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

OFFICE USE ONLY
Log No. 112094
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. 66010

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

ADDRESS AT WELL LOCATION CHPZ-159
Cortez Hills
Subdivision Name: County: Lander

2. LOCATION SW ¼ SE ¼ Sec 31 T 29 N/S R 48 E
PERMIT/WAIVER No. MVO 1634
Issued by Water Resources
Parcel No.

Latitude 40.162380°N
Longitude 116.666304°W
NAD 27 (78)
UTM E 533527
N 4445644
☒ 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
Overburden		0	100	100
Alluvium		100	200	100
Black and grey rock		200	1740	1540

Date started: Sep 10, 20 10
Date completed: Sep 19, 20 10

9. WELL CONSTRUCTION
Depth Drilled 1740 Feet Depth Cased 1740 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12	Inches	0	Feet	40	Feet
7 7/8	Inches	40	Feet	1740	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	+1	1540
		ASTM 480 Flush Joint		

Perforations:
Type of perforation Slotted
Size of perforation 0.010
From 1540 feet to 1740 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 1538 to 1740 ☐ Pumped ☒ Poured
Type: .25 gravel
Bentonite Chips: ☒ Yes ☐ No 50 to 1538 ☐ Pumped ☒ Poured
Type: 3/8 bentonite

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)
1740	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 Long Year Nevada (Contractor)
Address 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 [signature] (By driller performing actual drilling on site or contractor)
Date 9-19-10

(Rev. 95-04)

USE ADDITIONAL SHEETS IF NECESSARY