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

OFFICE USE ONLY
Log No. 116354
Permit No.
Basin 053

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. 65609

1. OWNER Cortez Gold Mines
MAILING ADDRESS HC-66 Box1250 Cresent Valley, NV 89821

ADDRESS AT WELL LOCATION Horse Canyon GRMW-14
well name

2. LOCATION NW ¼ SW ¼ Sec 29 T 26N N/S R 49 E
PERMIT/WAIVER No. MO-1814 (Issued by Water Resources)
Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 544,375.0 ☑ NAD 27
N 4,439,549.0 ☐ NAD 83/WGS 84
County: Eureka

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
black,tan, gray,aluvium	280	0	460	460
aluvium, clay		460	540	80
black rock, brown clay		540	600	60
black sand, black rock, gray clay		600	890	290
black, gray rock		890	985	95
black, gray rock gray clay		985	1000	15
gray rock and sand		1000	1110	110
gray clay		1110	1128	18
gray, black rock		1128	1170	42
gray, black sand gray clay		1170	1385	215
black rock, and sand		1385	1510	125
gray,brown clay		1510	1615	105
gray,black rock gray clay		1615	1710	95
gray rock gray clay		1710	1857	147
black rock	1857	1857	1985	128
black rock whtie clay	1985	1985	1990	5
black rock gray sand		1990	2010	20

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Date started 24-Apr , 20 12
Date completed 23-May , 20 12

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Air lift	50	N/A	16

8. WELL CONSTRUCTION
Depth Drilled 2010 Feet Depth Cased 1990 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4	Inches	0	Feet	104	Feet
8 3/4	Inches	104	Feet	2010	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	41.55	.375	0	104
4.5	11.35	.25	+1	1990

Perforations:
Type of perforation slotted
Size of perforation 1/8" W. x 12" L.
From 1880 feet to 1980 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 100
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 2010 feet to 1850 feet

9. WATER LEVEL
Static water level at surface feet below land surface
Artesian flow 8 G.P.M 45 P.S.I
Water temperature 82 °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 West Silver Street Elko Nevada 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* 2457
Signed (By driller performing actual drilling on site or contractor)
Date 25-May-12

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 06/10)

40.106965°N
116.479343°W
NAD27