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

OFFICE USE ONLY
Log No. 116393
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. 66584

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-206

2. LOCATION ne ¼ se ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. M/O-~~1684~~ 61
Issued by Water Resources 1703 Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 533950.496 ☑ NAD 27
N 4446095.763 ☐ 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
light gray limestone		0	37	37
dark gray limestone		37	45	8
light gray limestone		45	94	49
dark gray limestone		94	102	8
light gray limestone		102	138	36
gray limestone		138	692	554
quartzite white		692	1000	308
40.1664330°N NAD 27				
116.601307°W Dec/Deg				
Neat cement 0-51'				
3/8" hole plug 51-778'				
1/4" gravel 778-782'				
3/8" hole plug 782-897'				
1/4" gravel 897-1000'				
transducer @ 780'				

Date started July 24th, , 20 11
Date completed July 30th, , 20 11

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 1000 Feet Depth Cased 1000' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.250	Inches	0	Feet	41	Feet
6	Inches	41	Feet	1000	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	41
2.375	.958	.154	+1.5	~~900~~ 1000

Perforations:
Type of perforation mill slot
Size of perforation 0.02
From 900 feet to 1000 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 51
Placement Method: ☐ Pumped ☑ Poured
Gravel Packed: ☑ Yes ☐ No
From 897 feet to 1000 feet

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

9. WATER LEVEL
Static water level 522 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* 2429
Signed (By driller performing actual drilling on site or contractor)
Date 8-9-11 August 9th, 2011

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY