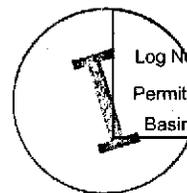


STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
**WELL DRILLER'S REPORT**



OFFICE USE ONLY

Log No. 108751

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. 61106

1. OWNER Barrick/Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Hills  
MAILING ADDRESS HC66 Box 1250 Hole #CHPZ-131  
Crescent Valley, NV 89812 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION SW 1/4 NW 1/4 Sec 31 T 27N N/S R 48 E Latitude UTM E 532742.89  NAD 27  
PERMIT/WAIVER No. M/O-1539 Longitude N 4446448.366  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  
 Municipal/Industrial  Monitor  Stock  Air  Other

5. WELL TYPE  
 Rotary  RVC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Black Rock Limestone		0	110	110
Green & Brown Rock		110	210	100
Black Rock Limestone		210	280	70
Brown & Green Rock Little Clay		280	320	40
Broken Black Limestone		220	380	160
Green Rock with White Clay		380	390	10
Black Limestone		390	540	150
Brown Rock with White Clay		540	560	20
Black & Gray Limestone		560	740	180
Green Rock with Green Clay		740	860	120
Black Limesonte		860	870	10
Green Rock with White Clay		870	890	20
Black Limesonte		890	920	30
Green Rock White Clay		920	930	10
Fractured Black Limestone	x	930	2000	1070

*Plugged by NWI # 64345*

*40.169659°N*  
*116.615470°W*  
*NAD 27 (TA)*

9. WELL CONSTRUCTION

Depth Drilled 2000 Feet Depth Cased 2000 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
13 1/4 Inches	0	20
6 3/4 Inches	20	1540
6 1/2 Inches	1540	2000

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625		.188	0	20
2 3/8		Sch 80	0	2000

Perforations:

Type of perforation Slotted  
Size of perforation 02 Flush Joint

From 0 Blank feet to 1800 feet  
From 1800 Slotted feet to 2000 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ 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 60 to 1460  Pumped  Poured

Gravel Pack:  Yes  No 1798 to 2000  Pumped  Poured  
Type: 1/4" Gravel

Bentonite Chips:  Yes  No 1460 to 1798  Pumped  Poured  
Type: Bensand Grout

Date started: 1-Jun, 2009  
Date completed: 15-Jun, 2009

7. Water Level  
Static water level: 1390 feet below land surface  
Artesian Flow: No G.P.M. N/A P.S.I.  
Water Temperature: Cold °F  
Quality: Good

8. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1340	8		1/2 hour
1820	24		1/2 hour

*40:11100 LI TOP 600Z*

10. DRILLER'S CERTIFICATION

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

Name Boart Lonyear Nevada Contractor  
Address PO Box 2748 Contractor  
Elko, NV 89803

Nevada contractor's license number issued by the State Contractor's Board 0073085 30823  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2368

Signed William Sampson By driller performing actual drilling on site or contractor  
Date 7/1/2009