

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

OFFICE USE ONLY
 Log No. 86416
 Permit No. _____
 Basin SH

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. 48222

1. OWNER Cortez Gold Mines SH-02 A/R ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.
 MAILING ADDRESS HC66, Box 1250 Crescent Valley, NV 89821

2. LOCATION NE 1/4 SE 1/4 Sec. 12 T 27N N/S R 46E E Lander County
 PERMIT NO. NEV0093109 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 Municipal/Industrial Irrigation Monitor Test Stock

5. WELL TYPE
 Cable Rotary RVC Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvium		0	30	30
Black and brown rock		30	50	20
Black rock		50	360	310
Construction Detail:				
Cement		0	20	20
Hole plug		20	248	228
Bentonite pellets		248	253	5
Gravel		253	360	107

8. WELL CONSTRUCTION
 Depth Drilled 360 Feet Depth Cased 359 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>14.75</u> Inches	<u>0</u> Feet	<u>20</u> Feet
<u>8.179</u> Inches	<u>20</u> Feet	<u>360</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10.750</u>	<u>28.04</u>	<u>0.250</u>	<u>+2</u>	<u>20</u>
<u>4.500</u>	<u>11.3</u>	<u>0.250</u>	<u>+1</u>	<u>359</u>

Perforations:
 Type perforation Vertical slots
 Size perforation 0.125"

From	To
<u>259</u> feet to	<u>359</u> feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout
 Depth of Seal 20'
 Placement Method: Pumped Poured
 Gravel Packed: Yes No
 From 253 feet to 360 feet

9. WATER LEVEL
 Static water level 242.4 feet below land surface
 Artesian flow N/A G.P.M. _____ P.S.I. _____
 Water temperature Cool °F Quality Good

Date started 1/14/2002, 19
 Date completed 1/16/2002, 19

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>10</u>	<u>Not Meas.</u>	<u>2.5</u>	

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 2144
 Signed Paul Stoddard
 By driller performing actual drilling on-site or contractor
 Date 1/22/02

B.S.T.C.