

**APPLICATION FOR PERMIT
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON**

DEC 22 1993

SURFACE WATER GROUND WATER

\$10.00 MINIMUM STATUTORY EXAMINATION FEE REQUIRED WITH APPLICATION

(GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NO. 431882	W.R.J.A. AA	COUNTY Douglas	PRIORITY DATE 12/22/93	TIME	ACCEPTED <i>mja</i>
APPLICANT'S NAME — PLEASE PRINT Patrick L. Knowles and Susan K. Knowles				Bus. Tel. N/A	Home Tel. 509-784-2952
ADDRESS (STREET) PO Box 76 --- 285 Lakefront Drive				(CITY) Orondo	(STATE) WA
DATE & PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION N/A				(ZIP CODE) 98843	

1. SOURCE OF SUPPLY

IF SURFACE WATER	IF GROUND WATER
SOURCE (NAME OF STREAM, LAKE, SPRING, ETC.) (IF UNNAMED, SO STATE) N/A	SOURCE (WELL, TUNNEL, INFILTRATION TRENCH, ETC.) A well.
TRIBUTARY	SIZE AND DEPTH 6" x 498' deep.

2. USE

USE TO WHICH WATER IS TO BE APPLIED (DOMESTIC SUPPLY, IRRIGATION, MINING, MANUFACTURING, ETC.)
Multiple domestic supply, irrigation, heat & frost control.

ENTER QUANTITY OF WATER REQUESTED USING UNITS OF: N/A CUBIC FEET PER SECOND (CFS) OR 30 GALLONS PER MINUTE (GPM)	ACRE FEET PER YEAR
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Continuous ground domestic supply, irrigation during irrigation season.

TIMES DURING YEAR WATER WILL BE REQUIRED
Continuous. FOR DOMESTIC frost protection, heat control

FOR IRRIGATION + HEAT AND FROST CONTROL DURING SEASON.

IF IRRIGATION, NUMBER OF ACRES 7 1/2 Acres	IF DOMESTIC USE, NUMBER OF UNITS BY TYPE. E.G. 1-HOME, 1-MOBILE HOME, 2-CAMPSITES, ETC. Four homes	IF MUNICIPAL USE, ESTIMATED POPULATION 20 YEARS FROM TODAY N/A
DATE PROJECT WAS OR WILL BE STARTED When permit issues.	DATE PROJECT WAS OR WILL BE COMPLETED 5 years after permit issues.	

3. LOCATION OF POINT OF DIVERSION/WITHDRAWAL

3A. IF IN PLATTED PROPERTY

LOT 1	BLOCK N/A	OF (GIVE NAME OF PLAT OR ADDITION) Chelan PUD #1 Short Flat D-101	SECTION 16	TOWNSHIP 26N	RANGE 21E	ALSO, PLEASE ENCLOSE A COPY OF THE PLAT AND MARK THE POINT(S) OF WITHDRAWAL OR DIVERSION Douglas County.
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3B. IF NOT IN PLATTED PROPERTY **N/A**

ON ACCOMPANYING SECTION MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION. SHOW NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER OR PROPERTY CORNER

ALSO, ENTER BELOW THE DISTANCES FROM THE NEAREST SECTION OR PROPERTY CORNER TO THE DIVERSION OR WITHDRAWAL.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	COUNTY
(SE 1/4 SE 1/4 of Section 16 T. 26 N., R. 21 E W.M., Douglas County)				

4. DO YOU OWN THE LAND ON WHICH THIS SOURCE IS LOCATED. IF NOT, INSERT NAME & ADDRESS OF OWNER

Yes.

5. LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

ATTACH A COPY OF THE LEGAL DESCRIPTION OF THE PROPERTY (ON WHICH THE WATER WILL BE USED) TAKEN FROM A REAL ESTATE CONTRACT, PROPERTY DEED OR TITLE INSURANCE POLICY. OR, COPY CAREFULLY IN THE SPACE BELOW.

Portion of Lot 1, Chelan County Public Utility District No. 1 Short Subdivision D-101, Douglas County, Washington, according to the plat thereof recorded in Volume G of Plats, Page 39, described as follows: The West half of the Southeast quarter of the Southeast quarter of Section 16, Township 26 North, Range 21, E.W.M., Douglas County, Washington, lying Southeasterly of the right of way of Skeels Road extension as deeded to Douglas County by instrument recorded June 22, 1981, under Auditor's No. 211197.

**CK # 6890
\$110.00
12-22-93**

WHAT IS YOUR INTEREST IN THE PROPERTY ON WHICH THE WATER IS TO BE USED (PROPERTY OWNER, LESSEE, CONTRACT PURCHASER, ETC.)

Property owner
ARE THERE ANY EXISTING WATER RIGHTS RELATED TO THE LAND ON WHICH THE WATER IS TO BE USED (INCLUDING WATER PROVIDED BY IRRIGATION DISTRICTS OR DITCH COMPANIES.) YES NO

IF YES, FROM WHAT SOURCE (i.e. SURFACE OR GROUND WATER) AND UNDER WHAT AUTHORITY
N/A

6. DESCRIPTION OF SYSTEM PROPOSED OR INSTALLED

(FOR EXAMPLE: SIZE OF PUMP, CAPACITY OF PUMP, PUMP MOTOR HORSE POWER, PIPE DIAMETER, NUMBER OF SPRINKLERS, ETC.)

Don't know at this time.

REMARKS

7. Well notes: 1. Head of well is 207' above Lake Entiat. 2. Bottom of well is 291' below Lake Entiat. 3. Upper approx. 1/2 of well is steel cased in gravel. 4. Lower approx. 1/2 of well is solid granite. 5. Well produces 25 GPM. 6. Well is not in Lake Entiat hydrology.

8. COMPLETE THIS SECTION ONLY IF THIS APPLICATION INCLUDES IRRIGATION AS A USE

IN ORDER TO IMPLEMENT THE PROVISIONS OF INITIATIVE MEASURE NUMBER 59, THE FAMILY FARM WATER ACT WHICH WAS PASSED BY THE VOTERS ON NOVEMBER 3, 1977, WE MUST ASK THE FOLLOWING QUESTIONS:

DOES THE TOTAL NUMBER OF ACRES IN WHICH YOU HAVE CONTROLLING INTEREST IN THE STATE OF WASHINGTON EXCEED 2000 ACRES FOR THE FOLLOWING THREE CATEGORIES:

- 1. LANDS THAT ARE BEING IRRIGATED UNDER WATER RIGHTS ACQUIRED AFTER DECEMBER 8, 1977. YES NO
- 2. LANDS THAT MAY BE IRRIGATED UNDER APPLICATIONS NOW ON FILE WITH THE DEPARTMENT OF ECOLOGY. YES NO
- 3. LANDS THAT MAY BE IRRIGATED UNDER THIS APPLICATION. YES NO

IF 10 ACRE-FEET OR MORE OF WATER IS TO BE STORED AND/OR IF THE WATER DEPTH WILL BE 10 FEET OR MORE AT THE DEEPEST POINT, A STORAGE PERMIT MUST BE FILED IN ADDITION TO THIS PERMIT. THESE FORMS CAN BE SECURED, TOGETHER WITH INSTRUCTIONS, FROM THE DEPARTMENT OF ECOLOGY.

SIGNATURES

Patrick L. Knowles &
Susan K. Knowles
LEGAL LANDOWNERS NAME
(PLEASE PRINT)

Patrick L. Knowles
APPLICANT'S SIGNATURE
Susan K. Knowles
LEGAL LANDOWNER'S SIGNATURE (OWNER OF PROPERTY DESCRIBED IN ITEM NUMBER 5)

P.O. Box 76 Orondo, WA 98843
LEGAL LANDOWNER'S ADDRESS

FOR OFFICE USE ONLY

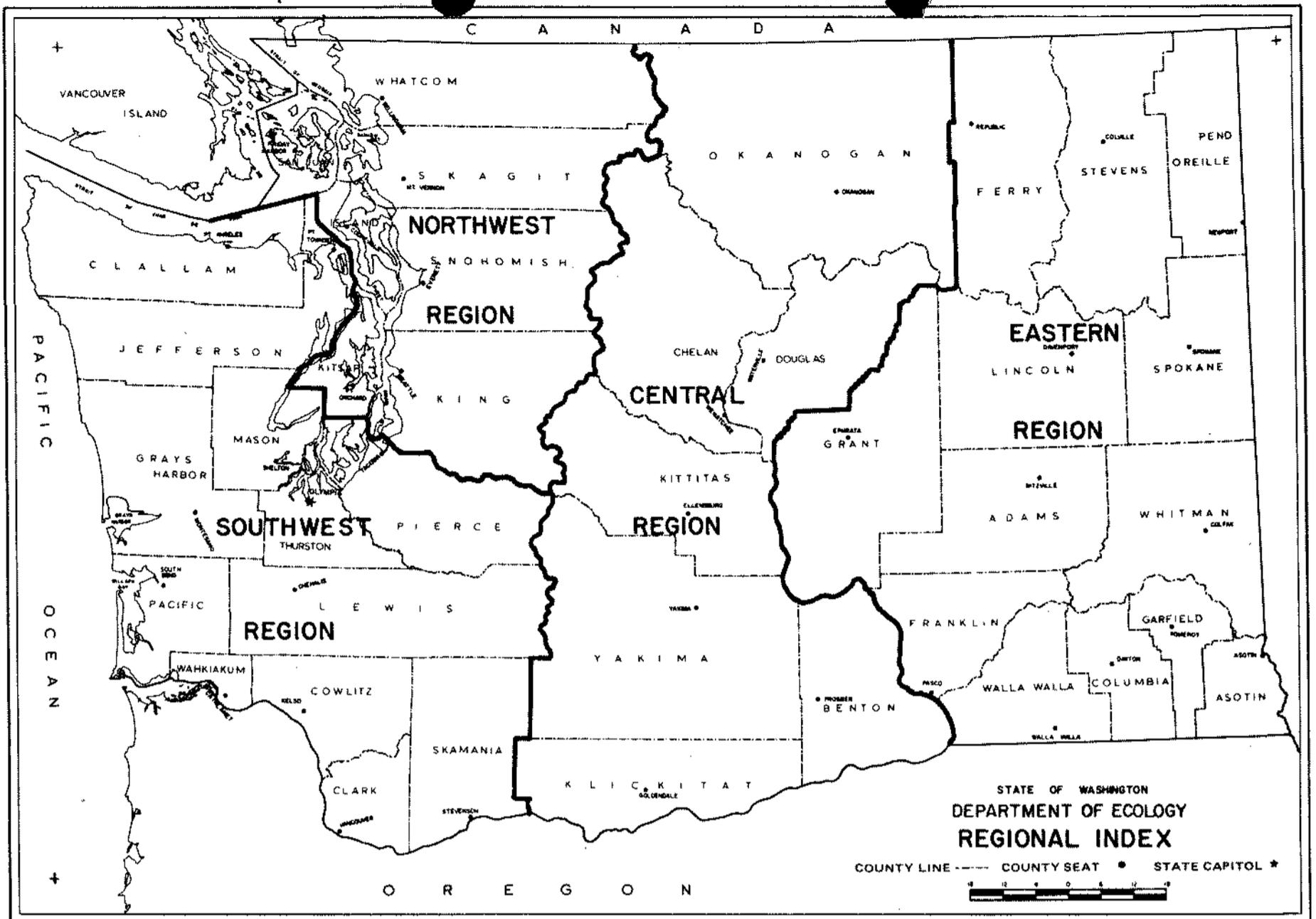
STATE OF WASHINGTON }
DEPARTMENT OF ECOLOGY } ss.

This is to certify that I have examined this application together with the accompanying maps and data, and am returning it for correction or completion as follows:

In order to retain its priority date, this application must be returned to the Department of Ecology, with corrections, on or before, 19.....

Witness my hand this day of, 19.....





Your water right application will be processed by the Regional Office of the Department of Ecology having jurisdiction in the area in which your water works are located. **Please submit your completed application form, maps, sketches, and \$10.00 examination fee to the appropriate Regional Office.**

Northwest Regional Office
3190 - 160th Avenue S.E.
Bellevue, WA 98008-5452
Tel. (206) 649-7000

Central Regional Office
3601 West Washington
Yakima, Washington 98903-1164
Tel. (509) 575-2800

Southwest Regional Office
7272 Cleanwater Lane
Olympia, Washington 98504-6811
Tel. (206) 586-6380

Eastern Regional Office
N. 4601 Monroe, Suite 100
Spokane, Washington 99205-1295
Tel. (509) 456-2926

The appropriate Regional Office will be happy to answer any further questions you may have.

D439608

FILED OR RECORDED

BOOK OF M371 FOR

LAND TITLE COMPANY

93 JUN 25 AM 10:16

DOUGLAS COUNTY AUDITOR
WATERSVILLE, WASHINGTON

Ruth Shopovale
DEPUTY ps 29,30

STATUTORY WARRANTY DEED

AFF. #	56427
REAL ESTATE EXCISE TAX	PAID
\$	474.30
DOUGLAS COUNTY TREASURER	MARY E. DODGE
BY	6/25/93
	DEPUTY

286184

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THE GRANTOR, ROBERT D. McDOUGALL, as his separate estate, for and in consideration of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable consideration, in hand paid, conveys and warrants to PATRICK L. KNOWLES and SUSAN K. KNOWLES, husband and wife, the Grantees, whose address is _____

_____ the following described real estate situated in the County of Douglas, State of Washington, to-wit:

Portion of Lot 1, Chelan County Public Utility District No. 1 Short Subdivision D-101, Douglas County, Washington, according to the plat thereof recorded in Volume G of Plats, Page 39, described as follows: The West half of the Southeast quarter of the Southeast quarter of Section 16, Township 26 North, Range 21, E.W.M., Douglas County, Washington, lying Southeasterly of the right of way of Skeels Road extension as deeded to Douglas County by instrument recorded June 22, 1981, under Auditor's No. 211197.

SUBJECT TO exceptions and reservations contained in Deed from the State of Washington, recorded under Auditor's No. 34161.

SUBJECT TO waiver of all claims for damages against any governmental authority which may be occasioned to the adjacent land by the established construction, drainage and maintenance of public roads, as contained in said short plat herein.

SUBJECT TO covenants, easements and restrictions of record or apparent upon the premises and SUBJECT TO matters relating to water and water rights and rights of way for necessary facilities for the distribution of water and right of entry for repair and maintenance.

6431882
CHANCEY C. CROWELL
Attorney at Law
518 North Wenatchee Avenue, Suite A
P.O. Box 2866
Wenatchee, Washington 98807
509/662-1103

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WATER WELL REPORT

STATE OF WASHINGTON

Water Right Permit No. _____

Start Card No. W 22103

UNIQUE WELL I.D. # AAJ 386

(1) OWNER: Name PATRICK L. + SUSAN K. KNOWLES Address PO BOX 76 ORONDO WA 98843

(2) LOCATION OF WELL: County DOUGLAS SE 1/4 SE 1/4 Sec 16 T. 26 N. R. 21 W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) NEXT TO TOSKEELS RD ORONDO WA 98843

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(4) TYPE OF WORK: Owner's number of well (If more than one) _____
 Abandoned New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 6 1/2 inches.
 Drilled 498 feet. Depth of completed well 498 ft.

(6) CONSTRUCTION DETAILS:
 Casing installed: 6 ft. Diam. from 4 1/2 ft. to 247 1/2 ft.
 Welded 4 ft. Diam. from -238 ft. to 498 ft.
 Liner installed Threaded Diam. from _____ ft. to _____ ft.

Perforations: Yes No
 Type of perforator used SKIL SAW
 SIZE of perforations 1/8 in. by 7 in.
64 perforations from 458 ft. to 498 ft.

Screens: Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel _____
 Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 19 ft.
 Material used in seal BENTONITE
 Did any strata contain unusable water? Yes No
 Type of water? VERY SILTY Depth of strata 197-246
 Method of sealing strata off CASED OFF

(7) PUMP: Manufacturer's Name _____
 Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
 Static level 197 ft. below top of well Date 12-14-93
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? TUMWATER
 Yield: 25 gal./min. with 104 ft. drawdown after 3 hrs.
 Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

 Date of test 12-15-93
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Airstest 11 gal./min. with stem set at 497 ft. for 1 hrs.
 Artesian flow _____ g.p.m. Date 12-18-93
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
LOOSE GRAVEL + SAND	0	38
BROWN PACKED SILT	38	59
GREY LIMBO CLAY	59	69
GRAVEL, COBBLES + SAND	69	217
WATER BEARING 215-246 (15 gpm)		
GRAVELITE - SILTY	247	498
WATER BEARING @ 310-313 (1 1/2-2 gpm)		
474-477 (10 gpm)		

Work Started 12-7 19. Completed 12-13 19 93

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

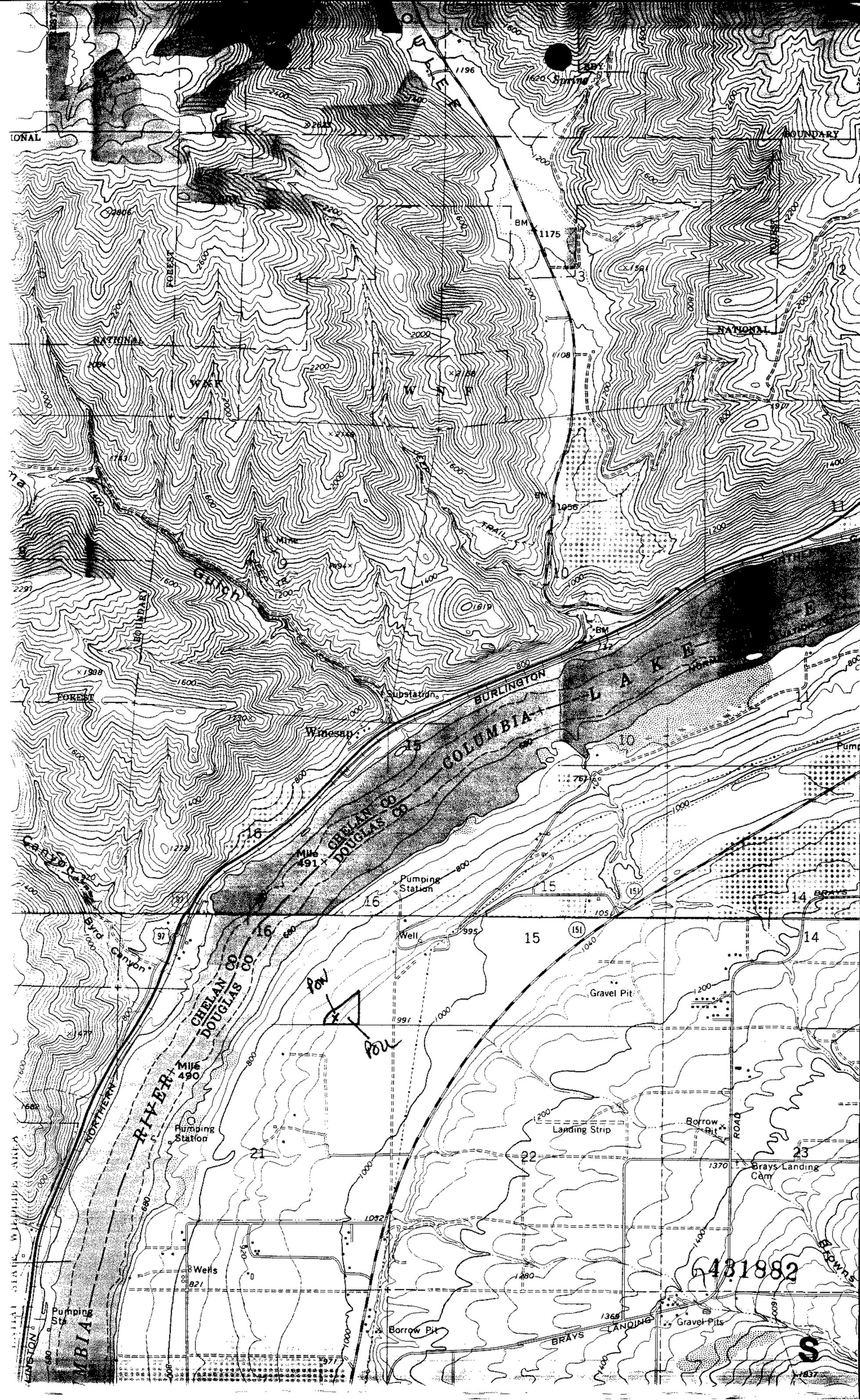
NAME TUMWATER DRILLING INC.
 (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address LEAVENWORTH, WASH.

(Signed) Paul M. [Signature] License No. 1249
 (WELL DRILLER)

Contractor's Registration No. 6431882 Date 12-15 19 93
TUMWAD2 130C

(USE ADDITIONAL SHEETS IF NECESSARY)



LONG

BOUNDARY

NATIONAL

NATIONAL

GRANCH

BURLINGTON

L A K E

C O L U M B I A

CHELAN CO
DOUGLAS CO

NORTHERN
RIVER

WILDLIFE AREA

6481882

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1837

TOWNSHIP 26 N., RANGE 21 E. W. 1

CHELAN & DOUGLAS CO'S.

E 2 IN. = 1 MILE.

