

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

OFFICE USE ONLY  
Log No. 106692  
Permit No. \_\_\_\_\_  
Basin 054

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. 62753

1. OWNER Barrick/Cortez Gold Mine ADDRESS AT WELL LOCATION Cortez Hills  
MAILING ADDRESS HC66 Box 1250 Hole #CHPZ-95  
Crescent Valley, NV 89821 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION SW 1/4 SW 1/4 Sec 31 T 27N N/S R 48 E Latitude 40.163123 UTM E 532954.7071  NAD 87  
PERMIT/WAIVER No. M/O-1486A Longitude 116.613020 N 4445723.953  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  Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other  Mud

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Gravel	x	0	470	470
Black Limestone		470	530	60
Gray/white Limestone		530	570	40
Black Limestone	x	570	1150	580
Clay Dyke		1150	1170	20
Black Limestone		1170	1240	70
Dyke		1240	1290	50
Black Limestone		1290	1310	20
Dyke		1310	1360	50
Grey Limestone		1360	1400	40
Gray/Green Dyke		1400	1540	140
Black/Gray Limestone	x	1540	1800	260
Black Limestone		1800	2190	390
Black Clay		2190	2200	10
Dyke		2200	2430	230
Tan/Gray Limestone	x	2430	2540	110
Red/Brown Limestone		2540	2710	170
Gray Limestone		2710	2890	180
Brown Limestone w/Clay	x	2890	2950	60
Gray Limestone		2950	3000	50
Intermediate casing cemented 0-2410'				

9. WELL CONSTRUCTION  
Depth Drilled 3000 Feet Depth Cased 3000 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
	<u>24</u> Inches	<u>0</u> Feet	<u>60</u> Feet	
	<u>14 3/4</u> Inches	<u>60</u> Feet	<u>2410</u> Feet	
	<u>6 3/4</u> Inches	<u>2410</u> Feet	<u>3000</u> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>16</u>	<u>41</u>	<u>.25</u>	<u>0</u>	<u>60</u>
<u>7 5/8</u>	<u>29</u>	<u>.375</u>	<u>0</u>	<u>2410</u>
<u>2 3/8</u>	<u>5</u>	<u>.213</u>	<u>0</u>	<u>3000</u>

Perforations:

Type of perforation Slotted  
Size of perforation 0.02

From 2500 feet to 3000 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

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

Gravel Pack:  Yes  No 2500 to 3000  Pumped  Poured  
Type: 1/4" SRI Supreme

Bentonite Chips:  Yes  No 60 to 2500  Pumped  Poured  
Type: 3/8" Hole Plug EZ Seal #8 #8 Gravel

7. Water Level  
Static water level: 1435 feet below land surface  
Artesian Flow: No G.P.M. N/A P.S.I.  
Water Temperature: Warm °F  
Quality: Good

8. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Through Drill pipe	<u>89</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 2318

Signed John M. O'Brien  
By driller performing actual drilling on site or contractor

Date 7/17/2008