STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116975
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. 66579 ✓

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-183

2. LOCATION nw ¼ se ¼ Sec 25 T 27N N/S R 47 E
PERMIT/WAIVER No. M/O-1684 (Issued by Water Resources) Parcel No.

Latitude
Longitude
UTM E 532,099.919 ☑ NAD 27
N 4,447,480.753 ☐ NAD 83/WGS 84
Subdivision Name: 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 rock with trace sand		0	160	160
Gray rock with trace quartzite		160	340	180
Gray rock		340	400	60
Brown rock		400	620	220
Gray rock		620	660	40
Brown rock		660	700	40
Gray rock		700	740	40
Dark Gray rock		740	840	100
Gray rock		840	890	50
Dark gray rock with quartzite		890	900	10
Gray rock mixed with light red		900	920	20
Gray rock w/ quartzite		920	1160	240
Black rock		1160	1180	20
no sample		1180	1350	170
Black rock		1350	1860	510
Neat Cement 0-54'				
3/8" Hole Plug 54-1395'				
1/4" Gravel 1395-1405'				
3/8" Hole Plug 1405-1746'				
1/4" Gravel 1746-1860'				
Transducer @ 1400'				

Date started July 2nd, , 20 11
Date completed August 1st, , 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 1860 Feet Depth Cased 1850 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.250	Inches	0	Feet	20	Feet
6	Inches	20	Feet	1860	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	20
1.875	.69	.200	+1.5	1850

Perforations:
Type of perforation Mill Slot
Size of perforation 0.02
From 1750 feet to 1850 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 54'
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 1746 feet to 1860 feet

9. WATER LEVEL
Static water level 1302' 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. Silver 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 8-3-11

(Rev. 06/10) **USE ADDITIONAL SHEETS IF NECESSARY**

40.178977°N NAD27
116.622969°W Dec/Deg