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

OFFICE USE ONLY
Log No. 112183
Permit No.
Basin 053

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

1. OWNER Barrick Gold / Cortez Gold Mines
MAILING ADDRESS HC 60 Box 1250 Crescent Valley Nevada 89821

NOTICE OF INTENT NO. 66048
ADDRESS AT WELL LOCATION RHMW-04
Subdivision Name: Red Hills County: Eureka

2. LOCATION NW ¼ SE ¼ Sec 11 T 26 ☒ S R 48 E
PERMIT/WAIVER No. M/O 11646 Issued by Water Resources
Parcel No.
Latitude 40.136160°N UTM E 539977 ☒ NAD 27
Longitude 116.530744°W N 4442765 ☐ NAD 83/WGS 84
NAD 27 (TA)

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
Alluvium	Yes	0	940	940
Black Rock	Yes	940	1480	540
Gray / Green Rock		1480	1500	20
Black and white rock	Yes	1500	1680	180
Neat Cement		0	70	
3/8 Hole Plug		70	300	
Bensand Grout		300	798	
1/4 Gravle		798	802	
Bensand Grout		802	1338	
1/4 Gravle		1338	1680	

Date started: 9-20 , 20 10
Date completed: 9-28 , 20 10

9. WELL CONSTRUCTION
Depth Drilled 1680 Feet Depth Cased 1680 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
16"	Inches	0	Feet	60	Feet
9 7/8"	Inches	60	Feet	1040	Feet
8 3/4"	Inches	1040	Feet	1680	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 3/4"		188 wall	0	60
4"		Sch. 80 PVC	0	1340

Perforations:
Type of perforation slotted
Size of perforation .020
From 1680 feet to 1340 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 70 to 0 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 1680 to 1338 ☒ Pumped ☐ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No 300 to 70 ☒ Pumped ☐ Poured
Type: 3/8" Hole Plug

7. Water Level
Static water level: feet below land surface
Artesian Flow: NO G.P.M. P.S.I.
Water Temperature: Cold °F
Quality: Clear

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
500	25	15 Min.
860	61	15 Min.
1260	80	15 Min.
1680	111	30 Min.

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 P.O. Box 2748 (Contractor)
Elko Nevada 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* 1957
Signed (By driller performing actual drilling on site or contractor)
Date 9-28-2010

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY