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

OFFICE USE ONLY
Log No. 117620
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. 33034 ✓

1. OWNER Cortez Gold Mines
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills Mine
CHPZ-265

2. LOCATION SE ¼ NW ¼ Sec 6 T 26N N/S R 48 E
PERMIT/WAIVER No. m/o 1792 Issued by Water Resources Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 533224.0 ☑ NAD 27
N 4444851.1 ☐ 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
conglomerate		0	320	320
gravel	X	320	520	200
gravel & sand & clay	X	520	760	240
sand		760	1020	260
sand & clay		1020	1040	20
clay & sand & black rock		1040	1070	30
0-40 Neat Cement				
40-916 Bentonite Grout				
916- 920 Hole Plug 3/8"				
920-962 Sand 1/8"				
962-1070 Bentonite Grout				

Note: Must drill out well prior to abandoning.

Date started 11-Mar, 20 12
Date completed 18-Mar, 20 12

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 1070 Feet Depth Cased 992.96 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.375	Inches	0	Feet	38	Feet
6	Inches	38	Feet	900	Feet
5.875	Inches	900	Feet	1070	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	24.35	.301	0	38
2.375	.958	.218	0	992.96

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 952.96 feet to 992.96 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0-50 ft
Placement Method: ☑ Pumped ☐ Poured
Gravel Packed: ☑ Yes ☐ No
From 920.00 feet to 962.96 feet

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

9. WATER LEVEL
Static water level 431 feet below land surface
Artesian flow N/A G.P.M. P.S.I
Water temperature 61 °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 (Contractor)
Address 580 W. Silver St (Contractor)
Elko, NV 89801
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* 2454
Signed (By driller performing actual drilling on site or contractor)
Date 3-22-12

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

NAD 27 40.155248°N
116.609902°W