STATE OF NEVADA

DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115317
Permit No.
Basin 054

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. 68994

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

well name! CO-2

ADDRESS AT WELL LOCATION Cortez Mine
South west of crescent valley
Subdivision Name: County: ~~Lander~~ EUREKA

2. LOCATION NE¼NW¼ Sec17T28N/ R49E
PERMIT/WAIVER NO. NEV0095111
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E 544787 ☒ NAD 27
N 4461188 ☐ 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 | 260 | 260 |
| 11 gpm @ 230 | | | | |
| Agua Guard | | 20 | 205 | 185 |

Date started: June 6, 20 12
Date completed: June 10, 20 12

7. Water Level
Static water level: 191 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) |
|---|---|---|
| 4 | N/A | 2 |

40. 301894°N NAD27
116. 473001°W

9. WELL CONSTRUCTION
Depth Drilled 260 Feet Depth Cased 250 Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 14.25 Inches | 0 Feet | 20 Feet |
| 6.50 Inches | 20 Feet | 260 Feet |
| Inches | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 10.25 | 40.48 | .375 | 0 | 20 |
| 2.375 | .96 | .218 | +2 | 248 |

Perforations:
Type of perforation Slotted
Size of perforation .020
From 228 feet to 248 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 20 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 226 to 260 ☐ Pumped ☒ Poured
Type: 1/8" x 1/4" SRI
Bentonite Chips: ☒ Yes ☐ No 205 to 226 ☒ Pumped ☐ Poured
Type: 3/8 Coarse

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 Californina 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 15, 2012

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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