Revised Copy

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

OFFICE USE ONLY
Log No. 116722
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. 70087

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

ADDRESS AT WELL LOCATION Pine Valley
Subdivision Name: GRPZ-25 County: Eureka

2. LOCATION SW ¼ NE ¼ Sec 27 T 26 (N)/S R 49 E
PERMIT/WAIVER No. MO-1814
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 548193 ☒ NAD 27
N 4439684 ☐ 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	600'	600
N4D27				
40.10797°N				
116.43458°W				
Neat Cement		38'	0'	38'
3/8" Hole plug (Bent chips)		127'	38	89'
3/8" Pel Plug (Pellets)		249'	127'	122'
Cement/Bentonite Grout		365'	249'	116
3/8" Pel Plug pellets		378'	365'	13'
1/4" gravel		600'	378'	222'
transducer set @ 300'				
2 3/8" Sch 80 blank PVC		380'	+1'	381
2 3/8" Sch 80 screen PVC		580'	380'	200'
2 3/8" Sch 80 blank PVC		600'	580'	20'
2 3/8" Sch 80 Cap PVC				

Date started: 4/4, 20 13
Date completed: 4/14, 20 13

9. WELL CONSTRUCTION
Depth Drilled 600 Feet Depth Cased 600 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 3/4"	Inches	Ø	Feet	60'	Feet
7 7/8"	Inches	60'	Feet	600'	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"		Sch 80 PVC	+1	380'
2 3/8"		Sch 80 PVC	580'	600'

Perforations:
Type of perforation Slot
Size of perforation .002
From 380' feet to 580' 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 38' ☒ Pumped ☐ Poured
☒ Cement Grout 249 to 365' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 600' to 378' ☒ Pumped ☐ Poured
Type: 1/4"
Bentonite Chips: ☒ Yes ☐ No 378' to 365' ☒ Pumped ☐ Poured
Type: 3/8" Pel Plug Pellets

7. Water Level
Static water level: 101 feet below land surface
Artesian Flow: no G.P.M. Ø 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)
120'	1	N/A	15 min
240'	20	N/A	10 min
320'	40	N/A	10 min
600'	55	N/A	15 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, N.V. 89803
Nevada contractor's license number issued by the State Contractor's Board 0021976 ~~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 4/14/13

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627