

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

OFFICE USE ONLY

Log No. 108758

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. 61107

1. OWNER Barrick/Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Hills  
MAILING ADDRESS HC66 Box 1250 Hole #CHPZ-132  
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 40.168404°N UTM E 532752.0675  NAD 27  
PERMIT/WAIVER No. M/O-1539 Longitude 116.615369°W N 4446309.201  NAD 83/WGS 84  
Issued by Water Resources Parcel No. NAS 27 TA

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test  Stock  
 Municipal/Industrial  Monitor

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium Fill		0	20	20
Black Limestone		20	490	470
Tan to Black Limestone	x	490	600	110
Black Limestone		600	770	170
Green Rock with Limestone		770	860	90
Broken Black Limestone		860	890	30
Green Rock with Green Clay	X	890	1150	260
Dark Grey Limesonte		1150	1190	40
Fractured Black Limestone		1190	1310	120
White Chalky Clay	x	1310	1330	20
Green Rock with Green Clay		1330	1430	100
Brown with White Clay		1430	1440	10
Black Limestone		1440	2000	560

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	1220
6 1/2 Inches	1220	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 0.02 Flush Joint

From 0 Blank feet to 1940 feet

From 1940 Slotted feet to 2000 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 1938 to 2000  Pumped  Poured

Type: 1/4" Gravel

Bentonite Chips:  Yes  No 60 to 600  Pumped  Poured

Type: 3/8" Hole Plug Bensead and Sand mix 600 to 1938

Date started: 16-Jun 20 09

Date completed: 1-Jul 20 09

7. Water Level

Static water level: 500 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:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
	<u>65</u>		<u>1/2 hour</u>

10. DRILLER'S CERTIFICATION

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

Name Boart Longyear Nevada Contractor

Address PO Box 2748 Contractor

Elko, NV 89803

Nevada contractor's license number issued by the State Contractor's Board 0073086 30823

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2368

Signed William Templeton By driller performing actual drilling on site or contractor

Date 7/14/2009

(Rev. 05-86)

USE ADDITIONAL SHEETS IF NECESSARY

Plugged by well log 124268