STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 118123
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. 67416 ✓

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

ADDRESS AT WELL LOCATION Cortez Hills Mine
CHPZ-189

2. LOCATION NE ¼ SE ¼ Sec 36 T 27N N/S R 47 E
PERMIT/WAIVER No. m/o 1687 (Issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 532319.951 ☑ NAD 27
N 4446019.634 ☐ 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
Brown-Grey		0	40	40
NS		40	100	60
Black-Grey		100	910	810
Brown-Black		910	920	10
Black		920	930	10
Brown-Red-Grey		930	940	10
Black		940	1090	150
Green-Grey		1090	1100	10
Black		1100	1220	120
Grey-Black		1220	1240	20
Black		1240	1290	50
Grey		1290	1380	90
Black-Grey		1380	1400	20
Grey		1400	1480	80
Black		1480	1490	10
Grey		1490	1540	50
Black-Grey		1540	1560	20
Grey		1560	1590	30
Black-Grey		1590	1980	390
Black		1980	2000	20
Black		2000	2080	80
Grey		2080	2100	20
Black-Grey		2100	2130	30
Grey		2130	2190	60
Brown		2190	2200	10
Black-Grey		2200	2280	80
Black-Grey		2280	2310	30
Black		2310	2410	100
Black-Grey		2410	2490	80
Black-White		2490	2500	10
Continued on next page				

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 3000 Feet Depth Cased ~~2800~~ 3000 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
27	Inches	0	Feet	80	Feet
14.75	Inches	0	Feet	2000	Feet
6.75	Inches	0	Feet	3000	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22		3/4	0	80
7 5/8		5/8	0	2000
2.375			+1	2800

Perforations:
Type of perforation Slotted
Size of perforation
From 2800 feet to 3000 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0-80'
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☑ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 3000 feet to 2785 feet

9. WATER LEVEL
Static water level 1435 feet below land surface
Artesian flow 105 G.P.M. P.S.I
Water temperature 112 °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 (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* 2455
Signed (By driller performing actual drilling on site or contractor)
Date 3-26-12

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

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N 4446019.634 ☐ NAD 83/WGS 84
County:

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☐ Deepen ☐ Other...

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☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☑ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☑ Rotary ☐ RVC
☐ Air ☐ Other...

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Continued from previos pg.				
Black-Grey		2500	2520	20
Grey		2520	2670	150
Black		2670	2710	40
Grey-White		2710	2850	140
Black		2850	2910	60
Grey		2910	3000	90

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7 5/8		5/8	0	2000
2.375			+1	2800

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Type of perforation Slotted
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal
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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* 2455
Signed *By driller performing actual drilling on site or contractor*
Date 3-26-12

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

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