Permit No. 81864

# THE STATE OF NEVADA

## PERMIT TO CHANGE THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

| | |
|---|---|
| **Name of Permittee:** | **COEUR-ROCHESTER, INC** |
| **Source:** | **UNDERGROUND** |
| **Basin:** | **BUENA VISTA VALLEY** |
| **Manner of Use:** | **MINING AND MILLING AND DOMESTIC** |
| **Period of Use:** | **JANUARY 1ST THROUGH DECEMBER 31ST** |
| **Priority Date:** | **01/29/1985** |

**********

**APPROVAL OF STATE ENGINEER**

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion of the waters of an underground source as heretofore granted under Permit 49612 is issued subject to the terms and conditions imposed in said Permit 49612 and with the understanding that no other rights on the source will be affected by the change proposed herein. This well shall be equipped with a two (2) inch opening for measuring depth to water and a totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of the water begins. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

The Permittee shall keep monthly records of the amount of water pumped from this well and the records must be submitted to the State Engineer on an annual basis within 30 days after the end of each calendar year.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of Permit 81864 expires Temporary Permit 81863T.

The total combined duty of water under Permits 48785, 49613, 49614, 58449, 58450, 61762 and 81864 shall not exceed 1927.27 acre-feet annually.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 2.67 cubic feet per second or 1927.27 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **October** 30 **2013**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **October** 30 **2017**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 30th day of **October, 2012**

J. K. P.E.

State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

Application No. 81864

# APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office MAY 0 8 2012

Returned to applicant for correction

Corrected application filed

Map filed MAY 8 2012 under 81863T

The applicant COEUR-ROCHESTER, INC

Box 1, 505 Front Avenue (Street Address or PO Box) of Coeur d'Alene (City or Town)

ID 83816 (State and ZIP Code) hereby make(s) application for permission to change the

☑ Point of diversion ☐ Place of use ☐ Manner of use ☐ of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

PERMIT No. 49612

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1. The source of water is UNDERGROUND
   Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 1927.2692 acre-feet per annum
   Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Mining, Milling and Domestic
   Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for Mining, Milling and Domestic
   If for stock, state number and kind of animals.

5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)

Within the SE 1/4 of the NW 1/4 of Section 22, T 28 N, R 34 E, MDB&M, or at a point from which the NW Corner of Section 10 of said Township bears N 08d03' W, a distance of 12517 feet, more or less. See supporting map filed with this Application for proposed Point of Diversion.

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)

Within the SE 1/4 NW 1/4 Section 22, T 28 N, R ~~35~~ 34 E, or at a point from which the South 1/4 Corner, Section 15, T 28 N, R 34 E, MDB&M bears N 14d10' E, a distance of 2207 feet; see supporting map previously filed under Permit No. 49612

129-75

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)
unchanged

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)
Sections 10, 15, 16, 21, and 22 of T 28 N, R 34 E, MDB&M: see supporting map filed previously under Permit No. 49612 for existing Place of Use.

9. Proposed use will be from January 1 (Month and Day) to December 31 (Month and Day) of each year.

10. Existing use permitted from January 1 (Month and Day) to December 31 (Month and Day) of each year.

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)
The proposed works will consist of a drilled and completed well of total cased depth 1530 feet, (see Notice of Intent No. 68657), and pump, motor and distribution system to place of use.

12. Estimated cost of works $750,000.00

13. Estimated time required to construct works Three years
If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use Five years

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)
Water will be used for mining, milling and domestic purposes within the Place of Use. The applicant intends to use the water for mineral exploration and processing, and to support a heap leach facility. Water from this well may be commingled with water from other Permits, subject to existing limits on combined duty and consumption.

16. Miscellaneous remarks:
n/a

nathan@robisoneng.com
E-mail Address
775-852-2251 -
Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Nathan Earl Robison, WRS as Agent
Type or print name clearly
Signature, applicant or agent
Robison Engineering Company, Inc
Company Name
12810 Fellowship Way
Street Address or PO Box
Reno, NV 89511
City, State, ZIP Code

RECEIVED
2012 MAY -8 AM 9:38
STATE ENGINEERS OFFICE

 $150 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

81863 T - 81864

OFFICE USE ONLY
Log No.
Permit No.
Basin

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 68657

1. OWNER Coeur Rochester PW-4A
MAILING ADDRESS P.O. Box 1057, Lovelock, NV 89419
ADDRESS AT WELL LOCATION Rochester Mine, Lovelock, NV

2. LOCATION SE ¼ NW ¼ Sec 22 T 28N N/S R 34 E
PERMIT/WAIVER No. 49612 *Issued by Water Resources* Parcel No.
Latitude
Longitude
Subdivision Name:
UTM E 402547 N 4459159 ☑ NAD 27 ☐ NAD 83/WGS 84
County: Pershing

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ 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 |
|---|---|---|---|---|
| Alluvium | | 0 | 55 | 55 |
| Rochester Rhyolite | | 55 | 1540 | 1485 |
| Highly oxidized to 800' | | | | |
| Drilled 6½" pilot hole to 1340' | | | | |
| air reverse | | | | |
| Mill slot casing = .365 wall | | | | |
| Louvered pipe = .3125 wall | | | | |
| 460.5' - 470.5' = 3/8" hole plug | | | | |
| 0'-410.5' = bentonite/cement mix | | | | |

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Date started 10-Mar , 20 12
Date completed 7-Apr , 20 12

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

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|---|
| Air Lift Reverse | 400 | 53.15 | 20 hrs |

8. WELL CONSTRUCTION
Depth Drilled 1540 Feet Depth Cased 1530 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 26 | Inches | 0 | Feet | 77.5 | Feet |
| 17.5 | Inches | 77.5 | Feet | 1540 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 20 | 78.60 | .375 | 0 | 77.5 |
| 10.75 | 40.48 | .365 | +2 | 504.33 |

Perforations:
Type of perforation Millslot / Louvered
Size of perforation .050 / .188
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 470.5
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☑ Yes ☐ No
From 470.5 feet to 1540 feet

9. WATER LEVEL
Static water level 476.4 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 Boart Longyear Drilling (Contractor)
Address 2745 W. California Ave. (Contractor)
Salt Lake City, UT 84104
Nevada contractor's license number issued by the *State Contractor's Board* 021976
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1733
Signed Scott King (By driller performing actual drilling on site or contractor)
Date 4/23/12

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY