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

OFFICE USE ONLY
Log No. 116401
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-214
(3 of 3 wells drilled under NOI)

2. LOCATION NE ¼ SE ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. M/O-1703 A
Issued by Water Resources Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 533,920.129 ☑ NAD 27
N 4,445,813.855 ☐ 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
Pad Fill		0	20	20
Alluvium		20	40	20
lt. gray Limestone		40	640	600
fault		640	660	20
dark gray limestone		660	1490	830
0-50' neat cement				
50-1067' 3/8" hole plug				
1067-1072' 1/4" gravel				
1072-1228' 3/8" hole plug				
1228-1233' 1/4" gravel				
1233-1340' 3/8" hole plug				
1340-1490' 1/4" gravel				
transducer @ 1070, 1230				

Date started July 6 th , 20 11
Date completed July 12 th , 20 11

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
n/a			

8. WELL CONSTRUCTION
Depth Drilled 1490 Feet Depth Cased 1490 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.250	Inches	0	Feet	40	Feet
6	Inches	40	Feet	1490	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	18.69	.280	+2	40
1.875	.69	.200	+1.5	1350

Perforations:
Type of perforation mill slot
Size of perforation 0.02
From 1350 feet to 1490 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 50
Placement Method: ☑ Pumped ☐ Poured
Gravel Packed: ☑ Yes ☐ No
From 1340 feet to 1490 feet

Seal Type:
☑ Neat Cement
☐ Cement Grout
☐ Concrete Grout

9. WATER LEVEL
Static water level 872 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* 2283

Signed (By driller performing actual drilling on site or contractor)
Date 7/20/2011

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.163895°N NAD27
116.601678°W Dec/Deg