

**WELL DRILLER'S REPORT**

PRINT OR TYPE ONLY

Please complete this form in its entirety

NOTICE OF INTENT NO. 8765

1. OWNER Freeport McMoran Gold CO. ADDRESS AT WELL LOCATION \_\_\_\_\_  
MAILING ADDRESS Mountain City Star Route \_\_\_\_\_  
Elko, NV 89801 \_\_\_\_\_

2. LOCATION NE 1/4 NE 1/4 Sec 20 T. 40 N/S R. 53 E Elko County \_\_\_\_\_  
PERMIT NO. 50675 Issued by Water Resources Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
TOP SOIL		0'	2'	2'
Broken Rock w/some clay		2'	25'	23'
Rock (siltstone)		25'	456'	431'
First water at 80' more water at 120', more at 200' Gradual increase on down to the bottom.				
Set a Grundfos SP-2-12, 1/2 HP, 230 volt pump at 224' on one inch galvanized drop pipe connected to a one inch pitless adapter installed at about _____ feet				
Installed a two inch access port in 7" o.d. casing. Installed a one inch totalizing meter in discharge pipeline from well.				

8. WELL CONSTRUCTION

Diameter 12 inches Total depth 456 feet  
10 inches \_\_\_\_\_ inches

Casing record \_\_\_\_\_  
Weight per foot \_\_\_\_\_ Thickness 172

Diameter	From	To
<u>7 o.d.</u> inches	<u>+2'</u> feet	<u>101'</u> 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 456 feet

Perforations:  
Type perforation Machine slots  
Size perforation 3/16  
From 101 feet to 456 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started September 9 1987  
Date completed September 16 1987

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
Blow Test	About 40	gpm.	

9. WATER LEVEL

Static water level 160 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 HACKWORTH DRILLING, INC. Contractor  
Address P.O. Box 850 Contractor  
Nevada contractor's license number issued by the State Contractor's Board 020582  
Nevada contractor's driller's number issued by the Division of Water Resources 1166  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1166  
Signed Dale C. Veden  
By driller performing actual drilling on site or contractor  
Date 10-5-87

BAILER TEST

G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours