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

OFFICE USE ONLY
Log No. 116400
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. 67327

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

ADDRESS AT WELL LOCATION Cortez Hills Mine
Hole # CHPZ-211
(2 of 3 wells drilled under NOI)

2. LOCATION SW ¼ NE ¼ Sec 31 T 47N N/S R 48 E
PERMIT/WAIVER No. M/O-1703 *Issued by Water Resources* Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 533,810.886 ☑ NAD 27
N 4,446,247.420 ☐ 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
Limestone		0	460	460
fractured Limestone		460	480	20
Oxidized Limestone		480	610	130
Limestone		610	800	190
fractured Limestone		800	820	20
Limestone very fine grained		820	1180	360
0-400' neat cement				
400' 458' 3/8" hole plug				
458-463' 1/4" gravel				
463-797' 3/8" hole plug				
797-802' 1/4" gravel				
802-977' 3/8" hole plug				
977-982' 1/4" gravel				
982-1135' 3/8" hole plug				
1135-1180' 1/4" gravel				
Transducers @ 460, 800, 980				
and 1159 inside casing				
PVC was filled with neat cement				
directly after air lift was				
completed. Well is plugged				

Date started Aug. 8th , 20 11
Date completed Aug. 15th, , 20 11

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1050'	1.50	n/a	2 hr

8. WELL CONSTRUCTION
Depth Drilled 1180 Feet Depth Cased 1180 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.250	Inches	0	Feet	40	Feet
6	Inches	40	Feet	1180	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	24.53	.301	+2	40
2.375	.959	.154	+1.5	1140

Perforations:
Type of perforation mill slot
Size of perforation 0.02
From 1140 feet to 1180 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 400
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 1135 feet to 1180 feet

9. WATER LEVEL
Static water level unknown feet below land surface
Artesian flow n/a 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* 1413
Signed (By driller performing actual drilling on site or contractor)
Date 8/16/11

(Rev. 06/10) **USE ADDITIONAL SHEETS IF NECESSARY**

40.167805°N
116.602938°W NAD27
Dec/Deg