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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. 100431
Permit No. 57147
Basin 054

NOTICE OF INTENT NO. 56373

1. OWNER Cortez Gold Mines DB28-W2 Page -1-
MAILING ADDRESS HC 66, Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.
GPS:

2. LOCATION SW ¼ SW ¼ Sec 5 T 27 N R 47 E Lander County

PERMIT NO. 57147 (Issued by Water Resources) | N/A (APN) | 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvial gravel & clay		0	546	546
Brown & gray rock		546	600	54
Lost circulation		600	800	200
Mostly gray some brown		800	865	65
Black rock		865	870	5
Mostly gray some brown		870	1010	140
Black rock traces white		1010	1080	70
Mostly brown traces black		1080	1170	90
Black rock traces white		1170	1350	180
Brown rock		1350	1380	30
Black rock traces white		1380	1720	340

Notes:

Hole plug from 516' to 567' outside of the 26" casing.

26" casing cut off at 500'.

Cement between 18" & 34" 0 - 200'.

Date started 03/15, 20 06
Date completed 04/13, 20 06

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
460	1	One

8. WELL CONSTRUCTION

Depth Drilled 1720 Feet Depth Cased 1705 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
46 Inches	0 Feet	80 Feet
38 Inches	80 Feet	516 Feet
31 Inches	516 Feet	567 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40	210.93	0.500	0	80
34	178.89	0.500	0	516
26	202.25	0.750	500	567

Perforations:
Type perforation Louvered
Size perforation 0.125"
From 279.94 feet to 299.96 feet
From 539.95 feet to 559.93 feet
From 999.78 feet to 1705.00 feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No Seal Type:
Depth of Seal See Notes ☐ Neat Cement
Placement Method: ☐ Pumped ☒ Cement Grout
☒ Poured ☐ Concrete Grout
Gravel Packed: ☒ Yes ☐ No ☐ 30% Grout
From 200 feet to 1720 feet

9. WATER LEVEL
Static water level 907 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature 98 °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 89802-5279
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 2233
Signed
By driller performing actual drilling on site or contractor
Date 04/18/06

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Basin .....

NOTICE OF INTENT NO. 56373

1. OWNER Cortez Gold Mines DB28-W2 Page -2-
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Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Gold minesite, south of Crescent Valley, NV.
GPS:

2. LOCATION SW ¼ SW ¼ Sec 5 T 27 N R 47 E Lander County

PERMIT NO. 57147 (Issued by Water Resources) | N/A (APN) | 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness

Date started ....., 20 .....
Date completed ....., 20 .....

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION

Depth Drilled ..... Feet Depth Cased ..... Feet

HOLE DIAMETER (BIT SIZE)

	From	To
24 Inches	567 Feet	1720 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
18	70.59	0.375	+2	1705

Perforations:
Type perforation .....
Size perforation .....
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

Surface Seal: ☐ Yes ☐ No Seal Type:
Depth of Seal ..... ☐ Neat Cement
Placement Method: ☐ Pumped ☐ Cement Grout
☐ Poured ☐ Concrete Grout
Gravel Packed: ☐ Yes ☐ No ☐ 30% Grout
From ..... feet to ..... feet

9. WATER LEVEL
Static water level ..... feet below land surface
Artesian flow ..... G.P.M ..... P.S.I
Water temperature ..... °F Quality .....

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name ..... (CONTRACTOR)
Address ..... (CONTRACTOR)
.....
Nevada contractor's license number issued by the State Contractor's Board .....
Nevada driller's license number issued by the Division of Water Resources, the on-site driller .....
Signed ..... By driller performing actual drilling on site or contractor
Date .....

(Rev 12/01) USE ADDITIONAL SHEETS IF NECESSARY

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