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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. 97126
Permit No.
Basin 054
NOTICE OF INTENT NO. 54788

1. OWNER Cortez Gold Mines PPW-03
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills Project, about 15 miles SE of Crescent Valley

2. LOCATION SW ¼ NE ¼ Sec 6 T 26 N R 48 E Eureka County

PERMIT NO. M/O-1365, R-491 (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 ☐ Monitor ☐ Stock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
White, black & brown		0		
rock			170	170
Black & brown rock		170	240	70
Gray rock w/ clay		240	270	30
White & black rock		270	340	70
Gray & black rock w/clay		340	360	20
Brown&black sand w/clay		360	440	80
White&gray rock w/clay		440	500	60
Black&gray rock w/clay		500	590	90
Black rock		590	640	50
White clay w/rock		640	1040	400
Black rock w/ clay		1040	1140	100
White clay w/ rock		1140	1290	150
Black clay		1290	1310	20
Brown & white clay		1310	1330	20
Black rock		1330	1340	10
White rock w/clay		1340	1465	125
Construction Detail				
Cement		0	50	
Hole plug		50	740	
Gravel pack		740	1405	

Date started April 3, 20 05
Date completed May 5, 20 05

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
373	46	1:00

8. WELL CONSTRUCTION

Depth Drilled 1405 Feet Depth Cased 1404.42 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
31 Inches	0 Feet	20 Feet
24 Inches	20 Feet	200 Feet
17.5 Inches	200 Feet	1405 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
26	136.17	0.3125	0	18
20	79.50	0.375	0	198.88
10.75	34.78	0.3125	+1	1404.42

Perforations:
Type perforation Louver
Size perforation 0.080"
From 802.49 feet to 140.042 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50'
Placement Method: ☐ Pumped ☒ Poured
Gravel Packed: ☒ Yes ☐ No
From 740 feet to 1405 feet

Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

9. WATER LEVEL
Static water level 432 feet below land surface
Artesian flow No 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 Marvin Sheen (CONTRACTOR)
Address PO 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 2258
Signed Marvin Sheen
By driller performing actual drilling on site or contractor
Date 05/26/2005

(Rev 12/01) USE ADDITIONAL SHEETS IF NECESSARY

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B.T.L