STATE OF NEVADA

DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116532
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. 68990

1. OWNER Barrick Cortez Mine PD-11 (well name:)
MAILING ADDRESS HC66, PO. Box 1250
Crescent Valley, NV. 89821

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

2. LOCATION NE¼NW¼ Sec18T26N/ R48E
PERMIT/WAIVER NO. NEV2007106 (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 533283 ☒ NAD 27
N 4441987 ☐ 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 | | 0 | 700 | 700 |
| Clay | | 700 | 720 | 20 |
| Volcanic Bedrock | | 720 | 800 | 80 |
| Aqua Guard Grout | | 50 | 700 | 650 |

Date started: May 21, 20 12
Date completed: May 28, 20 12

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9. WELL CONSTRUCTION
Depth Drilled 800 Feet Depth Cased 790 Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 14.75 Inches | 0 Feet | 40 Feet |
| 9.875 Inches | 40 Feet | 800 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 | 40 |
| 4.5 | 2.86 | Sch 80 .337 | +2 | 788 |

Perforations:
Type of perforation Slotted
Size of perforation .020
From 768 feet to 788 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 766 to 800 ☒ Pumped ☐ Poured
Type: 1/8" X 1/4" SRI
Bentonite Chips: ☒ Yes ☐ No 700 to 766 ☒ Pumped ☐ Poured
Type: 3/8" Hole Plug

7. Water Level
Static water level: 161' 7" feet below land surface
Artesian Flow: 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) |
|---|---|---|
| 10.6 | N/A | 2 |

40. 129442°N NAD27
116. 609357°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 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 May 29,2012

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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