

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

OFFICE USE ONLY
 Log No. 86418
 Permit No. 57744-72667
 Basin 54 72668
 Page 1 of 2 72669
 NOTICE OF INTENT NO. 48227

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

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

1. OWNER Cortez Gold Mines DB-21 ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.
 MAILING ADDRESS HC 66 Box 1250 Crescent Valley, NV 89821

2. LOCATION NW 1/4 NE 1/4 Sec. 5 T 27N N/S R 47E E Lander County
 PERMIT NO. SE 57744 SW Issued by Water Resources Parcel No. N/A N/A Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other Fld Rvs

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand and gravel		0	420	420
Light brown rock		420	900	480
Light brown and grey rock		900	1140	240
Black rock		1140	1180	40
Light brown and black rock		1180	1190	10
Black rock with small amount of white rock		1190	1555	365
Steel plate welded between 18" and 26" casings at surface.				
CEMENT SEAL Ground 26" casing				
Gravel Pack Between 18" & 26"				

8. WELL CONSTRUCTION
 Depth Drilled 1555 Feet Depth Cased 1551 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
38	0	20	Feet
31	20	420	Feet
24	420	1555	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
34	134.66	0.375	0	20
26	102.62	0.375	0	420
18	70.58	0.375	+1	727

Perforations:
 Type perforation Louvered
 Size perforation 0.125"

From	To	Feet
447	467	feet to feet
727	1540	feet to feet
		feet to feet
		feet to feet
		feet to feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 420' Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 8 feet to 1555 feet

9. WATER LEVEL
 Static water level 700 feet below land surface
 Artesian flow N/A G.P.M. 433 P.S.I.
 Water temperature 55 °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 Austin Wilcox
 By driller performing actual drilling on-site or contractor
 Date 3/27/02

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>433</u>	<u>0</u>	<u>Half hour</u>

B.S.T.L

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

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 Log No. 86418
 Permit No. 57149 72667
 Basin 5N 72668
72669

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 PERMIT NO. SE 57149 SW N/A N/A
Issued by Water Resources Parcel No. Subdivision Name

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 Deepen Abandon Other _____

4. PROPOSED USE
 Domestic Irrigation Test
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	From	To
38 Inches	0 Feet	20 Feet
31 Inches	20 Feet	420 Feet
24 Inches	420 Feet	1555 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
18	58.93	0.312	727	1550

Perforations:
 Type perforation Louvered
 Size perforation 0.125"

From	To
447 feet	467 feet
727 feet	1540 feet

Surface Seal: Yes No Seal Type: Neat Cement
 Depth of Seal 420' Cement Grout
 Placement Method: Pumped Poured Concrete Grout
 Gravel Packed: Yes No
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 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 3/27/02

Date started 3/9/2002, 19____
 Date completed 3/24/2002, 19____

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