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

OFFICE USE ONLY
Log No. 112090
Permit No.
Basin Ø53

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. 65875

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

ADDRESS AT WELL LOCATION RHPZ-08
Subdivision Name: Red Hill County: Eureka

2. LOCATION NW ¼ SE ¼ Sec 11 T 26 N/S R 48 E
PERMIT/WAIVER No. M01635
Issued by Water Resources Parcel No.

Latitude 40.136803°N
Longitude 116.527148°W
NAD 27 (TA)
UTM E 540282 ☒ NAD 27
N 4442838 ☐ 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
Alluvium	Yes	0	860	860'
Redish Orange Rock		860'	960'	100'
Black And Gray Rock		960'	1180'	220'
w/small Clay seams	Yes	1180'	2160'	980'
Very fractured				
Neat Cement		0'	70'	
3/8" Hole Plug		70'	300'	
Bensand Grout		300'	1038'	
1/4" Gravle		1038'	1042'	
Bensand Grout		1042'	1338'	
1/4 Gravle		1338'	1342'	
Bensand Grout		1342'	1998'	
1/4" Gravle		1998'	2160'	

Date started: 8-14- , 20 10
Date completed: 8-24 , 20 10

9. WELL CONSTRUCTION
Depth Drilled 2160' Feet Depth Cased 2160' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4"	Inches	0'	Feet	60'	Feet
7 7/8"	Inches	60'	Feet	2160	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'	60'
2 3/8"		2480 steel	0'	2000'

Perforations:
Type of perforation slotted
Size of perforation .020
From 2160' feet to 2000' 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 2160' to 1998 ☒ Pumped ☐ Poured
Type: 1/4" gravle
Bentonite Chips: ☒ Yes ☐ No 300' to 70 ☒ Pumped ☐ Poured
Type: 3/8 Hole Plug

7. Water Level
Static water level: 1080' 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)
800'	37		15 min.
1200'	51		15 min.
1500'	79		15 min
2000'	125		15 min.
2160'	115		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 Boothongyoss Nevada
Contractor
Address PO Box 2748
Contractor
Elko Nevada 89803
Nevada contractor's license number issued by the State Contractor's Board 0030823
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2368
Signed [signature]
By driller performing actual drilling on site or contractor
Date 8-24-2010

USE ADDITIONAL SHEETS IF NECESSARY