

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY  
 Log No. 85399  
 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. 47475

1. OWNER Cortez Gold Mines CGM-17 ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.  
 MAILING ADDRESS HC 66, Box 1250 Crescent Valley, NV 89821

2. LOCATION NE 1/4 NE 1/4 Sec. 24 T 27N N/S R 47E E Lander County  
 PERMIT NO. N/A 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	Thickness
Dump/fill		0	25	25
Alluvium with granite boulders		25	140	115
Construction Details:				
Cement		0	20	20
Hole plug		20	51.5	31.5
Bentonite pellets		51.5	59.5	8
Gravel pack		59.5	140	80.5

8. WELL CONSTRUCTION

Depth Drilled 140 Feet Depth Cased 130 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>14.75</u> Inches	<u>0</u> Feet	<u>40</u> Feet
<u>7.875</u> Inches	<u>40</u> Feet	<u>140</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10.75</u>	<u>28.04</u>	<u>0.250</u>	<u>+2</u>	<u>40</u>
<u>4.50</u>	<u>2.86</u>	<u>Sch. 80</u>	<u>+1.5</u>	<u>130</u>

Perforations:  
 Type perforation Slot  
 Size perforation 0.020"

From	To
<u>65</u> feet to	<u>130</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 59.5 feet to 140 feet

9. WATER LEVEL  
 Static water level 88 feet below land surface  
 Artesian flow N/A G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
 Water temperature Cool °F Quality Fair

Date started 12/13/2001, 19\_\_\_\_  
 Date completed 12/14/2001, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>6.5</u>	<u>Not Meas.</u>	<u>1.5 Hours</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 12/18/01