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

OFFICE USE ONLY
Log No. 110363
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. 61134

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

ADDRESS AT WELL LOCATION Crossroads - Cortez Pipeline
XRGT-3-5
Subdivision Name: County: Lander

2. LOCATION SE ¼ NW ¼ Sec 8 T 27N N/S R 47 E
PERMIT/WAIVER No. M/O-1603
Issued by Water Resources Parcel No.

Latitude 40.227393°N
Longitude 116.706247°W
NAD 27 (+)
UTM E 524992 N 4452827
☒ NAD 27 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

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

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Aluvium		0	680	680
Clay		680	780	100
Gravel		780	840	60

Date started: 26-Jan , 20 10
Date completed: 4-Feb , 20 10

9. WELL CONSTRUCTION
Depth Drilled 840 Feet Depth Cased 840 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14	Inches	0	Feet	20	Feet
7 7/8	Inches	20	Feet	840	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625		.250	0	20
2"		Sch 80 PVC	0	840

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 840 feet to 800 feet
From 800 feet to 0 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 to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 840 to 798 ☐ Pumped ☐ Poured
Type: 1/4" Gravel
Bentonite Chips: ☐ Yes ☒ No 60 to 798 ☐ Pumped ☐ Poured
Type: #8 Bensand

7. Water Level
Static water level: 345 feet below land surface
Artesian Flow: No G.P.M. 5 P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
5 gpm		1hr

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* 2363
Signed Tim Dawson SC
By driller performing actual drilling on site or contractor
Date 2/4/2010

(Rev. 06-08)

USE ADDITIONAL SHEETS IF NECESSARY