

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

OFFICE USE ONLY
 Log No. 84478
 Permit No. _____
 Basin 54

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. **47469**

1. OWNER Cortez Gold Mines DB-19 ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV
 MAILING ADDRESS Star Route HC 66-50 Beowawe, NV 89821

2. LOCATION NW 1/4 NE 1/4 Sec. 31 T 28N N/S R 47E E Lander County
 PERMIT NO. 57134 Issued by Water Resources Parcel No. N/A N/A 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	Thick-ness
Alluvium		0	120	120
Brown rock		120	230	110
Black and brown rock		230	350	120
Red rock		350	400	50
Red and black rock		400	550	150
Black rock		550	930	380
Black rock with calcite		930	1710	780

Construction Notes:
 1. "Leaky pipe" from 498.26' - 518.28', and 918.19' - 8.21'.
 2. Steel ring welded between 18" and 26" casings at surface.

8. WELL CONSTRUCTION
 Depth Drilled 1710 Feet Depth Cased 1700 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
38 Inches	0	20 Feet
31 Inches	20	160 Feet
24 Inches	160	1710 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
34	177.21	0.500	0	20
26	102.68	0.375	0	160
18	70.59	0.375	+2	1700

Perforations:
 Type perforation Louver
 Size perforation 0.125"

From	To
<u>1000.32</u> feet	<u>1701.25</u> feet
_____ feet	_____ feet
_____ feet	_____ feet
_____ feet	_____ feet
_____ feet	_____ feet

Surface Seal: Yes No
 Depth of Seal 160'
 Placement Method: Pumped Poured
 Seal Type: Neat Cement Cement Grout Concrete Grout

Gravel Packed: Yes No
 From 0 feet to 1710 feet

Date started 9/10/2001, 19____
 Date completed 9/30/2001, 19____

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>204</u>	<u>39</u>	<u>1 Hour</u>	

9. WATER LEVEL
 Static water level 887.6 feet below land surface
 Artesian flow N/A G.P.M. P.S.I.
 Water temperature 98 °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 2130
 Signed Scott Belluston
 By driller performing actual drilling on-site or contractor
 Date 10/1/01

B.S.L.