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

OFFICE USE ONLY
Log No. 110159
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. 61132

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

ADDRESS AT WELL LOCATION Crossroads Hole #XRGT1-1T
Subdivision Name: County: Lander

2. LOCATION SE ¼ SE ¼ Sec 5 T 27N N/S R 47 E
PERMIT/WAIVER No. M/O-1603
Issued by Water Resources Parcel No.

Latitude 40.233573°N
Longitude 116.702517°W
NAD 27 (TM)
UTM E 525307 N 4453514
[x] NAD 27 [ ] 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
[x] Air [x] Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Overburden		0	20	20
Alluvium and Clay		20	560	540

Date started: 19-Jan, 20 10
Date completed: 23-Jan, 20 10

9. WELL CONSTRUCTION
Depth Drilled 560 Feet Depth Cased 560 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13 1/4	Inches	0	Feet	20	Feet
7 7/8	Inches	20	Feet	560	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		Sch. 80	+2	520
8	28	.375	0	20

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 520 feet to 560 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 60 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [x] Yes [ ] No 520 to 560 [ ] Pumped [x] Poured
Type: 1/4" Gravel
Bentonite Chips: [x] Yes [ ] No 60 to 520 [ ] Pumped [x] Poured
Type: EZ Seal #8 SRI

7. *Water Level*
Static water level: 500 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Warm °F
Quality: Clear

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
560	5		1 hour

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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 Joel Valley by [illegible]
By driller performing actual drilling on site or contractor
Date 2/25/2010

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY