WHITE - DIVISION OF WATER RESOURCES
CANARY - CLIENT'S COPY
PINK - WELL DRILLER'S COPY

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

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

OFFICE USE ONLY
Log No. 85395
Permit No.
Basin 54

NOTICE OF INTENT NO. 47476

**1.** OWNER Cortez Gold Mines CGM-19
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.

**2.** LOCATION SE 1/4 NE 1/4 Sec. 24 T 27N N/S R 47E E Lander County
PERMIT NO. N/A (Issued by Water Resources) N/A (Parcel No.) N/A (Subdivision Name)

**3. WORK PERFORMED**
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

**4. PROPOSED USE**
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [X] Monitor [ ] Stock

**5. WELL TYPE**
[ ] Cable [ ] Rotary [X] RVC
[ ] Air [ ] Other

**6. LITHOLOGIC LOG**

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Dump/fill | | 0 | 40 | 40 |
| Alluvium | | 40 | 160 | 120 |
| Construction Detail: | | | | |
| Cement | | 0 | 20 | 20 |
| Hole plug | | 20 | 72 | 52 |
| Bentonite pellets | | 72 | 80 | 8 |
| Gravel pack | | 80 | 160 | 80 |

Date started 12/9/2001, 19__
Date completed 12/11/2001, 19__

**7. WELL TEST DATA**
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 2.5 | Not Meas. | 2 Hours |

**8. WELL CONSTRUCTION**
Depth Drilled 160 Feet Depth Cased 155 Feet

**HOLE DIAMETER (BIT SIZE)**

| | | From | | To | |
|---|---|---|---|---|---|
| 14.75 | Inches | 0 | Feet | 40 | Feet |
| 7.875 | Inches | 40 | Feet | 160 | Feet |
| | Inches | | Feet | | Feet |

**CASING SCHEDULE**

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 10.75 | 28.04 | 0.250 | +2 | 40 |
| 4.5 | 2.86 | Sch. 80 | +1.5 | 155 |

**Perforations:**
Type perforation Slot
Size perforation 0.020"
From 85 feet to 155 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 20'
Placement Method: [X] Pumped [ ] Poured
Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 80 feet to 160 feet

**9. WATER LEVEL**
Static water level 113 feet below land surface
Artesian flow N/A G.P.M. P.S.I.
Water temperature Cool °F Quality Fair

**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 2144
Signed Paul Stoddard (By driller performing actual drilling on-site or contractor)
Date 12/18/01

USE ADDITIONAL SHEETS IF NECESSARY

B.ST.L