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

OFFICE USE ONLY
Log No. 115875
Permit No.
Basin 053

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. 33052

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-243

2. LOCATION SW¼ SW ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. m/o 1740
Issued by Water Resources Parcel No.

Latitude
Longitude
Subdivision Name:

UTM E 533008.152 ☑ NAD 27
N 4445413.612 ☐ 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
Fill		0	40	40
Sand & Clay	X	40	700	660
Conglomerate		700	820	120
Limestone		820	1020	200
Neat Cemtent 0-10				
Cement Grout 10-970				
Gravel Pack 970-1020				
0				

RECEIVED 2012 APR 16 PM 1:30 STATE ENGINEERS OFFICE

Date started 1-Apr , 20 12
Date completed 10-Apr , 20 12

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 1020 Feet Depth Cased 980 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.250	Inches	0	Feet	40	Feet
6.0	Inches	40	Feet	1020	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	24.35	.301	0	40
2.375	.959	.154	0	980

Perforations:
Type of perforation slotted
Size of perforation 0.020
From 980 feet to 1020 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0-10
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☑ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 970 feet to 1020 feet

9. WATER LEVEL
Static water level 405 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature 64 °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
Contractor
Address 580 W. Silver St
Contractor
Elko, NV 89801
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* 2433
Signed Kevin Cy
By driller performing actual drilling on site or contractor
Date

(Rev. 06/10) 40.151315 116.612459 NAD 27

USE ADDITIONAL SHEETS IF NECESSARY