DB-14

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. 71428
Permit No.
Basin 54

NOTICE OF INTENT NO. 37490

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

ADDRESS AT WELL LOCATION CORTEZ MINE SITE

2. LOCATION NW ¼ SW ¼ Sec. 32 T. 28 N/S R. 47 E. LANDER County
PERMIT NO. 57139 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
ALUVIUM		0	410	410
BROWN ROCK		410	570	160
GREY ROCK		570	620	50
BLACK ROCK		620	660	40
GREY ROCK		660	680	20
BLACK ROCK		680	730	50
BROWN AND RED ROCK		730	800	70
RED ROCK		800	940	60
BLACK AND GREY ROCK		940	1000	60
RED ROCK		1000	1030	30
GREY AND RED ROCK		1030	1040	10
BLACK AND WHITE ROCK		1040	1080	40
GREY, BLACK, AND		1080		
TAN ROCK			1110	30
GREY ROCK		1110	1140	30

RECEIVED 98 APR 10 AM 10:52 STATE ENGINEER'S OFFICE

Date started MARCH 9, 19 98
Date completed MARCH 23, 19 98

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
305		11:15 P.M.
299		11:30 P.M.
299		11:45 P.M.
299		12:00 A.M.

8. WELL CONSTRUCTION
Depth Drilled 1140 Feet Depth Cased 1130 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
38 Inches		0 Feet	20 Feet
31 Inches		20 Feet	415 Feet
24 Inches		415 Feet	1140 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
34	138	3/8	0	20
26	102	3/8	0	415
18	70.59	3/8	+1	1130

Perforations:
Type perforation LOUVERED
Size perforation .080
From 603 feet to 1120 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 415
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 10 feet to 1140 feet

9. WATER LEVEL
Static water level 516 feet below land surface
Artesian flow N/A G.P.M. N/A P.S.I.
Water temperature 97 °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
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 1948
Signed [signature] (By driller performing actual drilling on site or contractor)
Date 4-10-98

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