

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

OFFICE USE ONLY  
Log No. 95723  
Permit No. \_\_\_\_\_  
Basin 054

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. 54988

1. OWNER Cortez Gold Mines ADDRESS AT WELL LOCATION \_\_\_\_\_  
MAILING ADDRESS HC 66 Box 1250 \_\_\_\_\_  
Crescent Valley Nevada 89821 \_\_\_\_\_  
2. LOCATION SW 1/4 NE 1/4 Sec 33 T. 28 N 47 E Lander County  
PERMIT NO. \_\_\_\_\_ Issued by Water Resources Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

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
<u>IM 59.5</u>				
<u>Alluvium</u>	<u>NO</u>	<u>0</u>	<u>120</u>	<u>120</u>
<u>Alluvium</u>	<u>yes</u>	<u>120</u>	<u>150</u>	<u>30</u>
<u>placed bentonite seal between gravel pack and cement seal</u>				

8. WELL CONSTRUCTION  
Depth Drilled 150 Feet Depth Cased 150 Feet  
HOLE DIAMETER (BIT SIZE)  
From To  
1 1/2 Inches 0 Feet 20 Feet  
8 1/2 Inches 20 Feet 150 Feet  
CASING SCHEDULE  
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)  
4" Sch 80 +2 150'  
Perforations:  
Type perforation slotted  
Size perforation 1.020  
From 110 feet to 140 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Surface Seal:  Yes  No Seal Type:  
Depth of Seal 50'  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
Gravel Packed:  Yes  No  
From 105 feet to 150 feet  
9. WATER LEVEL  
Static water level 86.00 feet below land surface  
Artesian flow None G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
Water temperature \_\_\_\_\_ °F Quality good

Date started 12-6, 2004  
Date completed 12-7, 2004

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			<u>6 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 Ekelund Drilling Co, Inc Contractor  
Address P.O. Box 2748 Contractor  
Eko, W 89803  
Nevada contractor's license number 80030823  
issued by the State Contractor's Board.  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1861  
Signed Paul Mikelson  
By driller performing actual drilling on site or contractor  
Date 12-17-04

RECEIVED  
05 JAN 10 PM 1:10  
STATE ENGINEERS OFFICE

