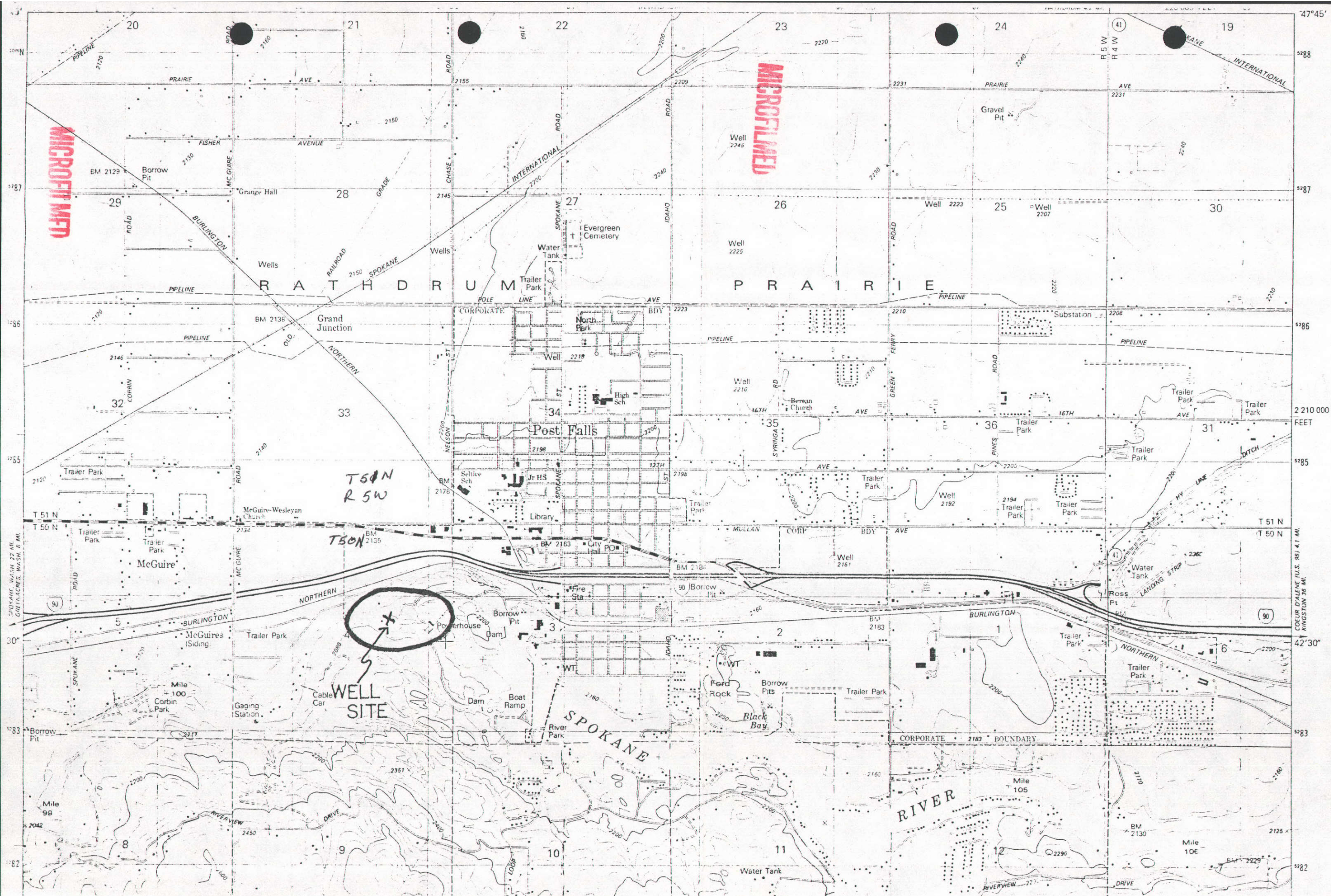


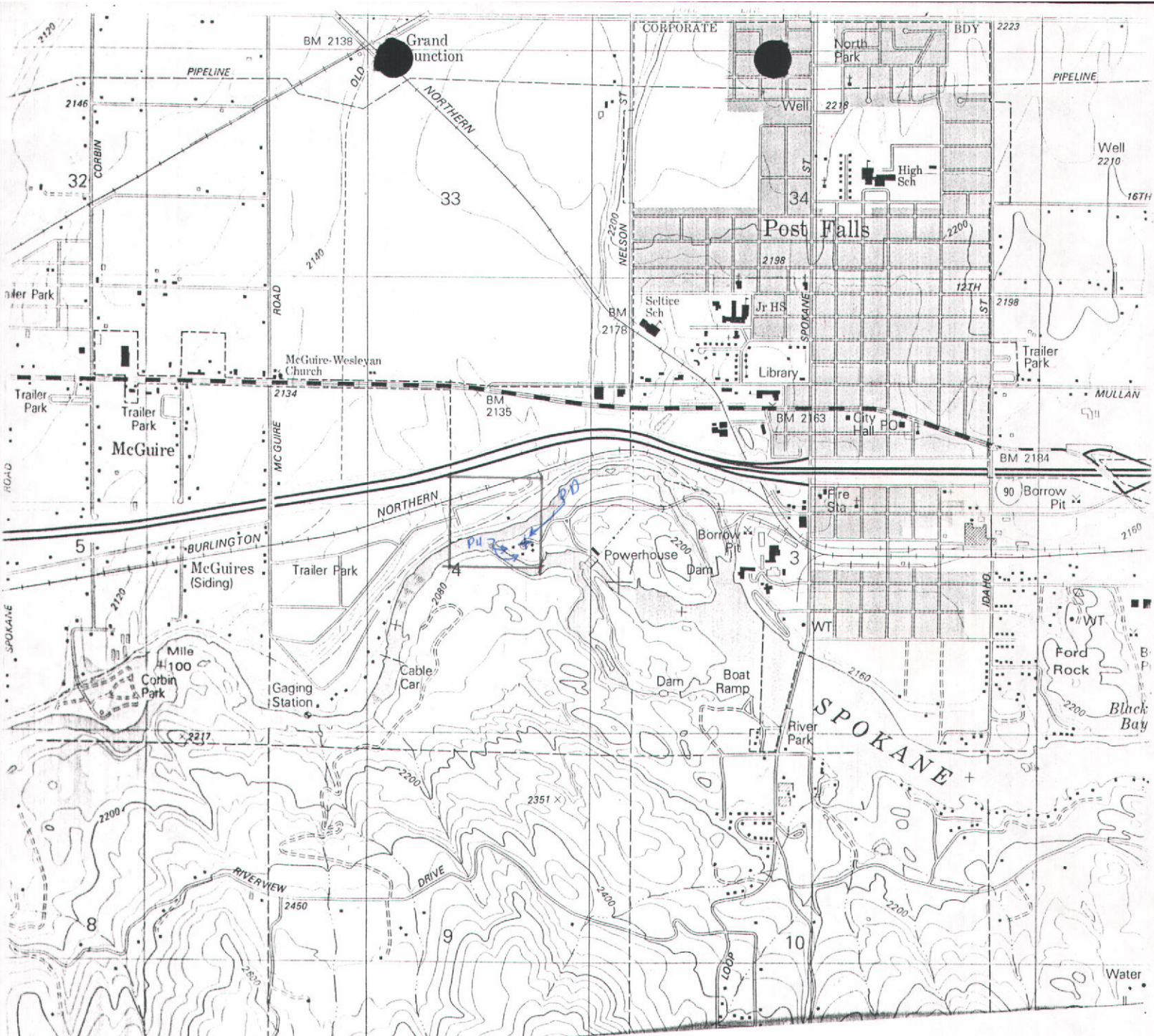


Photographs



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JAN 18 1991



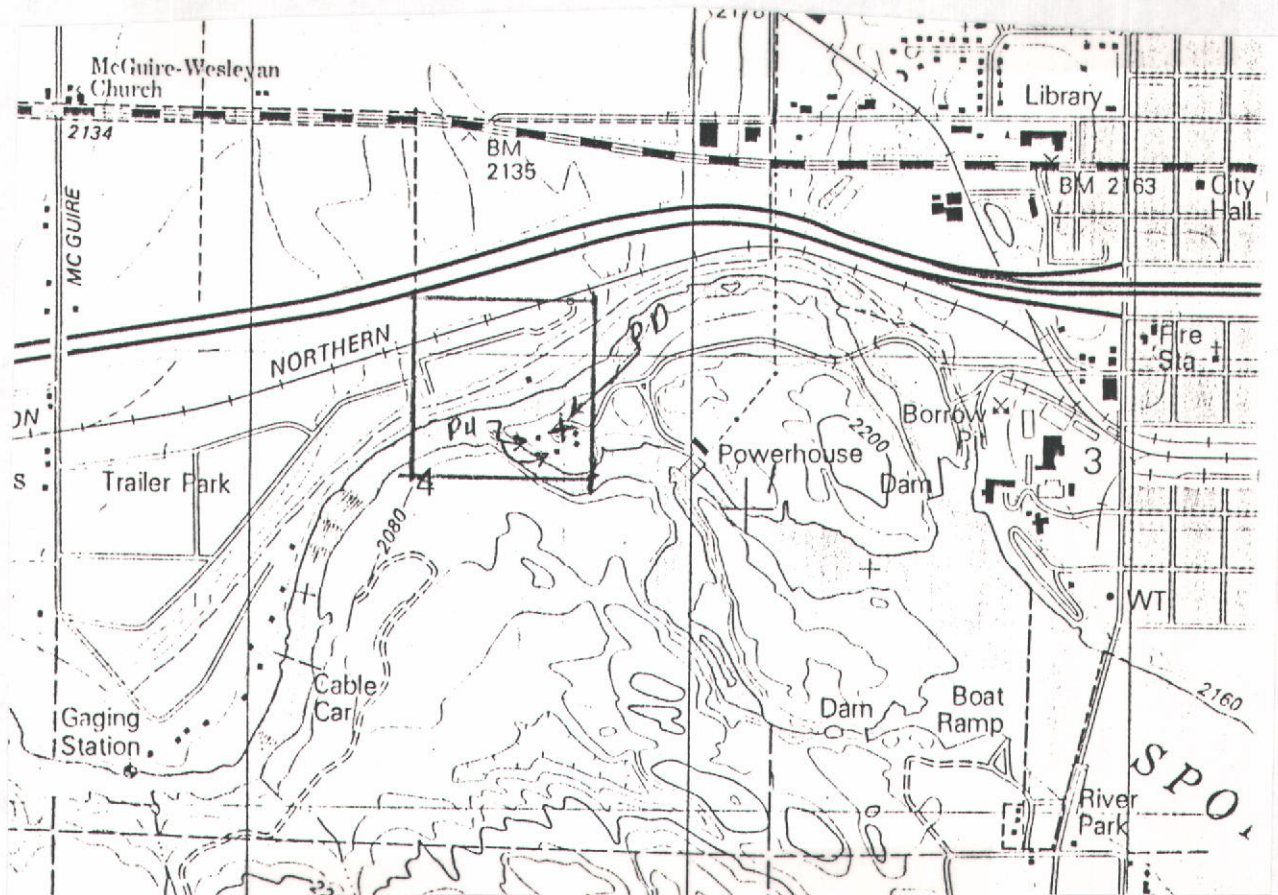
NAME: Wash. Water Power Co PERMIT NUMBER: 95-08432
PD: T 50N, R 5N, SEC. 4, SW NE GL MAP: # E3
PU: T , R , SEC. , AC/IRR: QUAD:
SOURCE: GROUNDWATER TRIBUTARY TO:

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SCHEMATIC

Provide a schematic Diagram showing the location of the well in the ¼/¼ with respect to houses, roads, other wells or readily identifiable features.



Inspected by

Sam McKing

Date

10/12/89

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JAN 18 1991

Form 226-7
2-62

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Washington Water Power

Address P.O. Box 2777, Coeur d'Alene, Idaho

Owner's Permit No. _____

7. WATER LEVEL

Static water level 25 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Artesian closed in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature _____ °F. Quality _____

Describe stratum or temperature zones below _____

2. NATURE OF WORK

☐ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe abandonment procedure such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☒ Pump ☐ Sellar ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Head	Static Head
_____	175	2
_____	_____	_____
_____	_____	_____

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal

☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

☐ Other _____ (specify type)

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water Yield
	From	To		
8	1	25	heavy gravel	1
8	25	78	sand & pea gravel	1
8	78	92	soft gray granite	1
6	92	116	hard gray " "	1
6	116	132	soft brown granite	1
6	132	136	" white "	1
6	136	144	red hard "	1
6	144	152	" " brown granite	1
6	152	170	" " gray "	1
6	170	185	soft "	1
6	185	203	hard gray "	1

4. METHOD DRILLED

☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary

☒ Cable ☐ Dig ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☐ Steel ☐ Concrete ☐ Other _____

Thickness _____ inches Diameter _____ inches + _____ feet 80.3 feet

_____ inches _____ inches _____ feet 200 feet

_____ inches _____ inches _____ feet _____ feet

_____ inches _____ inches _____ feet _____ feet

Was casing drive shoe used? ☐ Yes ☐ No

Was a packer or seal used? ☐ Yes ☐ No

Perforated? ☐ Yes ☐ No

How perforated? ☐ Factory ☐ Kelle ☐ Torch

Size of perforation 7/16 inches by _____ inches

_____ Number _____ From _____ To _____

_____ perforations _____ feet _____ feet

_____ perforations _____ feet _____ feet

_____ perforations _____ feet _____ feet

Well screen installed? ☐ Yes ☐ No

Manufacturer's name _____ Model No. _____

Type _____ Slot size _____ Set from _____ feet to _____ feet

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

Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 20 Material used in seal: ☐ Cement grout

☒ Bentonite ☐ Pudding clay ☐ _____

Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing

☐ Overbore to seal depth

Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent

Weld _____

☐ Cemented between struts

Describe access port well cap

RECEIVED
JUN 28 1964

RECEIVED
JUN 28 1964

6. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name _____

Lot No. _____ Block No. _____

County Kootenai

_____ 1/4 _____ 22 1/2 Sec. _____ T. 20 N. R. 5 W. E.W.

10. Work started 3-23-64 **Finished** 3-27-64

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Bronson Water Wells Firm No. 360

Address Box 1 Spirit Lake, ID Date 4-2-64

Signed by (Firm Official) W.B.

and _____

(Operator)

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JUN 15 1969

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

Invoice No.

Date

Voucher

Gross Amount

Discount

Net Amount

011989 74528

WATER PERMIT 9508432

50.00

50.00

MICROFILMED

JUN 15 1989

Check No.

Date

Vendor No.

Vendor Name

Total Amount

-S- 164196

012789

801490

STATE OF IDAHO

50.00

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08432

Priority: January 30, 1984

Maximum Diversion Rate: 0.08 CFS
Maximum Diversion Volume:¹ 1.8 AF

This is to certify, that WASHINGTON WATER POWER CO.

E. 1411 MISSION AVE.

P.O. BOX 3727

SPOKANE, WA 99220

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated January 30, 1984; and has submitted Proof of Beneficial Use on February 8, 1989. An examination indicates that the works have a diversion capacity of .160 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.08 CFS	1.8 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNE , Sec. 4, Township 50N, Range 05W
KOOTENAI County

PLACE OF USE: DOMESTIC

TWN RGE SEC

50N 05W 4

SWNE

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Domestic use is for 2 homes and restroom facilities at a powerhouse.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 11th day of JANUARY, 1991.

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JAN 18 1991

Acting for

R. Keith Higginson, Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant The Washington Water Power Company Phone (509) 489-0500

Post office address E. 1411 Mission Avenue, P. O. Box 3727, Spokane, WA 99220

2. Source of water supply Ground Water which is a tributary of _____

3. Location of point of diversion is SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 4 Township 50N

Range 5W B.M. Kootenai County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.08 for domestic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.03 for irrigation purposes from May 1 to Sept. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.11 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well, SFP pump & pipeline

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 6 inches; proposed depth of well is 150 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 4 Township 50N

Range 5W B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water 86.

(5) If water is to be used for other purposes describe: The water provided by this well will serve the domestic water needs of at least 3 permanent residences and up to two temporary residences at the Post Falls Dam living quarters site. The well will also serve the water needs of the Dam itself (Drinking water, sinks & Toilet Fec.)

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Microfilm

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

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TWP	RANGE	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4			
50N	5W	4																

(SEE ATTACHED)

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Arad Shoshani
(Applicant)
Manager Environmental Dept.

MICROFILMED

Proposed Priority 1/30/84

Received by Date 1/30/84 Time 2:25 PM
Preliminary check by Fee \$ 30.00
Received by Date 1/31/84 (31446)
Publication prepared by Date 2/1/84
Published in Date 2/9 & 16/84
Publication approved Date 2/27/84
Protests filed by: more
Copies of protests forwarded by
Hearing held by Date
Recommended for approval denial

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 95-8432 and said application is hereby APPROVED

1. Approval of said application is subject to the following limitations and conditions:
- a. SUBJECT TO ALL PRIOR WATER RIGHTS.

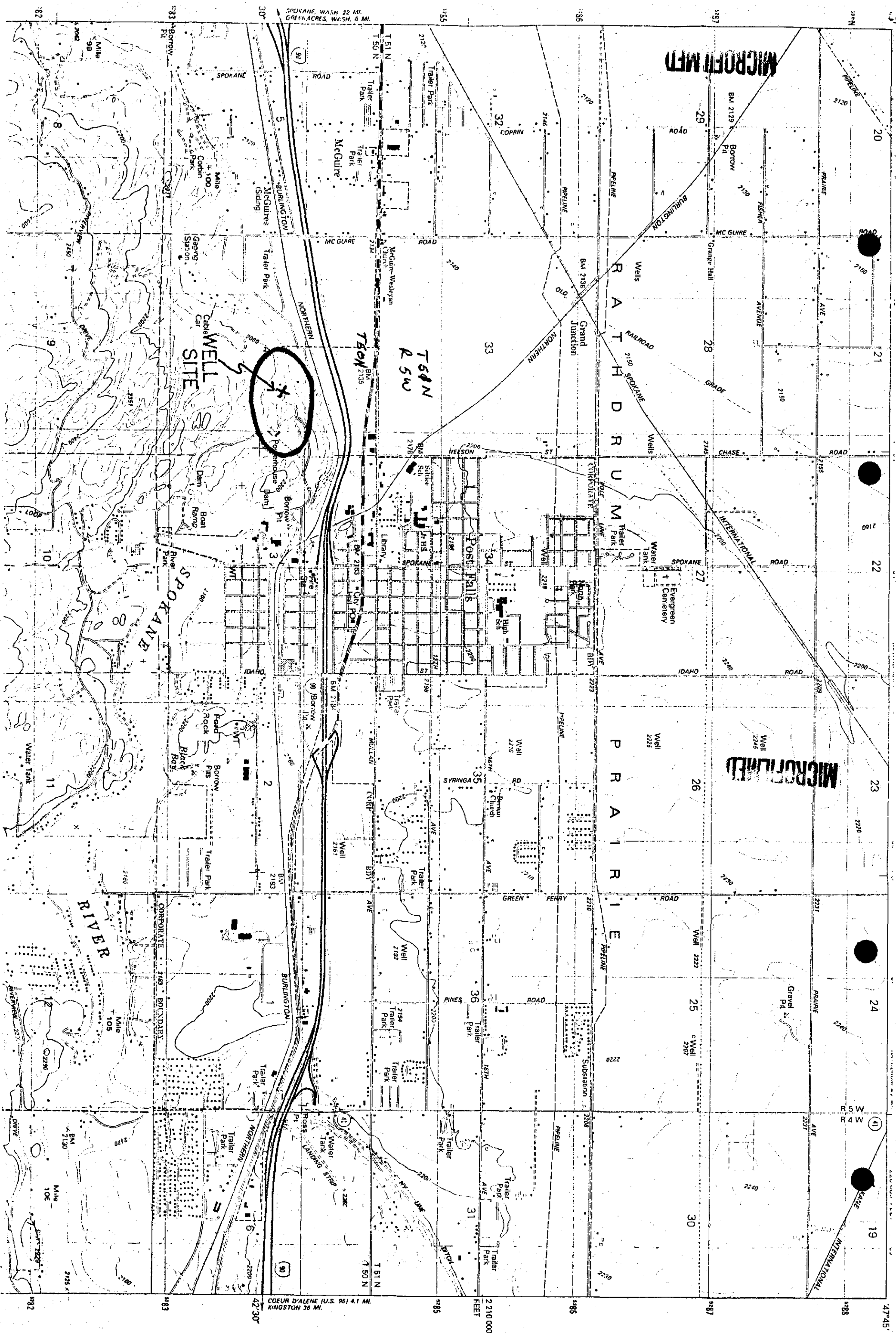
b. Proof of construction of works and application of water to beneficial use shall be submitted on or before March 1, 19 89.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 7th day of March, 1984.

J. Allen Saylor
Chief, Operations Bureau



AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, }
County of Kootenai, } ss.

Regina Mason being first duly sworn
upon oath deposes and says:

1. I am now and at all times hereinafter mentioned was a citizen of the United States, resident of the State of Idaho, over the age of twenty-one years and not a party of the above entitled action.

2. I am now and at all times hereinafter mentioned was the printer (principal clerk) of the "Coeur d'Alene Press," a newspaper printed and published daily except Sunday in Coeur d'Alene, Kootenai County, Idaho, and having a general circulation in said county.

3. The Notice

of which the annexed is a printed copy, was published in the regular Three issue of said newspaper for 2 consecutive weeks commencing on the 9 day of Feb, 1984, and ending on the 16 day of Feb, 1984 and such publication was made as often during said period as said daily newspaper was regularly issued.

4. That said newspaper has been continuously and uninterruptedly published in said Kootenai County, during a period of more than seventy-eight consecutive weeks immediately prior to the first publication of said notice.

Regina Mason
Subscribed and sworn to before me this 16 day of Feb, 1984

Robert D. Dransky
Notary Public for the State of Idaho,
residing at Coeur d'Alene, Idaho.

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

95-8432

WASHINGTON WATER POWER CO., E. 1411 Mission Ave., P.O. Box 3727, Spokane, WA 99220. Source: Groundwater. Date Filed: 01/30/84. Diversion Pt.: SWNE Sec. 04, T. 50N, R. 05W. Use: Irrigation (0.03 CFS), Domestic (0.08 CFS). In: SWNE, Sec. 04, T. 50N, R. 05W for 1 acre.

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4055 Gov't Way, Coeur d'Alene, Id. 83814 on or before February 27, 1984.

KEN DUNN, Dir.

Legal 32

Feb. 9, 16, 1984

JK
2/27/84

RECEIVED

FEB 21 1984

Department of Water Resources
Northern District Office



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

February 19, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

Deb Mortlock
Washington Water Power Company
P.O. Box 3727
Spokane, Washington 99220-3727

Dear Ms. Mortlock:

RE: Draft Application for License, Cabinet Gorge Hydroelectric Project, FERC 2058

The letter of October 15, 1998, from Larry La Bolle on the above project requested comments to you by January 15, 1999. Our letter is recognized to be late; however, comments felt to be appropriate are quite minor in relation to FERC's responsibility but generally relate to state of Idaho water rights for the project. This letter results from my discussion with Larry La Bolle on February 17.

In regard to the Draft Application for License, on page 3-14 of the Draft Collaboratively Prepared Environmental Assessment under Idaho Water Rights, we would have preferred a listing of the License and Certificate of Water Right document numbers. These documents are as follows:

- 96-02179 with priority date of September 7, 1950 for 25,000 cfs
- 96-02180 with priority date of November 7, 1950 for 10,000 cfs (not September 7, 1950)
- 96-02269 with priority date of November 3, 1961 for 700 cfs

It should be noted there is no storage license of record for the Cabinet Gorge Reservoir. Therefore a Claim to a Water Right under Idaho Code 42-243 should be filed in the near future on a Idaho Department of Water Resources form no. 243, Claim to a Water Right (Statutory Claim). According to page A-4 of the draft license application, the claim would be for 105,000 acre-feet for storage and 42,780 acre-feet for use from storage for hydroelectric use.

On page 4-45, the reference to the Idaho Water Resource Board's State Water Plan should reference the January 1997 edition not a December 1986 edition.

For the Draft License Application in the Initial Statement under item 6, compliance with each of the laws cited, it would have been beneficial to repeat the above license information with a summary of the claim information. This compliance section, as you know, was not provided in the draft application for license.

In regard to the name change to Avista Corporation, good business practice suggests a name/address change filing either by letter or on form no. 42-248/42-1409(6), Notice of Change of Water Right Ownership, would be made for Idaho water rights [Cabinet Gorge, Post Falls, and any others (?)].

This letter or form should include a listing of the water rights and a copy of the document(s) that makes the legal name change. A partial review of our data base lists the following additional Idaho water filings:

<u>Filing No.</u>	<u>Priority Date</u>	<u>Source</u>	<u>Quantity</u>
95-04518	01/01/1907	Spokane River	4,250 cfs (for Post Falls) (a claim)
95-08003	03/17/1980	Spokane River	1,150 cfs (for Post Falls)
82-02070	03/11/1926	Moores Lake	715 ac-ft (power) in 71 acre lake
Water transferred to Moores Lake Creek to Johns Creek to S.F. Clearwater R. (Storage in T. 26 N., R. 05 S., Sec. 6, NENE., B.M. Transferred from Inland Power & Light Co. A court likely would rule this licensed right forfeited because of non-use.)			
95-02205	02/21/1967	Groundwater	0.29 cfs (domestic)
95-04027	09/01/1963	Groundwater	1.20 cfs (domestic)
95-07185	04/03/1972	Groundwater	1.39 cfs (domestic)
95-07271	04/03/1973	Groundwater	0.83 cfs (municipal)
95-08432	01/30/1984	Groundwater	0.08 cfs (domestic)
95-02172	Lapsed		

Both the claim and name change filings may be made through our regional office located in Coeur d'Alene, Idaho, telephone number (208) 769-1450. Forms are enclosed with a copy of this letter to Larry La Bolle and also can be duplicated from internet at www.idwr.state.us.id/idwr/idwrhome.htm.

We have deferred a concern about erosion below Cabinet Gorge Dam to the oversight review and recommendations of the Idaho Division of Environment and the Idaho Department of Fish and Game.

Sincerely,



Ralph Mellin
Special Projects Coordinator

c: Larry La Bolle, Avista Relicensing Project Manager, w/enclosures
Bob Haynes, IDWR Northern Regional Office

January 11, 1991

WASHINGTON WATER POWER CO.
E. 1411 MISSION AVE.
P.O. BOX 3727
SPOKANE, WA 99220

RE: WATER RIGHT NO. 95-08432

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosure

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JAN 18 1991

December 12, 1990

WASHINGTON WATER POWER CO.
E. 1411 MISSION AVE.
P.O. BOX 3727
SPOKANE, WA 99220

RE: WATER RIGHT NO. 95-08432

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosure

INDEXED FILMED

JAN 18 1991

LICENSE REVIEW CHECKLIST

Permit No. 95-8432

Name/Address change? ok ☒

Priority date Advance? yes no ☒

Memo to advance
Order to reinstate needed? yes no ☒

Total cfs Limited by fee ☒ ok

Limited by capacity

Total volume Limited by flow

Chart checked for AF rate/ac N/A

Capacity Actual measurement checked NONE

Theoretical checked ☒
If greater than permit, check for other rts

Source Changed? yes no ☒
If so, is memo needed to clarify?

P/D Verify with map ☒ permit ☒
More than one per 1/4? Remember remark
Check p/d overlap N/A

Uses Check irrigation period of use w/ chart N/A

P/U Verify with map ☒ permit ☒
> 5 acres irrigated, run overlap

Remarks More than one p/d in 1/4
Description of non-irrig uses ☒
Special overlap condition

Conditions -

Measuring device
W.Master control
Overlap
Water quality
Other

Dates/Misc. -

Water Dist
App Rec'd
Proof Rec'd

CHECK FOR ADJ. CLAIM Needed according to proof filed
Filed - needs amended
Not filed - send form
Not needed ☒

Comments/Changes to Examiner's Recommendations:

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JAN 18 1991

License 10-day ☒ 30-day

Back of field report signed? ☒

Reviewer S. Carter Date 12/3/90 Review time 9 min.

SENIOR AGENT REVIEW

Check List
for
Beneficial Use Field Report

Permit 95-08432

☒ **A. GENERAL INFORMATION**

- ☒ 1. Name and address are most current available. (Check BU statement)
☒ 2. Exam Date
☒ 3. Source (Check Permit)

☒ **B. OVERLAP REVIEW**

- ☒ 1. & 2. (Rule 5,1,4)

☒ **C. SYSTEM DESCRIPTION**

- ☒ 1. Diversion System Diagram (Rule 5,1,3 / 5,1,4)
☒ 2. USGS (Rule 5,1,7 / 5,1,9) Aerial (Rule 5,1,17)
Photo of pd and/or pu or explanation
☒ 3. Word Picture (Rule 5,1,3 / 5,1,4)
☒ 4. Diversion (Rule 5,1,3)
☒ 5. Compare with USGS Map, Land Survey Maps, Aerial Photos and Permit.
☒ 6. Irrigation (Rule 5,1,8) method of determination

☒ **D. FLOW MEASUREMENTS** Check math (Rule 5,1,13 / 5,1,14)

☒ **E. FLOW CALCULATIONS** Check math (Rule 5,1,13 / 5,1,14)

☒ **F. OPTIONAL**

☒ **G. VOLUME CALCULATIONS**

- Three significant figures and no more than 1/10's (Rule 6,1,2)
Fish (Rule 5,1,11) number stock, homes, etc... (Rule 5,1,12)

☒ **H. REMARKS AND OVERLAP ANALYSES**

- All actual uses listed; all permitted uses not used, also listed; (Rule 5,1,2):
Overlaps (Rule 5,1,4):
Return flows (Rule 5,1,5):
Conditions (Rule 5,1,6).

☒ **I. RECOMMENDATIONS**

1. Municipal (Rule 5,1,10): Compare with items E & G, permit, fee, capacity
(Rule 5,1,15): Measured flows for each use listed separately (Rule 5,1,14).
Period of year (Rule 5,1,13)
2. Compare permit to exam for amendments (Rule 5,1,16)

☒ **J. AUTHENTICATION**

Name, Signature, Certification Date, Exam Date.

☒ **WELL INSPECTION REPORT**

Check with permit and well log for discrepancies

RECEIVED
JUN 27 1990

Department of Water Resources

Signature SK [Signature] Date 11/20/89

Photographs



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JAN 18 1991

RECEIVED
JUN 27 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 95-08432

1. Owner: Washington Water Power Co.

Phone No. 509-489-0500

Current Address: E. 1411 MISSION AVE. SPokane WA. 99220

2. Accompanied by: BOB CHATE

EXAM. DATE: 10/10/89

Address: SAME

Phone No. 509-482-4870

Relationship to Permit Holder: Employee

3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE

☐ Copies Attached

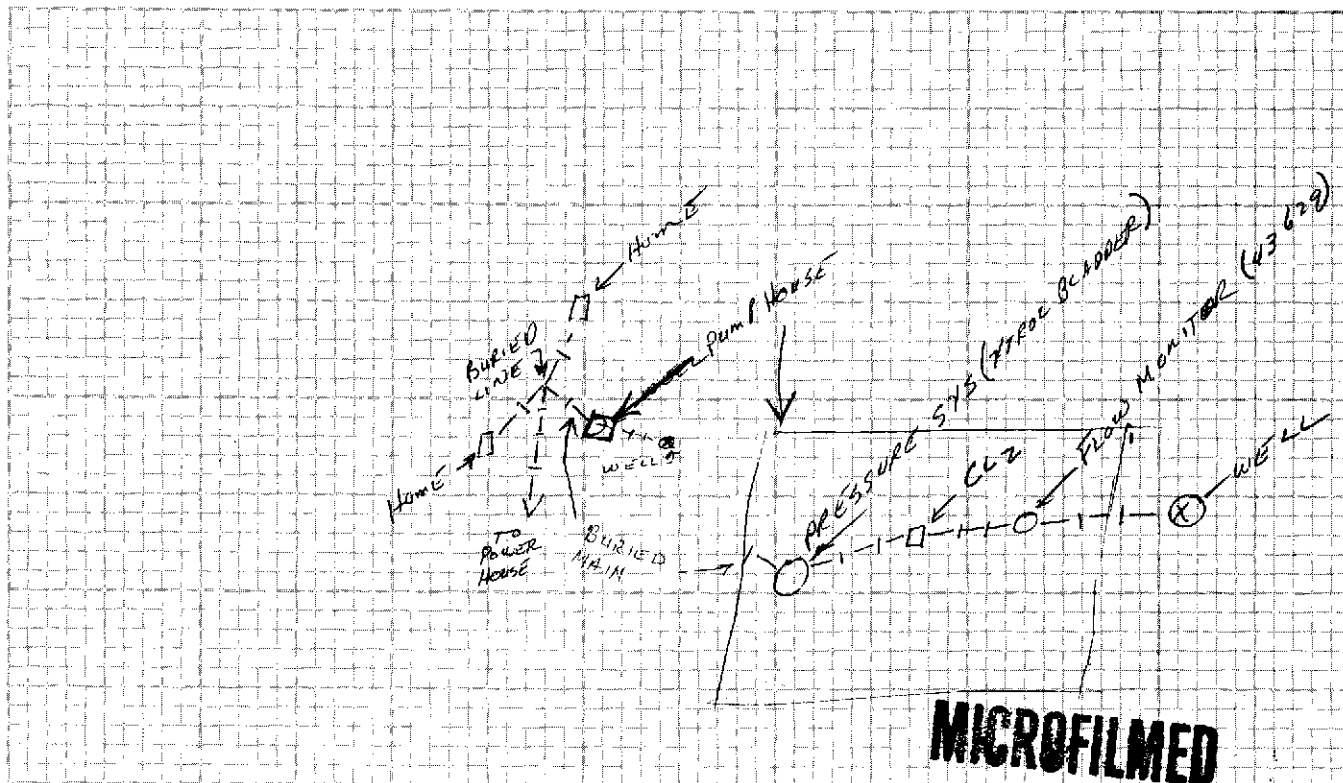
2. Other water rights with same point of diversion: NONE

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = 275

JAN 18 1991

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

- ☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.)

- ☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

6" x 303" Well with SWL @ 95', Submersible SFP pump & pipeline to homes & power house

☐ See Remarks on page 4 for continuation

Pump Serial No. or Discharge Size	Pump Make	Motor Serial No.	Hp	Motor Make	Well or Diversion Identification No.*
		2571168305	3	?	Schmalz-Hite

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

[illegible]

6. Place(s) of Use:

Indicate Method of Determination.

[illegible]

Do not use this space

JAN 1 1961

UNCLASSIFIED

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

$$\frac{2.8 (3) 70\%}{2.3 (20) + 90} \sim 0.16$$

0.10 cfs

0.04
0.04
0.02
0.10 cfs

Two houses + REST ROOMS
@ POWER HOUSE

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) : Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

2 Houses 1.2
Power House 0.6

1.8 AF

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JAN 18 1991

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Domestic is 2 houses & 1 Power house

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use		Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
From	To	From	To		
1-1	12-31			0.10	1.8

Totals:

2. Recommended Amendments

- ☐ Change P.D. as reflected above
- ☐ Add P.D. as reflected above
- ☐ Change P.U. as reflected above
- ☐ Add P.U. as reflected above

- ☐ None
- ☐ Other

J. AUTHENTICATION

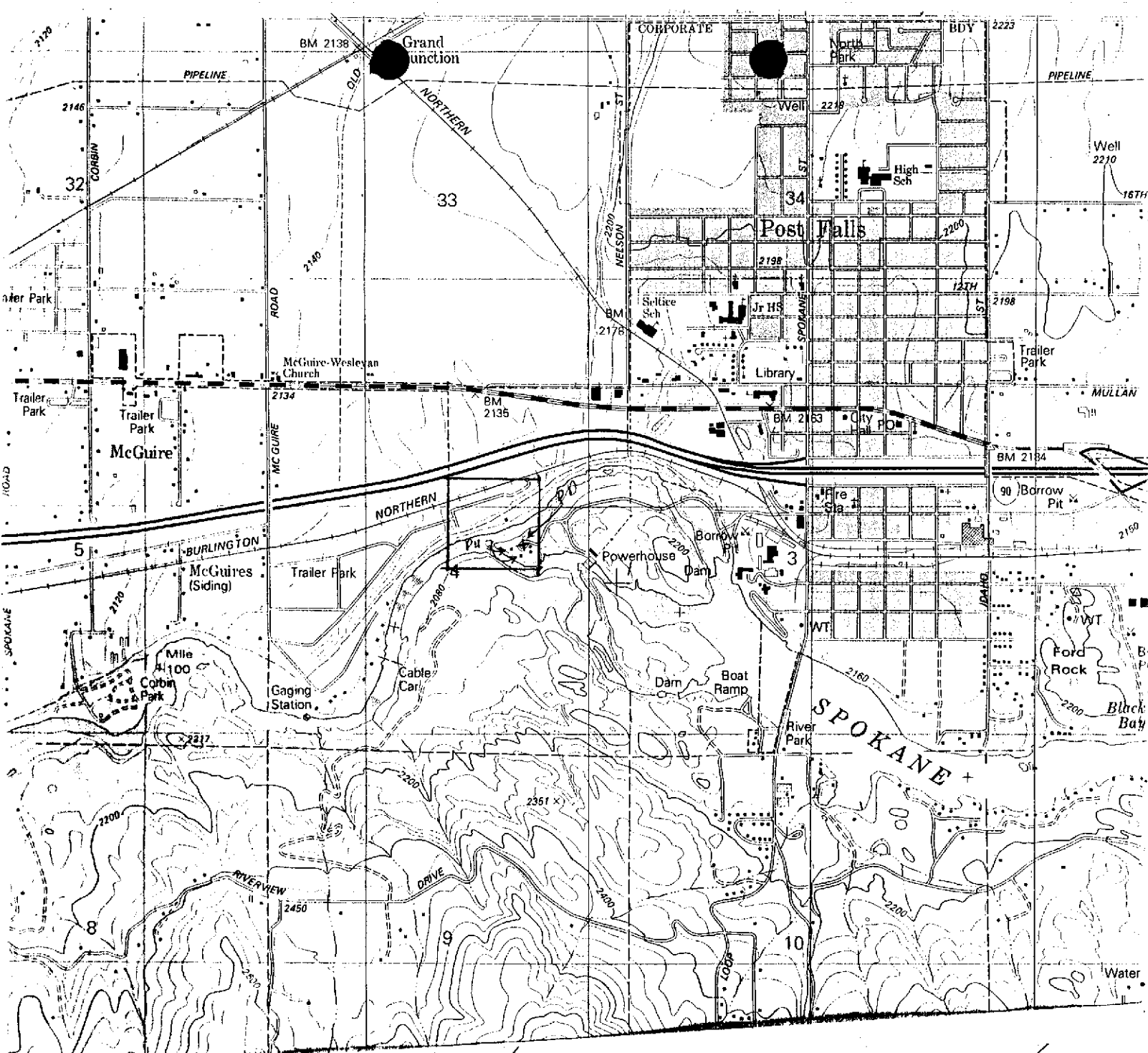
Field Examiner's Name Tom D. King
 Signature [Signature]
 Certification Date 2/17/59
 Field Report Preparation Date 10/10/89

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

12/3/90
SC



RECORDED
JAN 18 1991



NAME: Wash. Water Power Co. PERMIT NUMBER: 95-08432
PD: T 50N, R 5W, SEC. 4, SW NE GL MAP: # E3
PU: T , R , SEC. AC/IRR: QUAD:
SOURCE: GROUNDWATER TRIBUTARY TO:

MICROFILMED

JAN 18 1971

Form 238-I
09/89

State of Idaho
Department Of Water Resources

WELL INSPECTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be attached to the beneficial use field report. If well construction standards do not appear to be met, a copy of this form should be forwarded to Groundwater Protection Section.

Water Right Permit No. 95-08432

SEE ATTACHED WELL LOG

1. Legal Description of Well Location:

Twp. _____ N, Rge. _____ Sec. _____, _____ 1/4 _____ 1/4 Gov. Lot _____

2. Owner: _____

Address: _____, City _____, State _____

3. Approximate date of well construction _____

Well driller: _____

4. Casing: Diameter _____ Condition Good

5. Casing length above land surface 2.5'

6. Well depth (ft) _____ Flowing _____ Temperature _____ Access Port _____

7. Condition of piping and valving Good

8. Evidence of well seal NO

9. Shut in pressure or static water level _____

10. Evidence of leakage around the casing NO

11. Does well need repair NO

12. _____

Comments

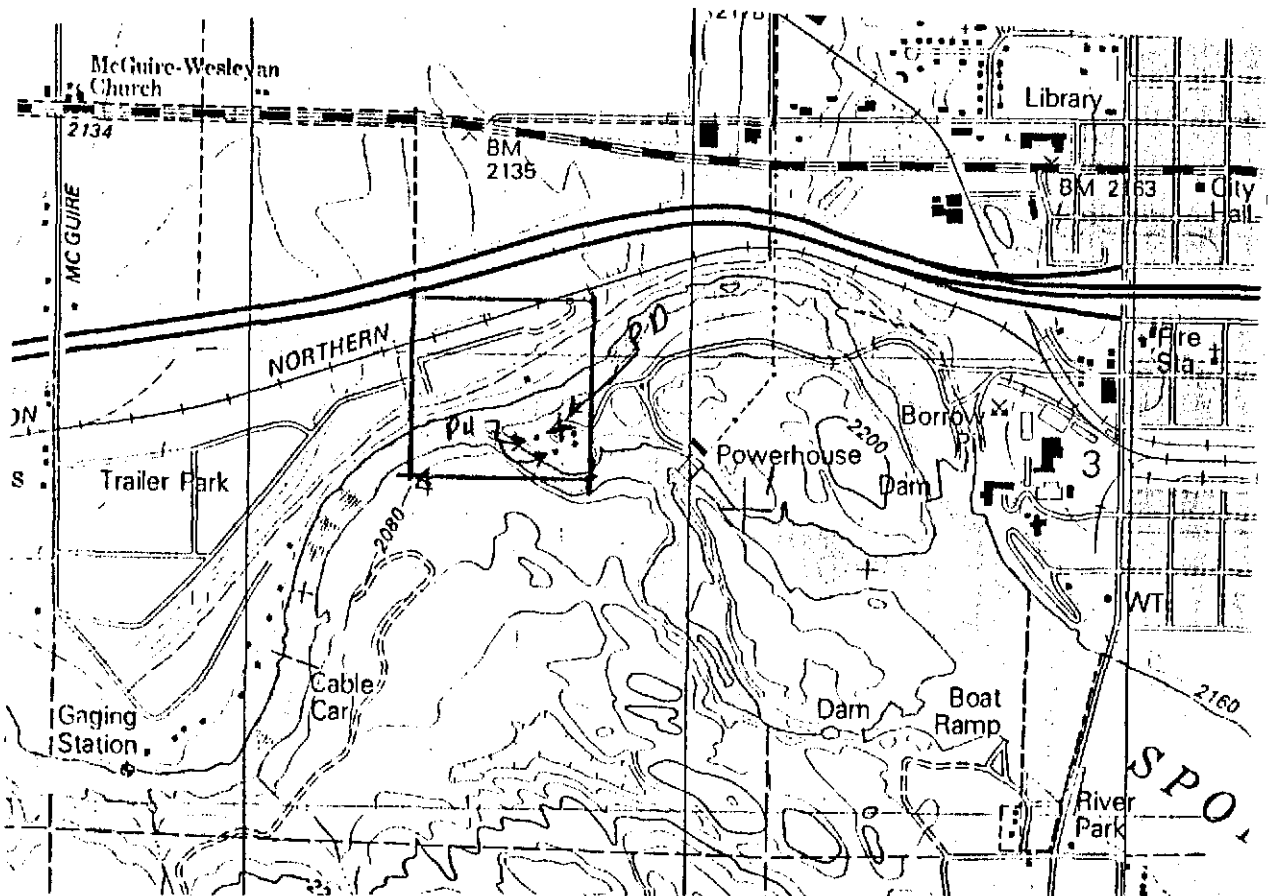
MICROFILMED

JAN 18 1991

over

SCHEMATIC

Provide a schematic Diagram showing the location of the well in the W/W with respect to houses, roads, other wells or readily identifiable features.



Inspected by

Sam R. King

Date *10/10/89*

MICROFILMED

JAN 18 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

NORTHERN REGION, Suite 210 • 1910 Northwest Blvd. • Coeur d'Alene, Idaho 83814 • (208) 765-4639

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

May 16, 1989

Washington Water Power Co.
P.O. Box 3727
Spokane, Wa. 99220

RECEIVED
MAY 22 1989

ATTN: Environment, Safety & Health Dept.

Department of Water Resources

Re: 95-8432

Gentlemen:

We acknowledge receipt of your statement of completion of water development use for the above-referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. We do not know at this time when he will be able to conduct the examination; however, the examiner will try to contact you prior to the time the examination is made so that you may demonstrate the system. If you will not be available to show the system, please provide this office with the name and address of someone who will be able to do so. Your permit will remain valid until the examination is made.

If you have any questions concerning the field examination, please contact this office. Please be sure to use the above-referenced permit number in all future correspondence concerning this examination.

Sincerely,

/s/
TOM D. KING
Senior Water Resource Agent

TDK/pms

MICROFILMED

JUN 15 1989



1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 95-8432

Date: 4/25/89

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
N Address change _____ If yes, prepare a data entry
Y Proof received timely
_____ Reinstated

Source of Water:

_____ Surface water
Y Groundwater
_____ 1. well log in file
_____ 2. drilling permit
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

_____ Is a measuring device or access port required?
N/A Has one been installed?
_____ Waiver or modification of measuring device requested

Remarks:

Proof acceptable

N/A Priority Calculation:
Date proof received _____
Date proof due _____ - _____
No. of days late _____ = _____
Priority date _____ + _____
NEW PRIORITY DATE _____ = _____

SEND FILES TO DATA *ENTRY* AND THEN TO MICROFILM

RECEIVED

FEB 08 1989

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

For Office Use Only

Fee Received 150.00Date 2/9/89Receipt # 0005451Receipt by CPReviewed by JSSent to region 56

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 95-08432 ✓Name(s) of Permit Holder: The Washington Water Power Company ✓Post Office Address: E. 1411 Mission Ave., P.O. Box 3727, Spokane, WA 99220 ✓Attn: Environment, Safety and Health Dept. Telephone No. (509) 489-0500Source of Water: Groundwater ✓

Extent of Use: * See statement on reverse side.

Domestic * 5 (number of households) Stockwater _____ (number and type of stock)Irrigation * 1 (acres) Other/Remark _____Total rate and/or volume for which proof is submitted 0.07 cfs _____ acre-footShow the date water was first diverted and beneficially used under this permit: May 1, 1985 ✓

Measuring Device: Required? ☐ Yes ☒ No
 Installed? ☐ Yes ☒ No ✓

Fee enclosed \$ 50.00 (Check No. 164196)
 (See License Examination Fee Schedule)

Flow Measurement Port: Required? ☐ Yes ☒ No
 Installed? ☐ Yes ☒ No ✓

Pressure valve might be adaptable to this purpose.

Person to contact to accompany the Department representative during the field examination:

Mr. Bob Choate (509) 482-4870
 (Name) (Telephone Number)

Same as Permit Holder
 (Address)

The above information is a true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

MICROFILMED

JUN 15 1989

February 3, 1989

Date

Fred Shiosaki Fred Shiosaki, Manager, E. S. & H.
 Signature of Permit Holder (and title, if appropriate)

The well, as built, is about 200 feet deep and is equipped with a three-phase, three horsepower pump which delivers 28 gpm (0.07 cfs) at capacity. The well serves potable water to three single family residences, a hydroelectric powerhouse, and up to two temporary residences, as needed. This well has replaced domestic service from a ghiardia contaminated well which remains in service for lawn and garden use.

MicroFILMED

JUN 15 1989

Form 100-1
3-68

STATE OF IOWA
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

This report is to be filed with the Office, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>Mr. J. L. Smith</u> Address <u>123 Main St., Des Moines, IA 50319</u> Owner's Phone No. <u>555-1234</u>	7. WATER LEVEL Static water level <u>12</u> feet below land surface Pumping? ☐ Yes ☒ No GPM flow <u> </u> Artesian character pressure <u> </u> psi Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u> </u> °F Depth of water in well <u> </u> feet																																																												
2. PURPOSE OF WELL ☐ Domestic ☐ Irrigation ☐ Yes ☐ Industrial ☐ Abandoned (describe abandonment procedure such as concrete plug depth, etc. in Remarks log)	8. WELL TEST DATA ☐ Pump ☐ Bore ☐ At ☐ Other <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Flow GPM</th> <th>Pressure</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Flow GPM	Pressure	Remarks																																																									
Flow GPM	Pressure	Remarks																																																											
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Yes ☐ Industrial ☐ Industrial ☐ Stock ☐ Water Supply or Irrigation ☐ Other <u> </u> Specify type	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Depth</th> <th>From</th> <th>To</th> <th>Material</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>25</td><td>heavy gravel</td><td></td></tr> <tr><td>5</td><td>25</td><td>70</td><td>sand & pea gravel</td><td></td></tr> <tr><td>5</td><td>70</td><td>92</td><td>soft gray granite</td><td></td></tr> <tr><td>5</td><td>92</td><td>115</td><td>hard gray ss</td><td></td></tr> <tr><td>5</td><td>115</td><td>132</td><td>soft brown granite</td><td></td></tr> <tr><td>5</td><td>132</td><td>136</td><td>" white "</td><td></td></tr> <tr><td>5</td><td>136</td><td>144</td><td>red hard "</td><td></td></tr> <tr><td>5</td><td>144</td><td>152</td><td>" brown granite</td><td></td></tr> <tr><td>5</td><td>152</td><td>170</td><td>" gray "</td><td></td></tr> <tr><td>5</td><td>170</td><td>185</td><td>soft "</td><td></td></tr> <tr><td>5</td><td>185</td><td>203</td><td>hard gray "</td><td></td></tr> </tbody> </table>	Depth	From	To	Material	Remarks	0	0	25	heavy gravel		5	25	70	sand & pea gravel		5	70	92	soft gray granite		5	92	115	hard gray ss		5	115	132	soft brown granite		5	132	136	" white "		5	136	144	red hard "		5	144	152	" brown granite		5	152	170	" gray "		5	170	185	soft "		5	185	203	hard gray "	
Depth	From	To	Material	Remarks																																																									
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5	185	203	hard gray "																																																										
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Plug ☐ Other <u> </u>	10. RECEIVED JUN 20 1968 DEPARTMENT OF WATER RESOURCES																																																												
5. WELL CONSTRUCTION Casing/liner: ☐ Steel ☐ Concrete ☐ Other Drill pipe: <u>6</u> inches <u>2</u> feet <u>0.5</u> inch Bit: <u>4</u> inches <u>6</u> inch <u>2</u> inch Drilling fluid: ☐ Yes ☐ No Drilling fluid or sealant: ☐ Yes ☐ No Sealant: ☐ Grout ☐ Cement ☐ Tar Seal of construction: <u>7.5</u> inch by <u> </u> inch Sealant: <u> </u> inch by <u> </u> inch Sealant: <u> </u> inch by <u> </u> inch Well casing installed? ☐ Yes ☐ No Manufacturer's name <u> </u> Type <u> </u> Model No. <u> </u> Manufacturer <u> </u> Size dia <u> </u> feet from <u> </u> feet to <u> </u> feet Ground packed? ☐ Yes ☐ No ☐ Size of gravel <u> </u> feet Placed from <u> </u> feet to <u> </u> feet Sealing material: ☐ Material used in test: ☐ Cement grout ☒ Grout ☐ Pudding clay ☐ Other Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☐ Overhaul to test depth Method of joining casing: ☐ Threaded ☐ Welded ☐ Bolted ☐ Weld ☐ Connected between shaft Sealing status part <u>well cap</u>	11. DRILLER'S CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the report was prepared. For Name <u>James H. Miller</u> Firm No. <u>360</u> Address <u>Box 1, North Lake, IA 50319</u> Signed by <u>James H. Miller</u> (Signature)																																																												
6. LOCATION OF WELL Sketch map location <u> </u> agree with address location. Subdivision Name <u> </u> Lot No. <u> </u> Block No. <u> </u> County <u> </u> State <u> </u>	12. WORK PERIOD Work started <u>3-23-68</u> Finished <u>3-27-68</u>																																																												

Invoice No.

Date

Amount

Gross Amount

Net Amount

011989 74528

WATER PERMIT 9508432

50.00

50.00

Check No.

Date

Amount

Vendor Name

Total Amount

-S- 164196 012789 801490

STATE OF IDAHO

50.00

WASHINGTON WATER POWER CO.
E. 1411 MISSION AVE.
P.O. BOX 3727
SPOKANE, WA 99220

December 31, 1988

138869

PROOF DUE NOTICE

RE: PERMIT NO. 95-08432

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before March 1, 1989. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

MICROFILMED

JUN 15 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

WASHINGTON WATER POWER CO.
E. 1411 MISSION AVE.
P.O. BOX 3727
SPokane, WA 99220

MARCH 28, 1984

RE: PERMIT NO. 95-8432

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

THE 1982 IDAHO LEGISLATURE ADDED A REQUIREMENT THAT AS A PERMIT HOLDER YOU MUST COMMENCE THE EXCAVATION OR CONSTRUCTION OF DIVERTING WORKS WITHIN ONE YEAR OF THE DATE THE PERMIT WAS ISSUED, AND YOU MUST PROCEED DILIGENTLY UNTIL THE PROJECT IS COMPLETED. THE ENCLOSED BLUE CARD MUST BE COMPLETED AND RETURNED TO THIS OFFICE AS SOON AS YOU COMMENCE CONSTRUCTION, NO LATER THAN ONE YEAR FROM THE DATE THE PERMIT WAS APPROVED.

WE HAVE ENCLOSED INSTRUCTIONS ENTITLED "MAKING PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE

APR 11 1984

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: gl

APPLICATION NUMBER: 95-8432

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising.
Final date for protests: 2/27/84
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 2/1/84
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☐ No Will water be delivered by watermaster? If yes, what district? _____
☒ 1/30/84 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: gl

Date: 2/29/84

STATE OFFICE REVIEW:

L17

26

- ☐ See attached sheet for more information.

By: kw

Date: 3/6/84

Department of Water Resources

MICROFILMED

95-8432

WASHINGTON WATER POWER CO.

E. 1411 MISSION AVE., P.O. BOX 3727, SPOKANE, WA 99220

Source: GROUNDWATER

Date Filed: 01/30/1984

Diversion Pt: SNNE Sec 04 T 50N R 05W

Use: IRRIGATION	(0.03 CFS)
DOMESTIC	(0.08 CFS)

In: SNNE Sec 04 T 50N R 05W FOR 1 ACRES