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

OFFICE USE ONLY
Log No. 116403
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. 67331 ✓

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-208

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	Thick-ness
pad fill		0	20	20
Alluvium		20	40	20
Lt. gray Limestone		40	450	410
Dark gray Limestone		450	1040	590
0-50' neat cement				
50-947' 3/8" hole plug				
947-952' 1/4" gravel				
952-978' 3/8" hole plug				
978-1040" 1/4" gravel				
transducer @ 950'				

Date started June 25, , 20 11
Date completed July 2nd , 20 11

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1040	2.5	n/a	3 hr

8. WELL CONSTRUCTION
Depth Drilled 1040 Feet Depth Cased 1040 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.250	Inches	0	Feet	40	Feet
6	Inches	40	Feet	1040	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	18.96	.280	+2	20
1.875	.69	.200	+1.5	980

Perforations:
Type of perforation mill slot
Size of perforation 0.02
From 980 feet to 1040 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 978 feet to 1040 feet

9. WATER LEVEL
Static water level 503 feet below land surface
Artesian flow n/a G.P.M P.S.I
Water temperature 72 °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* 2283
Signed (By driller performing actual drilling on site or contractor)
Date 7/15/2011

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.163895°N
116.601678°W
NAD27
Dec/Deg