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

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

OFFICE USE ONLY
Log No. 112093
Permit No.
Basin 054

NOTICE OF INTENT NO. 6601S

1. OWNER Barrick-Cortez Gold
MAILING ADDRESS HC66 Box 1250
Cresent Valley NV 89821

ADDRESS AT WELL LOCATION CH22-156
Cortez Hills
Subdivision Name: County: Lander

2. LOCATION SE ¼ SW ¼ Sec 31 T 27 N/S R 48 E
PERMIT/WAIVER No. M/O 1633
Issued by Water Resources Parcel No.

Latitude 40.162376° N
Longitude 116.607889° W
NAD 27 (A)
UTM E 533392 N 4415643
☒ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Boulders		0	140	140
Alluvium		140	300	160
Block and grey rock		300	900	600

9. WELL CONSTRUCTION
Depth Drilled 900 Feet Depth Cased 900 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12	Inches	0	Feet	40	Feet
9 7/8	Inches	40	Feet	900	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.188 wall	0	40
2"		Sch 80 PVC	+2	860

Perforations:
Type of perforation Slotted Sch 80 PVC
Size of perforation 0.02
From 860 feet to 900 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 900 to 858 ☐ Pumped ☒ Poured
Type: 1/4" gravel
Bentonite Chips: ☒ Yes ☐ No 858 to 50 ☐ Pumped ☒ Poured
Type: 3/8 Hole plug

Date started: Sep 1, 20 10
Date completed: Sep 9, 20 10

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 ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
900	3		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 9-9-10

USE ADDITIONAL SHEETS IF NECESSARY