

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

OFFICE USE ONLY

Log No. 108238

Permit No. \_\_\_\_\_

Basin 054 pg 1

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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. 61331

1. OWNER Barrick/Cortez Gold Mine ADDRESS AT WELL LOCATION Cortez Hills  
MAILING ADDRESS HC66 Box 1250 CHPZ-115  
Crescent Valley, NV 89821 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION SW 1/4 NE 1/4 Sec 6 T 26N N/S R 48 E Latitude 40.55469 UTM E 533592.461  NAD 27  
PERMIT/WAIVER No. M/O-1494 Longitude 116.605375 N 4444877.167  NAD 83/WGS 84  
Issued by Water Resources Parcel No. \_\_\_\_\_

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test  Cable  Rotary  RVC  
 Municipal/Industrial  Monitor  Stock  Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium, broken gravel, boulders		0	270	270
Broken Gravel		270	350	80
Gray Rock		350	430	80
Black Rock with Some Gray		430	510	80
Black, Gray-Greenish, Brown Mix Rock		510	530	20
Black Rock with Some Gray Broken		530	910	380
Black, Gray-Greensih, Tan Mix Rock		910	970	60
Black Rock with Some Gray		970	1060	90
Gray rock		1060	1180	120
Black Rock with Some Gray/ Brown		1180	1350	170
Lite Greenish-Gray Rock Broken		1350	1400	50
Hard Sparkely Balck Rock		1400	1520	120
Hard Gray Rock with Some Black		1520	1580	60
Gray - Tanish Clay		1580	1590	10
Gray Rock		1590	1910	320
Black Rock		1910	1920	10

9. WELL CONSTRUCTION

Depth Drilled	1920	Feet	Depth Cased	1920	Feet
HOLE DIAMETER (BIT SIZE)					
12 1/4	0	From	40	To	
6 3/4	Inches	40	Feet	830	Feet
6 1/2	Inches	830	Feet	1410	Feet
6 1/4	Inches	1410	Feet	1920	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		.188	0	40
2		Sch 80 PVC	0	1920

Perforations:

Type of perforation Slotted  
Size of perforation 0.02

From Blank PVC 0 feet to 1720 feet  
From Slotted PVC 1720 feet to 1920 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement 0 to 54  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout 400 to 1718  Pumped  Poured

Gravel Pack:  Yes  No 1718 to 1920  Pumped  Poured  
Type: 1/4" Well Gravel

Bentonite Chips:  Yes  No 54 to 400  Pumped  Poured  
Type: 3/8" Bentonite Hole Plug

Date started: 22-Apr, 20 08  
Date completed: 6-May, 20 08

7. Water Level  
Static water level: 416 feet below land surface  
Artesian Flow: No G.P.M. N/A P.S.I.  
Water Temperature: Cool °F  
Quality: Good

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
<u>N/A 168 GPM water while drilling @ 1920'</u>	<u>168</u>	<u>317.5</u>	

10. DRILLER'S CERTIFICATION

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

Name Eklund Drilling Company, Inc. Contractor  
Address PO Box 2748 Contractor  
Elko, NV 89803

Nevada contractor's license number issued by the State Contractor's Board 0030823  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2298

Signed August Wildenax by (signature)  
by driller performing actual drilling on site or contractor  
Date 5/9/2008

