



## THE STATE OF NEVADA

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

**Name of Permittee:** CORTEZ JOINT VENTURE  
**Source:** UNDERGROUND (DW-21)  
**Basin:** CRESCENT VALLEY  
**Manner of Use:** MINING, MILLING, DEWATERING, AND DOMESTIC  
**Period of Use:** JANUARY 1ST THROUGH DECEMBER 31ST  
**Priority Date:** 02/04/1992

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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 80977, is issued subject to the terms and conditions imposed in said Permit 80977 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 2.0 cubic feet per second or 1447.94 acre-feet annually.**

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 8<sup>th</sup> day of **September, 2016**



\_\_\_\_\_  
State Engineer

**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 80977

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1. The source of water is Underground - Well DW-21  
Name of stream, lake, underground, spring or other sources.
2. The amount of water to be changed 2.0 c.f.s., not to exceed 1,447.94 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 NE¼SE¼ Section 36, T. 27N., R. 47E., M.D.M., or at a point from which the NE Corner of Section 1, T. 26N., R. 47E., M.D.M bears South 17° 30' East, a distance of 1,804 feet. (Hills Well DW-21)  
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 NW¼NW¼ Section 8, T. 27N., R. 47E., M.D.M., or at a point from which the SE Corner of Section 32, T. 28N., R. 47E., M.D.M. bears North 41° 26' East, a distance of 8,219 feet. (Pipeline Well DB-30)  
Refer to supporting map on file under Application 78085.

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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 to December 31 of each year.  
Month and Day Month and Day

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

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 3,000' deep cased well - refer to Well Log 118671  
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.

rciwater@rci-nv.com  
E-mail Address  
(775) 883-1600  
Phone No. Ext.

APPLICATION MUST BE SIGNED  
BY THE APPLICANT OR AGENT

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

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

**7. Proposed Place of Use:**

T.26N., R.47E., MDM: E $\frac{1}{2}$  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: W $\frac{1}{2}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$  Section 13; SW $\frac{1}{4}$ SW $\frac{1}{4}$  Section 23; NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$  Section 24; NW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$  Section 26

T.27N., R.47E., MDM: All of Sections 4, 5, and 6; E $\frac{1}{2}$  Section 7, All of Sections 8 and 9; E $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 18; N $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 19; E $\frac{1}{2}$  Section 24; All of Section 25; SE $\frac{1}{4}$  Section 30; All of Section 36

T.27N., R.48E., MDM: W $\frac{1}{2}$  Section 19; All of Sections 30 and 31

T.28N., R.47E., MDM: E $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 13; SE $\frac{1}{4}$ SW $\frac{1}{4}$  Section 15; SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 21; NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$  Section 22; E $\frac{1}{2}$  Section 27; NW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$  Section 28; S $\frac{1}{2}$  Section 29; SE $\frac{1}{4}$  Section 30; Lots 7, 8, 9, 10, and E $\frac{1}{2}$  Section 31; All of Section 32; SE $\frac{1}{4}$  Section 34; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 35

T.28N., R.48E., MDM: All of Sections 1, 3, 5, and 7; NE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ S $\frac{1}{2}$  Section 8; All of Sections 9 and 11; S $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$  Section 12; All of Section 13; N $\frac{1}{2}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 14, All of Section 15; W $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 16; All of Section 17; N $\frac{1}{2}$ N $\frac{1}{2}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$  Section 18; N $\frac{1}{2}$ NW $\frac{1}{4}$  Section 23; NE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 24

T.28N., R.49E., MDM: All of Sections 3, 5, 7, 9 and 17; N $\frac{1}{2}$  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 E $\frac{1}{2}$  Sec. 1 and Portion E $\frac{1}{2}$  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: W $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Sec. 13; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Sec. 23; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Sec.24; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Sec. 26

T.27N., R.47E., MDM: All Sec. 4, 5, and 6; E $\frac{1}{2}$  Sec. 7, All Sec. 8 and 9; E $\frac{1}{2}$ , SW $\frac{1}{4}$  Sec. 18; N $\frac{1}{2}$ , SW $\frac{1}{4}$  Sec. 19; E  $\frac{1}{2}$  Sec. 24; All Sec. 25; SE  $\frac{1}{4}$  Sec. 30; All Sec. 36

T.27N., R.48E., MDM: W $\frac{1}{2}$  Sec. 19, All Sec. 30 and 31

T.28N., R.47E., MDM: E $\frac{1}{2}$ , SW $\frac{1}{4}$  Sec. 13; SE $\frac{1}{4}$  SW $\frac{1}{4}$  Sec. 15; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 21; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Sec. 22; E $\frac{1}{2}$  Sec. 27; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Sec. 28; S $\frac{1}{2}$  Sec. 29; SE $\frac{1}{4}$  Sec. 30; Lots 7, 8, 9, 10, E $\frac{1}{2}$  Sec. 31; All Sec. 32; SE $\frac{1}{4}$  Sec. 34; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Sec. 35

T.28N., R.48E., MDM: All Sec. 1, 3, 5, and 7; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Sec. 8; All Sec. 9, 11, and 13; N $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Sec. 14, All Sec. 15; W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Sec. 16; All Sec. 17; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Sec. 18; N $\frac{1}{2}$  NW $\frac{1}{4}$  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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