APPLICATION FOR PERMIT

To Appropriately the Public Waters of the State of New Mexico
(The Filing Map Shall Accompany This Application)

1. Date of receipt of application: November 27, 1974

2. Name of Applicant: H. L. Hall and Kenneth A. Heron

3. Post Office Address: Chama
   County of: Rio Arriba
   State of: New Mexico

   (a) Date and place of organization of corporation:
   (b) The amount of capital stock, $:
   (c) The amount paid in, $:

4. Quantity of unappropriated water claimed to be required for intended use: 2,924.1 acre feet
   (Important—See Note on Back)
   (a) By Diversions: 2,924 acre ft, or and (b) By Storage:

5. Periods of annual use: 2,924 ac. ft per acre from April 1st to November 1st.
   (During Irrigation Season)
   (c) Additional Information:

6. Source of water-supply: (a) Name of source: Chama River and Little Chama River
   (b) Which is a tributary of: Rio Grande
   or is situated in Sec: T. R

7. Location of point of diversion or outlet from storage reservoir:
   North 49 degrees 33 minutes East, 9772.5 feet distant
   From the Northeast Corner of Section Thirty-One, Township
   One North, Range Three East, of Range Martin and Borders
   and in vicinity to the Subdivision—northeast of the Tierra Amarilla quarter-of-the Grant, Rio
   Arriba County, New Mexico.

8. To be used for: Irrigation and Domestic and Stock use, purposes

   IRIGATION AND DOMESTIC USE
   (a) Number of acres to be irrigated: 1,949 acres
   (b) In the following legal subdivision: Sections 1, 2, 11, 12, 13 and 14, Township
      1 South, Range 2 East; Sections 6, 7, 18 in Township 1 South
      Range 3 East and, Section 31, in Township 1 North, Range 3 East
      and Section 35 in Township 1 North, Range 2 East.

   (See exhibit "A" inserted herein for detailed list of lands
to be irrigated).

   A second point of diversion is located on the Little Chama River
   At a point from which the Northwest Corner of Section Thirty-one, Township 1 North, Range 3 East, bears North 82 degrees
   15 minutes West, 1005.00 feet.
MANUFACTURING, MINING AND POWER PURPOSES

(a) Quantity of water to be used: ______________________ ft. cu. ft.

(b) Power to be generated: ______________________ H. P.

(c) Conducted by: ______________________ (Conduit)

feet in length from a point which bears ______________________ degrees, minutes, seconds (Locate Point of Diversion or Intake)

to a point where water will be returned to stream unchanged in quantity whereon the

of Sec. ______________________ Township ______________________ Range ______________________ bears ______________________ degrees, minutes, seconds (Locate Point of Return)

9. Remarks ______________________

10. Estimated cost of work $ ______________________

11. Description of diversion works: Rock and brush dam to be placed each year as required.

CANAL, DITCH OR CONDUIT

(a) Size of header. Width: ______________________ ft.; Height: ______________________ ft. (b) Width of canal or ditch at bottom: ______________________ ft.; Width at water line: ______________________ ft.; Depth of water: ______________________ ft.; Grade of ditch: ______________________ ft. per mile; Free Board: ______________________ feet.

Size of conduit: ______________________ ft.; Average grade per 1000 ft. of conduit is ______________________ ft. per mile; Capacity: ______________________ c.f.s.; sec.; ft.; Length of main canal, ditch or conduit is ______________________ miles; and crosses the following sections:

1. Mined away land: ______________________ mile approximately

2. Sec. 30 and 31, T. 1 N., R. 3 E.; Sec. 6, T. 1 S., R. 3 E.; and Sec. 1 and 2, T. 1 S., R. 3 E.; Storage Works

(a) Maximum height of dam: ______________________ ft.; Length of dam on top: ______________________ ft.; Maximum width of dam on top: ______________________ ft.; Character and composition of dam:

Estimated cost of dam $ ______________________. Storage capacity in elevations of multiples of five feet is

REMARKS:

All of the lands described are in Martin and Borders' Subdivision, Tierra Amarilla Grant, Rio Arriba County, New Mexico.

12. Other reservoirs and canals, name or number, location, size and capacity of each as above.

13. The time required to begin construction (one year) 12 months. The time required to complete the work 60 months months. The time required to fully apply the water to a beneficial use on the irrigable land above described 60 months.


Chama, New Mexico

We H. L. Hall and Kenneth A. Heron do solemnly swear that the statements and answers to questions in this application are true to the best of my knowledge and belief.

NOTE: Claimant SHALL, before signing, be sure that the signature is filled out fully in accordance with the instructions on the back.

[Signature]

[Signature]

[Date]

[Notary Public]
APPROVAL OF STATE ENGINEER

The number of this permit is: 1974
Publication of Notice ordered: Dec. 8th, 1931
Recorded in Book: "K" Page: 1974
Name of Paper: La Voz del Rio Grande
Date of receipt of Notice of Intention: Nov. 22nd, 1931
Affidavit of Publication filed: Jan. 11th, 1932
Date of return for correction: Nov. 28th, 1931
Date of Approval by State Engineer: Feb. 27th, 1932
Date received corrected: Dec. 12th, 1931

APPROVAL

(a) For: 2,516 acre feet delivered on the land.
(b) For: 0.2 acre feet of storage.

REMARKS

This Application is approved—provided it is not exercised to the detriment of any others having prior, valid and existing rights to the use of said waters.

The construction of the within described works to be commenced not later than
February 25th, 1932

One-fifth of the work above specified to be completed on or before
February 27th, 1933

The whole or said work to be completed on or before
February 25th, 1934

The time for application to beneficial use shall not be later than
February 27th, 1935

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of New Mexico, and hereby approve the same, subject to the foregoing proviso and conditions:

Witness my hand this 27th day of February 19, 35

State Engineer.

STATE OF NEW MEXICO
Office of State Engineer

This is to certify that, after considering the merits of the application for an Extension of Time, filed in connection with the foregoing permit on the __________ day of __________ 19__.
I have issued the certificate for said extension this __________ day of __________ 19__ extending the dates as follows:
The construction work
One-fifth of the work
The whole of said work
Application to beneficial use not later than

Witness my hand, this __________ day of __________ 19__

State Engineer.

STATE OF NEW MEXICO
Office of State Engineer

This is to certify that, after considering the merits of the application for an Extension of Time, filed in connection with the foregoing permit on the __________ day of __________ 19__.
I have issued the certificate for said extension this __________ day of __________ 19__ extending the dates as follows:
The construction work
One-fifth of the work
The whole of said work
Application to beneficial use not later than

Witness my hand, this __________ day of __________ 19__

State Engineer.
Instructions and Explanations for Filling Out Formal Applications

READ CAREFULLY

This Blank To Be Made Out in Duplicate and Typewritten

NOTE: For irrigation purposes, give the proposed appropriation in acre feet to be delivered on the land. Over 3 acre feet per acre is considered excessive.

The State Agricultural College, State College, N. Mex., or the U. S. Reclamation Service, Washington, D. C., will give you valuable information as to the duty of water for different crops raised in western states by irrigation.

Sec. 1. Do not fill in section one. This blank is left for the State Engineer.

Sec. 2. Fill in the name of the applicant and address.

Sec. 3. If applicant is a corporation, company or firm fill out blanks under section three. Give date of filing certificate of incorporation with the Corporation Commission.

Sec. 4. Quantity of water claimed should be given in acre feet to be delivered on the land and beneficially used. An amount of water sufficient to cover the ground 2 to 3 feet deep is generally considered plenty if beneficially used. The amount of water to be used wholly or partly by direct diversion shall be noted in the blank space after (a): the amount of water to be used wholly or partly by means of storage shall be noted in the blank space after (b); also under (c) give any information necessary to properly state the claim to water or to define the use of the works.

Sec. 5. The period of annual use and the duty of water for each shall be noted. In case of irrigation projects when it is stated to use the total amount of water continuously, it will be necessary to determine the period of irrigation. The water will be put during the winter months.

Sec. 6. Each blank under this section shall be filled out.

Sec. 7. The point of diversion shall be indicated on the engineering plan or by a sub-division, whether on unmeasured land or sec. 15 or unmeasured lands, describe the location fully, and in addition plot out the section and township lines from the nearest accepted government survey, and give the quarter section, township and range in which the diversion is located. These should be properly marked on the map.

The point of diversion is a purely direct diversion proposition in which the water is taken directly out of the river, stream or water course, and is also the same as a storage proposition where the water is diverted from the stream to store it in an outside reservoir, but where the reservoir is formed by a storage dam across the water course where the point of diversion is at the outlet of said reservoir.

Sec. 8. State all purposes for which the water is to be used. If for irrigation, state under (a) the total number of acres to be irrigated, under (b) the location of land to be irrigated. If for milling or power purposes, fill out blank sections for that purpose by the appropriation in cubic feet per second. When same water is to be used for several purposes, fill out all blanks referring to the different purposes.

Sec. 9. Is for further description of the proposed works.

Sec. 10. Give estimated cost of total construction work.

Sec. 11. Describe works of diversion. Under storage, name will be filled in blank sections for each purpose. The estimated cost of each or dam to be figured as located on the plan and filled in. If there is more than one reservoir give this required data for reservoirs No. 2, etc., under Sec. 12.

Sec. 12. Is for other descriptions necessary to define the application.

Sec. 13. In your estimation give the time it will take to construct, complete and apply the water to a beneficial use after the application is approved.

Sec. 14. Is to give a reference of some back and merchant.

Claimant shall sign affidavit to above statements before a Notary or other proper official qualified to administer oaths. Be sure he is legally qualified to take oath.

If the application is to enlarge an existing proposition or to amend a permit, fill out this blank only to cover the enlarged or amended portion, then write under Sec. 12 the required data necessary to define the old works.

FEES—Should applicant ask in this blank for a greater amount of water either by storage or direct diversion than asked for in the inducements, the additional fees required shall accompany.
Section 12, Township 1 South, Range 2 East, BSE, 80 acres
irrigable

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Total number of acres to be irrigated, 1,909.00

All of the above lands are within the Martin and Borders' Subdivision, Tierra Amarilla Grant, Rio Arriba County, New Mexico. Attention is called to the fact that the township and range as stated are private and do not conform to New Mexico Meridian townships and ranges as contained in the U.S. Land Office survey descriptions.