

REPORT OF EXAMINATION
PROOF OF APPROPRIATION OF WATER

- Surface Water
 Ground Water

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
August 24, 1987	G3-28387	G3-28387P	

NAME
Arthur N. Quist

ADDRESS (STREET) (CITY) (STATE) (ZIP CODE)
814 West Austin Road, Spokane, WA 99208

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
a well

TRIBUTARY OF (IF SURFACE WATER)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR

QUANTITY, TYPE OF USE, PERIOD OF USE

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL

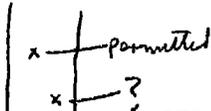
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.), W.M.	W.R.I.A.	COUNTY
	30	27	43 E.	55	Spokane

LOT	BLOCK	RECORDED PLATTED PROPERTY OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

6-5-97-Jml.

2 wells on property - 2nd unpermitted well 100' from main road ~~road~~ 50' ^{1/2} of E property boundary



* Check for Well Logs

5 ~~AE~~ AE in long lease - no stock - Jml. ~~AE~~

rest of property in England Hwy

@ Quist called 5/6/97 and stated he had 5 ac max. 1/2 ac stated during field exam - I thought it looked longer than 1/2 acre
Jml
Issue for 5 ac

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

REPORT OF EXAMINATION
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

- Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)
- Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE August 24, 1987	APPLICATION NUMBER G3-28387	PERMIT NUMBER	CERTIFICATE NUMBER
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NAME ARTHUR AND VIOLA OQUIST			
ADDRESS (STREET) Route 5, Box 506	(CITY) Spokane	(STATE) Washington	(ZIP CODE) 99208

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
a well

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 20	MAXIMUM ACRE-FEET PER YEAR 18
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QUANTITY, TYPE OF USE, PERIOD OF USE
16 acre feet per year, from April 1 to October 1, each year, for the irrigation of 5 acres; 2 acre feet per year, continuously, for group domestic supply of 2 units and stockwater.

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION/WITHDRAWAL
400 feet north and 550 feet west from the S $\frac{1}{4}$ corner of Sec. 30

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$	SECTION 30	TOWNSHIP N. 27	RANGE, (E. OR W.) W.M. 43 E	W.P.L.A. 55	COUNTY Spokane
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RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
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LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

The E $\frac{1}{2}$ E $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 30, T. 27 N., R. 43 E.W.M. in Spokane County, Washington. Except the east 340 feet and except Day Road No. 369.

DESCRIPTION OF PROPOSED WORKS

6" x 220' well, 1½ H.P. Dempster submersible pump, sprinkler and distribution system.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:	COMPLETE PROJECT BY THIS DATE:	WATER PUT TO FULL USE BY THIS DATE:
Started	August 1, 1992	August 1, 1993

REPORT

BACKGROUND

An application to appropriate public ground water was submitted by Arthur N. and Viola G. Oquist to the Department of Ecology on August 24, 1987. The application was accepted and assigned Ground Water Application No. G3-28387. The applicant proposes to withdraw water from a well in the amount of 20 gallons per minute for group domestic and stockwater supply and the irrigation of 5 acres. The proposed point of withdrawal is to be located in the SE¼SW¼ of Sec. 30, T. 27 N., R. 43 E.W.M.

A notice of application was duly published in accordance with RCW 90.03.280; no protests or objections were received.

This application is categorically exempt from the provisions of the State Environmental Policy Act (SEPA) of 1971, Chapter 43.21C RCW. A permit issued under this application would be classified as a Family Farm Permit under the Family Farm Water Act of 1977, Chapter 90.66 RCW.

INVESTIGATION

A field examination of this project was conducted by Ronald J. Raby on March 5, 1991. This project is located approximately 3½ miles southwest of Colbert, Washington. The place of use is an acreage parcel, the south portion being level and the northern portion being steep in topography.

It was noted that this project has been started. The applicants have a drilled well 6" x 220' presently used for domestic and stockwater purposes, utilizing a 1½ H.P. Dempster submersible pump. They propose to develop approximately 5 acres of alfalfa utilizing handline sprinklers. In addition, another domestic unit may be built as some future date.

Records indicate ten (10) domestic wells within ½ mile radius from the applicant's point of withdrawal. These wells range in depth from 106 to 605 feet, static water levels from 0 to 149 feet, produce from 0 to 35 gallons per minute. All initially penetrate sands, some also penetrate gravels and clays, and six (6) eventually end in granitic formations.

Records indicate Surface Water Certificate No. S3-23447C is appurtenant to this property. This certificate is for 0.02 cubic feet per second, 2 acre feet per year for group domestic supply and stockwater.

Washington State University Agriculture Department Circular No. 512 is used as a guide for determining seasonal amounts of irrigation water needed by geographic location. These amounts are calculated on a 70% system efficiency from the two year frequency table and for maximum irrigation water requirement. Based upon data in this circular a maximum water duty for this area is 47.1 inches per acre for an annual allotment of 19.6 acre feet for 5 acres. At the requested rate, the applicant can only pump 16 acre feet per year during the irrigation season; 2 acre feet per year is sufficient for two (2) domestic units and stockwater.

CONCLUSIONS AND RECOMMENDATIONS

It is the conclusion of this examiner that: public ground water is available for appropriation for a beneficial use; that group domestic supply, stockwater and the irrigation of 5 acres are beneficial uses; that the appropriation of such water will not impair existing rights or be detrimental to the public welfare.

It is recommended that this application for a public ground water permit be approved in the amount of 20 gallons per minute, 18 acre feet per year, for continuous group domestic supply and stockwater and the seasonal irrigation of 5 acres, subject to the following provisions:

"Total combined quantities for this permit and S3-23447C shall not exceed 20 gallons per minute, 18 acre feet per year."

"At such time that the Department of Ecology determines that regulation and management of the subject waters is necessary and in the public interest, an approved measuring device shall be installed and maintained in accordance with RCW 90.03.360 or WAC 508-64-020 through WAC 508-64-040."

Report Continued

"The amount of water granted is a maximum limit that shall not be exceeded and the water user shall be entitled only to that amount of water within the specified limit that is beneficially used and required for the actual crop grown on the number of acres and the place of use specified."

"This authorization to make use of public waters of the state is subject to existing rights, including any existing rights held by the United States for the benefit of Indians under treaty or otherwise."

"A certificate of water right will not be issued until a final examination is made."

"The water quantities and uses recommended and/or the number of acres to be irrigated may be reduced at the time of issuance of a final water right commensurate with the capacity of the installed system and the uses and/or the number of acres actually irrigated."

"Nothing in this authorization shall be construed as satisfying other applicable federal, state, or local statutes, ordinances, or regulations."

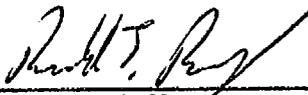
"Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An airline and gage may be installed in addition to the access port."

"All water wells constructed within the state shall meet the minimum standards for construction and maintenance as provided under RCW 18.104 (Washington Water Well Construction Act of 1971) and Chapter 173-160 WAC (Minimum Standards for Construction and Maintenance of Water Wells)."

"A well log of the completed well shall be submitted by the driller to the Department of Ecology within thirty (30) days of completion of this well. This well log shall be complete and all information concerning the static water level in the completed well in addition to any pump test data shall be submitted as it is obtained."

"That portion of this authorization relating to irrigation is classified as a Family Farm Permit in accordance with Chapter 90.66 RCW (Initiative Measure No. 59). This means the land being irrigated under this authorization shall comply with the following definition: Family Farm - a geographic area including not more than 2,000 acres of irrigated agricultural lands, whether contiguous or noncontiguous, the controlling interest in which is held by a person having a controlling interest in no more than 2,000 acres of irrigated agricultural lands in the State of Washington which are irrigated under water rights acquired after December 8, 1977. Furthermore, the land being irrigated under this authorization must continue to conform to the definition of a family farm."

Signed at Spokane, Washington
this 31st day of July, 1991



RONALD J. RABY
Water Resources Program
Department of Ecology