

STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
**WELL DRILLER'S REPORT**

OFFICE USE ONLY  
Log No. 116964  
Permit No. 053  
Basin

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

Please complete this form in its entirety in  
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 67376

1. OWNER Barrick/Cortez Gold Mines  
MAILING ADDRESS HC 66 Box 1250  
NW Crescent Valley, Nevada 89821

ADDRESS AT WELL LOCATION Horse Canyon  
GRP2-00 EUREKA  
Subdivision Name: County: Lander

2. LOCATION S00 1/4 SW 1/4 Sec 29 T 26 S R 48 E  
PERMIT/WAIVER No. MO-1723 03  
Issued by Water Resources Parcel No.

Latitude \_\_\_\_\_ UTM E 537585  NAD 27  
Longitude \_\_\_\_\_ N 444440.1  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Black Rock with white Veins</u>	<u>X</u>	<u>0</u>	<u>2720</u>	<u>2720</u>
<u>White Rock Quartzite</u>		<u>2720</u>	<u>2840</u>	<u>120</u>
<u>Black Rock White Veins</u>		<u>2840</u>	<u>2950</u>	<u>110</u>
<u>Grey white Rock</u>	<u>X</u>	<u>2950</u>	<u>3050</u>	<u>100</u>
<u>Black Rock</u>		<u>3050</u>	<u>3140</u>	<u>90</u>
<u>Grey white Rock</u>		<u>3140</u>	<u>3180</u>	<u>40</u>
<u>Black Rock White Veins</u>		<u>3180</u>	<u>3230</u>	<u>50</u>
<u>Black + Grey Rock</u>		<u>3230</u>	<u>3260</u>	<u>130</u>
<u>White Rock</u>		<u>3360</u>	<u>3470</u>	<u>110</u>
<u>Black + Grey Rock</u>		<u>3470</u>	<u>3900</u>	<u>430</u>

9. WELL CONSTRUCTION

Depth Drilled 3900 580 Feet Depth Cased 2240 580 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
<u>14 3/4</u>	Inches <u>0</u>	Feet <u>40</u>	Feet	
<u>10</u>	Inches <u>40</u>	Feet <u>1600</u>	Feet	
<u>9 7/8</u>	Inches <u>1600</u>	Feet <u>2240</u>	Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10 1/4</u>	<u>28</u>	<u>.250</u>	<u>0</u>	<u>40</u>
<u>2 3/8</u>	<u>7</u>	<u>.218</u>	<u>0</u>	<u>2240</u>

Perforations:

Type of perforation Mill slot  
Size of perforation .125 Mill

From 0 Blank feet to 2140 feet  
From 2140 Screen feet to 2240 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement 0 to 60  Pumped  Poured  
 Cement Grout 800 to 2030  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 2135 to 2240  Pumped  Poured  
Type: 1/4 Gravel SRI Supreme  
Bentonite Chips:  Yes  No 60 to 800  Pumped  Poured  
Type: 3/8 Hole Plug

Date started: November 1, 20 11  
Date completed: December 6, 20 11

7. Water Level  
Static water level: 1200 feet below land surface  
Artesian Flow: No G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
Water Temperature: Cold °F \_\_\_\_\_  
Quality: Good Clear Yes

8. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>Through Drill Pipe</u>	<u>25</u>	<u>NA</u>	<u>1/2 hr</u>

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Boart Longyear Nevada Contractor  
Address PO Box 2748 Contractor  
Elko, NV 89803

Nevada contractor's license number issued by the State Contractor's Board 0073086  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2368

Signed William M. [Signature]  
By driller performing actual drilling on site or contractor  
Date \_\_\_\_\_

(Rev. 05-00)

USE ADDITIONAL SHEETS IF NECESSARY

40.151009°N NAD27  
116.558726°W Dec 1 Deg