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

PRINT OR TYPE ONLY
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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. 86403
Permit No. 68518
Basin 054

Page 1 of 2

NOTICE OF INTENT NO. 47571

1. OWNER Cortez Gold Mines PPW-02
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 SE 1/4 Sec. 31 T 27N N/S R 48E E Eureka County
PERMIT NO. W-546 (Appl. 68518) 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 [ ] Monitor [ ] Stock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Cobbles and gravel		0	80	80
Brown and gray rock		80	200	120
Gray and black rock		200	930	730
Black rock		930	1040	110
Gray rock with clay		1040	1060	20
Gray and brown rock		1060	1115	55
Construction Detail:				
Cement		0	50	50
Hole plug		50	550	500
Gravel pack		550	1115	565

02 APR 19 PM 12:12
STATE ENGINEER'S OFFICE

Date started 3/25/2002, 19__
Date completed 4/7/2002, 19__

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
162	77	1 Hour

8. WELL CONSTRUCTION
Depth Drilled 1115 Feet Depth Cased 1105 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
31	Inches	0	Feet	20	Feet
24	Inches	20	Feet	155	Feet
17.5	Inches	155	Feet	1115	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
26	102.6	0.375	0	20
20	78.6	0.375	0	155
12	49.56	0.375	+2	600

Perforations:
Type perforation Louvered
Size perforation 0.125"
From 600 feet to 1105 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 550 feet to 1115 feet

9. WATER LEVEL
Static water level 610 feet below land surface
Artesian flow N/A G.P.M. ___ P.S.I.
Water temperature Cool °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 2115
Signed Dustin Wilcox (By driller performing actual drilling on-site or contractor)
Date 4/17/02

USE ADDITIONAL SHEETS IF NECESSARY

Plugged by Well log 122747

BST-C

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17.5	Inches	155	Feet	1115	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
12	38	0.312	600	1105

Perforations:
Type perforation Louvered
Size perforation 0.125"
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From ___ feet to ___ feet
From ___ feet to ___ feet
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From ___ feet to ___ feet

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Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2115
Signed Austin Wilcox (By driller performing actual drilling on-site or contractor)
Date 4/17/02

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