

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

OFFICE USE ONLY
Log No. 115141
Permit No. _____
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 67418

1. OWNER Barrick /Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Hills Mine
MAILING ADDRESS HC 66 Box 1250 well name: chpz-246
Crescent Valley, NV 89821-1250

2. LOCATION NW 1/4 SE 1/4 Sec 31 T 27N N/S R 48 E Latitude _____ UTM E 533706.372 NAD 27
PERMIT/WAIVER No. m/o 1741 Longitude _____ N 4445927.090 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____ Subdivision Name: _____ 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 | Thick-ness |
|-------------------|--------------|------|------|------------|
| conglomerate | | 0 | 210 | 210 |
| limestone | X | 210 | 770 | 560 |
| fault zone | | 770 | 850 | 80 |
| limestone | | 850 | 1070 | 220 |
| fault zone | | 1070 | 1100 | 30 |
| limestone | | 1100 | 1240 | 140 |
| fault zone | | 1240 | 1260 | 20 |
| limestone | | 1260 | 1370 | 110 |
| red quartzite | | 1370 | 2160 | 790 |
| limestone | | 2160 | 2260 | 100 |
| fault zone | | 2260 | 2360 | 100 |
| limestone | | 2360 | 2550 | 190 |
| neat cement | | 0 | 60 | 60 |
| bentonite grout | | 60 | 2290 | 2230 |
| 3/8 holeplug | | 2290 | 2298 | 8 |
| 1/4 s.r.i. gravel | | 2298 | 2361 | 63 |
| natural fill | | 2361 | 2550 | 189 |

8. WELL CONSTRUCTION

Depth Drilled 2550 Feet Depth Cased 2360 Feet

HOLE DIAMETER (BIT SIZE)

| From | To |
|---------------------|---------------------------------|
| <u>12.25</u> Inches | <u>0</u> Feet <u>20</u> Feet |
| <u>6</u> Inches | <u>20</u> Feet <u>2550</u> Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-------------|
| <u>7.625</u> | <u>24.35</u> | <u>.301</u> | <u>0</u> | <u>20</u> |
| <u>2.375</u> | <u>5.02</u> | <u>.218</u> | <u>+1.5</u> | <u>2360</u> |

Perforations: Type of perforation slotted
Size of perforation 0.02

From 2300 feet to 2360 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 60 Cement Grout
Placement Method: Pumped Concrete Grout
 Poured

Gravel Packed: Yes No
From 2298 feet to 2361 feet

9. WATER LEVEL

Static water level 495 feet below land surface
Artesian flow n/a G.P.M. _____ P.S.I. _____
Water temperature 72 ° F Quality good

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 0075355
issued by the State Contractor's Board

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2433

Signed Kevin Coy
By driller performing actual drilling on site or contractor

Date 2.20.2012

Date started January twenty fifth, 20 12
Date completed February eighteenth, 20 12

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|-----------|-------------------------------|--------------|
| <u>10</u> | <u>n.a.</u> | <u>8</u> |

RECEIVED
2012 FEB 28 AM 11:10
STATE ENGINEERS OFFICE

40.164923° N
116.604183° W
NA027

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 06/11)