STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115332
Permit No.
Basin 138

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 68989

1. OWNER Barrick Cortez Mine
well name: PD-10
MAILING ADDRESS HC-66 Box 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Cortez Gold Mine
West of Crescent Valley, NV.
Subdivision Name: County: Lander

2. LOCATION SE¼SE¼ Sec12T26N/ R47E
PERMIT/WAIVER NO. NEV2007106 (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 532356 ☒ NAD 27
N 4442253 ☐ NAD 83/WGS 84

3. WORK 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 Flooded Rev

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium/clay		0	50	50
Valeanie Red Rock		50	640	590
Encountered Water		600	620	20
Agua Guard		50	585	535

Date started: May 29, 20 12
Date completed: June 5, 20 12

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9. WELL CONSTRUCTION

Depth Drilled 640 Feet Depth Cased 628 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	20 Feet
9.875 Inches	20 Feet	640 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	40.48	.375	0	20
4.5	2.86	.337	+2	628

Perforations:
Type of perforation Slotted
Size of perforation .020
From 608 feet to 628 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 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 606 to 640 ☒ Pumped ☐ Poured
Type: 1/4 " SRI
Bentonite Chips: ☒ Yes ☐ No 585 to 606 ☒ Pumped ☐ Poured
Type: 3/8" Hole plug

7. Water Level
Static water level: 98 feet below land surface
Artesian Flow: N/A G.P.M. P.S.I
Water Temperature: cool °F
Quality: good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
12	N/A	2

40. 131875°N NAD 27
116. 620224°W

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 (CONTRACTOR)
Address 2745 W. California Ave (CONTRACTOR)
SLC., UT. 84104
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 2339
Signed (By driller performing actual drilling on site or contractor)
Date June 5, 2012

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