"Revised"

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

OFFICE USE ONLY
Log No. 116862
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. 70077

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

ADDRESS AT WELL LOCATION Pine Valley
Subdivision Name: PVPZ-02 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 547859.7 ☐ NAD 27
N 4444624 ☐ 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 conventional

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium	yes	0	600'	600'
NAD27				
40.151040°N				
116.438094°W				
Neat Cement		100'	0'	100'
Cement Bentonite Grout		468'	100'	368'
3/8" Pel Plug pellets		478'	468'	10'
1/4" gravel		600'	478'	122'
2 3/8 Sch 80 PVC Blank		480'	+1'	481
2 3/8" Sch 80 PVC Screen		580'	480'	100
2 3/8" Sch 80 PVC Blank		600'	580'	20
2 3/8" Sch 80 PVC Cap				

Date started: 4/19, 20 13
Date completed: 5/4, 20 13

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

HOLE DIAMETER (BIT SIZE)

		From		To	
12 3/4	Inches	0	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	480
2 3/8		Sch 80 PVC	580	600

Perforations:
Type of perforation slot
Size of perforation .002
From 480 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 100 ☒ Pumped ☐ Poured
☒ Cement Grout 100' to 468 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 600 to 478 ☒ Pumped ☐ Poured
Type: 1/4"
Bentonite Chips: ☒ Yes ☐ No 478 to 468 ☒ Pumped ☐ Poured
Type: 3/8" pel plug pellets

7. Water Level
Static water level: 195 feet below land surface
Artesian Flow: ng G.P.M. 0 P.S.I.
Water Temperature: cold °F
Quality: fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
580	1/2	N/A	18 hrs

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name (Contractor) Boart Longyear Nevada
Address (Contractor) P.O. Box 2748
Elko, NV. 89803
Nevada contractor's license number issued by the State Contractor's Board 0021976
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 5/4/13

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(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627