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. 72481
Permit No.
Basin 54

NOTICE OF INTENT NO. 39220

1. OWNER CORTEZ GOLD MINE
MAILING ADDRESS SR HC 66-50
BEOWAWE, NV 89821

ADDRESS AT WELL LOCATION
CORTEZ MINESITE (PW-05)

2. LOCATION NE 1/4 SW 1/4 Sec. 31 T 28N N/S R 47E E LANDER County
PERMIT NO. 57134 (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
[X] Municipal/Industrial (mining) [ ] Monitor [ ] Stock

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

**6. LITHOLOGIC LOG**

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| HOLE PLUG INSTALLED FROM 50' TO 20' | | | | |
| (64 CU.FT.) | | | | |
| BROWN AND TAN ROCK | | 0 | 120 | 120 |
| GREY ROCK | | 120 | 150 | 30 |
| BLACK ROCK | | 150 | 380 | 230 |

Date started 7/13/98, 19__
Date completed 7/19/98, 19__

**7. WELL TEST DATA**

TEST METHOD: [ ] Bailer [X] Pump [ ] Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 1900 | 114 | 24 hr. |

**8. WELL CONSTRUCTION**
Depth Drilled 380 Feet Depth Cased 370 Feet

**HOLE DIAMETER (BIT SIZE)**

| | | From | | To | |
|---|---|---|---|---|---|
| 31 | Inches | 0 | Feet | 20 | Feet |
| 24 | Inches | 20 | Feet | 380 | Feet |
| | Inches | | Feet | | Feet |

**CASING SCHEDULE**

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 26 | 102.62 | 0.375 | 0 | 20 |
| 18 | 70.59 | 0.375 | +1 | 370 |

**Perforations:**
Type perforation WIRE WRAP
Size perforation 0.080
From 50 feet to 327 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 50
Placement Method: [X] Pumped [ ] Poured

Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 50 feet to 380 feet

**9. WATER LEVEL**
Static water level 10 feet below land surface
Artesian flow G.P.M. 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
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 2085
Signed Dan Kohlman (By driller performing actual drilling on-site or contractor)
Date 8·6·98