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

OFFICE USE ONLY
Log No. 116625
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. 67337

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-205

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

Latitude
Longitude
Subdivision Name:
UTM E 533983.598 ☑ NAD 27
N 4446248.224 ☐ 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
gray clay		0	80	80
gray rock		80	120	40
gray brown rock		120	160	40
brown rock		160	180	20
brown rock w/ little gray		180	260	80
brown and gray rock		260	280	20
brown rock		280	320	40
brown and black rock		320	380	60
gray rock		380	500	120
gray rock with clay		500	580	80
red and gray rock		580	600	20
gray and red with clay		600	660	60
red rock		660	683	23
0-50' neat cement				
50-625' 30% bentonite grout				
w/ cement				
625- 630 3/8" hole plug				
630-683' 1/4" gravel				

Date started August 25, 20 11
Date completed August 31, 20 11

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
680	2	n/a	2

8. WELL CONSTRUCTION
Depth Drilled 683 Feet Depth Cased 680 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.250	Inches	0	Feet	20	Feet
6	Inches	20	Feet	683	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	20
2.375	.959	.154	+1.5	~~640~~ 680

Perforations:
Type of perforation mill slot
Size of perforation 0.02
From 640 feet to 680 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
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 630 feet to 683 feet

9. WATER LEVEL
Static water level 328 feet below land surface
Artesian flow n/a G.P.M P.S.I
Water temperature cool °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* 1413
Signed (By driller performing actual drilling on site or contractor)
Date Sept.1, 2011

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.167803°N NAD27
116.600917°W Dec/Deg