WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

Well #4

PRINT OR TYPE ONLY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 30751
Permit No. 53272
Basin 3-37 Owyhee River Area

NOTICE OF INTENT NO.

1. OWNER Freeport McMoRan Gold
MAILING ADDRESS c/o Chilton Engineering
421 Court St., Elko, NV 89801

ADDRESS AT WELL LOCATION Big Springs

2. LOCATION SW ¼ NW ¼ Sec. 29 T 43 N R. 55 E. Elko County

PERMIT NO. 51802 (Issued by Water Resources) | Parcel No. | Subdivision Name

3. TYPE OF WORK
New Well ☒ Recondition ☐
Deepen ☐ Other ☐

4. MINING PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Clayed sand & gravel		0	80	80
Saand		80	120	40
Clayey sand		120	140	20
Sand,thin clay beds		140	220	80
Clay-silt volcanics		220	270	50
Clay & sand		270	320	50
Clay-silt volcanics		320	350	30
Clay & silt-sand		350	380	30
Clay		380	410	30
Volcanics (bedrock?)		410	428	18

'88 DEC 30 A11:16
RECEIVED
STATE ENGINEER'S OFFICE

Date started Nov. 2, 1988
Date completed ~~Nov.~~ Dec. 16, 1988

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	165	258	10

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. 12½" WELL CONSTRUCTION
Diameter ~~17½~~ inches Total depth 428 feet
..... inches
..... inches
Casing record
Weight per foot ..... Thickness .025

Diameter	From	To
8 5/8 inches	+2 feet	400 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☒ No ☐ Type Cement
Depth of seal 100 feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 100 feet to 428 feet

Perforations:
Type perforation Extra heavy HiCap Screen
Size perforation ~~.070~~ slot .050
From 110 feet to 120 feet
From 126 feet to 146 feet
From 160 - 190 feet to 195 - 225 feet
From 270 - 290 feet to 335 - 345 feet
From 350 - 380 feet to ..... feet

9. WATER LEVEL
Static water level 65 feet below land surface
Flow ..... G.P.M. ..... P.S.I.
Water temperature ..... °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name THOMPSON DRILLING CO., INC. Contractor
Address 4185 W. Harmon Las Vegas, NV 89103 Contractor
Nevada contractor's license number issued by the State Contractor's Board 4286A
Nevada contractor's driller's number issued by the Division of Water Resources 290
Nevada driller's license number issued by the Division of Water Resources the on-site driller 856
Signed Richard K. Thompson
By driller performing actual drilling on site or contractor
Date December 26, 1988

(Rev. 11-85) USE ADDITIONAL SHEETS IF NECESSARY (O)-627