STATE OF NEVADA

DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116017
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. 69237

1. OWNER Barrick Cortez Mines CHPZ-292
MAILING ADDRESS HC66, Box 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Barrick Cortez Mines
Subdivision Name: County: Lander

2. LOCATION NW¼SE¼ Sec6T26N/ R48E
PERMIT/WAIVER NO. M/O-1848 (Issued by Water Resources) Parcel. No.

Latitude Longitude
UTM E 533758 ☒ NAD 27
N 444446 ☐ 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

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Tan Rock | | 0 | 220 | 220 |
| Brown/Grey Rock | | 220 | 370 | 150 |
| Black Rock | | 370 | 830 | 460 |
| Light Tan/Grey Rock | | 830 | 940 | 110 |
| Black Rock | | 940 | 1210 | 270 |

Date started: Sept. 28, 20 2012
Date completed: Oct. 14, 20 2012

7. Water Level
Static water level: 589 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) |
|---|---|---|
| 6 | N/A | 2 |
| 40.151515 °N | | NAD27 |
| 116.603725 °W | | |

9. WELL CONSTRUCTION
Depth Drilled 1210 Feet Depth Cased 1200 Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 20.5 Inches | 0 Feet | 40 Feet |
| 6.5 Inches | 40 Feet | 1210 Feet |
| Inches | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 14 | 36.7 | .375 | 0 | 40 |
| 2.375 | .95 | .337 | +2 | 1200 |

Perforations:
Type of perforation Slotted
Size of perforation .020
From 1120 feet to 1200 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 50 to 1108 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 1118 to 1210 ☒ Pumped ☐ Poured
Type: 1/8 SRI
Bentonite Chips: ☒ Yes ☐ No 1108 to 1118 ☒ Pumped ☐ Poured
Type: 3/8 Hole Plug

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 November 1, 2012

RECEIVED NOV 15 2012 STATE ENGINEER'S OFFICE