

STATE OF NEVADA
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY
 Log No. 86404
 Permit No. _____
 Basin 5A

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 50538

1. OWNER Cortez Gold Mines PIPE-04
 MAILING ADDRESS HC 66, Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Gold minesite,
south of Crescent Valley, NV.

2. LOCATION NW 1/4 SW 1/4 Sec. 5 T 27N
 PERMIT NO. M/O-1003 Issued by Water Resources
N/A Parcel No.

N/S R 47E E Lander County
N/A Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon 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	Thick-ness
Abandoned by pumping neat cement, pouring hole plug, and capped with neat cement.				
Quantities Used:				
Cement: 4.8 cu.ft.		0	50	50
Hole plug: 10.4 cu.ft.		50	175	125
Cement: 110.8 cu.ft.		175	496	321
Original Construction Detail:				
Cement		0	64	64
Bentonite chips		64	71	7
Bentonite slurry		71	420	349
Gravel pack		420	500	80

8. WELL CONSTRUCTION
 Depth Drilled 500 Feet Depth Cased 496 Feet
 HOLE DIAMETER (BIT SIZE)

	From	To
<u>14</u> Inches	<u>0</u> Feet	<u>20</u> Feet
<u>8</u> Inches	<u>20</u> Feet	<u>180</u> Feet
<u>7.875</u> Inches	<u>180</u> Feet	<u>500</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4</u>	<u>2.86</u>	<u>Sch. 80</u>	<u>+2</u>	<u>496</u>

Perforations:
 Type perforation Horizontal
 Size perforation 0.020"
 From 430 feet to 496 feet
 From _____ feet to _____ feet

Surface Seal: Yes No
 Depth of Seal 64'
 Placement Method: Pumped Poured
 Seal Type: Neat Cement Cement Grout Concrete Grout
 Gravel Packed: Yes No
 From 420 feet to 500 feet

9. WATER LEVEL
 Static water level Dry feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started 3/26/2002 .19
 Date completed 3/26/2002 .19

7. WELL TEST DATA

TEST METHOD:	G.P.M.		Time (Hours)
	Draw Down (Feet Below Static)		
<input type="checkbox"/> Bailer			
<input type="checkbox"/> Pump			
<input type="checkbox"/> Air Lift			

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Lang Exploratory Drilling Contractor
 Address P.O. Box 5279 Contractor
Elko, NV 89802-5279
 Nevada contractor's license number issued by the State Contractor's Board 0021976
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1410
 Signed John Vurgutz
 By driller performing actual drilling on-site or contractor
 Date 3/27/02

BSW