

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

Log No. 95725  
 Permit No. \_\_\_\_\_  
 Basin 054

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

NOTICE OF INTENT NO. 54990

1. OWNER Cortez Gold Mines ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS HC 66 Box 1250 Same  
Crescent Valley Nevada 89821  
 2. LOCATION NW 1/4 SW 1/4 Sec. 33 T. 28 S. R. 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 61 D</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>200</u>	<u>80</u>
<u>placed bentonite seal between gravel pack and cement seal</u>				

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 05 JAN 10 PM 11:18  
 STATE ENGINEERS OFFICE

Date started 12-8, 2004  
 Date completed 12-9, 2004

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
		<u>8 hours</u>

8. WELL CONSTRUCTION  
 Depth Drilled 200 Feet Depth Cased 200 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 14 1/2 Inches 0 Feet 20 Feet  
 To 8 1/2 Inches 20 Feet 200 Feet  
 Casing Schedule  

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>		<u>Sch 80</u>	<u>+1</u>	<u>200</u>

 Perforations:  
 Type perforation Slotted  
 Size perforation .020  
 From 160 feet to 190 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Surface Seal:  Yes  No Seal Type:  Neat Cement  
 Depth of Seal 50'  Cement Grout  
 Placement Method:  Pumped  Concrete Grout  
 Poured  
 Gravel Packed:  Yes  No  
 From 165 feet to 200 feet

9. WATER LEVEL  
 Static water level 175.03 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality Good

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Eklund Drilling Co, Inc. Contractor  
 Address P.O. Box 2748 Contractor  
Elko, Nevada 89803  
 Nevada contractor's license number 0030823  
 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 Mikelan  
 By driller performing actual drilling on site or contractor  
 Date 12-17-04