

MEMORANDUM

TO: Transfer No. 75497 File

FROM: Angela Grimm

DATE: December 14, 2009

RE: Evaluation of Sufficiency of Information Submitted

The transfer proposes to add a point of diversion, eliminate an existing point of diversion, and correct the domestic P/U of right 63-11308.

The P/U is generally located northwest of S. Montana Ave and Karcher Rd intersection approximately 1¼ mile northeast of Lake Lowell and 3 miles south of Caldwell.

Contact person for the applicant is Lori Graves, SPF Water Engineering.

Summary of Information Submitted

Authority to File: The right is in the transfer applicant's name. The applicant has authority to change the right.

Water Right Validity: The right is presumed to be valid. SRBA is not applicable to this right developed after 1987. Recent beneficial use confirmed via 2004 and 2006 Aerial photography and applicant remarks.

Injury to Other Water Rights: No injury should occur provided use of the proposed P/D does not interfere with nearby existing wells. As a ground water right, use of the proposed and current P/D is subject to reasonable pumping level provisions of I. C. § 42-226. According to well log data, the proposed P/D is within ½ a mile of and completed in the same aquifer and production zone as the current P/D. The nearest spring currently being used as a P/D for an existing right is over 2 miles away. The production zone for the current P/D and proposed P/D is over 90 ft deep. Withdrawal for the wells is unlikely to impact the spring. It is unlikely the P/D changes proposed will significantly impact the ground water supply for other water rights in this area.

Enlargement of Use: The applicant does not propose to enlarge the use. The transfer will not result in an increase in diversion rate, annual diversion volume, or number of acres irrigated. The water right proposed for transfer is a primary irrigation right and will remain such.

Local Public Interest: Allowing the applicant to update the right to include a different P/D within ½ a mile from the currently recorded ground water P/D and correct the domestic P/U currently recorded serves the local public interest.

Beneficial Use/Conservation of Water Resources: The application proposes beneficial use(s) consistent with conservation of water resources in Idaho.

Review of the application finds there is no clear inconsistency with criteria of I. C. § 42-222 preventing processing of the application.

Discussion

Data entry for the transfer will affect the water right record for right 63-11308. The right was established in 1990 and licensed in 1994; therefore it is not subject to the SRBA.

The P/D of right 63-3207 authorizes diversion from the same well in the SE SW Sec 10, T3N, R3W (SESW) as right 63-11308. However, right 63-3207 has a different domestic P/U than the right proposed for transfer. The P/D of right 63-3097 is the well proposed to be dropped as a P/D from right 63-11308 in this transfer application. The P/D for right 63-7207 is a different well in the SW SW Sec 10, T3N, R3W (SWSW) than the P/D proposed to be added to right 63-11308 per consultant remarks during a phone conversation on November 27, 2009. The transfer will not affect the P/Ds for these overlapping rights. There are no applicable P/U overlapping rights. No other rights need to be involved in this transfer.

Attached are the two wells logs for the P/Ds of this right, should the transfer be approved. The wells are known as Gem State Academy Well #1 (SWSW) and Well #5 (SESW) per Idaho Department of Environmental Quality (IDEQ) Source Water Assessment report for Gem State Academy's public water supply system.

Summary

Assuming protests are not filed and/or other information does not contradict the above analysis, the application can be approved as reflected by the draft approval.

Condition 046 n/a since a new well(s) is not proposed.

*GEM STATE ACADEMY Well #5

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer
within 30 days after completion or abandonment of the well.

RECEIVED
MAR 30 1970
Department of Reclamation

1. WELL OWNER

Name GEM STATE ACADEMY

Address RT. 4, CALDWELL, IDAHO

Owner's Permit No. _____

7. WATER LEVEL

Static water level 120 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning) _____

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 18 inches Total depth 230 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>1.88</u> inches	<u>8</u> inches	<u>0</u> feet	<u>230</u> feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☒ Yes ☐ No

How perforated? ☒ Factory ☐ Knife ☐ Torch

Size of perforation 1/8" inches by 3 inches

Number	From	To
<u>610</u> perforations	<u>190</u> feet	<u>230</u> feet

Well screen installed? ☐ Yes ☐ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☒ Yes ☐ No Size of gravel 3/8"

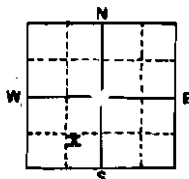
Placed from 90 feet to 230 feet

Surface seal? ☒ Yes ☐ No To what depth 90 feet

Material used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Canyon

SE 1/4 SW 1/4 Sec. 10, T. 3 N., R. 3 E., W.

10.

Work started April 15, 1961 finished May 8, 1961

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

B. & M. EQUIPMENT CO. INC.

Driller's or Firm's Name

Number

919 Arthur St., Caldwell, Idaho

Address

Sam J. Hagenson March 27, 1970
Signed By Date

USE ADDITIONAL SHEETS IF NECESSARY

*ANGIE GRIMM PER IDEO SOURCE WATER ASSESSMENT REPORT 12/14/09.