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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. 27162

1. OWNER CORTEZ GOLD MINES ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS Star Route HC 66-50 \_\_\_\_\_  
Beowawe, NV 89801 0121 \_\_\_\_\_  
Cortez Gold Mine \_\_\_\_\_  
 2. LOCATION NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 19 T. 27 N. S. R. 48 E. Lander County  
 PERMIT NO. M/O 828 MW 77 \_\_\_\_\_  
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
MW 77				
Silty sand		0	9	9
Sand & fine** gravel		9	35	26
Clay w/sand layers		35	55	20
Sand & gravel	X	55	85	30
Sand packed with #8 -10 silica sand to 55 ft.				
Placed 3/8 bentonite seal above sand to 52 ft.				
Pumped bentonite slurry from 12 ft to 52 ft.				
Cement to surface and set monument at +3 ft.				

8. WELL CONSTRUCTION  
 Depth Drilled 85 Feet Depth Cased 85 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From To  
8-3/4 Inches 0 Feet 85 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	PVC	SCH 40	+3	85

Perforations:  
 Type perforation Machine slots  
 Size perforation .020  
 From 65 feet to 85 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 12  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Gravel Packed:  Yes  No  
 From 55 feet to 85 feet

9. WATER LEVEL  
 Static water level 63 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature cold °F Quality good

Date started September 15, 1994  
 Date completed September 15, 1994

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 type="checkbox"/> Air Lift		<u>N/A</u>	

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name HACKWORTH DRILLING, INC.  
 Address P.O. Box 850  
Elko, NV 89803  
 Nevada contractor's license number issued by the State Contractor's Board 020582  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1654  
 Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date 10-21-94