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

OFFICE USE ONLY
Log No. 112099
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

NOTICE OF INTENT NO. 166038

1. OWNER Barrick Gold / Cortez Gold Mine
MAILING ADDRESS HC 66 Box 1250
Crescent Valley Nevada 89821

ADDRESS AT WELL LOCATION CHPZ-06
Subdivision Name: Red Hills County: Eureka

2. LOCATION NW ¼ SE ¼ Sec 11 T 26 N/S R 48 E
PERMIT/WAIVER No. M/o 1635
Issued by Water Resources Parcel No.

Latitude 40.135530°N
Longitude 116.531512°W
NAD 27 (+a)
UTM E 539832.55 ☒ NAD 27
N 4442895.77 ☐ 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'	580'	
Black and White Rock	Yes	580'	630'	
Black Clay		630'	1040'	
Black and White rock	Yes	1040'	1210	
Black Clay		1210'	1220'	
Black and white rock	Yes	1220'	1250'	
Black Clay		1250'	1260'	
Black and white rock	Yes	1260'	1400'	
Neat Cement		0'	80'	
3/8" Hole Plug		80'	100'	
Bensand Grout		100'	497'	
1/4" Gravle		497'	502'	
Bensand Grout		502'	1177'	
1/4" Gravle		1177'	1182'	
Bensand Grout		1182'	1278'	
1/4" Gravle		1278'	1400'	

Date started: 8-27, 20 10
Date completed: 9-8, 20 10

7. Water Level
Static water level: N/A feet below land surface
Artesian Flow: ND 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'	68		15 min.
700'	106		15 min.
800'	132		15 min.
1100'	150		15 min.
1400'	158		30 min.

9. WELL CONSTRUCTION
Depth Drilled 1400' Feet Depth Cased 1400' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4"	Inches	0'	Feet	100'	Feet
7 7/8"	Inches	100'	Feet	1400'	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'	100'
2 3/8"		SCH 80 Steel	0'	1280'

Perforations:
Type of perforation Slotted
Size of perforation .020
From 1400' feet to 1280' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement	80' to 0'	☐ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 1400' to 1278' ☒ Pumped ☐ Poured
Type: 1/4" Gravle
Bentonite Chips: ☒ Yes ☐ No 100' to 80' ☒ 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 Boart Longyear NV (Contractor)
Address PO Box 2748 (Contractor)
Elko NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0673086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2414
Signed (By driller performing actual drilling on site or contractor)
Date 9-8-2010

(Rev. 03-08)

USE ADDITIONAL SHEETS IF NECESSARY