STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 117073
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. 65604

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-181

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

Latitude
Longitude
Subdivision Name:
UTM E 531,792.973 ☑ NAD 27
N 4,447,981.936 ☐ 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 rock		0	120	120
gray, brown rock		120	520	400
no circulation		520	660	140
Dark gray rock		660	840	180
Brown rock		840	960	120
no circulation	x	960	1080	120
Dark gray rock		1080	1340	260
Light gray rock		1340	1360	20
Brown rock		1360	1380	20
Light gray rock		1380	1540	160
Black rock w/ calcite		1540	1980	440
Neat cement 0-50'				
3/8" Hole Plug 50-708'				
1/4" Gravel 708-712'				
3/8" Hole Plug 712-1888'				
Transducer @ 710'				

Date started May 25th, 20 11
Date completed July 30, 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 1980 Feet Depth Cased 1970 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.25	Inches	0	Feet	20	Feet
6	Inches	20	Feet	1980	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	18.69	.28	+2	20
2.375	5.02	.188	+1.5	1970

Perforations:
Type of perforation Mill Slot
Size of perforation 0.02
From 1890 feet to 1970 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 1980 feet to 1888 feet

9. WATER LEVEL
Static water level 1002 feet below land surface
Artesian flow n/a G.P.M 60 P.S.I
Water temperature 102 °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* 2385
Signed James McCoy (By driller performing actual drilling on site or contractor)
Date June 5th, 2011

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.183511°N NAD27
116.626515°W Dec/Deg