

**WELL DRILLER'S REPORT**

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 6431

1. OWNER FREEPORT-McMORAN GOLD COMPANY ADDRESS AT WELL LOCATION 54 MILES NORTH OF ELKO - BIG SPRINGS MILL SITE  
 MAILING ADDRESS MOUNTAIN CITY STAR ROUTE ELKO, NEVADA 89801 OWYHEE DRAINAGE BASIN - INDEPENDENCE MTS.

2. LOCATION SW 1/4 NW 1/4 Sec. 3 T. 42 N/S R. 54 E. ELKO County \_\_\_\_\_  
 PERMIT NO. C-30 (50672) Issued by Water Resources Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

3. TYPE OF WORK  
 New Well  Recondition   
 Deepen  Other

4. PROPOSED USE #1  
 Domestic  Irrigation  Test   
 Municipal  Industrial  Stock

5. TYPE WELL  
 Cable  Rotary   
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
large cobbles & gravel		0	40	40
gravel w/clay		40	70	30
gravel & sand w/clay		70	85	15
gravel & sand		85	95	10
gravel & sands w/some clay		95	110	15
gravel & sand w/clay		110	180	70
gravel & sand	XX	180	190	10
gravel & sand w/clay	XX	190	280	90
gravel w/clay	XX	280	340	60
gravel & sand	XX	340	390	50
gravel & sand w/thin clay layers	XX	390	490	100

*see log # 28686 for completion*

ELECTRIC WELL LOG BY: \_\_\_\_\_  
 SARGENT IRRIGATION COMPANY

8. WELL CONSTRUCTION

Diameter 8-3/4 inches Total depth 490 feet  
 TO BE REAMED FOR PRODUCTION WELL

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

Date started APRIL 8 1987  
 Date completed APRIL 11 1987

7. WELL TEST DATA

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

BAILER TEST

G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours

9. WATER LEVEL

Static water level \_\_\_\_\_ 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 CHARLES SARGENT IRRIGATION, INC.  
 Contractor \_\_\_\_\_  
 Address 9955 NORTH VIRGINIA STREET RENO, NV  
 Contractor \_\_\_\_\_ 89506

Nevada contractor's license number issued by the State Contractor's Board 21246  
 Nevada contractor's driller's number issued by the Division of Water Resources 1391  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1413  
 Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date APRIL 16, 1987