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

OFFICE USE ONLY
Log No. 121565
Permit No.
Basin No. 053

PRINT OR TYPE IN BLACK INK ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 71702
WELL NAME *(If applicable)*

1. OWNER/CLIENT NAME Cortez Gold Mine
MAILING ADDRESS HC-66 Box 1250 Cresent Valley NV

DETAILED ADDRESS AT WELL LOCATION Horse Canyon / GRPZ-03
Subdivision Name. *County:* Eureka

2. PLS LOCATION NW ¼ SW ¼ 2 Sec 26 N/S 48 E
PERMIT/WAIVER NO. M/O 1928 *Issued by Water Resources* *Current Parcel No.*

Latitude Longitude
UTM E 539280 UTM N 44442386
☒ NAD 27 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☒ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☒ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☐ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☒ Other Flooded Reverse

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
TG			0	25
DHC			25	240
DW			240	520
DW/MI			520	1760
DW/SM			1760	2560

Hole Size Drilled
7 1/8. 2320-2560

NAD 27
40.144463°N
116.538836°W

Date started: August 27, 20 14
Date completed: October 7, 20 14

9. INSTRUCTION
Depth Drilled: 2560 Feet Depth Cased: 2560 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14 3/4	Inches 0	Feet 60 Feet
7 7/8	Inches 60	Feet 1510 Feet
7 1/2	Inches 1510	Feet 2320 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 3/4		.250	0	60
2 3/8		Sch 80	+2	2340
2 3/8		Sch 80	2540	2560

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☒ Neat Cement	0	to 60	☒ Pumped	☐ Poured
☒ Cement Grout	60	to 2328	☒ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☒ Bentonite Chips	2328	to 2338	☒ Pumped	☐ Poured
☒ Gravel Pack [> 0.2 in.]	2338	to 2560	☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]		to	☐ Pumped	☐ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: Slotted
Size of perforation: .020

From 2340	Feet	To 2540	Feet
From	Feet	To	Feet
From	Feet	To	Feet
From	Feet	To	Feet
From	Feet	To	Feet

7. WATER QUALITIES
Static water level: 856 Feet below land surface
Artesian Flow: No G.P.M. P.S.I.
Water Temperature: Cool ° Fahrenheit
Water Quality: Fair

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
25	N/A	24 Hrs

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Boart Long Year *Contractor*
Address Elko, NV 89803 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* 0021976
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2383
Signed: *By driller performing actual drilling on site or contractor*
Date: 10/08/14

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(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. 1 of pg. 1