

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

OFFICE USE ONLY *11824*

Log No. \_\_\_\_\_  
Permit No. \_\_\_\_\_  
Basin *PS-4* *PS-1*

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. 61320

1. OWNER Barrick/Cortez Gold Mine  
MAILING ADDRESS HC66 Box 1250  
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills  
Hole #CHPZ-67

Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION SE 1/4 SE 1/4 Sec 31 T 27N N/S R 48 E Latitude 40.160385 UTM E 534016.98  NAD 27  
PERMIT/WAIVER No. M/O-1486 Longitude 116.602562 N 4445424.705  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  Monitor  
 Municipal/Industrial  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium		0	120	120
White and Pink Clay		120	210	90
Black Rock	Yes	210	480	270
Gray Rusty Rock		480	640	160
Gray Rock w/Green Clay		640	650	10
Gray White Rusty Rock	Yes	650	720	70
Black Rock		720	910	190
Green and White Clay		910	930	20
Black Rock	Yes	930	990	60
Green Clay		990	1040	50
White Clay		1040	1070	30
Gray, Black Rusty Rock		1070	1090	20
White and Green Clay		1090	1100	10
Black Rock		1100	1280	180
Gray Rock w/White Clay		1280	1300	20
Black Rock	Yes	1300	1400	100
Green and White Clay		1400	1450	50
Black Rock		1450	1470	20
Green and White Clay		1470	1480	10
Black Rock		1480	1580	100
Rusty Gray Rock	Yes	1580	1750	170
Black Rock		1750	1800	50
Rusty Gray and Black Rock	Yes	1800	2080	280
Black White Rock		2080	2110	30
White Rock	Yes	2110	2160	50

9. WELL CONSTRUCTION

Depth Drilled 2160 Feet Depth Cased 2160 Feet

HOLE DIAMETER (BIT SIZE)

From	To	From	To
16	0	20	20
7	20	1310	1310
6 3/4	1310	2160	2160

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2 3/8		Sch 80	0	2140
10 3/4		.188	0	20

Perforations:

Type of perforation Slotted  
Size of perforation 3020

From 2140 feet to 2160 feet

Annular Seal:  Yes  No

Neat Cement 0 to 80  Pumped  Poured  
 Cement Grout to  Pumped  Poured  
 Concrete Grout to  Pumped  Poured  
 ≥30% Bentonite Grout to  Pumped  Poured

Gravel Pack:  Yes  No to  Pumped  Poured  
Type: Please see additional sheet for Gravel Pack 1/4" Gravel

Bentonite Chips:  Yes  No to  Pumped  Poured

Date started: 14-Apr 20 08  
Date completed: 29-Apr 20 08

7. Water Level  
Static water level: 738 feet below land surface  
Artesian Flow: No G.P.M. N/A P.S.I.  
Water Temperature: Cold °F  
Quality: Clear

8. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
480	3		.5 Hour
680	25		.5 Hour
980	30		.5 Hour
1400	44		.5 Hour
1640	107		.5 Hour
1920	136		.5 Hour
2160	158		.5 Hour

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 0030823  
issued by the State Contractor's Board

Nevada driller's license number issued by the 1957  
Division of Water Resources, the on-site driller

Signed SE: [Signature]  
By driller performing actual drilling on site for contractor

Date 5/8/2008

