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

OFFICE USE ONLY
Log No. 121305
Permit No.
Basin 053

PRINT OR TYPE 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. 70505

1. OWNER Cortez Gold Mine
MAILING ADDRESS HC-66 Box 1250 Cresent Valley NV 89821

ADDRESS AT WELL LOCATION GRMW-07
Subdivision Name: N County: Eureka

2. LOCATION SW ¼ nw ¼ Sec 13 T 26N N/S R 48 E
PERMIT/WAIVER No. M/O 1920 *Issued by Water Resources* Parcel No.

Latitude
Longitude
UTM E 4441649 N 540898 ☒ NAD 27 ☐ NAD 83/WGS 84

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
Overburden		0	40'	40'
Clay and gravel		40'	920	880
Black lime stone		920	2380	1460

Rad 27
40, 12 lder N
116.52 acc4 W

Date started: April 14, 20 14
Date completed: May 19, 20 14

7. Water Level
Static water level: 220' feet below land surface
Artesian Flow: No G.P.M. P.S.I.
Water Temperature: Cool °F
Quality: Fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
3	0	1 hour

9. WELL CONSTRUCTION
Depth Drilled 2380 Feet Depth Cased 2380 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14 3/4 Inches	0' Feet	40' Feet
9 1/2 Inches	40' Feet	2380' Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 3/4		.388	0	40'
4 1/2		ATSM F-480	+2	2160'
4 1/2		ATSM F-480	2360	2380

Perforations:
Type of perforation Slotted Steel f-480
Size of perforation .020
From 2160 feet to 2360 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0' to 100' ☒ Pumped ☐ Poured
☒ Cement Grout 100 to 203 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 213 to 2381 ☐ Pumped ☒ Poured
Type: 1/4" Gravel 2158 2380
Bentonite Chips: ☒ Yes ☐ No 203 to 213 ☐ Pumped ☒ Poured
Type: 3/8" Pel Plug 2051 2151

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Boart Longyear Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1395
Signed (By driller performing actual drilling on site or contractor)
Date 06/02/14

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY