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

OFFICE USE ONLY
Log No. 113907
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. 66042

1. OWNER Barrick/Cortez Gold Mines
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, Nevada 89821

ADDRESS AT WELL LOCATION Cortez Hills
Chpz-164
Subdivision Name: County: Lander

2. LOCATION SW ¼ NE ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. M/O1644
Issued by Water Resources Parcel No.

Latitude 40.168342°N
Longitude 116.605682°W
NAD 27 (TP)
UTM E 533577 [x] NAD 27
N 4446306 [ ] 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 [ ] RVC
[ ] Air [x] Other flooded

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Boulders		0	80	80
Grey rock		80	360	280
Green rock		360	800	440
Clay		800	860	60
Black rock		860	1300	440

Date started: 18-Sep, 20 10
Date completed: 30-Sep, 20 10

9. WELL CONSTRUCTION
Depth Drilled 1300 Feet Depth Cased 1300 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14	Inches	0	Feet	40	Feet
7 7/8	Inches	40	Feet	1300	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.188	0	40
2 3/8		sch 80 steel	+2	1260
2 3/8		sch 80slotted	1260	1300

Perforations:
Type of perforation slotted
Size of perforation 0.02
From 1260 feet to 1300 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 50 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [x] Yes [ ] No 1258 to 1300 [ ] Pumped [x] Poured
Type:
Bentonite Chips: [x] Yes [ ] No 50 to 1258 [ ] Pumped [x] Poured
Type: 3/8 CHIPS

7. Water Level
Static water level: 600 feet below land surface
Artesian Flow: no G.P.M. n/a P.S.I.
Water Temperature: cool °F
Quality: Clear

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [x] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1300	10		1 hr

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* 2383
Signed (By driller performing actual drilling on site or contractor)
Date 10/6/2010

(Rev. 05-05)

USE ADDITIONAL SHEETS IF NECESSARY