

OFFICE USE ONLY
 Log No. 30752
 Permit No. 53271
 Basin 3-37 Cuyler River Area
 10485

Well #3

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 10485

PRINT OR TYPE ONLY

1. OWNER Freeport McMoRan Gold ADDRESS AT WELL LOCATION Big Springs
 MAILING ADDRESS c/o Chilton Engineering
421 Court St., Elko, NV 89801
 2. LOCATION SE 1/4 SE 1/4 Sec. 30 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
 Domestic Irrigation Test
 Municipal Industrial Stock
 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand & gravel		0	10	10
Clay		10	30	20
Sand & clay		30	70	40
Sands & gravels		70	110	40
Clay & gravel		110	125	15
Sand & gravel		125	140	15
Clayey sand & gravel		140	180	40
Graavel		180	190	10
Interbedded clay & gravel		190	250	60
Clayey sand & gravel		250	300	50
Silty sands		300	330	30
Clay		330	350	20
Sands, minor silt & clay		350	440	90
Volcanic formation				

'88 DEC 30 AM 1:16
 STATE ENGINEERS OFFICE

8. WELL CONSTRUCTION
 Diameter 17 1/2 inches Total depth 440 feet
 Casing record.....
 Weight per foot..... Thickness .025

Diameter	From	To
<u>10</u> inches	<u>+2</u> feet	<u>420</u> 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..... 50 feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 440 feet
 Perforations:
 Type perforation Extra heavy HiCap Screen
 Size perforation .070 slot .050
 From 70 feet to 80 feet
 From 90 feet to 130 feet
 From 174 - 184 feet to 196 - 226 feet
 From 236 - 256 feet to 270 - 320 feet
 From 340 - 410 feet to..... feet

9. WATER LEVEL
 Static water level 75 feet below land surface
 Flow..... G.P.M. P.S.I.
 Water temperature..... °F Quality.....

Date started September 24, 1988
 Date completed October 26, 1988

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>110</u>	<u>320'</u>	<u>24</u>

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.
4185 W. Harmon Contractor
 Address 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 R. Thompson
 By driller performing actual drilling on site or contractor
 Date December 26, 1988

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