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

OFFICE USE ONLY
Log No. 115360
Permit No.
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 67344

1. OWNER Barrick /Cortez Gold Mines
MAILING ADDRESS HC 66 Box 1250
Cresent Valley, NV 89821-1250

ADDRESS AT WELL LOCATION Cortez Hills Mine
well name: / Hole # CHPZ-251

2. LOCATION SW ¼ NE ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. m/o 1741 (issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 533802.781 ☑ NAD 27
N 4446483.458 ☐ NAD 83/WGS 84
County: Lander

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...

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Grey rock | | 0 | 20 | 20 |
| black rock w/ brown clay | | 20 | 60 | 40 |
| Grey rock | | 60 | 80 | 20 |
| black rock | | 80 | 120 | 40 |
| brown rock w/ clay | | 120 | 220 | 100 |
| Grey rock | | 220 | 260 | 40 |
| brown rock w/ grey clay | | 260 | 380 | 120 |
| purple and black rock | | 380 | 480 | 100 |
| Grey rock w/ brown | | 480 | 1100 | 620 |
| black rock w/ grey clay | | 1100 | 1200 | 100 |
| 70 Degree angle | | | | |
| * Well was abandoned after completion | | | | |

Date started 1-Oct , 20 11
Date completed 12-Dec , 20 11

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| | | |

8. WELL CONSTRUCTION
Depth Drilled 1200 Feet Depth Cased 1200 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 12 | Inches | 0 | Feet | 20 | Feet |
| 6 | Inches | 20 | Feet | 1200 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 7.675 | 24.53 | .301 | +2 | 20 |
| 2.375 | .959 | .154 | +1.75 | 1200 |
| | | | | |

Perforations:
Type of perforation mill slot
Size of perforation 0.02
From 1120 feet to 1200 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 1110
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☑ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 1120 feet to 1200 feet

9. WATER LEVEL
Static water level feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name National EWP Inc. (Contractor)
Address 580 W. Sliver St. Elko NV, 89801 (Contractor)
Nevada contractor's license number issued by the *State Contractor's Board* 0075355
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2385
Signed James McCart (By driller performing actual drilling on site or contractor)
Date

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.169932°N NAD27
116.603021°W