

COLORADO GROUND WATER COMMISSION
1313 Sherman Street, Room 821, Denver, CO 80203
Phone 303-866-3581, www.water.state.co.us

Application must be complete where applicable. Type or print in **BLACK INK**. No overstrikes or erasures unless initialed.

PERMIT NO. _____

Part I - Basic Information and Well Data

Well Location: County: _____

_____ 1/4 of the _____ 1/4 of Sec. _____, Township _____ N / S, Range _____ E / W, 6th P. M.

Application is hereby made for the following change of water right: (Check one)

Increase in Permitted Irrigated Acres

Total number of acres to be irrigated is _____ acres, described as follows (also complete diagram on next page): _____

Change of Type of Use

List proposed new uses: _____

Change of Well Location (a move farther than allowed as a replacement well)

Proposed Well Location: _____ 1/4 of the _____ 1/4 of Section _____,

Township _____ N / S, Range _____ W, 6th P. M.

_____ feet from the N / S Section Line, _____ feet from the E / W Section Line (Optional: UTM coordinates (Datum must be in DAD83) may be given in place of distances from section lines)

Enclosed herewith is the nonrefundable application fee of \$100.00. Also enclosed is Part II (giving flow meter, power consumption, pump test, and crop data) and Part III (Applicant's Statement). I understand that this request will be published in the local newspaper(s) as may be required by law and I agree that I will pay the actual publication cost to the Commission when the same is billed to me.

I am the owner of the well. I have read the statements made herein and know the contents thereof, and state that they are true to my knowledge. Pursuant to Section 24-4-104(13)(a), C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a Class 1 misdemeanor.

Signed and dated this _____ day of _____, 20_____

Signature of Applicant: _____

Applicant's Name: *(Please Print)* _____

Address: _____

City, State & Zip: _____

Telephone No.: _____

FOR OFFICE USE ONLY					
Div. _____	Co. _____	WD _____	Basin _____	MD _____	Use _____
					Receipt No. _____

DIAGRAM OF PRESENTLY IRRIGATED ACRES AND WELL LOCATION

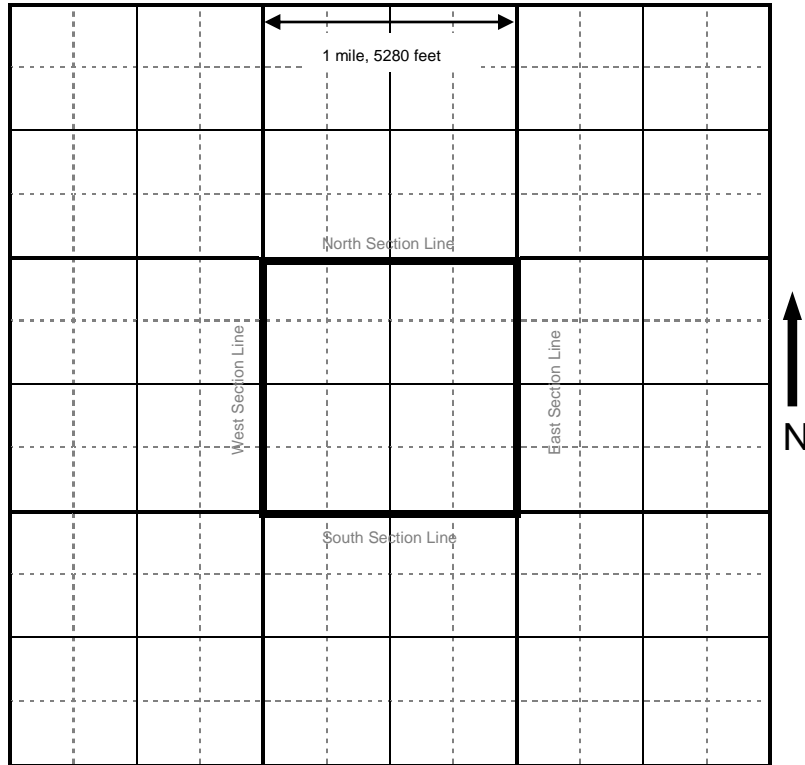
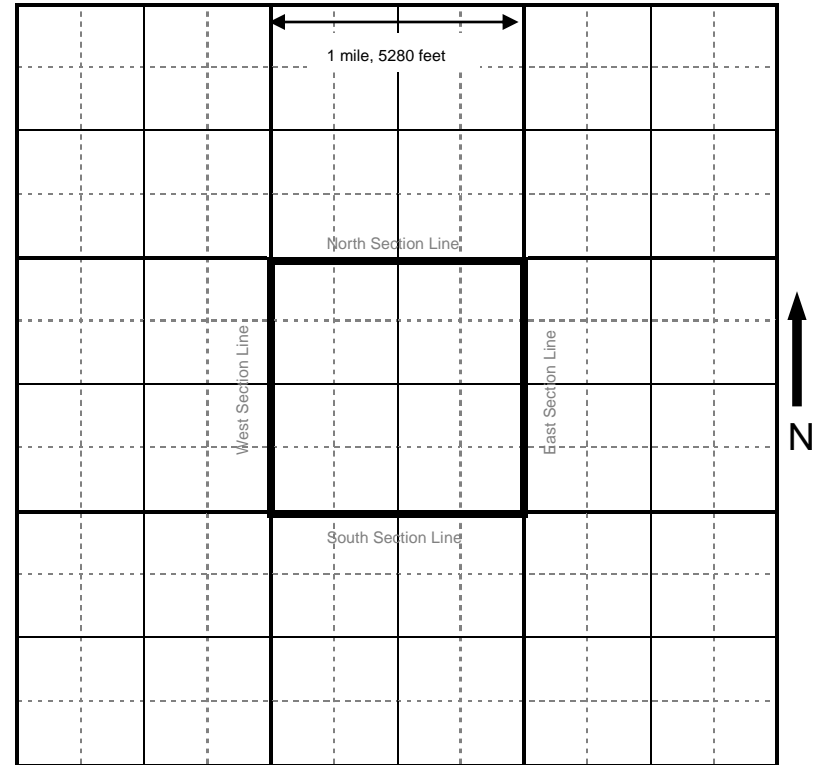


DIAGRAM OF PROPOSED IRRIGATED ACRES AND WELL LOCATION



Please locate the well in the middle section of each diagram. If a larger area is needed, you may submit sketches on separate sheets.

The scale of each diagram is 1 inch = 4000 feet.
Each small square represents 40 acres

TABLE B – POWER CONSUMPTION RECORDS

Complete this table for at least the ten most recent consecutive years. If flow meter records from a field verified/certified flow meter exist for all ten or more most recent consecutive years of record and are provided in Table A, power consumption records and a well test is not required.

Indicate any changes in irrigation method, changes in type of irrigation or other equipment including pumps and motors, and the year such changes occurred. Use a supplemental sheet if required.

IMPORTANT: Verification, such as billing statements or a signed document from the power company, must be provided to support the amounts given below.

<u>Year</u>	<u>Electric</u>		<u>Natural Gas</u>		<u>Diesel or Propane.</u>	
	<u>KWH</u>	<u>System H.P.*</u>	<u>Thousand Cu. Ft. (CMF)</u>	<u>Motor H.P.</u>	<u>Indicate which type of fuel is used each year</u>	<u>Motor H.P.</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

* Total operating horsepower of the pump motor and any other electrical devices (sprinkler motors, booster pumps, etc.) supplied by the electrical meter. If electrical devices other than the pump motor are supplied, identify the other devices.

In addition to the above power records, a recent pump test that can be used to determine historical withdrawals of the well from the above data based on a Power Consumption Coefficient must be provided, as described on the following page.

TABLE B – WELL PUMP TEST FOR POWER CONSUMPTION COEFFICIENT RATING

This test is used to determine the power consumption coefficient of the well and so determine the historical withdrawals from the well using the power consumption data.

The test must be conducted and reported on Form 3.2 (Notice of Power Consumption Coefficient Rating or Re-Rating, available on line at www.water.state.co.us), unless an acceptable test conducted prior to the creation of that form was conducted and reported on a form acceptable to the Commission that contain the data required for the analysis.

The test should be conducted in the later part of the irrigation season, during August through October, when the ground water table is typically lower, or a small reduction factor will be applied to the amounts of water estimated to have been pumped. Additional tests may be submitted at the applicant's option. The test must be conducted with the system under full operating conditions. If the well supplies a sprinkler, the sprinkler must be connected and operating. Such a test must be conducted by a certified well tester as determined by the State of Colorado. A list of certified well testers is available on line at www.water.state.co.us. The requirement for the test may be waived where other supportive data on yield, water level, sprinkler operating pressures, and efficiency justify.

IMPORTANT: The test as described in Form 3.2 allows for the option of either measuring the pumping level below the centerline of the discharge or measuring the discharge rate for purposes of determining that the well system has stabilized. For purposes of this application, in order to assist in determining the effect of changes in water level in the aquifer on historical diversions:

- 1) The pumping level in the well below the centerline of the discharge during the test must be measured and reported, and
- 2) The total dynamic head of the pumping system during the test must be determined and reported.

NOTE: FOR PUMPS POWERED BY SOURCES OTHER THAN ELECTRICITY

A test sufficient to compute a power consumption coefficient must be performed on the well by a certified well tester as determined by the State of Colorado. The test shall be reported on Form 3.2, identifying the type of fuel used and a determination of the rate of fuel use instead of a determination of the rate of electrical power demand.

TABLE C – HISTORIC CROP PRACTICE

Complete this table for at least the ten most recent consecutive years.

List all crops grown each year, the acres of each crop and the method of irrigation (e.g.: flood or furrow application, standard sprinkler, drop nozzle sprinkler, LEPA sprinkler). Use additional sheets if necessary. Where the record is dependent upon the testimony of neighbors or former owners or operators, affidavits must be attached.

IMPORTANT: Farm Service Agency (FSA) crop acreage reports (Form OMB No. 0560) and accompanying aerial photos must be provided for all years available to support the amounts given below.

<u>Year</u>	<u>Crop A</u>			<u>Crop B</u>			<u>Crop C</u>		
	<u>Crop</u>	<u>Acres</u>	<u>Irrig. Method</u>	<u>Crop</u>	<u>Acres</u>	<u>Irrig. Method</u>	<u>Crop</u>	<u>Acres</u>	<u>Irrig. Method</u>
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

(USE THE FOLLOWING PAGE IF MORE THAN 3 CROPS WERE IRRIGATED)

I recognize that the aquifer is overappropriated at this location, and/or that the change of water right requested requires future use to be limited to permitted historical use, and/or that the change of water right may result in limitation of the use of the right(s), and that in order to allow this change of water right for the well(s) with Permit No(s). _____

without material injury to the rights of other appropriators, the future withdrawals from the well(s) may be limited to prevent an increase over the historic depletions to the aquifer and/or to prevent material injury to the vested rights of others. I am willing to comply with the following conditions to provide for the proper administration of the requested change, if approved.

1. The terms of the Ground Water Commission's ("Commission") change of water right approval shall be considered as controlling the use of the well(s) on the land described in the approval, modifiable in the future only by the Commission. A certified copy of the approval shall be recorded in the public records of the county clerk on the land described in the approval. Any modifications shall likewise be recorded.
2. Prior to implementation of the requested change of water right, the applicant agrees to install, maintain, and operate a totalizing flow meter or other Commission approved measuring device in accordance with Commission Policy Memorandum 95-3, or if within the Republican River Basin in accordance with the "Rules and Regulations Governing the Measurement of Ground Water Diversions Located in the Republican River Basin Within Water Division No. 1." Such installation, maintenance, and operation includes:
 - a. Installation, maintenance, and operation according to the manufacturer's specifications.
 - b. Field certification or verification to be in accurate operating condition when installed and at intervals specified in the relevant Policy or Rule (currently every 4 years for flow meter, or every 2 or 4 years for other devices) by a certified well tester as determined by the State of Colorado.
 - c. Certification or verification of all meters and devices must be reported on forms acceptable to the Commission. Forms currently approved for reporting totalizing flow meter installation are **3.1 Notice of Totalizing Flow Meter Re-Verification, Installation or Replacement**, and for other devices **3.2 Notice of Power Consumption Coefficient Rating or Re-Rating**. A totalizing flow meter may be required if the well is part of a Complex or Compound system, if the pump is not powered by electricity, or if the well produces from a confined aquifer.
 - d. Reporting of diversions as required by the administrative conditions stated herein and as may be required in the approval of the change of water right.
3. Prior to implementation of the change of water right, the applicant agrees to enter into a contract with the local Ground Water Management District ("District"), the Commission, or a person or entity acceptable to the Commission for purposes of administration of the change of water right. The contracted services required under this administration shall include:
 - a. Site inspections covering the peak water use period during the calendar year, and for irrigation wells readings prior to and after the irrigation season per form **DBB-004**. Each inspection will include the readings of water and power measuring devices and a description of use of water from the subject well(s). Any perceived violation of the permit conditions shall also be reported.
 - b. The applicant (or the contracted entity) shall report to the Commission and District all readings of the measuring device(s), whether water pumped, kilowatt-hours of electricity, thousand cubic feet of gas, or quantity of other fuel used, by February 15 of each year for the prior calendar year, or by December 1 of the current calendar year if within the Republican River Basin.
 - c. All meter readings must be reported on forms acceptable to the Commission. Forms currently approved for reporting meter readings are **DBB-004 Administrative Reporting-Meter Readings** (note that the **6.1 Annual Water Use Reporting Form** is also to be submitted if within the Republican River Basin).

4. No water shall be withdrawn from any well that is not in compliance with the applicable measurement Policy or Rule, except to field certify or verify the accuracy of a totalizing flow meter or certify a Power Consumption Coefficient (PCC) rating.
5. The Applicant is required to observe the meter and monitor diversions from the wells, and shall be responsible to turn off the pump(s) once the withdrawal limit(s) for that year is(are) reached.
6. The applicant hereby authorizes _____ (name of electric or natural gas company or fuel supplier) to release to authorized Commission or District personnel all power use data within its records regarding this well(s), upon request.
7. The applicant hereby agrees to allow access to lands and wells described in the approval at reasonable times to authorized representatives of the Commission or District for inspection and other necessary visits to administer this application. The measuring devices must be accessible for examination and reading by the authorized persons.
8. The applicant hereby authorizes the Farm Service Agency to release to authorized Commission or District personnel all its records regarding lands irrigated from this well(s), upon request.
9. The applicant hereby agrees to such additional terms and conditions that are deemed appropriate to prevent an increase over the historic depletions to the aquifer and/or to prevent material injury to the vested rights of others as may be contained in the approval of the change of water right.
10. The applicant acknowledges that pursuant to C.R.S. 37-90-111.5(5) and (6) the applicant is subject to sums currently not to exceed five hundred dollars (\$500) for each violation or each day such violation occurs, court costs, and reasonable attorney fees incurred by the Commission and/or District in any court or administrative action, for the following:
 - a. Violation of any provision of this Applicant's Statement or any conditions of the change of water right approval.
 - b. Failure to submit data, falsifying or making a fictitious report of the amount of designated ground water pumped from a well, making a false or fictitious report of a power coefficient for a well, or falsifying any power coefficient test.
 - c. Willfully interfering with or damaging a totalizing flow meter, power meter, or other devices used to measure designated ground water diversions or tampering with or falsifying any record made or being made by any such totalizing flow meter, power meter, or other devices.
 - d. Furthermore, if such ground water violation results in the violation of compliance with an interstate compact, the violator is subject to liability for all direct, actual, and necessary expenses incurred by the State of Colorado in performing any action, including the purchase of water or payment of damages necessary for the State of Colorado to remedy the violation of such compact.

Signed and dated this _____ day of _____, 20_____

Signature of Applicant: _____

Applicant’s Name: *(Please Print)* _____