PPW-08

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

OFFICE USE ONLY
Log No. 104069
Permit No.
Basin Ø54

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. 58604

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

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

2. LOCATION SE ¼ SE ¼ Sec 25 27 N S R 47 E
PERMIT/WAIVER No. MO 1420
Issued by Water Resources
Parcel No.

Latitude 40.174948
Longitude 116.617443
UTM E 532571.595 ☒ NAD 27
N 4447033.433 ☐ 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
Dike w/clays		0	300	300
Black limestone		300	820	520
Clay Dike		820	870	50
Black limestone		870	900	30
Dike - Clay		900	910	10
Limestone		910	990	80
Limestone - Clay Dike		990	1010	20
Black Limestone	X	1010	1310	300
Dike		1310	1330	20
Black limestone		1330	1480	150
Clay - Dike		1480	1510	30
Black Limestone	X	1510	1610	100

N40.174856
W116.618369 NAD83

Date started: 10-6-, 20 06
Date completed: 10-8-, 20 06

7. Water Level
Static water level: 972 feet below land surface
Artesian Flow: — G.P.M. 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)
Drill pipe	45		

9. WELL CONSTRUCTION
Depth Drilled 1610 Feet Depth Cased 1610 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13 1/4	Inches	0	Feet	20	Feet
6 3/4	Inches	20	Feet	1610	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8"	33	.375	0	20
2"	PVC	Sch 80	0	1610

Perforations:
Type of perforation Slotted
Size of perforation 0.020
From 1550 feet to 1610 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 54 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 54 to 73 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 1548 to 1610 ☒ Pumped ☐ Poured
Type: 1/4"
Bentonite Chips: ☒ Yes ☐ No 73 to 1548 ☒ Pumped ☐ Poured
Type: EZ Seal #8 3/8 hole plug Abandonite

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 John M O'B
By driller performing actual drilling on site or contractor
Date 10-20-06

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY