

#2

WELL DRILLERS REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO.

PRINT OR TYPE ONLY

1. OWNER Freeport McMoran Gold Corp. ADDRESS AT WELL LOCATION Big Springs
 MAILING ADDRESS c/o Kennedy/Jenks/Chilton
421 Court St., Elko, Nevada 89801

2. LOCATION NW 1/4 NW 1/4 Sec. 3 T. 42 N. R. 54 E Elko County
 PERMIT NO. _____ Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. Abandon TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Started 6/9/87 Complete 6/29/87				
T.D. 1,500'				
Back filled for pump testing to 795'				
Start abandonment 8/12/87				
S.W.L. 67'				
Set 2" tremie @ 739'				
Pumped 17 1/2 cubic yds. grout - 50% cement 50% sand				
Completed 8/13/87				
<i>Completion Log #</i>				

8. WELL CONSTRUCTION

Diameter hole _____ inches Total depth _____ feet
 Casing record _____
 Weight per foot _____ Thickness _____

Diameter	From	To
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type _____
 Depth of seal _____ feet
 Gravel packed: Yes No
 Gravel packed from _____ feet to _____ feet

Perforations:
 Type perforation _____
 Size perforation _____
 From _____ feet to _____ feet
 From _____ feet to _____ feet

9. WATER LEVEL

Static water level _____ feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ ° F. Quality _____

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name THOMPSON DRILLING CO., INC.
4185 West Harmon Contractor
 Address Las Vegas, Nevada 89103 Contractor
 Nevada contractor's license number 4286A
 Nevada contractor's drillers number 290
 Nevada driller's license number 856 (Griffiths) Actual Driller
 Signed Richard K. Thompson Contractor
 Date August 25, 1987

BAILER TEST

G.P.M.	Draw down	feet	hours

TEST WELL NO. 2 - Plugging and Abandonment Procedure

Thompson Drilling Co. drilled Test Well No. 2 to a total depth of 1,500 feet for Freeport-McMoRan Gold Company. The test well, located in the NW1/4 NW1/4 Section 3, T.42N., R.54E., MDM, was drilled under application no. 50672, waiver to drill C-30 issued by the Nevada State Engineer April 1, 1987.

Drilling was completed June 29, 1987 and the rig moved off site to allow results of drilling to be analyzed. The fluid level at this time was measured at 67 feet below ground level and the hole was left uncased with the exception of a section of 6"Ø PVC that was stuck between 940 and 1300 feet. Mud viscosity when the casing was run was reported to be 32 seconds by Kennedy/Jenks/Chilton's engineer.

Thompson Drilling Company remobilized on site on Aug. 12, 1987 and plugged and abandoned the hole as follows:

- 1) Fluid level measured at 67 feet below ground level.
- 2) Ran in 2"Ø threaded and coupled galvanized steel grouting pipe, and tagged top of fill at 745 feet. Pulled grouting pipe back 6 feet.
- 3) Pumped 17½ cubic ^{yards} ~~feet~~ of cement grout (1 part cement and 1 part mortar sand), periodically removing grout pipe to stay above grout, and filled hole with cement grout to ground level.
- 4) Plugged and abandonment completed and rig moved off site Aug. 13, 1987.