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

OFFICE USE ONLY
Log No. 115142
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. 67418

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

ADDRESS AT WELL LOCATION Cortez Hills Mine
well name: chpz-246

2. LOCATION NW¼ SE ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. m/o 1741 (Issued by Water Resources)
Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 533706.372 ☑ NAD 27
N 4445927.090 ☐ NAD 83/WGS 84
County: Lander

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other... ☒ Plugging

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
conglomerate		0	210	210
limestone	X	210	770	560
fault zone		770	850	80
limestone		850	1070	220
fault zone		1070	1100	30
limestone		1100	1240	140
fault zone		1240	1260	20
limestone		1260	1370	110
red quartzite		1370	2160	790
limestone		2160	2260	100
fault zone		2260	2360	100
limestone		2360	2550	190
* Plugs well log 115141				
neat cement		0	60	60
bentonite grout		60	2290	2230
3/8 holeplug		2290	2298	8
1/4 s.r.i. gravel		2298	2361	63
natural fill		2361	2550	189

Date started Januarytwenty fifth, 20 12
Date completed February eighteenth, 20 12

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
10	n.a.	8

8. WELL CONSTRUCTION
Depth Drilled 2550 Feet Depth Cased 2360 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.25	Inches	0	Feet	20	Feet
6	Inches	20	Feet	2550	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	24.35	.301	0	20
2.375	5.02	.218	+1.5	2360

Perforations:
Type of perforation slotted
Size of perforation 0.02
From 2300 feet to 2360 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 60
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 2298 feet to 2361 feet

9. WATER LEVEL
Static water level 495 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* 2433
Signed Kevin Coy (By driller performing actual drilling on site or contractor)
Date 2.20.2012

(Rev. 06/1)

USE ADDITIONAL SHEETS IF NECESSARY

RECEIVED 2012 FEB 23 AM 11:10 STATE ENGINEERS OFFICE

40.164923 °N
116.604183 °W
NAD27