Plugged by Well Log 110670

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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. 105748
Permit No.
Basin 154

NOTICE OF INTENT NO. 55183

1. OWNER Cortez Gold Mines
MAILING ADDRESS HC66 Box 1250
Crescent Valley NV. 89821
ADDRESS AT WELL LOCATION Cortez Hills

2. LOCATION NW ¼ SE ¼ Sec. 31 T. 26 N/S R. 47 E LANDER County
PERMIT NO. MS 1365 R491 (Issued by Water Resources) | Parcel No. | 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 |
|---|---|---|---|---|
| Gravel, Boulder | | 0 | 60 | 60 |
| Conglomerate | | 60 | 320 | 260 |
| Limestone | | 320 | 1320 | 1000 |
| Broken limestone fractures | X | 540 | 680 | 140 |
| | X | 1140 | 1260 | 120 |

40.164890°N NAD27 O.O.
116.603828°W

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Date started [redacted], 2005
Date completed [redacted], 2005

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 25-30 gpm | 87.11 | 92 130 9002 |

8. WELL CONSTRUCTION
Depth Drilled 1320 Feet Depth Cased 1320 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 18 | Inches | 0 | Feet | 60 | Feet |
| 9 1/2 | Inches | 60 | Feet | 1320 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 10 3/4 | 42 | 3/8 | 0 | 60 |
| 4 1/2 | 13.5 | | 60 | 1320 |

Perforations:
Type perforation ~~Louvered~~ slotted
Size perforation .020
From Blank Surface feet to 700 feet
From Screen 700 feet to 1300 feet
From Blank 1300 feet to 1320 feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 60
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 1320 feet to 500 feet

9. WATER LEVEL
Static water level 540 feet below land surface
Artesian flow — G.P.M. — P.S.I.
Water temperature 62.0 °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 Eklund Drilling Inc. (Contractor)
Address 605 Union Pacific Way (Contractor)
Elko NV 89803
Nevada contractor's license number issued by the State Contractor's Board 0030823
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1759
Signed Tom Kai (By driller performing actual drilling on site or contractor)
Date 6-9-05

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

PLO-I
MMH-F