PO Box 98

City: Grants

State: New Mexico

Zip code: 87020

## II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Coyote Drilling

2) New Mexico Well Driller License No.: WD 1451

Expiration Date: July 24

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Weston Bohannon, Trace Burgoon

4) Date well plugging began: 07-27-22

Date well plugging concluded: 11-2-22

5) GPS Well Location: Latitude: 35 deg, 13 min, 38.6 sec  
Longitude: 107 deg, 53 min, 18.2 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 360 ft below ground level (bgl),  
by the following manner: Tagged with drill pipe.

7) Static water level measured at initiation of plugging: 328 ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 09-22-22

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Please see the approved variance request for the Plugging Plan of Operations for well B-700.

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0	Portland Cement API class B 5.5 gal/94lb sack	194 Gallons	164 Gallons 5" Casing	Tremie Pipe	Perforations were placed from 160'bgl to the surface, using 3 columns spaced out 120 degrees apart.
100					
200	Portland Cement API class B 5.5 gal/94lb sack	212 Gallons	205 Gallons 5" Casing	Tremie Pipe	The bottom 20' section was perforated using 3 columns spaced out 120 degrees apart.
300					
400					

MULTIPLY	BY	AND OBTAIN
cubic feet x 7.4805	=	gallons
cubic yards x 201.97	=	gallons

### III. SIGNATURE:

I, Weston Schannon, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Weston Schannon  
Signature of Well Driller

11/2/22  
Date