CHPZ-37
PLUGGED BY
well LOG # 113547

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

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

OFFICE USE ONLY
Log No. 104091
Permit No.
Basin Ø54

NOTICE OF INTENT NO. 58623

1. OWNER Cortez Gold Mines
MAILING ADDRESS HC66 Box 1250
Crescent Valley, NV

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. M/O 1437
Issued by Water Resources
Parcel No.

Latitude 40.168672
Longitude 116.599409
UTM E 534111.378 ☒ NAD 27
N 4446345.530 ☐ 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 mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Limestone		0	250	250
Limestone with clay		250	270	20
Limestone		270	340	70
Limestone with clay		340	390	50
Limestone		390	440	50
Clay		440	600	160
Quartz monzonite	X	600	1240	640
Quartz - Clay Dike		1240	1280	40
Quartz monzonite	X	1280	1500	320

Date started: 3-23, 20 07
Date completed: 4-17, 20 07

7. Water Level
Static water level: 649 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)
Airlift	78		
Drill Pipe			

9. WELL CONSTRUCTION
Depth Drilled 1500 Feet Depth Cased 1500 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14"	Inches	0	Feet	80	Feet
9 7/8	Inches	80	Feet	1500	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10	48	0.438	0	80
4"	10.79	0.230	0	1500

Perforations:
Type of perforation 0.020 Slotted
Size of perforation 0.020
From 980 feet to 1240 feet
From 1280 feet to 1500 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 55 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 1240 to 1280 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 978 to 1240 ☒ Pumped ☐ Poured
Type: SRI 1/4" 1280 1500 x Pumped
Bentonite Chips ☒ Yes ☐ No 55 to 978 ☐ Pumped ☐ Poured
Type: EZSEAL #8 3/8 hole plug

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'Brien
By driller performing actual drilling on site or contractor
Date 5/11/07

(Rev 05-08)

USE ADDITIONAL SHEETS IF NECESSARY