

OFFICE USE ONLY  
 Log No. 46176  
 Permit No. \_\_\_\_\_  
 Basin 054

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. 27161

1. OWNER Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Gold Mine  
 MAILING ADDRESS Star Route HC 66-50  
Beowawe, NV 89821-9708

2. LOCATION SE 1/4 SW 1/4 Sec. 18 T 27 N/S R. 48 E Lander County  
 PERMIT NO. M/O 828 Issued by Water Resources | MW 76 Parcel No. | Tract of Land 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 76				
Sand and clay		0	11	11
Sand		11	17	6
Clay with small zones of sand & gravel		17	33	16
Sand & gravel	x	33	46	13
Sand packed with #8 -10 silica sand to 28 ft.				
Placed 3/8 bentonite seal above sand to 26 ft.				
Pumped bentonite slurry from 8 ft. to 26 ft.				
Cement to surface and set monument at +3 ft.				

8. WELL CONSTRUCTION  
 Depth Drilled 46 Feet   Depth Cased 46 Feet

HOLE DIAMETER (BIT SIZE)  
 From 0 To 46  
8-3/4 Inches   Feet   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	46

Perforations:  
 Type perforation Machine slots  
 Size perforation .020  
 From 31 feet to 46 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes    No   Seal Type:  
 Depth of Seal 8    Neat Cement  
 Placement Method:  Pumped    Cement Grout  
 Poured    Concrete Grout

Gravel Packed:  Yes    No  
 From 28 feet to 46 feet

9. WATER LEVEL  
 Static water level 42' feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M.   P.S.I.  
 Water temperature cold °F   Quality good

Date started September 13, 1994  
 Date completed September 13, 1994

7. WELL TEST DATA

TEST METHOD:  Bailer    Pump    Air Lift

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

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. Contractor  
 Address P.O. Box 850 Contractor  
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