PW-17

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

OFFICE USE ONLY
Log No. 102510
Permit No.
Basin 054

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. 58602

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

ADDRESS AT WELL LOCATION Cortez Hills
Subdivision Name: County: Lander

2. LOCATION ~~SE~~ ¼ NE ¼ Sec 31 T 27 N/S R 48 E
PERMIT/WAIVER No. MO 1423
Issued by Water Resources
Parcel No.

Latitude
Longitude
UTM E 533773.842 ☒ NAD 27
N 4446147.289 ☐ 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
Gravel		0	480	480
Grey-Black Limestone		480	560	80
Brown-Black	X	560	870	310
Clay-Limestone	X	870	880	10
Limestone	X	880	1800	920

~~40.166824 N~~
~~116.604295 W NAD83~~

N 40.166904
W 116.603379 NAD27

Plugged under NDI 62694

Date started: 10-9- , 20 06
Date completed: 10-18 , 20 06

9. WELL CONSTRUCTION
Depth Drilled 1800' Feet Depth Cased 1800' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13¼"	Inches	0	Feet	40	Feet
6¾	Inches	40	Feet	1800	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8"	33	0.375	0	40
2"	PVC	Schedule 80	0	1800

Perforations:
Type of perforation Slotted
Size of perforation 0.020
From 1700' feet to 1800' 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 60 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 1698' to 1800 ☒ Pumped ☐ Poured
Type: 1/4"
Bentonite Chips: ☒ Yes ☐ No 1698' to 60 ☐ Pumped ☐ Poured
Type: EZ SEAL #8 Abandonite 5/8" hole plug

7. Water Level
Static water level: 564 feet below land surface
Artesian Flow: — G.P.M. [redacted] P.S.I.
Water Temperature: Cool °F
Quality: Good

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Drillpipe	187		

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Eklund Drilling Company (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0030823
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2318
Signed [signature] (By driller performing actual drilling on site or contractor)
Date

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY