

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



OFFICE USE ONLY  
Log No. 105111  
Permit No. \_\_\_\_\_  
Basin 85 854

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. 61250

1. OWNER Barrick/Cortez Gold Mine ADDRESS AT WELL LOCATION Cortez Hills  
MAILING ADDRESS HC66 Box 1250 Hole #CHPZ-59  
Crescent Valley, NV 89821 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION NE ¼ SW ¼ Sec 6 T 26N N/S R 48 E Latitude 40.152398 UTM E 533121.158  NAD 27  
PERMIT/WAIVER No. M/O-1472 Longitude 116.611726 N 4444534.312  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
Broken gravel/alluvium bedrock @ 270'		0	270	270
Redish-tan volcanic rock/clay		270	360	90
Dark redish-brown rock		360	720	360
Dark red/brown with green rock		720	780	60
Dark red/brown rock		780	870	90
Redish, green/gray mix		870	900	30
Red/dark brown/gray mix		900	1280	380
Gray/black/brown mix		1280	1330	50
White clay/gray/brown mix		1330	1370	40
Red/gray/white/brown mix		1370	1480	110
Gray with white rock		1480	1520	40
Redish with white rock		1520	1560	40
Red/gray/black with gray clay		1560	1680	120
Black-gray with white & brown		1680	1730	50
Broken brown/black/gray mix		1730	1810	80
Black-gray mix		1810	1840	30
1st noticed water	360'			
4 gpm	380'			
15 gpm	720'			
30 gpm	760'			
67 gpm	1060'			
100 gpm	1380'			
125 gpm	1480'			
150 gpm	1840'			

9. WELL CONSTRUCTION

Depth Drilled 1840 Feet Depth Cased 1840 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12 1/4 Inches	0	40
6 3/4 Inches	40	900
6 1/2 Inches	900	1840

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	1840

Perforations:

Type of perforation Slotted  
Size of perforation 0.02

From Blank pvc 0 feet to 1740 feet  
From Slotted pvc 1740 feet to 1840 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 340 to 1738  Pumped  Poured

Gravel Pack:  Yes  No 1738 to 1840  Pumped  Poured  
Type: \_\_\_\_\_ #8 Gravel

Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: Pumped heavy mixture abandonite from 340' to surface, then cement seal

7. Water Level  
Static water level: 375 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)
N/A			
150' gallons per minute while drilling at 1840'			

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 m2298

Signed August Wildeman By driller performing actual drilling on site or contractor  
Date 11/28/2007