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

OFFICE USE ONLY
Log No. 109904
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. 61129

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

ADDRESS AT WELL LOCATION Cortez Hills
Hole #CHPZ-139
Subdivision Name: County: Lander

2. LOCATION NW ¼ SE ¼ Sec 24 T 27N N/S R 47 E
PERMIT/WAIVER No. M/O-1608
Issued by Water Resources Parcel No.

Latitude 40.195661°N
Longitude 116.622441°W
NAD 27 (T2)

UTM E 532137 [x] NAD 27
N 4449332 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

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

5. WELL TYPE
[ ] Cable [ ] Rotary [x] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Overburden		0	65	65
Alluvium		65	95	30
Rock		95	1160	1065
Well Construction:				
Neat Cement		0	80	
3/8" Hole Plug		80	998	
1/4" Gravel		998	1160	
2" Sch 80 PVC Blank		+2	1000	
2" Slotted PVC & Endcap		1000	1160	

Date started: 15-Dec , 20 09
Date completed: 20-Dec , 20 09

9. WELL CONSTRUCTION
Depth Drilled 1160 Feet Depth Cased 1160 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14	Inches	0	Feet	80	Feet
6 3/4	Inches	80	Feet	980	Feet
6 1/8	Inches	980	Feet	1160	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.188 wall	0	80

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 1000 feet to 1160 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 0 to 80 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [x] Yes [ ] No 1160 to 998 [x] Pumped [ ] Poured
Type: 1/4" Gravel
Bentonite Chips: [x] Yes [ ] No 998 to 80 [x] Pumped [ ] Poured
Type: 3/8" Hole Plug

7. Water Level
Static water level: 624 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: [ ] Bailer [ ] Pump [x] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1160	58		1/2 Hour

STATE ENGINEER'S OFFICE
2010 JAN 11 PM 12:17
RECEIVED

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
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1957
Signed Larry Dailey by [illegible]
By driller performing actual drilling on site or contractor
Date 1/7/10

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY