# THE STATE OF NEVADA

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

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| **Name of Permittee:** | **CORTEZ JOINT VENTURE** |
| **Source:** | **UNDERGROUND (WELL DW-15)** |
| **Basin:** | **CRESCENT VALLEY** |
| **Manner of Use:** | **MINING, MILLING, DEWATERING, AND DOMESTIC** |
| **Period of Use:** | **JANUARY 1ST THROUGH DECEMBER 31ST** |
| **Priority Date:** | **06/26/1992** |

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**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 and place of use of the waters of an underground source as heretofore granted under Permit 80971, is issued subject to the terms and conditions imposed in said Permit 80971 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. 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 or before the proof of completion of work is filed. 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.

This permit will allow the permittee to dewater the Cortez Hills mine area. It is understood that any water obtained as a result of this dewatering operation shall be used first by the permittee for mining, milling, heap leaching, drilling, road watering, and other related mining and milling uses (hereinafter referred to as mining and milling).

The total combined consumptive use of water under Permit 24663, Certificate 7292; Permit 24664, Certificate 7293; Permit 46224, Certificate 12482; Permit 46225, Certificate 12483; Permits 58187-E, 58188-E, 58189-E, 58190-E, 58191-E, 58192-E, 58985-E, 59339, 59340, 64545, 75342, 77179, 82592, 85012, 85013 and 85014 in the Cortez Hills Project Area is limited to 1,517.6 acre-feet annually.

Any water produced from this dewatering operation in excess of 1,517.6 acre-feet annually shall be returned to the Crescent Valley Groundwater Basin by infiltration galleries or injection wells. The design of the rapid infiltration basins or injection wells and the delivery system to these sites shall be submitted to the State Engineer for approval.

In addition, the State Engineer acknowledges that a substitutive use of excess dewatering water for existing irrigation rights is prudent and is allowed for under Order No. 1189. The amount of water allowed for irrigation substitutive uses cannot exceed the duty of water allowed for irrigation on lands under the control of the permittee.

(Continued on Page 2)

The non-consumptive use of water for dewatering purposes from this permit and all other active permits within the Cortez Hills Project Area is limited to 20,812.76 acre-feet annually.

The operator shall keep monthly records of the following, but not limited to, and reported pursuant to Order No. 1189.

A. The total volume of water pumped from each diversion in acre-feet.

B. The maximum flow rate from each diversion in cubic feet per second.

C. The pumping water level from each well in feet above mean sea level.

D. The volume of water consumptively used for mining and milling in acre-feet.

E. The amount of water diverted to the infiltration or injection sites in acre-feet.

F. The amount of water diverted to other consumptive uses, if any, in acre-feet.

G. The amount of water lost through evaporation or other system losses project wide.

H. A map and a description of all wells or other water diversions within the project area.

Failure to comply with any provision of Order 1189 or any other terms of this permit will result in cancellation of the permit.

The issuance of Permits 85012, 85013 and 85014 reduce the combined duties for all mining related permits at the Cortez Pipeline Project by 7564.76 acre-feet annually.

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

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

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

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 4.449 cubic feet per second or 3220.94 acre-feet annually.**

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| Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: | **September 8 2017** |
| Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: | **September 8 2021** |
| 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 8th day of **September, 2016**

J. K. P.E.

State Engineer

Application No. 85012

# 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 MAR 27 2015

Returned to applicant for correction

Corrected application filed Map filed Feb 11 2015 under 84834T

The applicant Cortez Joint Venture

HC 66, Box 1250 of Crescent Valley

Street Address or PO Box City or Town

Nevada 89821-1250 hereby make(s) application for permission to change the

State and ZIP Code

☑ 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 80971

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1. The source of water is Underground - Well DW-15

Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 4.449 c.f.s., not to exceed 3,220.94 AFA

Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Mining, Milling, Dewatering 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, Dewatering 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 SW¼SW¼ Section 31, T. 27N., R. 48E., M.D.M., or at a point from which the NE Corner of Section 1, T. 26N., R. 47E., M.D.M bears South 34° 37' West, a distance of 1,600 feet. (Hills Well DW-15)
Refer to supporting map on file under Application 84834-T.

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

the SE¼NW¼ Section 8, T. 27N., R. 47E., M.D.M., or at a point from which the SW Corner of Section 17, T. 27N., R. 47E., M.D.M. bears South 13° 59' 15" West, a distance of 9,511 feet. (Pipeline Well DB-32)
Refer to supporting map on file under Application 80131

4-54
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7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

See Attached.

Refer to supporting map on file under Application 84834-T.

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.)

See Attached.

Refer to supporting map on file under Application 79543-T.

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.)

Existing wells, pumps, motors, meters, conveyance works and facilities.

12. Estimated cost of works in excess of $10,000,000

13. Estimated time required to construct works Existing 3,120' deep cased well - refer to Well Log 108764

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 10 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.)

This application is being filed to balance projected dewatering needs between the Cortez Pipeline and Cortez Hills mine areas. No additional consumptive water is being requested. Water under this Application is non-consumptive, and will be returned to the Crescent Valley Basin through infiltration basins.

16. Miscellaneous remarks:

Please send copies of all correspondence to Kimberly A. Wolf, Barrick Gold, 289 Spruce Dr., Elko NV 89801.

Bruce R. Scott

Type or print name clearly

Signature, applicant or agent

Resource Concepts, Inc.

Company Name

340 N. Minnesota Street

Street Address or PO Box

Carson City, Nevada 89703

City, State, ZIP Code

rciwater@rci-nv.com

E-mail Address

(775) 883-1600

Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT



$240 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

85012

*ATTACHMENT TO APPLICATIONS TO CHANGE*
*PERMITS 72668, 80971, and 80977*

**7. Proposed Place of Use:**

T.26N., R.47E., MDM: E½ Section 1 and the portion of Section 12 within Crescent Valley (Basin 054)

T.26N., R.48E., MDM: The portions of Sections 6 and 7 within Crescent Valley (Basin 054)

T.27N., R.46E., MDM: W½SE¼, E½SW¼ Section 13; SW¼SW¼ Section 23; NE¼, E½NW¼ Section 24; NW¼, W½NE¼ Section 26

T.27N., R.47E., MDM: All of Sections 4, 5, and 6; E½ Section 7, All of Sections 8 and 9; E½, SW¼ Section 18; N½, SW¼ Section 19; E½ Section 24; All of Section 25; SE¼ Section 30; All of Section 36

T.27N., R.48E., MDM: W½ Section 19; All of Sections 30 and 31

T.28N., R.47E., MDM: E½, SW¼ Section 13; SE¼SW¼ Section 15; SE¼NE¼, NE¼SE¼ Section 21; NW¼, NW¼SW¼ Section 22; E½ Section 27; NW¼, W½NE¼ Section 28; S½ Section 29; SE¼ Section 30; Lots 7, 8, 9, 10, and E½ Section 31; All of Section 32; SE¼ Section 34; W½, SE¼ Section 35

T.28N., R.48E., MDM: All of Sections 1, 3, 5, and 7; NE¼NE¼, S½S½ Section 8; All of Sections 9 and 11; S½SW¼, SW¼SE¼ Section 12; All of Section 13; N½, W½SE¼ , SW¼ Section 14, All of Section 15; W½NE¼, NW¼ Section 16; All of Section 17; N½N½, SE¼NE¼, E½SE¼ Section 18; N½NW¼ Section 23; NE¼NE¼ Section 24

T.28N., R.49E., MDM: All of Sections 3, 5, 7, 9 and 17; N½ Section 19;

T.29N., R.49E., MDM: All of Sections 25 and 35

T.29N., R.50E., MDM: All of Section 19

All within Crescent Valley (Basin 054)

Please refer to Sheet 1 of supporting map on file under Application 84834-T.

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*ATTACHMENT TO APPLICATION TO CHANGE PERMITS 80971 & 80977*

8. Existing Place of Use:

T.26N., R.47E., MDM: Portion E½ Sec. 1 and Portion E½ Sec. 12 within Crescent Valley (Basin 054)

T.26N., R.48E., MDM: Portion Sec. 6 and Portion Sec. 7 within Crescent Valley (Basin 054)

T.27N., R.46E., MDM: W½ SE¼, E½ SW¼ Sec. 13; SW¼ SW¼ Sec. 23; NE¼, E½ NW¼ Sec.24; NW¼, W½ NE¼ Sec. 26

T.27N., R.47E., MDM: All Sec. 4, 5, and 6; E½ Sec. 7, All Sec. 8 and 9; E½, SW¼ Sec. 18; N½, SW¼ Sec. 19; E ½ Sec. 24; All Sec. 25; SE ¼ Sec. 30; All Sec. 36

T.27N., R.48E., MDM: W½ Sec. 19, All Sec. 30 and 31

T.28N., R.47E., MDM: E½, SW¼ Sec. 13; SE¼ SW¼ Sec. 15; SE¼ NE¼, NE¼ SE¼ Sec. 21; NW¼, NW¼ SW¼ Sec. 22; E½ Sec. 27; NW¼, W½ NE¼ Sec. 28; S½ Sec. 29; SE¼ Sec. 30; Lots 7, 8, 9, 10, E½ Sec. 31; All Sec. 32; SE¼ Sec. 34; W½, SE¼ Sec. 35

T.28N., R.48E., MDM: All Sec. 1, 3, 5, and 7; NE¼ NE¼, S½ S½ Sec. 8; All Sec. 9, 11, and 13; N½, W½ SE¼ , SW¼ Sec. 14, All Sec. 15; W½ NE¼, NW¼ Sec. 16; All Sec. 17; N½ N½, SE¼ NE¼, E½ SE¼ Sec. 18; N½ NW¼ Sec. 23

T.28N., R.49E., MDM; All Sec. 3, 7, 9 and 17

As shown on supporting map filed under Application 79543T - sheet 1.

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