

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

OFFICE USE ONLY  
 Log No. 86415  
 Permit No. \_\_\_\_\_  
 Basin 54

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. 48229

1. OWNER Cortez Gold Mine SH-01T ADDRESS AT WELL LOCATION Cortez Gold minesite,  
 MAILING ADDRESS HC 66, Box 1250 south of Crescent Valley, NV.  
Crescent Valley, NV 89821

2. LOCATION SE NE 1/4 SW NW 1/4 Sec. 7 T 27N N/S R 47E E Lander County  
 PERMIT NO. NEV0093109 Parcel No. N/A Subdivision Name N/A  
Issued by Water Resources

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	85	85
Brown & black bed rock		85	280	195
Black rock		280	700	420
<b>Construction Detail:</b>				
Cement		0	20	20
Hole plug		20	525	505
Bentonite pellets		525	533	8
Sand		533	700	167

*Vertical stamp: STATE OF NEVADA DIVISION OF WATER RESOURCES*

N 40. 229744  
W 116. 725437 N/A 22

8. WELL CONSTRUCTION  
 Depth Drilled 700 Feet Depth Cased 700 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>14.75</u>	<u>0</u>	<u>20</u>	Feet
<u>6.50</u>	<u>20</u>	<u>700</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>2.375</u>	<u>0.96</u>	<u>Sch. 80</u>	<u>+1</u>	<u>540</u>

Perforations:  
 Type perforation Slotted  
 Size perforation 0.020"

From	To	Feet
<u>540</u>	<u>700</u>	feet
_____	_____	feet

Surface Seal:  Yes  No  
 Depth of Seal 20'  
 Placement Method:  Pumped  Poured  
 Seal Type:  Neat Cement  Cement Grout  Concrete Grout

Gravel Packed:  Yes  No  
 From 533 feet to 700 feet

9. WATER LEVEL  
 Static water level 626 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature Cool °F Quality Poor

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 1/18/02

Date started 1/13/2002, 19\_\_\_\_  
 Date completed 1/14/2002, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	G.P.M.	
<u>Trace</u>	<u>Not Meas.</u>	<u>3.75</u>

B.S.T.L