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

OFFICE USE ONLY
Log No. 115515
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. 68572

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

ADDRESS AT WELL LOCATION Cortez Hills Mine
CHPZ-285 (well name)

2. LOCATION NE ¼ se ¼ Sec 1 T 26N N/S R 47 E
PERMIT/WAIVER No. m/o 1831A
*Issued by Water Resources* Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 4444442 ☑ NAD 27
N 0532629 ☐ 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 |
|---|---|---|---|---|
| Conglomerate | | 0 | 1360 | 1360 |
| Endonate | | 1360 | 1875 | 515 |
| Limestone with intrusive | | 1875 | 2157 | 282 |
| Limestone | | 2157 | 2500 | 343 |
| Hole plug | | 2298 | 2296 | -2 |
| Cement grout | | 2296 | 50 | -2246 |
| Neat cement | | 50 | 0 | -50 |

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Date started 24-Jul , 20 12
Date completed 15-Aug , 20 12

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

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|---|
| air lift | 3 | | 29 |

8. WELL CONSTRUCTION
Depth Drilled 2500 Feet Depth Cased 2500 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 26 | Inches | 0 | Feet | 60 | Feet |
| 7 | Inches | 60 | Feet | 520 | Feet |
| 6.75 | Inches | 520 | Feet | 2500 | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 22 | 114.81 | .5 | 0 | 60 |
| 2.375 | 5.02 | .218 | +1.5 | 2500 |

*Perforations:*
Type of perforation slotted
Size of perforation 0.125
From 2300 feet to 2500 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 60
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 2298 feet to 2500 feet

9. WATER LEVEL
*Static water level* 311 feet below land surface
Artesian flow n/a G.P.M ~~200~~ P.S.I
Water temperature 60 °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 issued by the *State Contractor's Board* 0075355
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2455
Signed (By driller performing actual drilling on site or contractor)
Date 8-20-12

(Rev. 06/10)

**USE ADDITIONAL SHEETS IF NECESSARY**

40.151586 °N
116.616909 °W NAD27