

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY  
 Log No. 86422  
 Permit No. \_\_\_\_\_  
 Basin 54

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. 47567

1. OWNER Cortez Gold Mines Pipe-02  
 MAILING ADDRESS HC 66, Box 1250  
Crescent Valley, NV 89821

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

2. LOCATION SW 1/4 NE 1/4 Sec. 6 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  
 Municipal/Industrial  
 Irrigation  
 Monitor  
 Test  
 Stock

5. WELL TYPE  
 Cable  
 Rotary  
 RVC  
 Air  
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<b>A 2" steel liner was removed from the well prior to abandoning.</b>				
<b>Abandoned by pumping abantonite via tremie from T.D. to static water level, poured hole plug to 21.3', and capped with neat cement.</b>				
<b>Quantities Used:</b>				
<b>Cement: 2.36 cu.ft.</b>				
<b>Bentonite plug: 95.9 cu.ft.</b>				
<b>Abantonite: 120.6 cu.ft.</b>				
<b>Original Construction Detail:</b>				
<b>Cement</b>		<b>0</b>	<b>69</b>	<b>69</b>
<b>Bentonite chips</b>		<b>69</b>	<b>100</b>	<b>31</b>
<b>Bentonite slurry</b>		<b>100</b>	<b>910</b>	<b>810</b>
<b>Sand pack</b>		<b>910</b>	<b>1000</b>	<b>90</b>

8. WELL CONSTRUCTION

Depth Drilled 1000 Feet Depth Cased 997.5 Feet  
**HOLE DIAMETER (BIT SIZE)**  

14 Inches	0 Feet	20 Feet
8 Inches	20 Feet	980 Feet
7.875 Inches	980 Feet	1000 Feet

**CASING SCHEDULE**

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>4.5</b>	<b>2.86</b>	<b>Sch. 80</b>	<b>+2.5</b>	<b>997.5</b>

**Perforations:**  
 Type perforation Horiz.  
 Size perforation 0.020"  
 From 937.5 feet to 997.5 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No  
 Depth of Seal 69'  
 Placement Method:  Pumped  Poured  
 Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Gravel Packed:  Yes  No  
 From 910 feet to 1000 feet

9. WATER LEVEL  
 Static water level 802.3 feet below land surface  
 Artesian flow N/A G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

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 1/3/02

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

B.S.T.C