



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

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C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

01/27/2014

ED SQUIRES
HYDRO LOGIC INC
1002 W FRANKLIN ST
BOISE ID 83702

RE: Water Right Permit No. 63-31630, Well #25

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permit referenced above prior to issuing a water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit. In reviewing the Beneficial Use Field Report, received on May 1, 2013, it appears that construction of well #25 is inconsistent with some of the permit conditions which arose from an agreement between the City of Meridian and the USBOR to resolve a protest associated with this permit. The following concerns have been identified for well #25:

- The well does not conform with condition 9 on the permit which states "The right holder shall extend unperforated surface casing from land surface to a confining layer directly overlying the top of the aquifer open to the wells." The well screened interval begins at 183 feet, in a sand and gravel sequence that extends from 105 to 194 feet.
- The well is inconsistent with condition 10 on the permit, as the casing extends to a depth of 195 feet, not the minimum of 200 feet stipulated in the condition.
- The well is inconsistent with condition 12 on the permit, as the screened interval is from 183 – 334 feet, above the specified "water bearing zone to be appropriated, which is 300 to 900 feet" (condition 12). The upper portion of the screen set at 183 feet is in a sand and gravel sequence that extends up to 104 feet below land surface. Therefore, by placing the screen within this water bearing zone, the well is capable of withdrawing water from the upper 105-194 foot water bearing zone.
- Although the well was constructed with the screened interval as shallow as 183 feet below land surface, the diagram included in the water right file indicates that the well was drilled to over 700', with adequate producing water bearing zones below 500 feet, that if completed within this zone, would have satisfied the agreement with BOR and the conditions included on the permit. It does not appear that the shallow completion selected for the final construction of the well was the only option available, based on the well schematic included in water right file.

IDAPA 37.03.02.035(c) states:

If the Director determines that a field report prepared by a certified water right examiner is acceptable but that additional information is needed to clarify the field report, he will notify the examiner in writing of the information required. If the additional information is not submitted within thirty (30) days or within the time specified in the written notice, the priority date of the permit will be

advanced one (1) day for each day the information submittal is late. Failure to submit the required information within one (1) year of the date of the department's request is cause for the Director to take action to cancel the permit.

If you disagree with the above finding, please provide additional information as to why the Department should include well #25 as an authorized point of diversion (POD) on the license, addressing each of the issues listed above.

Another option would be to not include well #25, as a POD on water right 63-31630, and only include well #28 as the authorized POD.

If you have any questions, please call me at (208)287-4920.

Sincerely,

A handwritten signature in black ink that reads "Sandy Hemenway". The signature is written in a cursive, flowing style.

Sandy Hemenway
Sr. Water Resource Agent

Enclosure(s)