MCPZ-1

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

OFFICE USE ONLY
Log No. 121648
Permit No.
Basin 054

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

NOTICE OF INTENT NO. 65597

1. OWNER Cortez Gold Mines
MAILING ADDRESS HG-66 BOX 1250 Crescent Valley NV. 89821-1250
ADDRESS AT WELL LOCATION Mill Canyon Crescent Valley, NV. MCPZ-01
Subdivision Name: County: EUREKA

2. LOCATION SE¼ SW¼ Sec 28 T 27 N R 48 E
PERMIT/WAIVER No. M/D-1938
Issued by Water Resources Parcel No.
Latitude
Longitude
UTM E 536,642 ☒ NAD 27
N 4,447,003 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SEDS		0'	715	715
quartz monzonite		715	720	5
SEDS with localized Bleaching		720	741.5	21.5
SEDS with Bleaching		741.5	788	46.5
SEDS with Chlorite		788	796.5	8.5
ALTN. ? Soft quartz monzonite		796.5	2022	1225.5
Drilled 90' & cased & cemented 11 in.				
Drilled 90' to 2022' - Exploration Hole.				
Neat cement 2022' up to 759' - 132 Bags.				
Place 759' of 1.99 Steel Pipe - 100' of Perf.				
Gravel 759' to 657' 25 Bags				
3/8" PEL PLUG 657' to 643'				
BORE Grout 643' to 34' - 20 BAGS.				
NEAT Cement 34' to Surface plus 2' 7 BAGS.				
DEC. 16th → Jan. 5th Check Static 20 DAYS		478.8		

Date started: NOV. 5th, 20 14
Date completed: DEC. 16th, 20 14

7. Water Level
Static water level: 478.8 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
		8 HRS.
	very Little water	
	very slow Recharge	

9. WELL CONSTRUCTION
Depth Drilled 2022' Feet Depth Cased 759' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
5.6	Inches	0'	Feet	90'	Feet
4.95	Inches	90'	Feet	2022'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
1.99		SCH 80 Steel	759'	0 + 2'

Perforations:
Type of perforation Vert. SLOT
Size of perforation .020
From 759' feet to 659' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
BORE Grout
☒ Neat Cement 0 to 90' ☒ Pumped ☐ Poured
☒ Cement Grout 34' to 643' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 759' to 657' ☐ Pumped ☒ Poured
Type: ¼" washed
Bentonite Chips: ☒ Yes ☐ No 657' to 643' ☐ Pumped ☒ Poured
Type: 100 Lbs. PEL PLUG

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Ward Weaver
Contractor
Address American Drilling 19208 E. Broadway, Spokane Valley WA. 99016
Contractor
Nevada contractor's license number issued by the State Contractor's Board 73391
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1676
Signed Ward Weaver
By driller performing actual drilling on-site or contractor
Date 1-7-15

2015 JAN 7 PM 3:00 RECEIVED STATE ENGINEER'S OFFICE

(Rev. 06-06)
USE ADDITIONAL SHEETS IF NECESSARY

NAD 27
40.174494°N, 116.569649°W

(NSPO 3-08) (O) 627