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. 112631
Permit No.
Basin 053

1. OWNER Barrick Gold / Cortez Gold Mine
MAILING ADDRESS HC66 Box 1250
Crescent Valley Nevada 89821

ADDRESS AT WELL LOCATION
NOTICE OF INTENT NO. 64259
HCPZ-03
Subdivision Name: Red Hill
County: Eureka

2. LOCATION NW¼ SW ¼ Sec 13 T 26 N/S R 48 E
PERMIT/WAIVER No. MO-1625
Issued by Water Resources
Parcel No.
Latitude
Longitude
UTM E 540965 ☒ NAD 27
N 4441265 ☐ 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
Alluvium. lots of Clay		0	800	800
Black Fractured Rock w/Clay		800	1080	280
Black Fractured Rock		1080	1600	520
Bensand Grout		300	598	
1/4 Gravel		598	602	
Bensand Grout		602	778	
1/4 Gravel		778	782	
Bensand Grout		782	998	
1/4 Gravel		998	1002	
Bensand Grout		1002	1198	
1/4 Gravel		1198	1202	
Bensand Grout		1202	1298	
1/4 Gravel		1298	1600	

Date started: 12-6 , 20 10
Date completed: 12-22 , 20 10

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

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WELL CONSTRUCTION
Depth Drilled 1600 Feet Depth Cased 1600 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4	Inches	0	Feet	20	Feet
9 7/8	Inches	20	Feet	1080	Feet
6 3/4	Inches	1080	Feet	1600	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 3/4		.250	0'	20'
2 3/8		SCH80	0'	1600'

Perforations:
Type of perforation Slotted
Size of perforation .020
From 1600' feet to 1300' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☑ Yes ☐ No
☒ Neat Cement 60 to 0 ☑ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 1600 to 1298 ☑ Pumped ☐ Poured
Type: 1/4 Gravel
Bentonite Chips: ☑ Yes ☐ No 300 to 60 ☑ Pumped ☐ Poured
Type: 3/8 Hole Plug

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Bowt 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 2318
Signed (By driller performing actual drilling on site or contractor)
Date 1-4-10

RECEIVED
2011 JAN 19 AM 11:15
STATE ENGINEER'S OFFICE

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-08)

40.122598°N
116.519242°W
NAD 27 (TA)