DB-12

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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. 70242
Permit No.
Basin 54

NOTICE OF INTENT NO. 38460

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

ADDRESS AT WELL LOCATION
CORTEZ MINE SITE

2. LOCATION LOT 10 ¼ ¼ Sec 31 T 28 N/S R 47 E LANDER County
PERMIT NO. 57133 Issued by Water Resources | N/A Parcel No. | N/A Subdivision Name

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial (Mining) ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
☐ Air ☒ Other FLOODED

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
WHITE, BROWN, BLACK		0		
ROCK			140	140
LIGHT BROWN ROCK		140	440	300
BLACK ROCK		440	1140	700

Date started OCTOBER 30, 19 97
Date completed NOVEMBER 9, 19 97

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
275	1.5	1 HOUR

8. WELL CONSTRUCTION
Depth Drilled 1140 Feet Depth Cased 1133 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
38 Inches		0 Feet	20 Feet
31 Inches		20 Feet	140 Feet
24 Inches		140 Feet	1140 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
32	126.65	3/8	0	20
26	102.62	3/8	0	140
18	70.59	3/8	+1	604
18	70.59	3/8	1123	1133

Perforations:
Type perforation LOUVERED
Size perforation .080
From 604 feet to 1123 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

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

Gravel Packed: ☒ Yes ☐ No
From 0 feet to 1140 feet

9. WATER LEVEL
Static water level 576.6 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 2000

Signed William Eddy
By driller performing actual drilling on site or contractor
Date 11-18-97

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627