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

OFFICE USE ONLY
Log No. 116702
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. 70078

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

ADDRESS AT WELL LOCATION Cortez/Pine Valley
Subdivision Name: DVPZ-03 County: Eureka

2. LOCATION SE ¼ NW ¼ Sec 10 T 26 N/S R 49 E
PERMIT/WAIVER No. MO 1884
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 547862.1 ☒ NAD 27
N 4444460.4 ☐ 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'	300'	300'
NAD27				
40.151022°N				
116.438066°W				
Neat Cement		100'	0'	100'
Cement & bentonite grout		168	100	68'
3/8" pel plug pellets		178'	168'	10'
1/4" gravel		300	178'	122
2 3/8" sch 80 PVC blank		180'	+1'	181'
2 3/8" sch 80 PVC screen		280'	180'	100'
2 3/8" sch 80 PVC blank		300'	280'	20'
2 3/8" sch 80 PVC cap				

Date started: 5/5, 20 13
Date completed: 5/11, 20 13

9. WELL CONSTRUCTION
Depth Drilled 300 Feet Depth Cased 300 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 3/4"	Inches	0	Feet	40'	Feet
7 7/8"	Inches	40'	Feet	300	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	40
2 3/8"		Sch 80 PVC	+1	180
2 3/8"		Sch 80 PVC	280	300

Perforations:
Type of perforation Slot
Size of perforation .002
From 180 feet to 280 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 100 ☒ Pumped ☐ Poured
☒ Cement Grout 100 to 168 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 300 to 178 ☒ Pumped ☐ Poured
Type: 1/4" gravel
Bentonite Chips: ☒ Yes ☐ No 178 to 168 ☒ Pumped ☐ Poured
Type: 3/8" Pel plug pellets

7. Water Level
Static water level: 74 feet below land surface
Artesian Flow: no G.P.M. Ø P.S.I.
Water Temperature: cold °F
Quality: good

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
300'	3	N/A	20 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, Nv 89803
Nevada contractor's license number 21976
issued by the State Contractor's Board ~~0073086~~
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

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627