



WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 0779

1. OWNER FREEPORT MCMORAN GOLD CO. ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS Big Springs Project
Mountain City Star Route Elko, NV 89801
 2. LOCATION SE 1/4 SW 1/4 Sec 31 T. 43 N/S R. 55 E Elko County _____
 PERMIT NO. _____ Issued by Water Resources _____ Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock Other

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0'	1'	1'
Gravel & clay		1'	50'	49'
Clay & gravel		50'	60'	10'
Gravel		60'	70'	10'
Clay & some gravel		70'	85'	15'
Gravel w/some clay		85'	90'	5'
Clay & gravel		90'	105'	15'
Sand & gravel w/some clay		105'	130'	25'
Sand & gravel		130'	140'	10'
Clay-some gravel		140'	145'	5'
Gravel-some clay		145'	155'	10'
Clay-some gravel		155'	160'	5'
Gravel-some clay		160'	170'	10'
Sand & gravel		170'	190'	20'
Gravel & clay		190'	200'	10'
Sand & gravel		200'	230'	30'
Clay, sand, & gravel		230'	265'	35'
Clay		265'	270'	5'
Gravel-some clay		270'	280'	10'
Clay-some gravel		280'	290'	10'
Gravel & clay layers		290'	315'	25'
First water at 7 feet				

Abandoned hole by filling with cement.
 Grout from bottom to top

8. WELL CONSTRUCTION
 Diameter 5 1/2 inches Total depth 315 feet
 _____ inches
 _____ inches
 Casing record _____
 Weight per foot _____ Thickness _____
 Diameter _____ From 88 feet To _____ 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 4 feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started 5-20 19 88
 Date completed 5-22 19 88

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
Blow Test at 135'		10 gpm	
Blow Test at 175'		30 gpm	

BAILER TEST

G.P.M.	Draw down	feet	hours

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name HACKWORTH DRILLING INC.
 _____ Contractor
 Address P.O. box 850
 _____ Contractor
 Nevada contractor's license number 020582
 issued by the State Contractor's Board
 Nevada contractor's driller's number 1166
 issued by the Division of Water Resources
 Nevada driller's license number issued by the
 Division of Water Resources, the on-site driller 1166
 Signed Dale C. Nelson
 By driller performing actual drilling on site or contractor
 Date 7-11-88