

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

OFFICE USE ONLY
Log No. 106089
Permit No. _____
Basin 254 RJL

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. 61364

1. OWNER Barrick/Cortez Gold Mine ADDRESS AT WELL LOCATION Cortez Hills
MAILING ADDRESS HC66, Box 1250 Hole #CHPZ-102
Crescent Valley, NV 89821 Subdivision Name: _____ County: Lander

2. LOCATION SW ¼ SW ¼ Sec 32 T 27N N/S R 48 E Latitude 40.162717 UTM E 534359.461 NAD 27
PERMIT/WAIVER No. M/O-1494 Longitude 116.596526 N 4445685.128 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium, Gravel		0	10	10
Gray Rock w/Redish Tint		10	140	130
Dark Gray Rock w/Brown		140	190	50
Gray rock w/Some Brown		190	290	100
Dark Gray rock w/Brown		290	340	50
Gray, Brown Rock/Some White		340	730	390
Lite Brown w/Green Rock		730	790	60
Lite Gray, Brown & Greenish Rock		790	910	120
Hard Gray w/White Rock		910	1510	600
Brown & White Rock w/Some Gray		1510	1630	120
Plastic - like, gray, black, Greenish Rock		1630	2000	370
1st noticed water @ 1200'				
7 gallons per minute @ 1240'				
10 gpm water @ 1460'				
23 gpm water @ 1540'				
44 gpm water @ 1800'				
61 gpm water @ 1860'				
67 gpm water @ 2000'				

9. WELL CONSTRUCTION

Depth Drilled 2000 Feet Depth Cased 2000 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet	Feet
<u>12 1/4</u>	<u>0</u>	<u>40</u>	<u>1070</u>	<u>1900</u>
<u>6 3/4</u>	<u>40</u>	<u>1070</u>	<u>1900</u>	<u>2000</u>
<u>6 1/2</u>	<u>1070</u>	<u>1900</u>	<u>1900</u>	<u>2000</u>
<u>6 1/4</u>	<u>1900</u>	<u>2000</u>	<u>2000</u>	<u>2000</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8</u>		<u>.188</u>	<u>0</u>	<u>40</u>
<u>2</u>		<u>Sch 80 PVC</u>	<u>0</u>	<u>2000</u>

Perforations:

Type of perforation Slotted
Size of perforation 0.02

From Blank PVC 0 feet to 1660 feet
From Slotted PVC 1660 feet to 2000 feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0 to 52 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout 980 to 1658 Pumped Poured

Gravel Pack: Yes No 1658 to 2000 Pumped Poured
Type: #8 Well Gravel

Bentonite Chips: Yes No 52 to 980 Pumped Poured
Type: 3/8" bentonite hole plug

7. Water Level
Static water level: 1080 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: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>N/A</u>			
<u>67 gallons per minute while drilling @ 2000'</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 Wildeman By driller performing actual drilling on site or contractor
Date 8/7/2008

