

STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
WELL DRILLER'S REPORT

OFFICE USE ONLY  
Log No. 74975  
Permit No. 57142  
Basin 054

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 52589

1. OWNER Cortez Gold Mines DB-18 ADDRESS AT WELL LOCATION Cortez Gold minesite,  
MAILING ADDRESS HC 66, Box 1250 south of Crescent Valley, NV.  
Crescent Valley, NV 89821

2. LOCATION NE 1/4 SW 1/4 Sec. 5 T 27N N/S R 47 E Lander County  
PERMIT NO. 57142 Issued by Water Resources Parcel No. N/A Subdivision Name N/A

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_  
4. PROPOSED USE Mining  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock  
5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<b>Abandonment procedure was discussed with DWR prior to doing the work. The well's original upper 160' have already been mined off, and the current mine plan shows another 400' to be mined off. Prior to abandoning, perforated from 350' to 400', nine passes with perforator.</b>				
Abandoned by circulating abantonite via tremie from T.D. to 824', where it would rise no futher.		1316	824	
Hole plug bridge.		824	822	
Cement plug.		822	812	
Poured hole plug while pumping abantonite.		812	581	
Cement plug.		581	564	
Clean fill.		564	450	
Cement plug.		450	347	
Clean fill.		347	20	
Cement cap.		20	0	
<b>Quantities Used:</b>				
<b>Continued on next page</b>				

Date started 12/6/2004, 19\_\_\_\_  
Date completed 12/9/2004, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	Bailer		Pump		Air Lift	
	G.P.M.	Draw Down (Feet Below Static)	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	Time (Hours)

8. WELL CONSTRUCTION

Depth Drilled 1500 Feet Depth Cased 1490 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
38 Inches	0 Feet	20 Feet
31 Inches	20 Feet	140 Feet
24 Inches	140 Feet	1500 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
34	134.67	0.375	0	20
26	102.63	0.375	0	140
18	58.94	0.312	+2	1490

Perforations:  
Type perforation Louver  
Size perforation 0.080"

From 800 feet to 1480 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
Depth of Seal 140'  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout

Gravel Packed:  Yes  No  
From 0 feet to 1490 feet

9. WATER LEVEL  
Static water level 824 feet below land surface  
Artesian flow N/A G.P.M. N/A P.S.I.  
Water temperature Warm °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 Lang Exploratory Drilling Contractor  
Address P.O. Box 5279 Contractor  
Elko, NV 89802-5279  
Nevada contractor's license number issued by the State Contractor's Board 0021976  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2283  
Signed Dale Jensen  
By driller performing actual drilling on-site or contractor  
Date 12/10/04

BST.C

