

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

OFFICE USE ONLY
 Log No. 92959
 Permit No. 57147
 Basin 54

NOTICE OF INTENT NO. 52584

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

1. OWNER Cortez Gold Mines DB-27 ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.
 MAILING ADDRESS HC 66, Box 1250 Crescent Valley, NV 89821

2. LOCATION SW 1/4 SW 1/4 Sec. 5 T 27N N/S R 47 E Lander County
 PERMIT NO. 57147 Issued by Water Resources Parcel No. N/A Subdivision Name N/A

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
Alluvium		0	535	535
Calcareous siltstone		535	710	175
Silty limestone		710	880	170
Limestone		880	940	60
Micrite		940	950	10
Limestone		950	970	20
Calc-silicate marble		970	1020	50
Micrite		1020	1190	170
Silty limestone		1190	1722	532
Construction Details:				
Steel plate welded between 18" and 26" casings at surface.				
Cement plug inside and outside 18" casing				
		1709	1722	13

Date started 2/24/2004, 19
 Date completed 3/22/2004, 19

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	290	0	1

8. WELL CONSTRUCTION

Depth Drilled 1722 Feet Depth Cased 1722 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
38	0	20	Feet
31	20	530	Feet
24	530	1720	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
34	134.67	0.375	0	20
26	102.63	0.375	0	530
18	70.59	0.375	+2	1722

Perforations:
 Type perforation Louver
 Size perforation 0.125"

From	To	Feet
380	400	feet
799	1722	feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal 530'

Placement Method: Pumped Poured

Gravel Packed: Yes No
 From 10 feet to 1709 feet

9. WATER LEVEL

Static water level 789.2 feet below land surface
 Artesian flow N/A G.P.M. _____ P.S.I. _____
 Water temperature Warm °F Quality Good

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 2243

Signed Aaron Martinez
 By driller performing actual drilling on-site or contractor

Date 3/25/04

B-STL