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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. 18502

1. OWNER Cortez Gold Mines ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS Star Rte. HC 66-50 \_\_\_\_\_

2. LOCATION NE 1/4 NE 1/4 Sec. 12 T. 27 N. R. 47 E. Lander County \_\_\_\_\_  
 PERMIT NO. R-150 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

#5 Reclamation well

Material	Water Strata	From	To	Thickness
Clay		0	7	7
Cemented sand & gravel		7	15	8
Sand	Seep	15	16	1
Cemented sand & gravel		16	19	3
Sand w/water		19	26	7
Clay, sand, gravel		26	30	4
Clay		30	40	10
Sand w/water		40	41	1
Clay		41	45	4
T.D. <u>45</u>				

8. WELL CONSTRUCTION

Depth Drilled 45 Feet Depth Cased 45 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>10</u> Inches	<u>45</u> Feet
_____ Inches	_____ Feet
_____ Inches	_____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>12.92</u>	<u>.188</u>	<u>+1 1/2</u>	<u>15</u>
			<u>30</u>	<u>37</u>
			<u>42</u>	<u>45</u>

Perforations:  
 Type perforation SS SCREEN  
 Size perforation 0.020  
 From 15 feet to 30 feet  
 From 37 feet to 42 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 14  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout

Gravel Packed:  Yes  No  
 From 14 feet to 45 feet

Date started 6/2, 1992  
 Date completed 6/5, 1992

7. WELL TEST DATA Cemented 6/2/92

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>15 gpm = total capacity</u>		

9. WATER LEVEL  
 Static water level 19 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name MUTH DRILLING Co Contractor  
 Address 203 Pine St Contractor  
Elko, NV 89801  
 Nevada contractor's license number issued by the State Contractor's Board 10819  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 632  
 Signed James R. Muth  
 By driller performing actual drilling on site or contractor  
 Date 7/1/92