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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. 45250

1. OWNER Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Gold Mines, Star Rt HC 66.50  
 MAILING ADDRESS Star Rt HC 66.50 Beowawe Beowawe NV, 89821  
 NV, 89821

2. LOCATION NE 1/4 SW 1/4 Sec. 7 T. 27 S. R. 47 E. Lander County

PERMIT NO. 45250 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 Sonic

6. LITHOLOGIC LOG Hole # SH-02A

Material	Water Strata	From	To	Thick-ness
Alluvium/little to no Rocks		0	7	7'
Alluvium/Bing dust (Fine Powder)		7	14	7'
Alluvium/Gravel 5"-10" Rocks		14	40	26'
Alluvium/Gravel 1/4"-2"		40	53	13'
Alluvium/pea gravel		53	70	17'
Alluvium/little to no Rocks		70	80	10'
Alluvium/Gravel 1/4"-2"		80	90	10'
Mostest Fine Sand	Mostest	90	96	6'
Alluvium/Gravel 1/4"-2"		96	110	14'
Alluvium little clay 1/4 1/2 gravel (Hole stays open)		110	117	7'
Alluvium very little clay 1/4 1/2 Gravel		117	120	4'
	No water			

8. WELL CONSTRUCTION  
 Depth Drilled 121 Feet Depth Cased 120 Feet

HOLE DIAMETER (BIT SIZE)  
 From To  
6" Inches Ø Feet 121 Feet  
8" Inches Ø Feet 120 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"		sch 40	Ø	109

Perforations:  
 Type perforation Fac. Horizontal  
 Size perforation Ø20

From 109 feet to 119 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 2.7'  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout

Sand #8  
 Gravel Packed:  Yes  No  
 From 107 feet to 120' feet

9. WATER LEVEL  
 Static water level No water feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

Date started 4/21/01  
 Date completed 4/22/01

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

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

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Boast Longyear / Nathan Jackson Contractor  
 Address P.O. Box 1000 Dayton NV 89403 Contractor

Nevada contractor's license number issued by the State Contractor's Board 0621976  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2168

Signed Nathan Jackson  
 By driller performing actual drilling on site or contractor  
 Date 04/24/01