

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

Ronald A. Kasel
Ronald A. Kasel (Applicant)



DIAGRAM FOR: Mr. Ron KaseL
Mr. Jack Witherspoon

02 MARCH 1970
TURKINE

POWDER FACTOR
CORRECTION CAP.

SELECTOR SW.

AND METER

SENTENCE

RECEIVED
FEB 24 1964

PHASE FOUR
PRELIMINARY

OVERLOAD

AUTO 5 AUT 1000

OVER - 2-11-60

FRIDAY
REFLECT

PHASE FAILURE
RELEASED

STOPPED
CLERK
BREAKER

MICROFILMED

INTAKE STRUCTURE

2' X 10' OVERTFLOW

30" CANAL GATES

30" DIP 24" WALL THICKNESS

11'10" 1/2" E. 30"

PERMANENT

IMPORTED

SPARE

SPARE

150 KW

150 KW

150 KW

150 KW

150 KW

150 KW

MECHANICAL ROOM



Affidavit of Publication

Nº 9845

STATE OF IDAHO,)
COUNTY OF TWIN FALLS) ss.

I, Linda Capps McBaine being first duly sworn upon oath, depose and say that I am Print Clerk of the TIMES-NEWS, published daily, at Twin Falls, Idaho, and do solemnly swear that a copy of the notice of advertisement, as per clipping attached, was published in the regular and entire issue of said newspaper, and not in any supplement thereof, for Two consecutive Weeks, commencing with the issue dated December 18, 19 80, and ending with the issue dated December 25, 19 80.

And I do further certify that said newspaper is a consolidation, effective February 16, 1942, of the Idaho Evening Times, published theretofore daily except Sunday, and the Twin Falls News, published theretofore daily except Monday, both of which newspapers prior to consolidation had been published under said names in said city and county continuously and uninterruptedly during a period of more than twelve consecutive months, and said TIMES-NEWS, since such consolidation, has been published as a daily newspaper except Saturday, until July 31, 1978, at which time said newspaper began daily publication under said name in said city and county continuously and uninterruptedly.

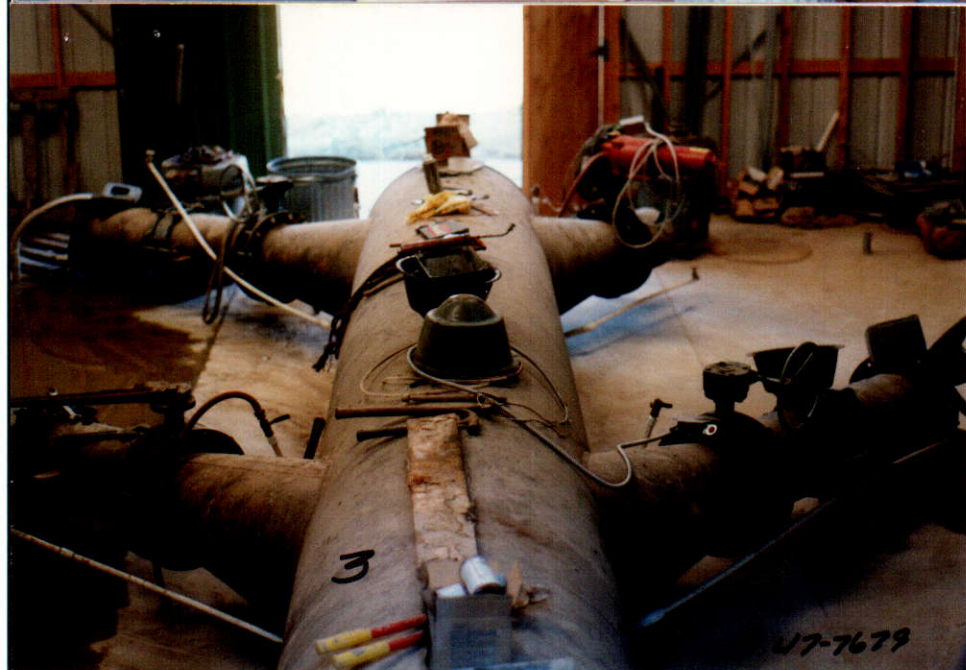
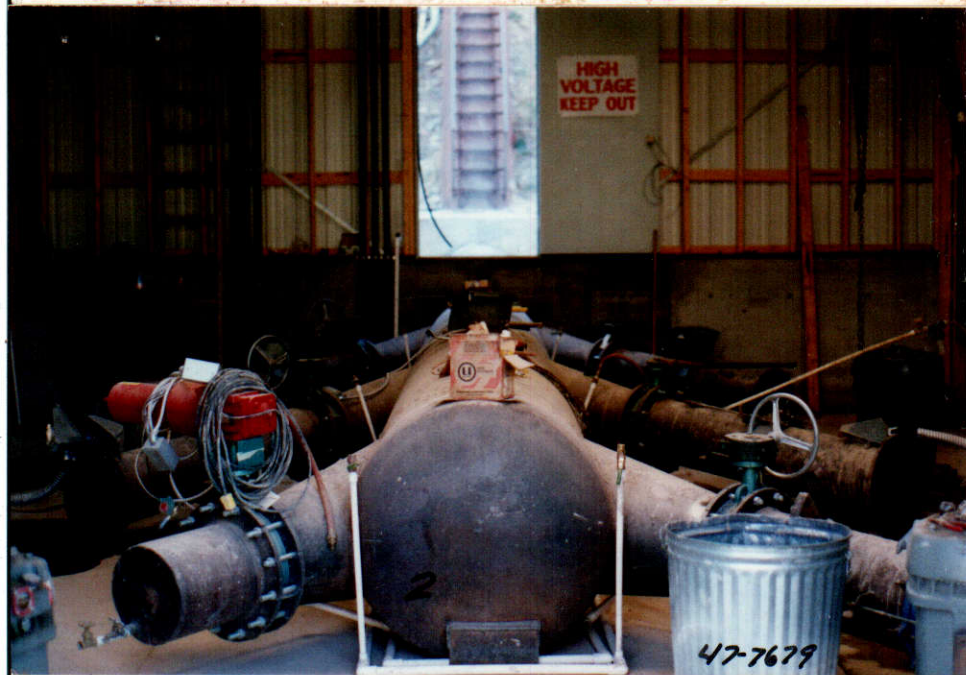
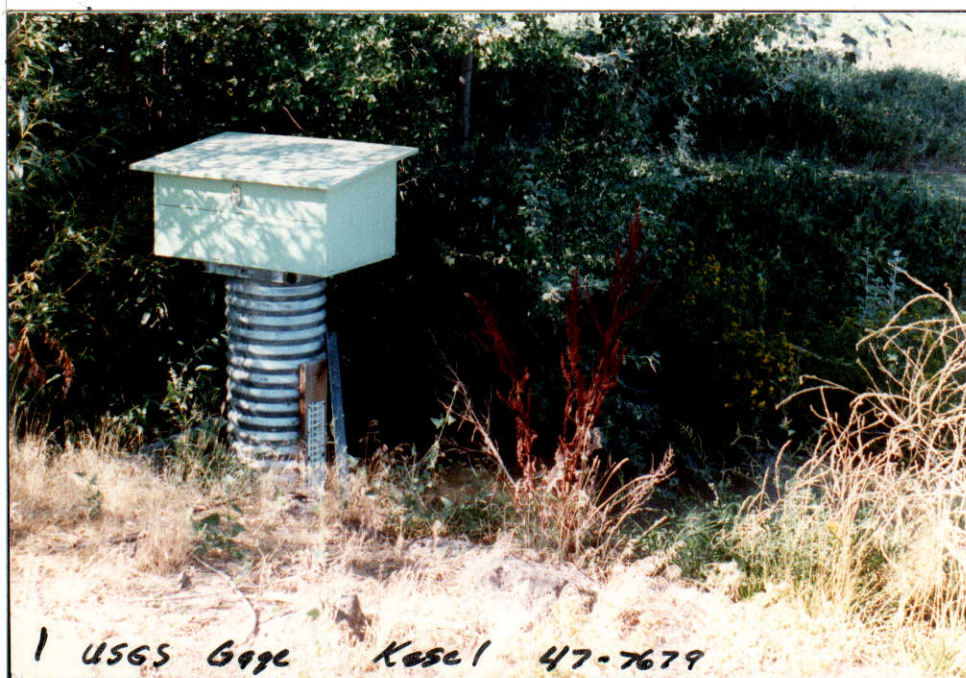
And I further certify that pursuant to Section 60-108 Idaho Code, Thursday of each week has been designated as the day on which legal notice by law or by order of any court of competent jurisdiction within the state of Idaho, to be published weekly, will be published; and that at the head of the editorial column of said combined newspapers, and in each issue thereof, Thursday is announced as the day on which said legal notices will be published.

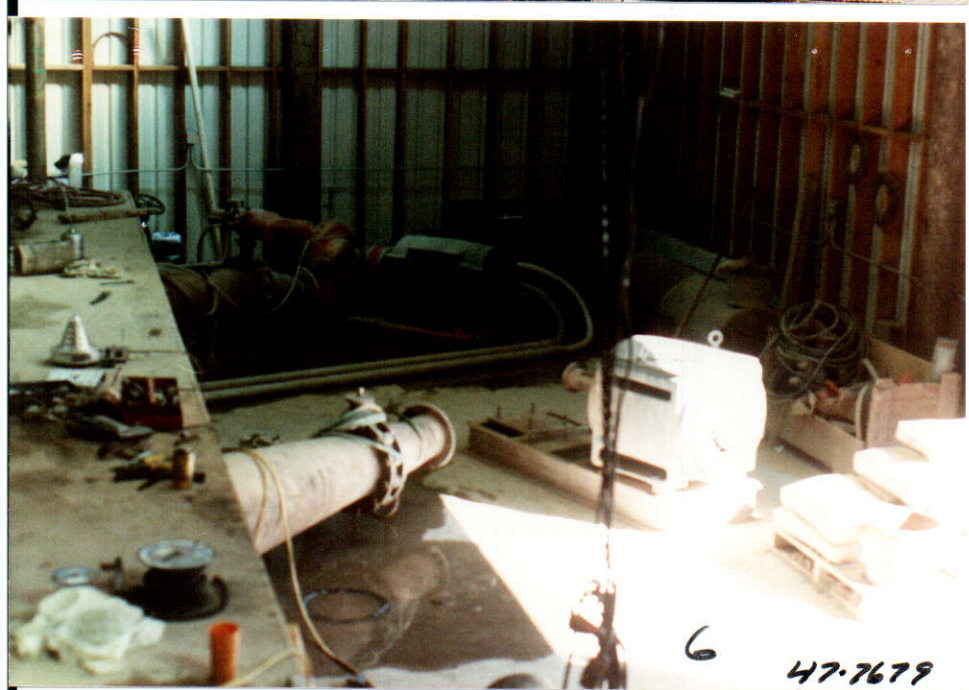
Linda Capps McBaine
Subscribed and sworn to before me on this 30 day of

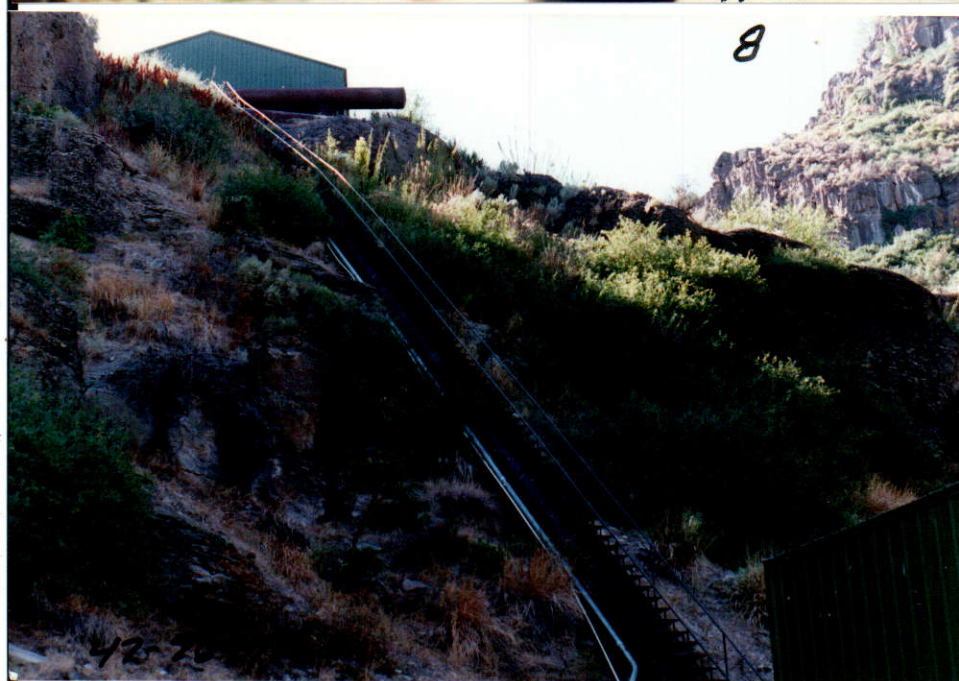
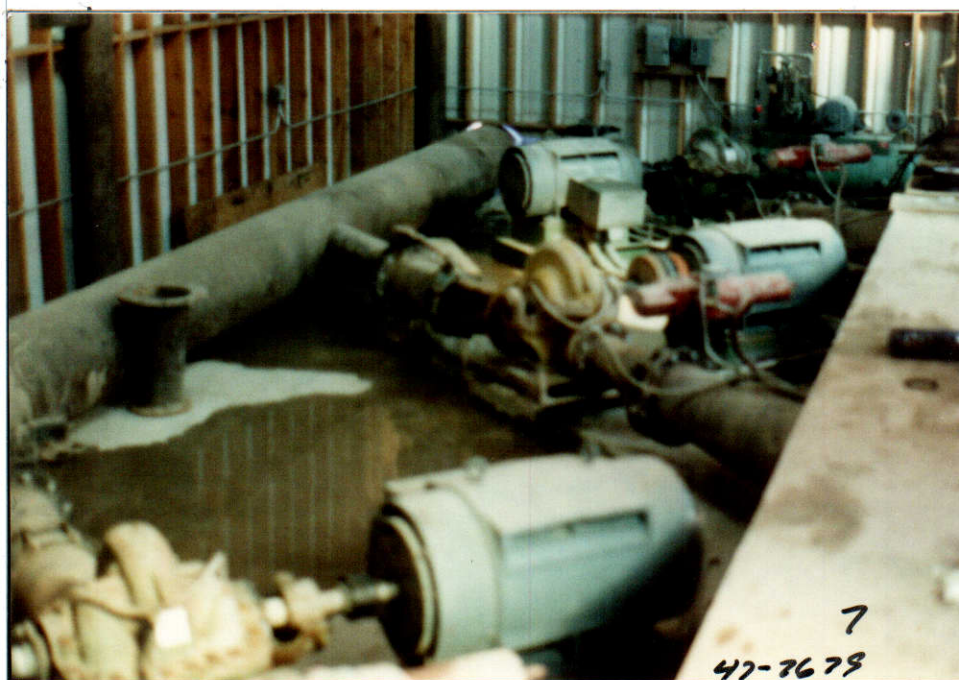
December 19 80
Mella Rowlett-Smith
Notary Public in and for the County of Twin Falls,
State of Idaho, residing at Twin Falls, Idaho

47-7679
KASEL, RONALD A.
RT. 3, TWIN FALLS, ID 83301
Source: SPRINGS tributary
to SNAKE RIVER
TWIN FALLS CANAL CO.
WATERWAY tributary to
SNAKE RIVER
Date Filed: 12/01/1980
Amount: 30.00 CFS
Diversion Point: LOT 06
(SESW) Sec 35 T 09S R
17E, TWIN FALLS Co.
Use: POWER (30.00 CFS)
from 01/01 to 12/31
Place of Use: LOT 16
(SWSW) LOT 17 (SWSW)
Sec 35 T 09S R 17E
Diversion Means:
HEADWORKS AND
PENSTOCK GENERATING PLANT

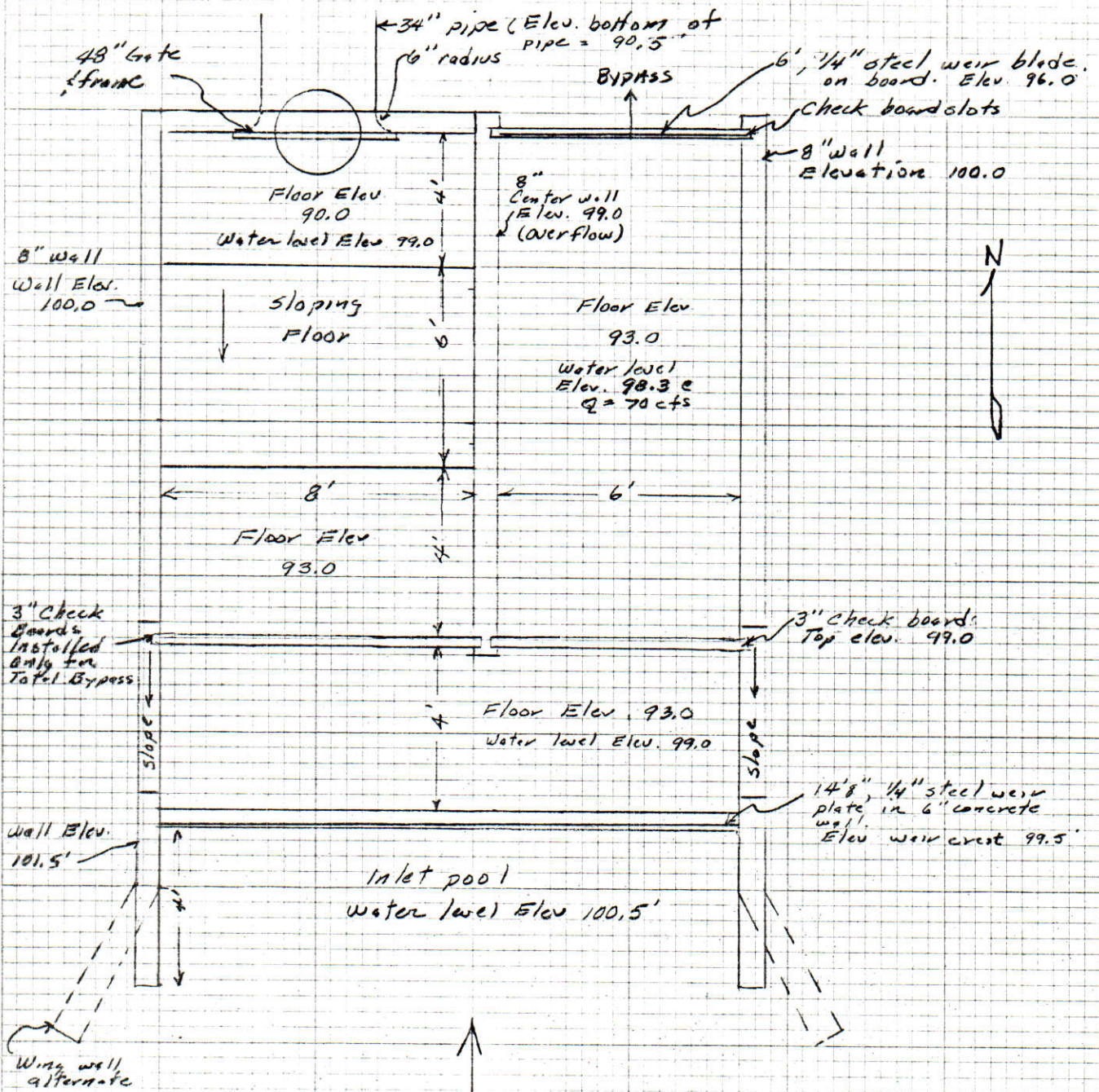
REC'D
MICROFILMED
JAN 1981
Department of Water Resources
Southern District Office









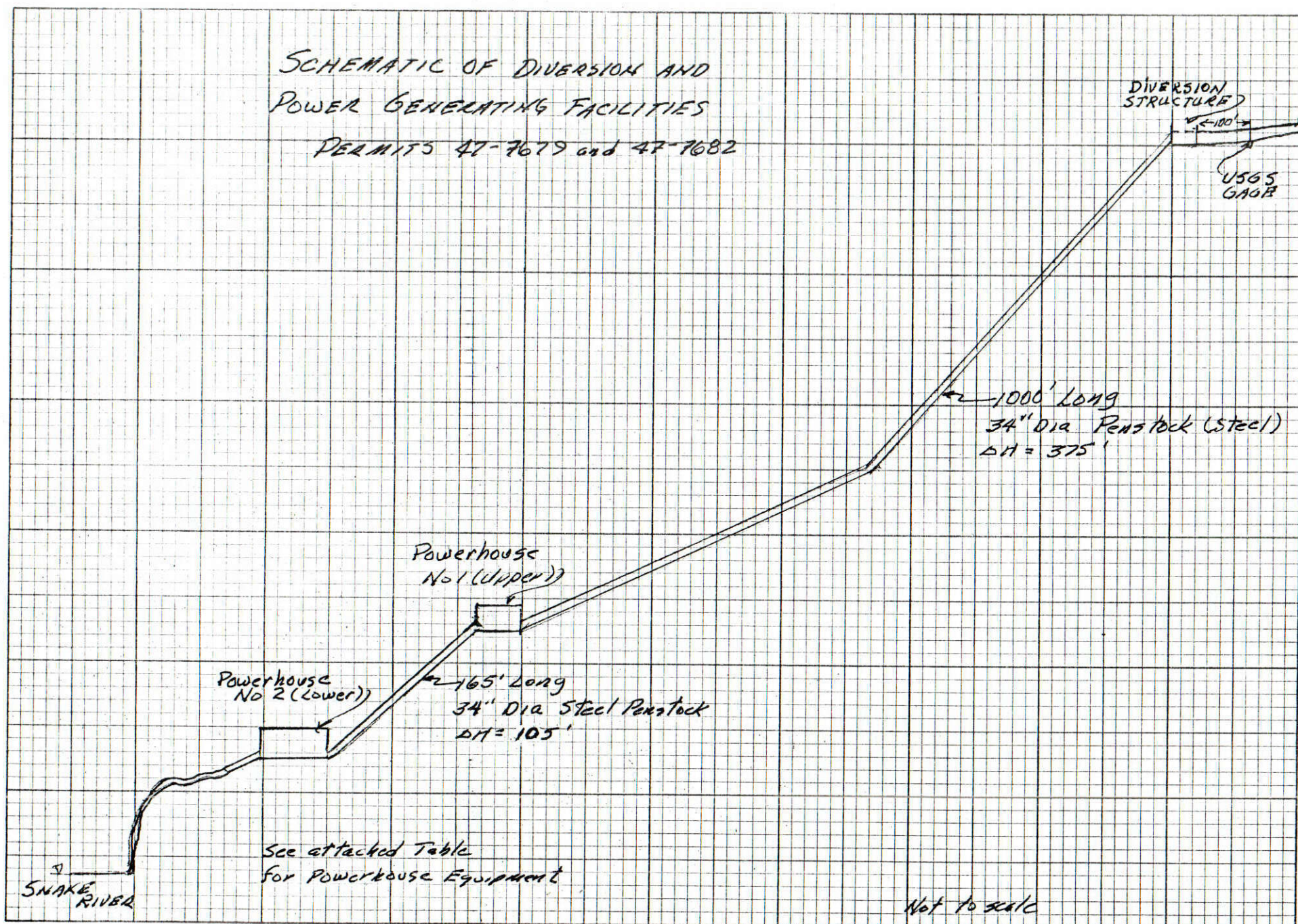


KASEH-WITHERSPOON HYDRO
INLET STRUCTURE
NOT TO SCALE

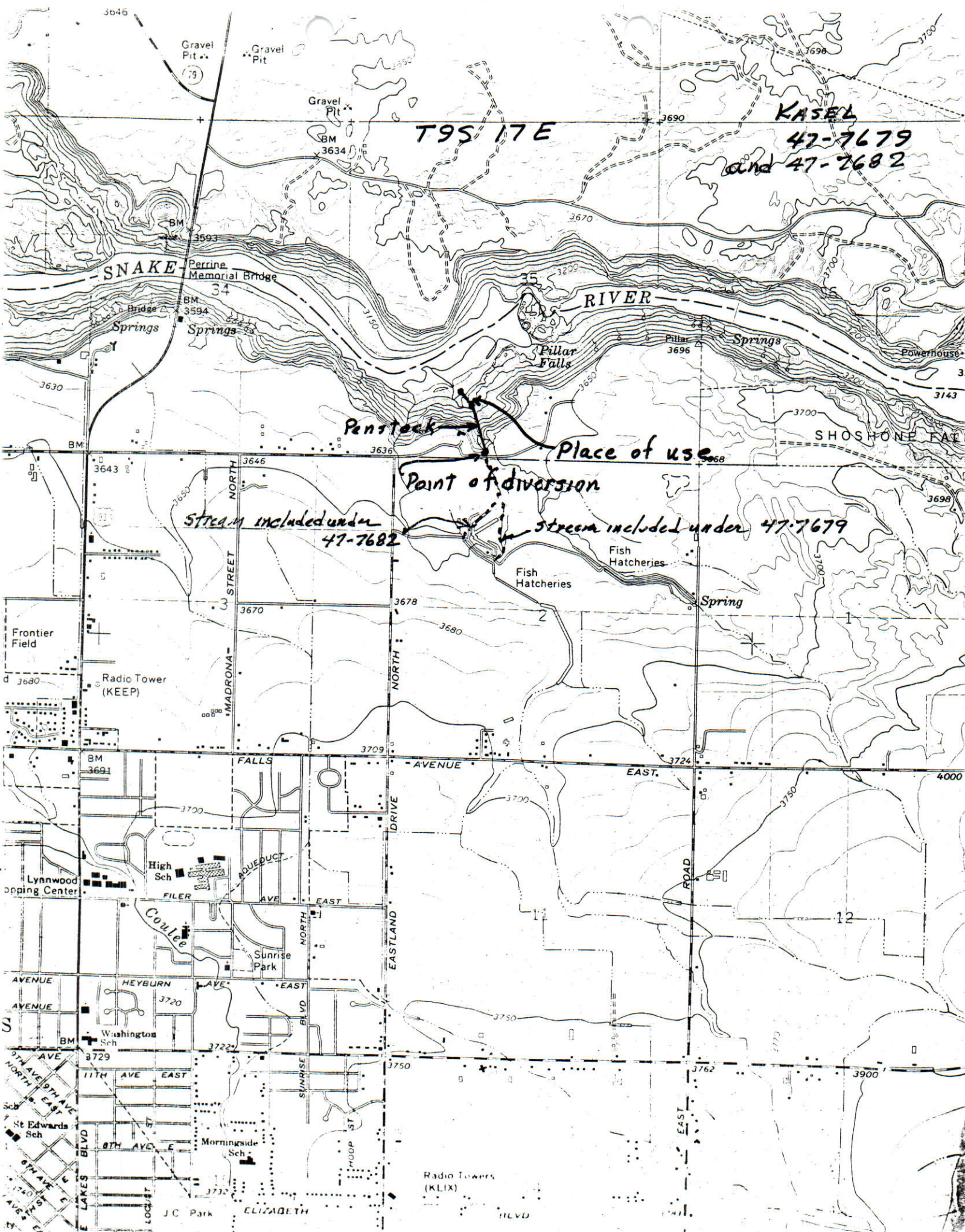
Design Discharge 45 cfs in pipe
70 cfs maximum

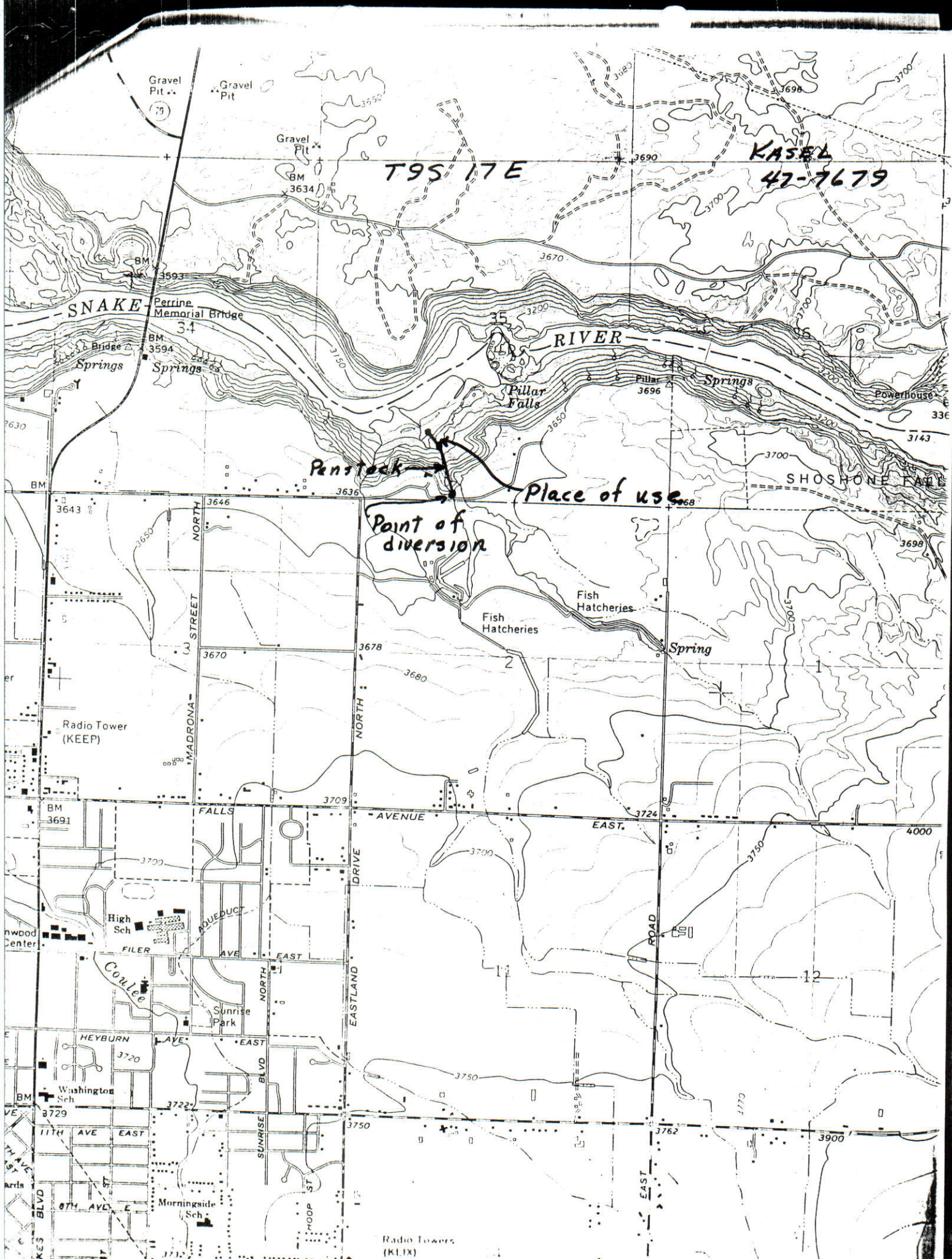
CEB 8/23/93

SCHEMATIC OF DIVERSION AND
POWER GENERATING FACILITIES
PERMITS 47-7679 and 47-7682



CAS 9/85





Overflow weir (board) depth $\approx 2"$
 Board $2"$ wide - long $84.14'$

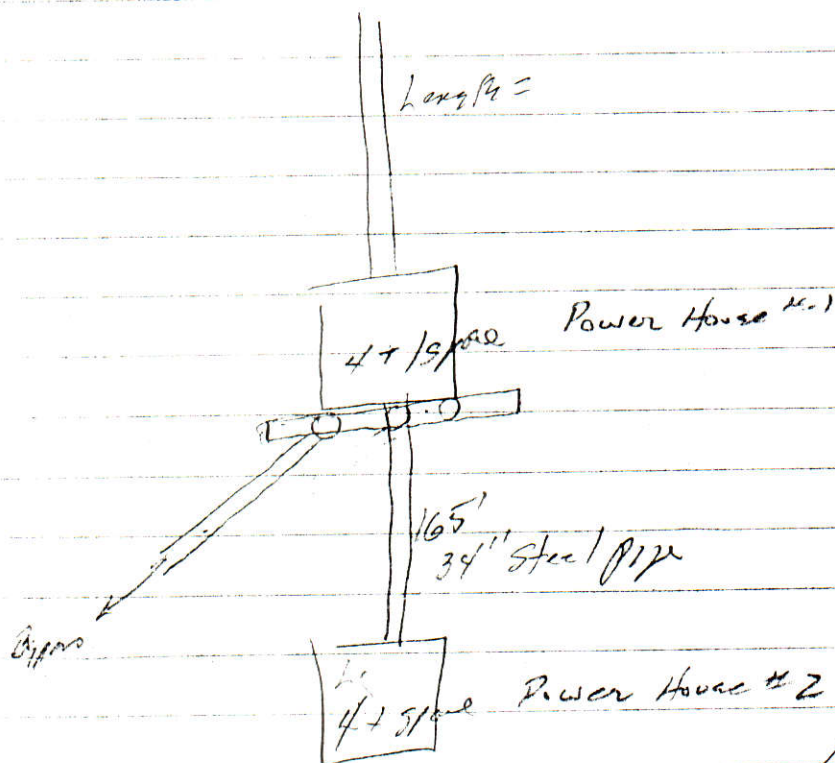


Photo #1

Geggs Sta.

Photo 2 & 3

Inside upper
power house.

Photo 4

exterior of
upper power
house

photo 5

Looking up pipe

from power house #1

Photo 6 & 7

Inside lower

power house.

Photo 8

Looking up to

Power house #1 from

Power house #2 (lower)

105' drop - upper to
lower

Upper Plant - 4 @ 12 cts each 312 Kw

375' drop - source to upper
plant.

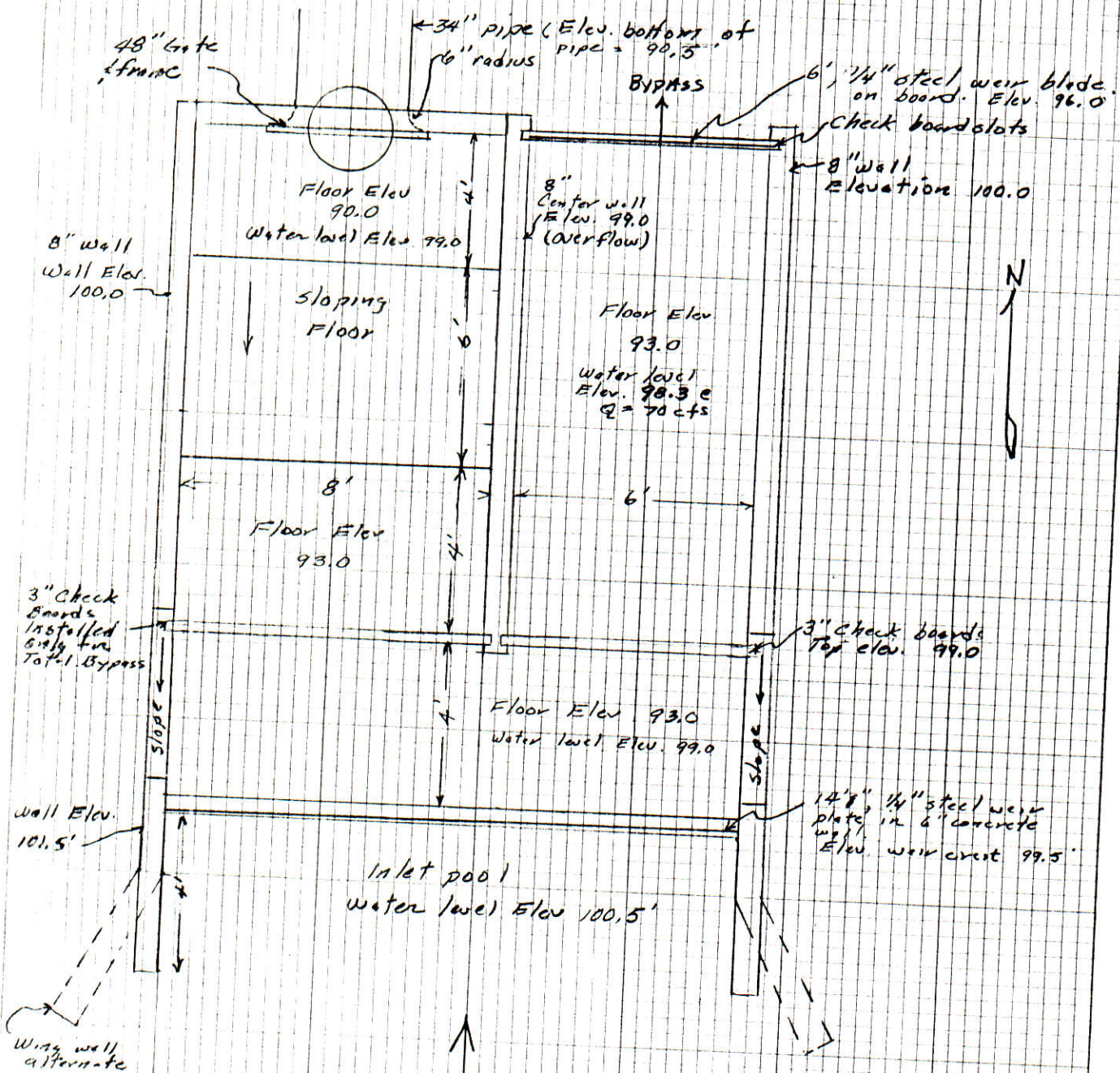
Lower Plant 4 @ Pcts. each 56 Kw

Kawel 9/4/87

Photos 9, 10, 11, 12

inlet works.

$\frac{1}{2}$ pipe



KASSEL-WITHERSPOON HYDRO

INLET STRUCTURE

NOT TO SCALE

Design Discharge 45 cfs in pipe
70 cfs maximum

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

K-W Company

Project No. 6410-000

NOTICE OF APPLICATION FOR EXEMPTION FOR SMALL
HYDROELECTRIC POWER PROJECT UNDER 5 MW CAPACITY
(July 30, 1982)

Take notice that on June 7, 1982, K-W Company (Applicant) filed an application, under Section 408 of the Energy Security Act of 1980 (Act) (16 U.S.C. §§2705, and 2708 as amended), for exemption of a proposed hydroelectric project from licensing under Part I of the Federal Power Act. The proposed small hydroelectric Project No. 6410 would be located on an unnamed stream channel formed by run-offs from a spring, seepage water, and waste irrigation water in Twin Falls County, near the City of Twin Falls, Idaho. Correspondence with the Applicant should be directed to: K-W Company, Route 6, Twin Falls, Idaho 83301, with a copy to: John A. Kosholt, Esquire, P.O. Box 1906, Twin Falls, Idaho 83301.

Project Description - The proposed project would consist of: (1) an intake structure; (2) a 1440-foot-long, 30-inch diameter penstock; (3) a powerhouse with a proposed installed capacity of 1.0 MW operating under a head of 140 feet; and (4) a 1,500-foot-long transmission line. The estimated average annual generation is 10.9 million kWhs.

Purpose of Exemption - An exemption, if issued, gives the Exemptee priority of control, development, and operation of the project under the terms of the exemption from licensing, and protects the Exemptee from permit or license applicants that would seek to take or develop the project.

Agency Comments - The U.S. Fish and Wildlife Service, The National Marine Fisheries Service, and the Idaho Department of Fish and Game are requested, for the purposes set forth in Section 408 of the Act, to submit within 60 days from the date of issuance of this notice appropriate terms and conditions to protect any fish and wildlife resources or to otherwise carry out the provisions of the Fish and Wildlife Coordination Act. General comments concerning the project and its resources are requested; however, specific terms and conditions to be included as a condition of exemption must be clearly identified in the agency letter. If an agency does not file terms and conditions within this time period, that agency will be presumed to have none. Other Federal, State, and local agencies are requested to provide any comments they may have in accordance with their duties and responsibilities. No other formal requests for comments will be made. Comments should be confined to substantive issues relevant to the granting of an exemption. If an agency does not file comments within 60 days

Project No. 6410-000

-2-

from the date of issuance of this notice, it will be presumed to have no comments. One copy of an agency's comments must also be sent to the Applicant's representatives.

Competing Applications - Any qualified license applicant desiring to file a competing application must submit to the Commission, on or before SEP 2 0 1982, either the competing license application that proposes to develop at least 7.5 megawatts in that project, or a notice of intent to file such a license application. Submission of a timely notice of intent allows an interested person to file the competing license application no later than 120 days from the date that comments, protests, etc. are due. Applications for preliminary permit will not be accepted.

A notice of intent must conform with the requirements of 18 C.F.R. §4.33(b) and (c) (1980). A competing license application must conform with the requirements of 18 C.F.R. §4.33(a) and (d) (1980).

Comments, Protests, or Petitions to Intervene - Anyone may submit comments, a protest, or a petition to intervene in accordance with the requirements of the Rules of Practice and Procedure, 18 C.F.R. §1.8 or §1.10 (1980). In determining the appropriate action to take, the Commission will consider all protests or other comments filed, but only those who file a petition to intervene in accordance with the Commission's Rules may become a party to the proceeding. Any comments, protests, or petitions to intervene must be received on or before SEP 2 0 1982.

Filing and Service of Responsive Documents - Any filings must bear in all capital letters the title "COMMENTS", "NOTICE OF INTENT TO FILE COMPETING APPLICATION", "COMPETING APPLICATION", "PROTEST", or "PETITION TO INTERVENE", as applicable, and the Project Number of this notice. Any of the above named documents must be filed by providing the original and those copies required by the Commission's regulations to: Kenneth F. Plumb, Secretary, Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426. An additional copy must be sent to: Fred E. Springer, Chief, Applications Branch, Division of Hydropower Licensing, Federal Energy Regulatory Commission, Room 208 RB at the above address. A copy of any notice of intent, competing application, or petition to intervene must also be served upon each representative of the Applicant specified in the first paragraph of this notice.

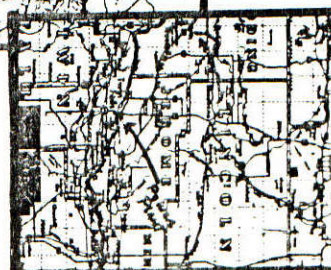
Kenneth F. Plumb
Secretary

DC-A-2

T 95, R 17E Sec. 35



Kasel-Miherspoon
Project No. 6410
Twin Falls County
IDAHO



RECEIVED
SEP 2 0 1982

R. 17 E.B.M

195 Boise Meridian
ID. south B.E. L. 195

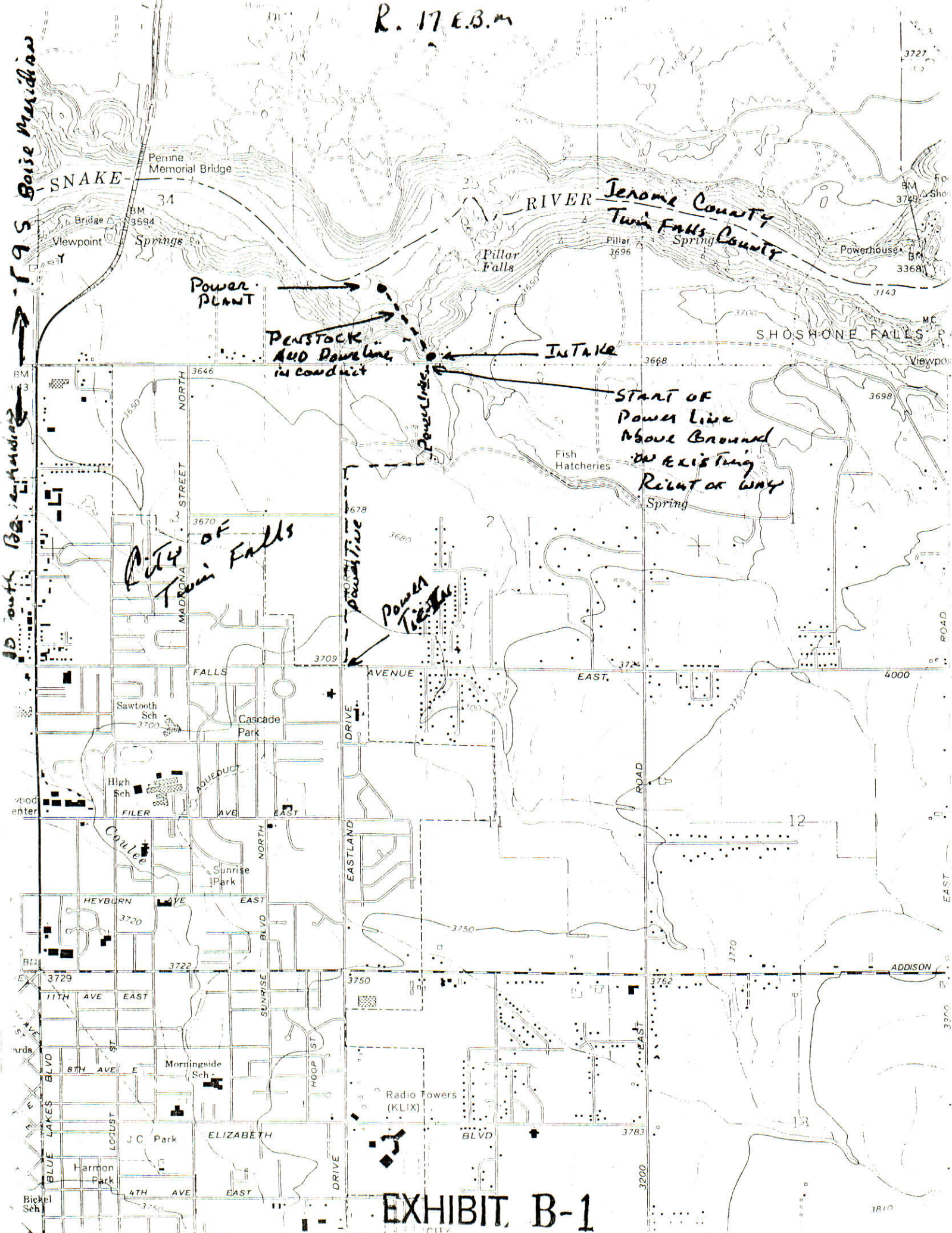


EXHIBIT B-1

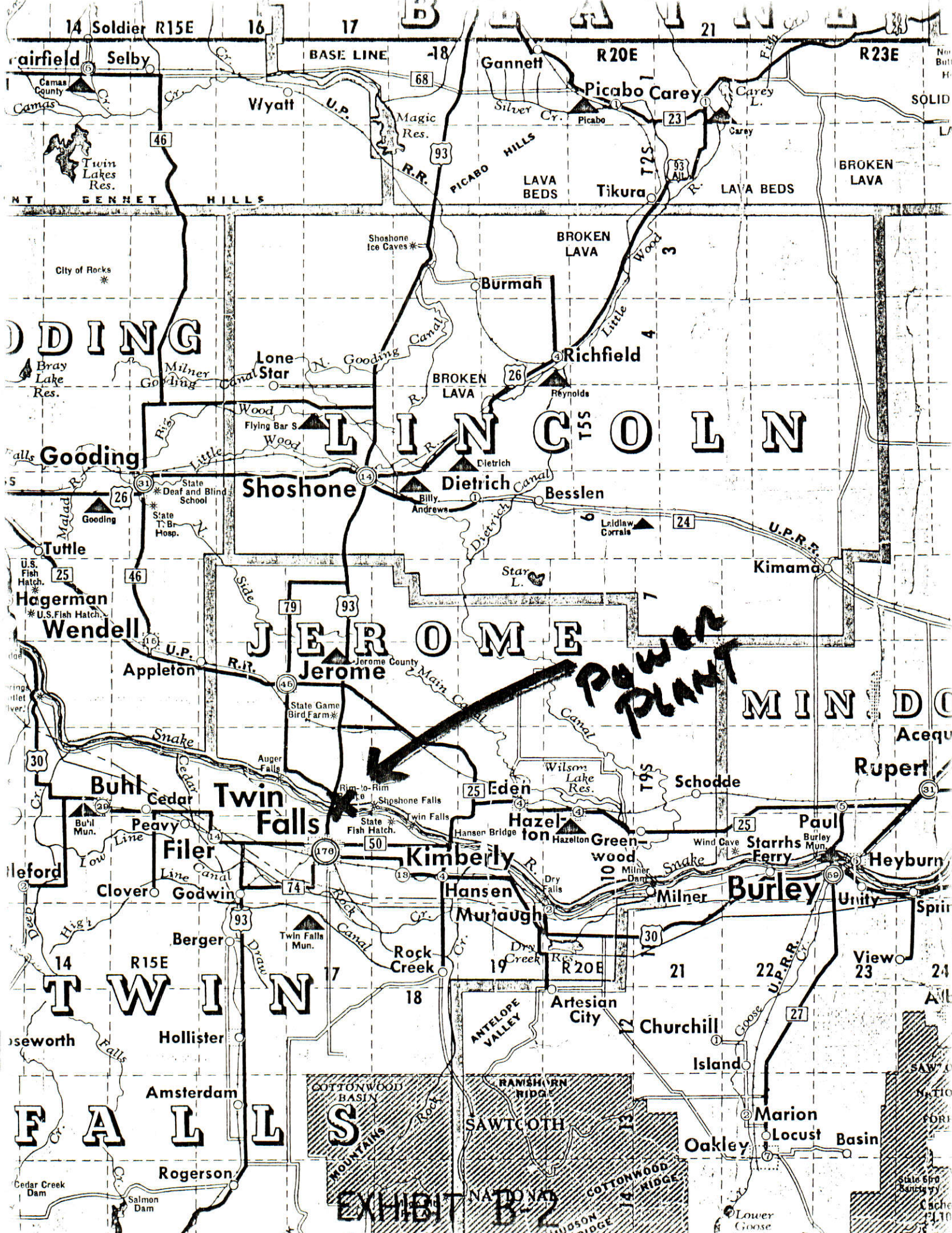


EXHIBIT B-2

KASEL AND WITHERSPOON HYDRO-ELECTRIC PROJECT
ENTIRELY PRIVATE LAND.
PLOT DIAGRAM

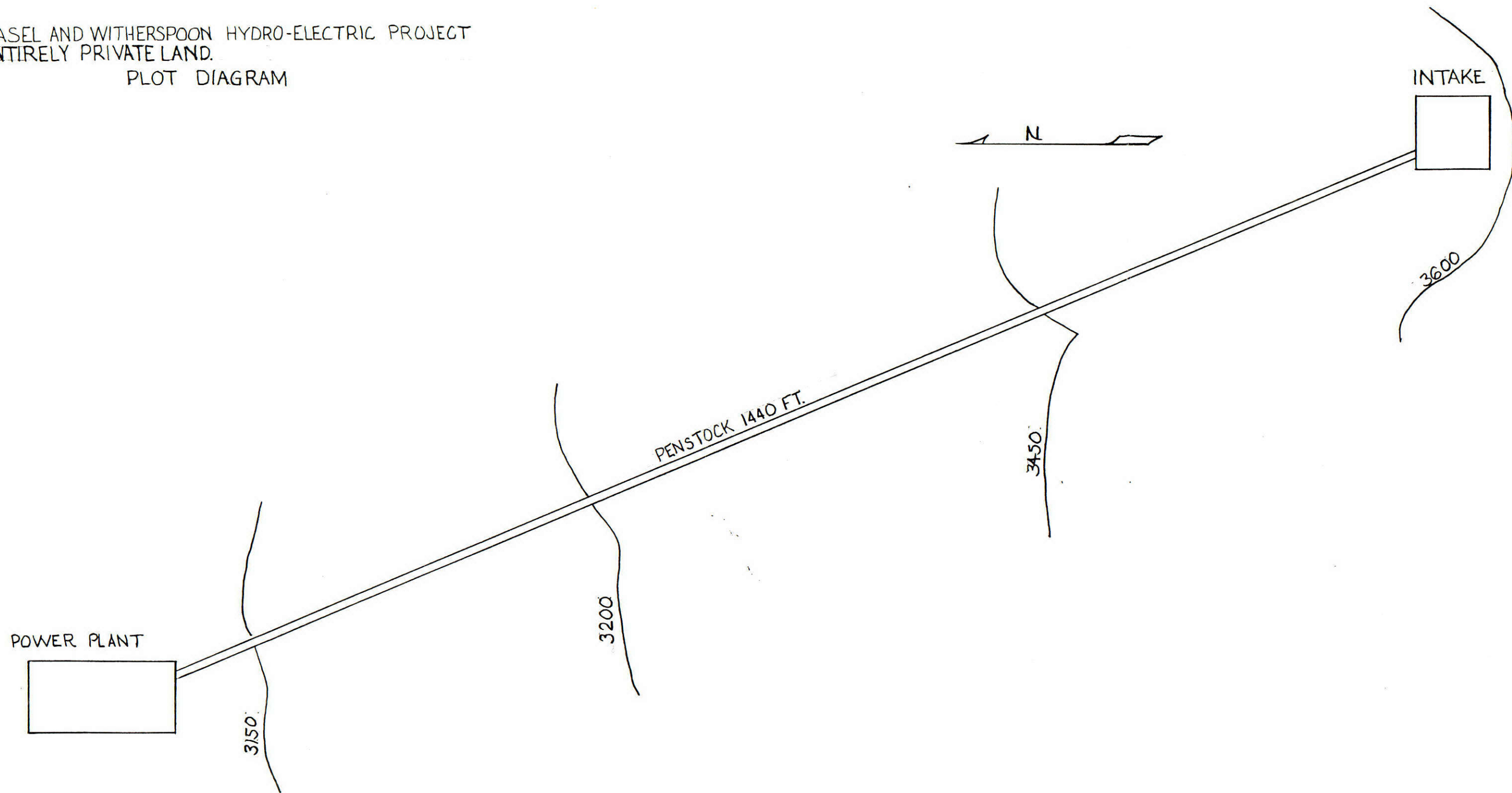
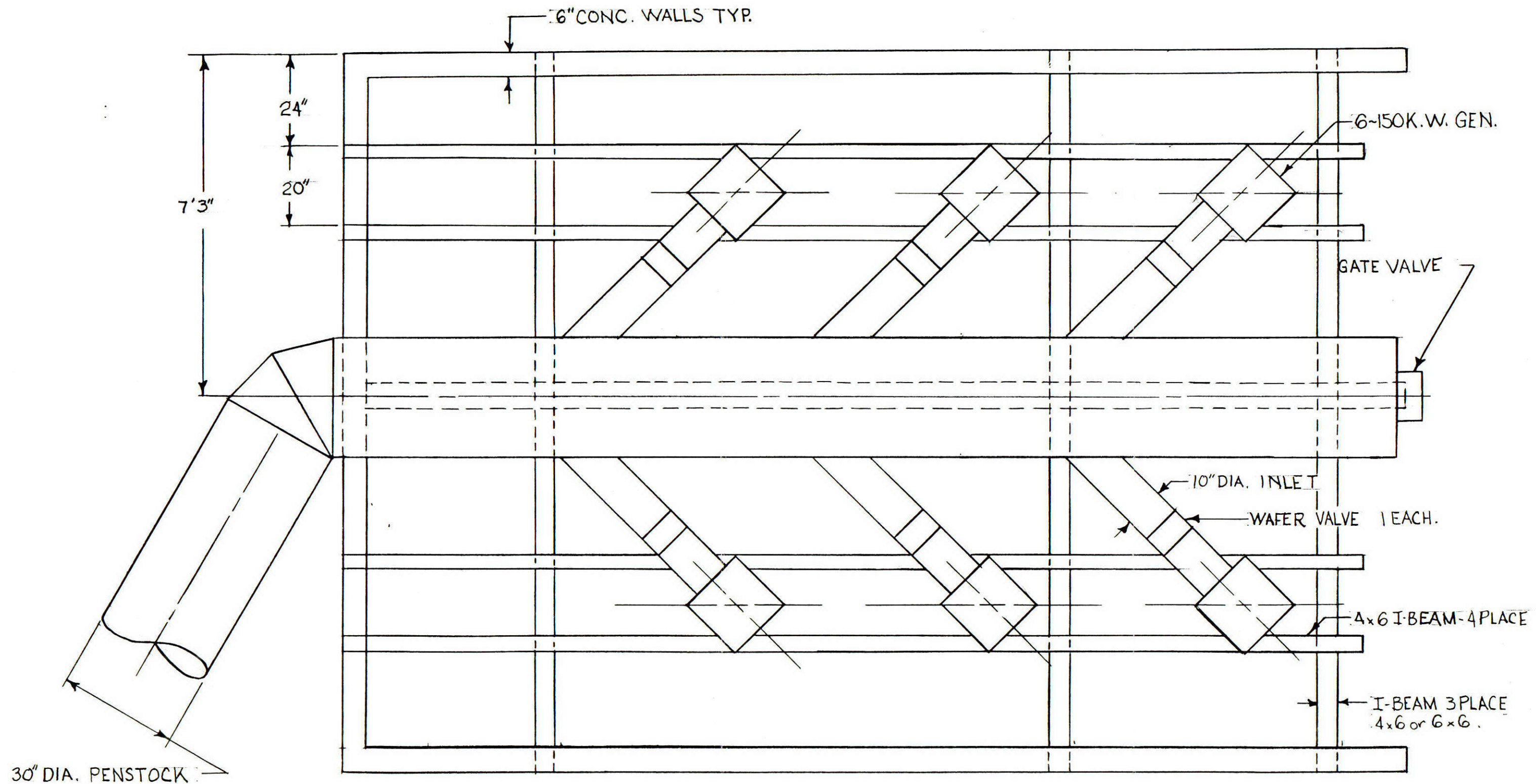


EXHIBIT G-1

IDAHO PUMP SUPPLY TWIN FALLS, IDAHO		
KASEL & WITHERSPOON		SCALE: N.T.S.
NO. 3 of	DATE: 11-30-81	BY: T. Jones

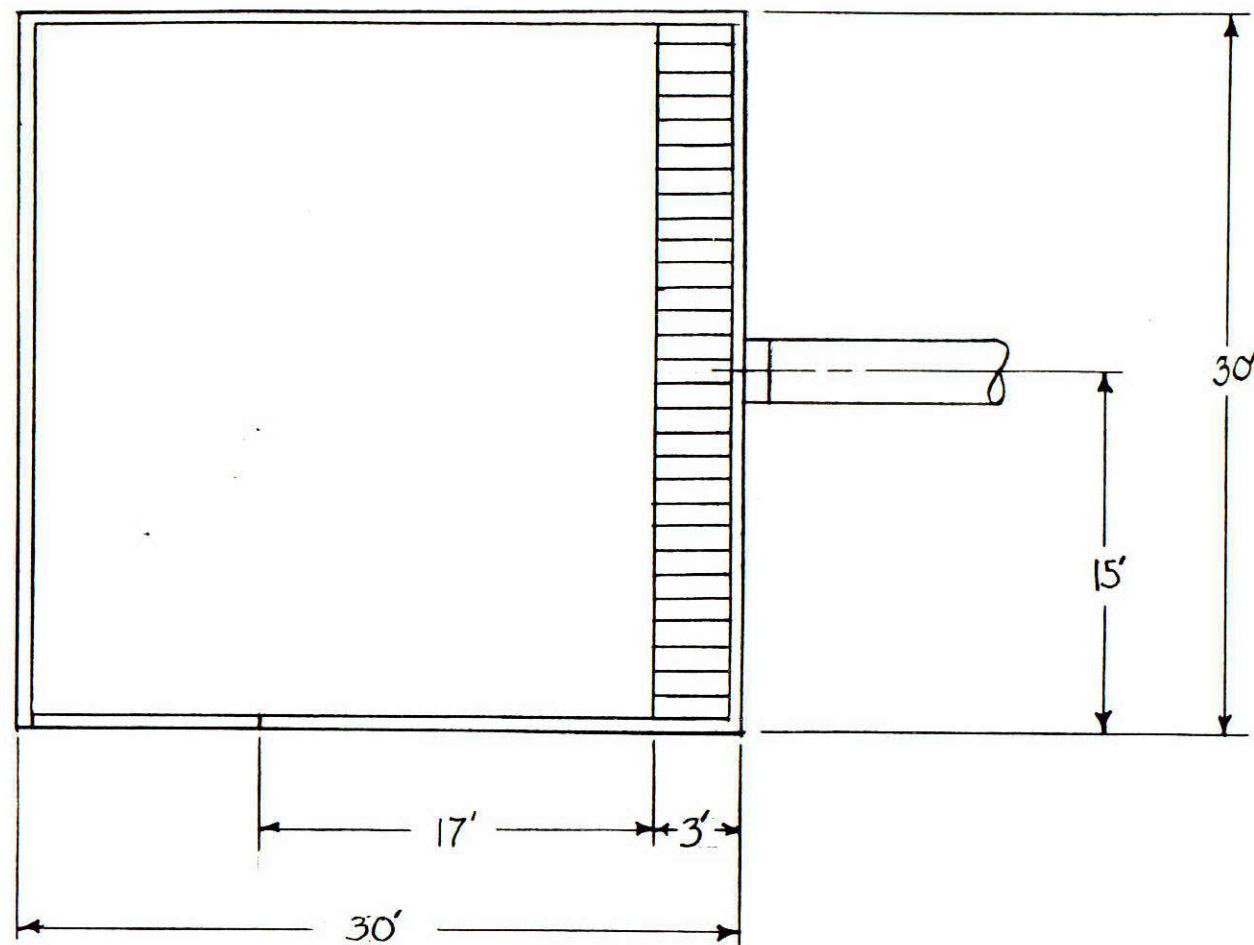


TURBINE BASE. SUPPORT STRUCTURE
~TOP VIEW~

IDAHO PUMP SUPPLY
TWIN FALLS, IDAHO

KASEL & WITHERSPOON

SCALE: $\frac{1}{2}" = 1'$



NOTE: INTAKE STRUCTURE
TRASH RACK IS WELDED STEEL

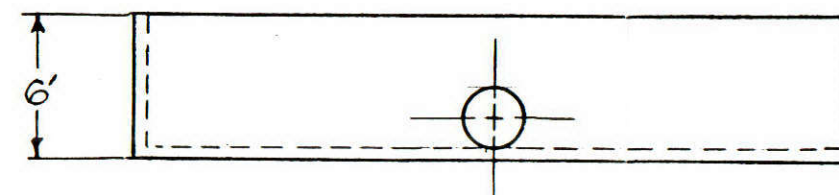
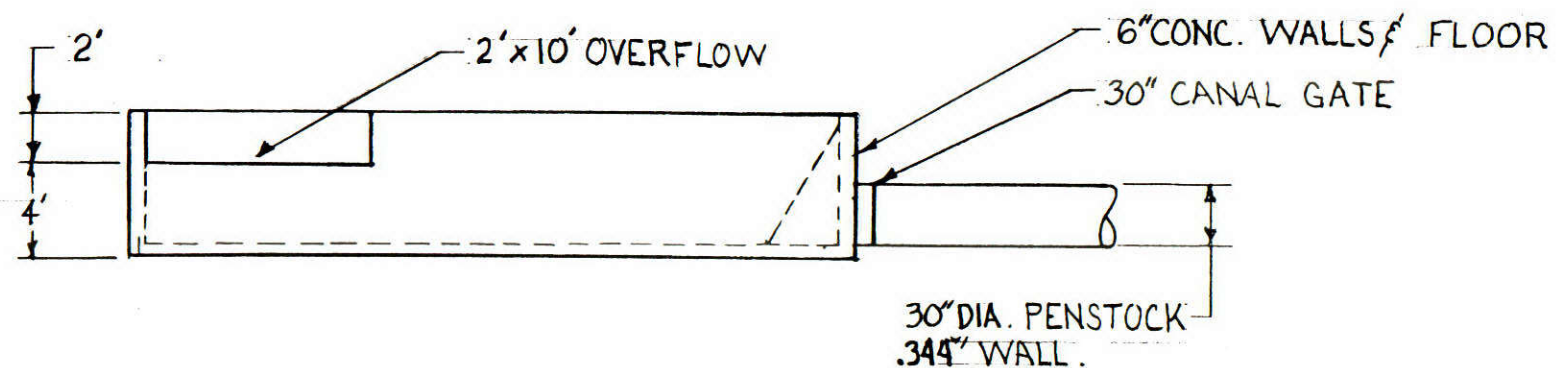


EXHIBIT G-3

IDAHO PUMP SUPPLY TWIN FALLS, IDAHO		
KASEL & WITHERSPOON		SCALE: $\frac{1}{8}" = 1'$
NO. 2 of	DATE: 11-30-81	BY: T. Jones

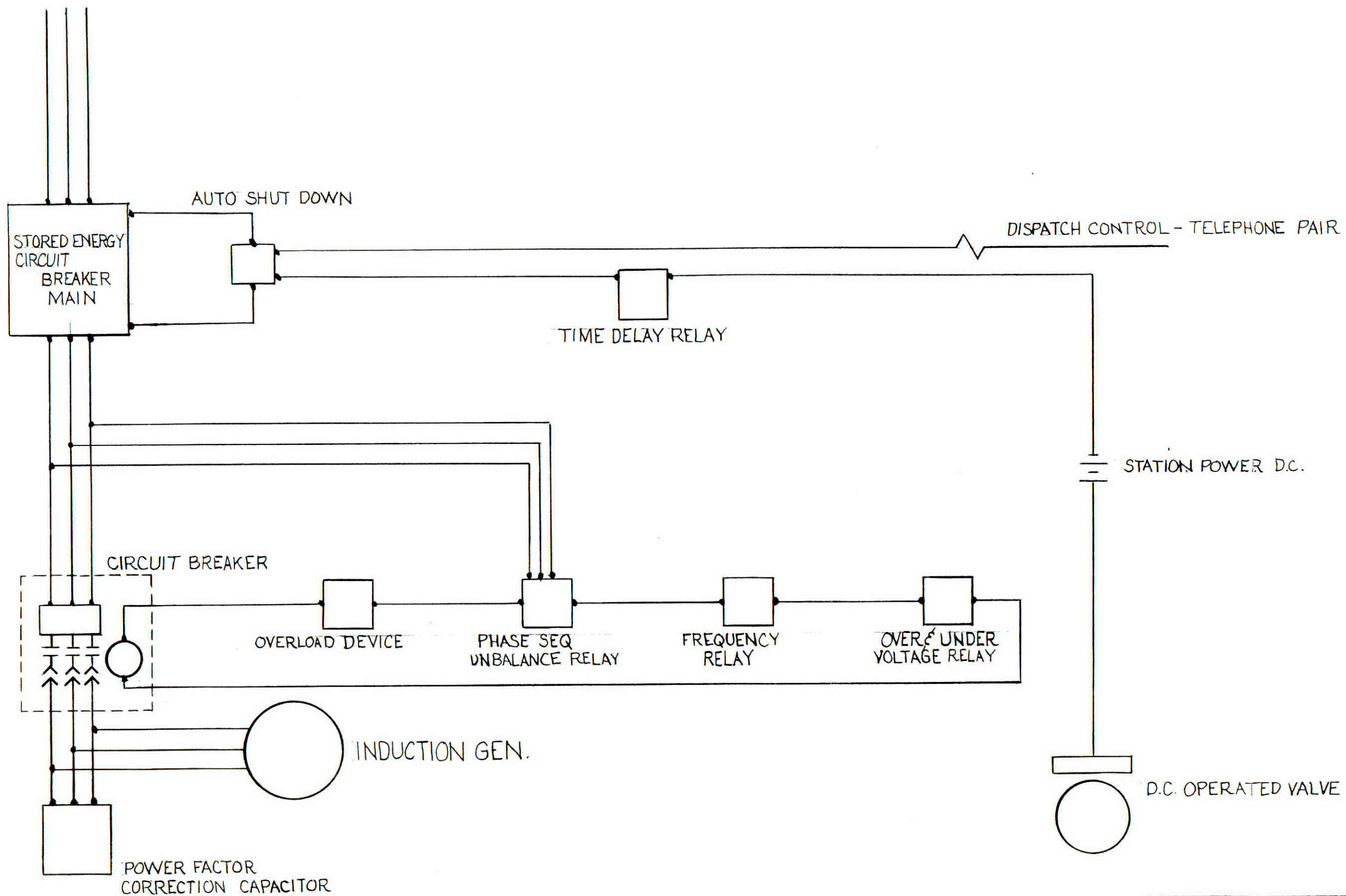


EXHIBIT G-3-1

IDAHO PUMP SUPPLY		
TWIN FALLS, IDAHO		
TYP. - ELECTRICAL BLK.		SCALE N.T.S.
NO.	DATE: 11-23-81	BY: T.T.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Ronald A. Kasel Phone (208) 733-1503

Post office address Route #6, Twin Falls, Idaho 83301
Springs and Twin Falls

2. Source of water supply Canal Company Waterway which is a tributary of Snake River

3. Location of point of diversion is SE ^(Gov't Lot 6) $\frac{1}{4}$ of SW ^{Adm} $\frac{1}{4}$ of Section 35 Township 9 South

Range 17 E.B.M. Twin Falls County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 30 cfs for power purposes from Jan. 1 to Dec. 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)

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

5. Total quantity to be appropriated:

a. 30 cfs cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Headworks, penstock and generating
plant.

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 _____ inches; proposed depth of well is _____ 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: (Gov't. Lots 16 & 17) Adm

a. If water is not for irrigation:

(1) Give the place of use of water: SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 35 Township 9 South
Range 17 E. B.M.

(2) Amount of power to be generated: 834 horsepower under 350 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 _____

(5) If water is to be used for other purposes describe: _____

MICROFILMED

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. None.

9. a. Who owns the property at the point of diversion Applicant - Twin Falls Canal Company owns
Spillway Easement.

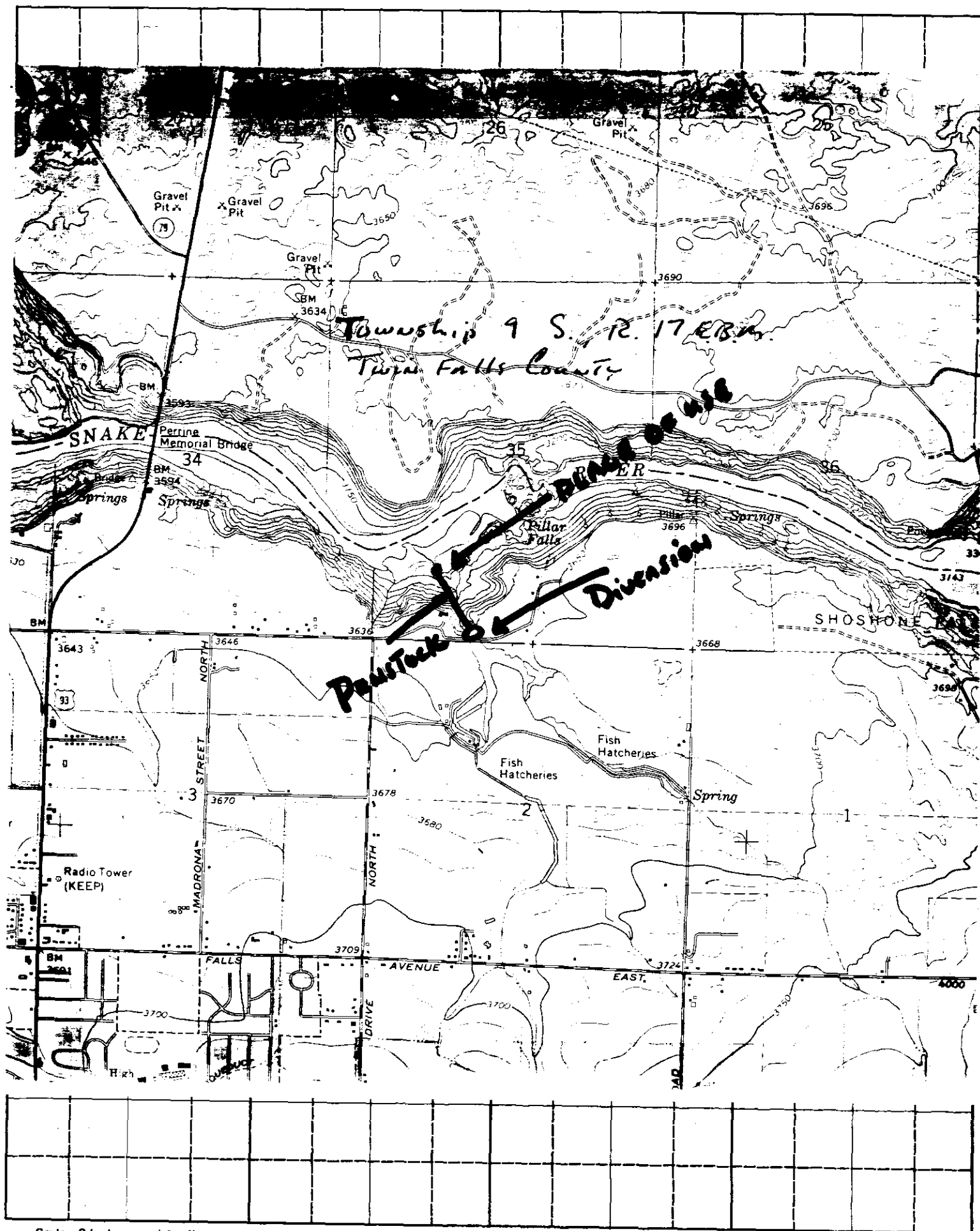
b. Who owns the land to be irrigated or place of use Applicant.

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the
applicant to make this filing Expect no objection from the Canal Company.

10. Remarks Applicant may need additional permission to join two water sources at
highest point, although both sources do join below on Applicant's property
naturally. 15.0 cfs is the flow from Springs which arise on other
property of Applicant and presently used for fish propagation. Other 15 cfs
is from Twin Falls Canal Company spillway.

MICROFILMED

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

Ronald A. Kasel
 Ronald A. Kasel (Applicant)

Proposed Priority 12/1/1980

Received by JP Date 12-1-80 Time 9am

Preliminary check by ADM Fee \$ 525⁰⁰

Receipted by JP Date 12-1-80 166%

Publication prepared by marry Date 12/6/80

Published in Times news

Publication dates 12/18 + 12/25/80

Publication approved marry Date 12-17-80

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date, _____

Recommended for approval denial by LH

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. 47-7679, 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 December 1, 19 87.
- 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: An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

This permit is subject to the provisions of Sections 42-205 through 42-210, Idaho Code, restricting the sale, transfer, assignment, or mortgage of this permit. Failure to comply with these provisions is cause for immediate cancellation of this permit.

This project shall be operated in a manner that will not conflict or interfere with the future diversion of water for irrigation or other beneficial consumption.

This permit does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

Witness my hand this 27th day of December, 1982.

J. Glen Saxton
Chief, Operations Bureau

Dir:

MICROFILMED

INTAKE STRUCTURE

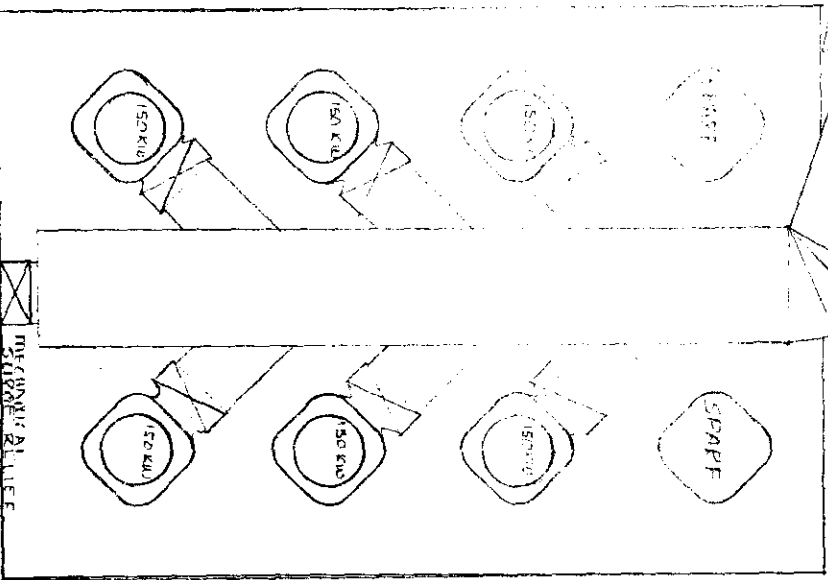
2 X 10' DEEP DITCH

30" CANAL SECT

30" DIA 34W RAIL THROTTLE

RAIL

RAIL



MECHANICAL LIFE

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES

RECEIVED

DEC 2 1981

Department of Water Resources

Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for

Permit:

- (check one)
- ☒ Will not utilize existing man-made irrigation facilities such as a dam or a canal.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal, and permission of the owner is documented in an affidavit attached hereto.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal and the owner of the facilities is the signee of this affidavit.

Ronald A Kael
Applicant

State of Idaho)
County of Twin Falls) ss.

On this 8th day of Sept, 19 81, personally

appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

James A. Rossmo
Notary Public residing at

seal

Twin Falls

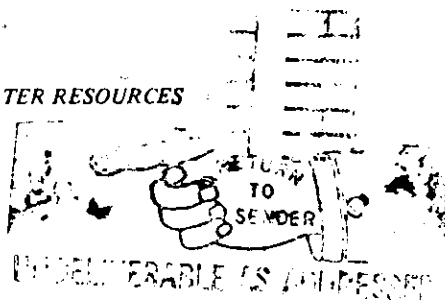
My commission expires:

1986

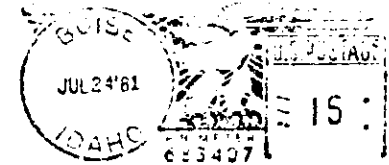
MICROFILMED

MAIL PROFILE

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Statehouse
Boise, Idaho 83720



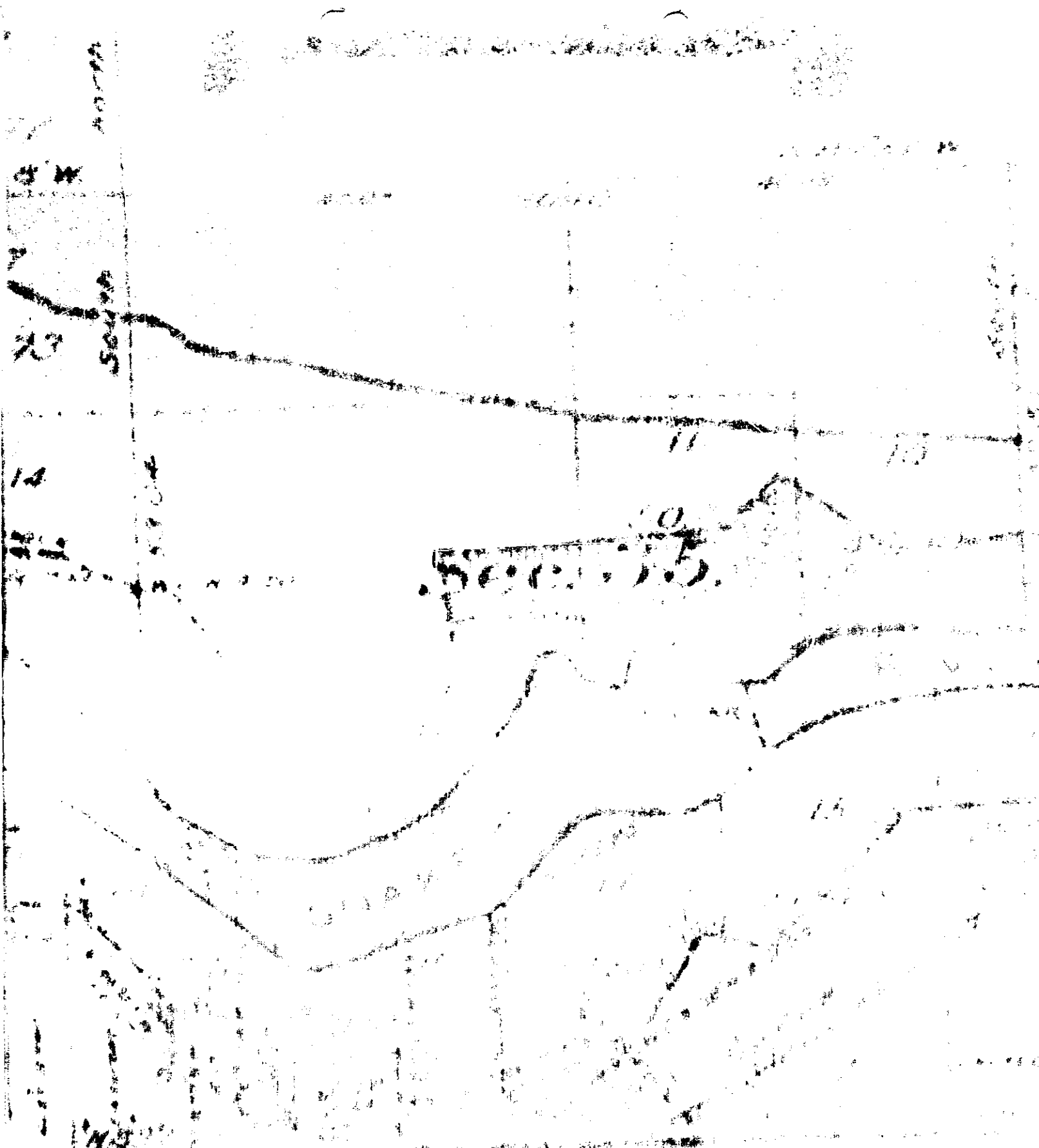
PRESORTED
FIRST-CLASS



Ronald A. Kasel
Rt. #3
Twin Falls, Idaho 83301

*Phone answer
11-25-81
address should be
Rt 6
remailed 11-27-81*

*James H. Smith
47-7679
47-7682*



MICROFILMED

Individual Owner

AFFIDAVIT TO ESTABLISH RESIDENCE

I, Ronald A. Kasel of Twin Falls, County of Twin Falls, State of Idaho, being duly sworn, do hereby certify that I am a bona fide resident of the State of Idaho.

Subscribed and sworn to before me this 18th day of November, 1988

/s/ Ronald A. Kasel
/s/ Betty Gwartney
Notary Public
Residence Twin Falls, Idaho
My Commission Expires _____

Corporation or Association

AFFIDAVIT TO ESTABLISH RESIDENCE
OR QUALIFICATIONS TO DO BUSINESS UNDER THE LAWS OF
IDAHO...

I, _____ of _____, County of _____, State of Idaho, being first duly sworn, depose and say:
That I am the designated statutory agent of the _____,
that as such I am in charge of the registered office of the said _____,
_____ as provided by Section 30-143, Idaho Code, at _____,
Idaho, wherein are kept the records provided by Section 30-144, Idaho Code, and that _____ is a legal _____
qualified to do business in the State of Idaho under the laws of the State of Idaho.

Subscribed and sworn to before me this _____ day of _____, 19____

/s/ _____
/s/ _____
Notary Public
Residence _____
My Commission Expires _____

RECORDED

Affidavit of Publication

Nº 9845

STATE OF IDAHO,)
COUNTY OF TWIN FALLS) ss.

I, Linda Capps McBaine being first duly sworn upon
oath, depose and say that I am Print Clerk of the TIMES-NEWS,
published daily, at Twin Falls, Idaho, and do solemnly swear that a copy of
the notice of advertisement, as per clipping attached, was published in the regular and
entire issue of said newspaper, and not in any supplement thereof, for Two
consecutive Weeks, commencing with the issue dated
December 18, 19 80, and ending with the issue dated
December 25, 19 80.

And I do further certify that said newspaper is a consolidation, effective February 16, 1942, of the Idaho Evening Times, published theretofore daily except Sunday, and the Twin Falls News, published theretofore daily except Monday, both of which newspapers prior to consolidation had been published under said names in said city and county continuously and uninterruptedly during a period of more than twelve consecutive months, and said TIMES-NEWS, since such consolidation, has been published as a daily newspaper except Saturday, until July 31, 1978, at which time said newspaper began daily publication under said name in said city and county continuously and uninterruptedly.

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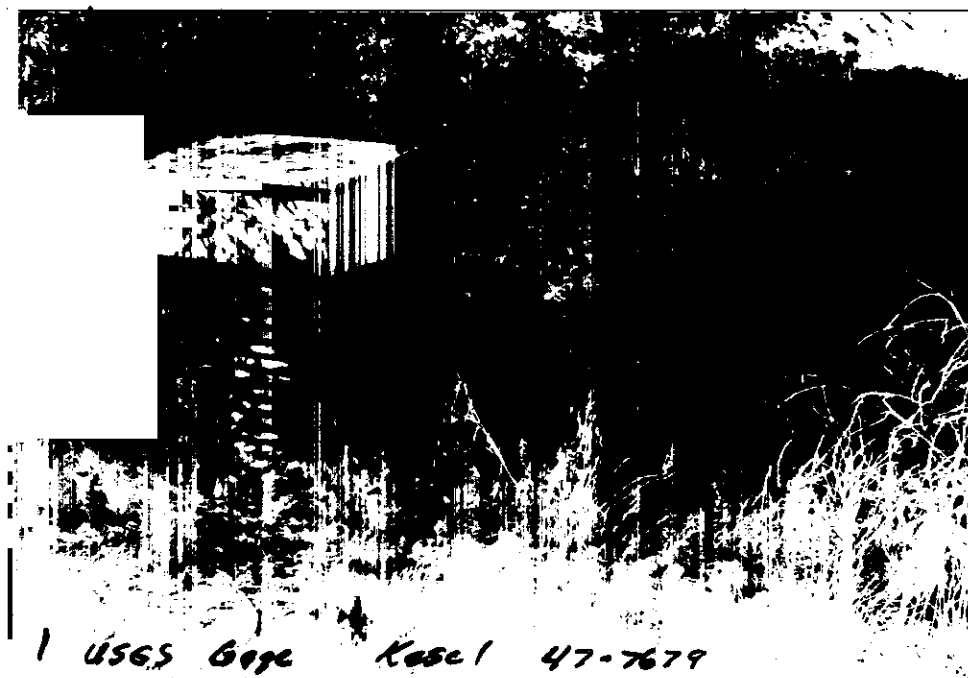
Linda Capps McBaine
Subscribed and sworn to before me on this 30 day of

December 19 80
Mella Rowlett-Smith
Notary Public in and for the County of Twin Falls,
State of Idaho, residing at Twin Falls, Idaho

MICROFILMED

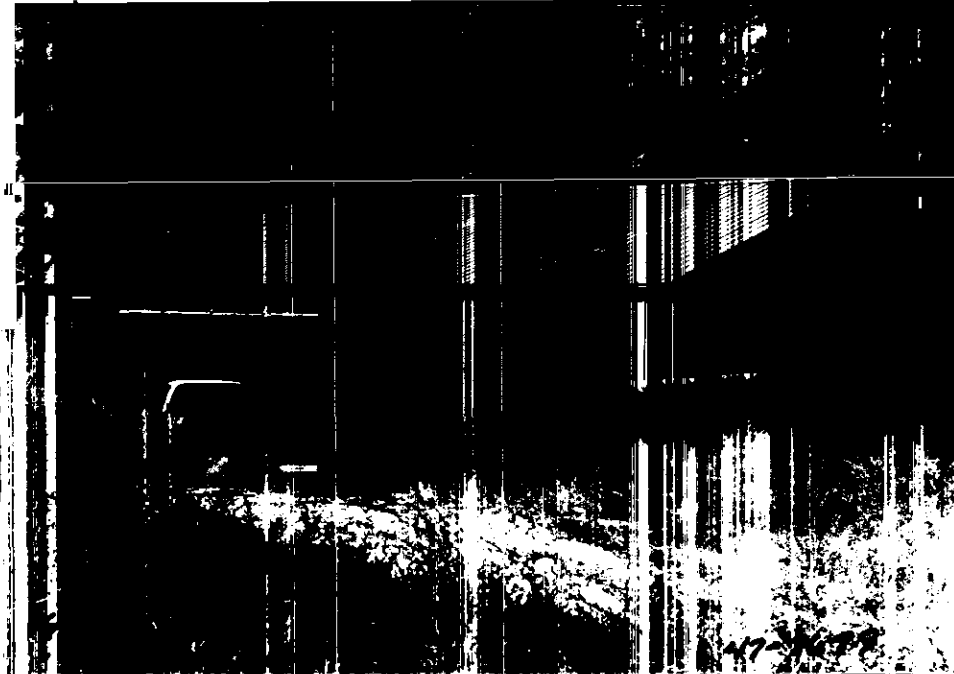
JAN 1981

Department of Archives
Southern District Office

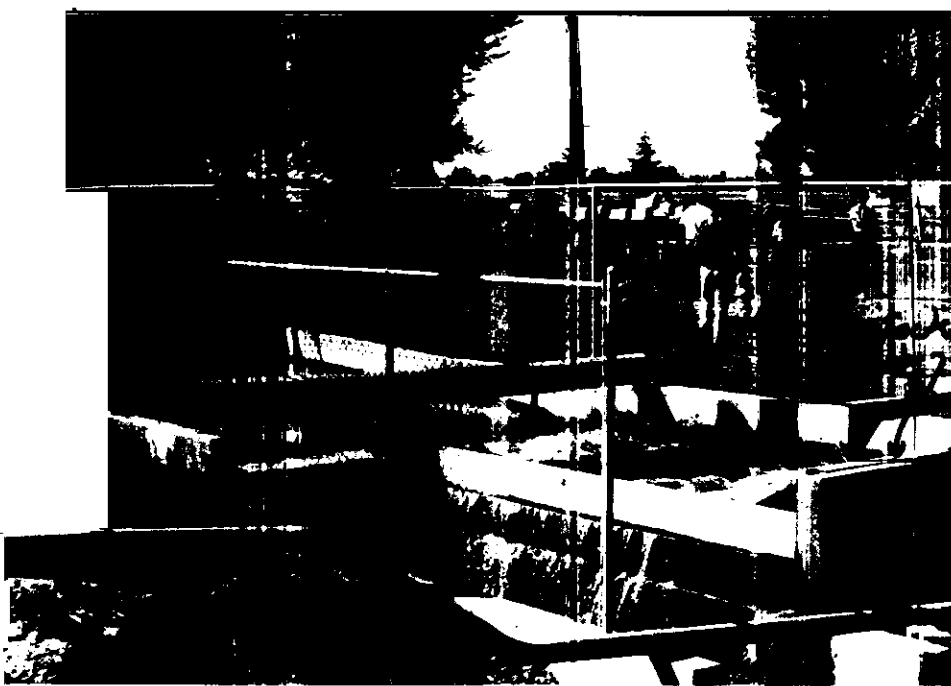


1 USGS Gage Kessel 47-7679











**CHARLES
BROCKWAY
ENGINEERING**

CHARLES E.
BROCKWAY,
PHD., P.E.

706 SUNRISE
BOULEVARD
NORTH

TWIN FALLS,
IDAHO 83301

208•733•0938

Mr. Gary Spackman, Manager
Water Rights Permits Section
Idaho Department of Water Resources
1301 North Orchard Street
Boise, Idaho 83720

RECEIVED
OCT 7, 1989
OCT 13 1989

Department of Water Resources

Subject: Field Examination for Permit No. 47-7679
and Permit No 47-7682

Dear Gary:

I received your letter regarding the deficiencies in the Field Examination for permit no 47-7679 and am responding to them as follows:

At the time Mr. Kasel retained me to conduct the field exams, I was aware of both permits 47-7679 and 47-7682 for two power plants on two separate streams emanating from springs in the SW1/4 SW1/4 Sec 35 T9S R17E. The intent at the time of filing was to construct two plants, in fact the point of diversion for permit 47-7682 was not owned by Mr. Kasel at the time. The decision was apparently made and negotiations made to cut the stream contemplated under permit no 47-7682 into the stream for permit no 47-7679 and not construct the additional powerhouse. During our initial discussions, both Mr. Kasel and Mr. Witherspoon, a partner in the hydropower development, talked of cutting the 'other smaller stream' in to the power plant stream. I apparently misunderstood and assumed that the 'other stream' was a small stream to the east of the power plant stream and not the stream flowing into the pond in the NW1/4 NW1/4 Sec 2 which was contemplated in permit no 47-7682. For this reason, I assumed that permit 47-7682 was not going to be utilized and did not perform a field exam on that permit. This was an oversight on my part since the other stream had been incorporated in the water supply for permit 47-7679 and the field exam should have covered both permits and been included in the overlap analysis.

The field examination covering permit 47-7679 recommended licensing for a flow rate of 30 cfs since that was the amount applied for under that permit. The measured flow rate of 46 cfs by the USGS was considerably in excess of the 30 cfs applied for under the one permit. The USGS gaging station is just upstream of the power plant diversion structure with no other diversions in the reach. I specifically asked the USGS to make the measurement the morning of September 4, 1987 to coincide with my examination of the diversion structure and facilities. I chose this procedure because the USGS was due for a monthly current meter measurement at this site and their measurement should have adequate credibility. At the time of the measurement, there was some leakage through the boards of the check structure, which I estimated at less than .5 cfs, leaving at least 45.5 cfs of the USGS measured 46.0 cfs in the penstock. An inspection of the turbines and generators showed that all the penstock flow was going through the turbines.

The examination was performed on September 4, 1987 at the same time the USGS discharge measurement was performed. This was stated in the cover letter to Loren Holmes of the Souther District office; however it was not included on the examination form. I was accompanied during the exam by Mr. Kasel.

The overlap review was conducted but because of the misunderstanding on permit no 47-7682, it was not included. The system consists of the concrete diversion structure, a 1000 ft. long 34 inch diameter penstock dropping 375 feet to the upper powerhouse with 4, 12 cfs turbines, a 165 ft long 34 inch diameter penstock dropping 105 feet to the second or lower powerhouse, and a spill pipe to the Snake River. There is also a bypass from the first powerhouse to the Snake River. I agree that the sketch submitted, although it contains the necessary system information, is not a quality drawing and it has been redrawn as a schematic to show the relative locations of all facilities. Also, nameplate information on the turbine-generator sets was not included as part of the exam but has been secured..

The water returns to the Snake river at the same point that the Perrine waste has historically returned in the SW1/4 SW1/4 of Sec 35. It is a small delta formed by the canal waste sediments. Two 15 inch diameter pipes, 40 feet long convey the lower power plant effluent a small stream and ultimately to the river.

I was unaware that the annual volume used be recommended for a hydropower facility since it is a non-consumptive use. However, based on the historical flow data, the average annual flow available as determined from all or part of five years of data by the USGS is approximately 22,090 acre feet. Under permit 46-7679, the maximum permitted amount is 30 cfs which would limit the annual flow to 17570 acre feet under the single permit(see attached table). For the combined flow applied for under permits 47-7679 and 47-7682 or 44 cfs, the available annual volume is_____. The recommended annual volume is therefore 17,570 acre feet for permit 47-7679.

I believe the USGS measured flow 100 feet upstream from the power plant diversion adequately describes the flow available to the power plant and I stated in the cover letter for the exam that, with the exception of an estimated .5 cfs going over and through the check boards of the diversion structure, the entire flow was entering the penstock and being utilized by the powerplants.

In order to address the deficiencies in the examination for permit 47-7679 , I am submitting, along with this letter, the updated field exam including a system schematic drawing and information on the turbine generator systems. Also included is a field exam for permit 47-7682 recognizing that the 14 cfs applied for was being beneficially used on September 4, 1987.

Please let me know if additional information is required.

Sincerely,

C.E. Brockway
C.E. Brockway/P.E

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
MAY 04 1988

Department of ~~Water Resources~~

A. GENERAL INFORMATION

1. Owner: RONALD D. KASEL Permit No. 47-7679
Current Address: RT 6 Twin Falls ID 83301 Phone No. 208-733-1503
2. Accompanied by: R. Kase/ EXAM. DATE: 4 Sept, 1987
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: Springs and Canal waste tributary to Snake River

RECEIVED
OCT 13 1989

B. OVERLAP REVIEW

1. Other water rights with same place of use: 47-7682 Department of Water Resources
_____ ☐ Copies Attached
2. Other water rights with same point of diversion: 47-7682
_____ ☐ 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" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached
Showing location(s) of point(s) of diversion and (required for irrigation of 10 acres or more).
place(s) of use (required).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

System Description (continued)

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

Diversion from spring fed stream and canal/wasteway
(Perme (fish hatchery) waste) utilizing concrete structure
with overflow and gated perstock to power house

The effluent from the lower powerhouse returns to a small
stream which flows into the Snake River in the SW 1/4 SW 1/4 Sec
35 at the same location as before the facility was built

☐ See Remarks on page 4 for continuation

- 4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	6	SE	SW		35	9S	17E	Trans Falls	U265 Quied

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
9S	17E	35											X						

Lots 16 & 17

Do not use this space

D. FLOW MEASUREMENTS

☒ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
U.S. G.S. Flow Measurement	Price Type			P-0585	AA	574
Approx. 100'	Current meter					
Upstream of diversion						

2. Measurements:

Measurement made by U.S. Geological Survey @ 0930
Sept 4, 1987 to check rating for recorder (USGS 13090370)
All flow except ± 0.5 cfs was diverted through the penstock and
power houses

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

Current meter @ = 46.0 cfs

2. Alternate Method for Checking Purposes:

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) $\div$ 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: *Hydropower*

*Based on USGS flow measurements
17570 AF/YR see attached USGS discharge data*

H. REMARKS AND OVERLAP REVIEW ANALYSIS

The stream originally filed on under permit 47.7682 was being diverted into the wasteway and is included in the 46.0 cfs measured by the USGS.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Power Generation	Jan 1	Dec 31	30	
Totals:			30	

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

Charles Brockway

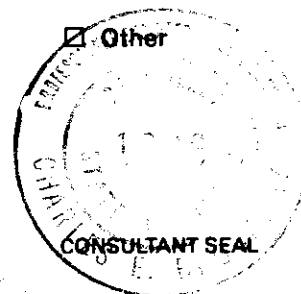
Signature

C E Brockway

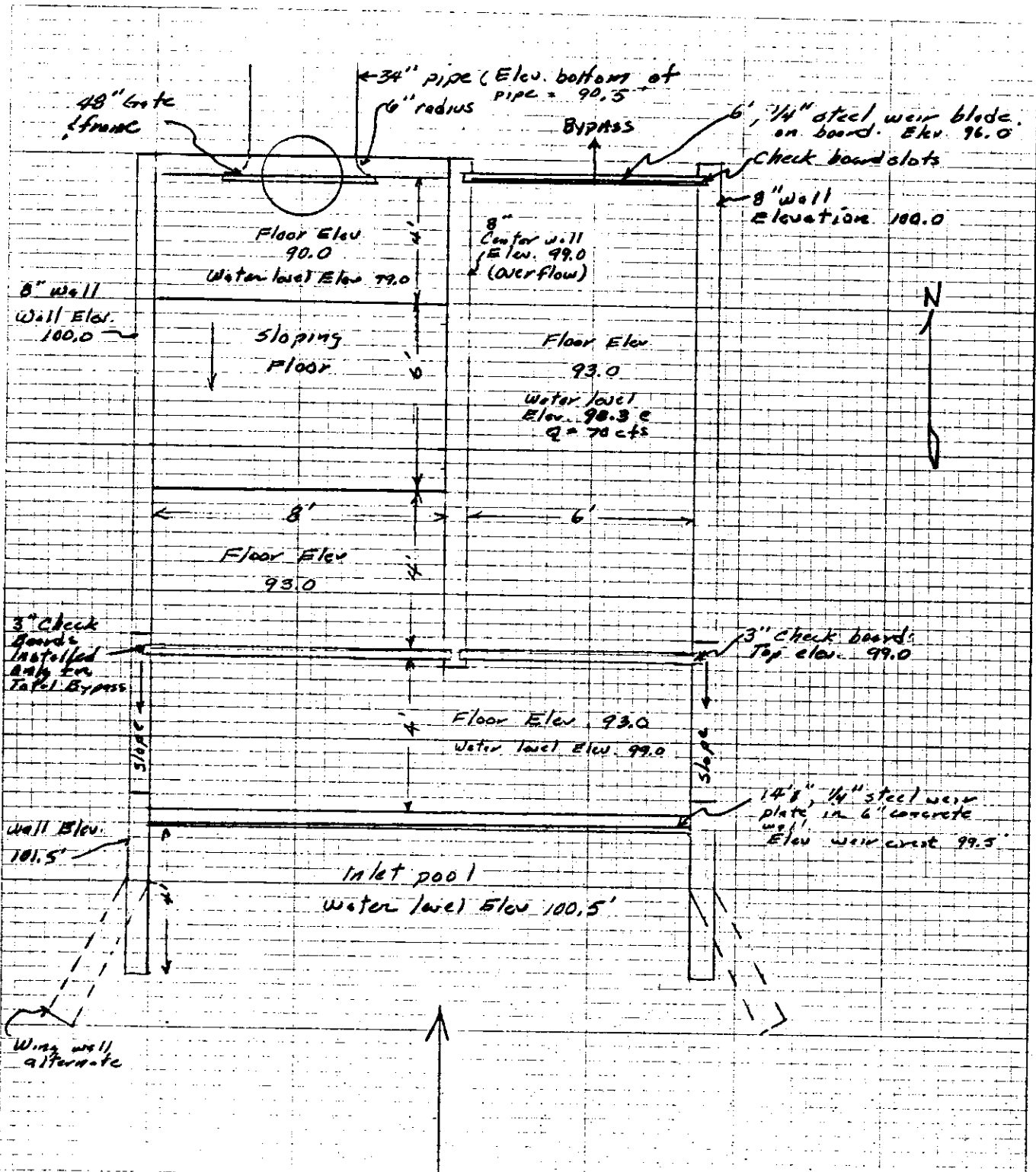
Certification Date

Field Report Preparation Date

11/26/87



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



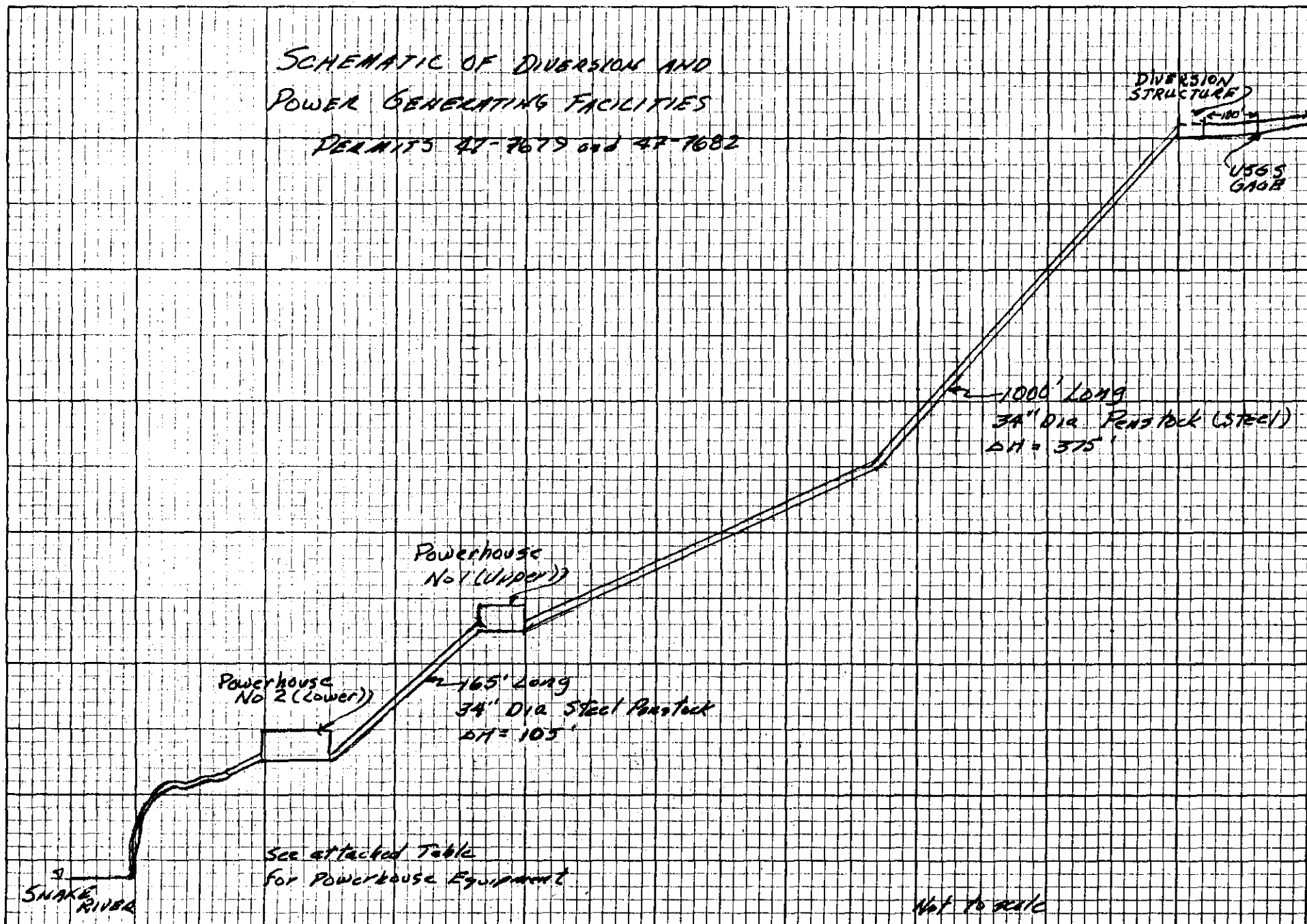
KASEB-WITHERSPOON HYDRO
INLET STRUCTURE
NOT TO SCALE

Design Discharge 45 cfs in pipe
70 cfs maximum

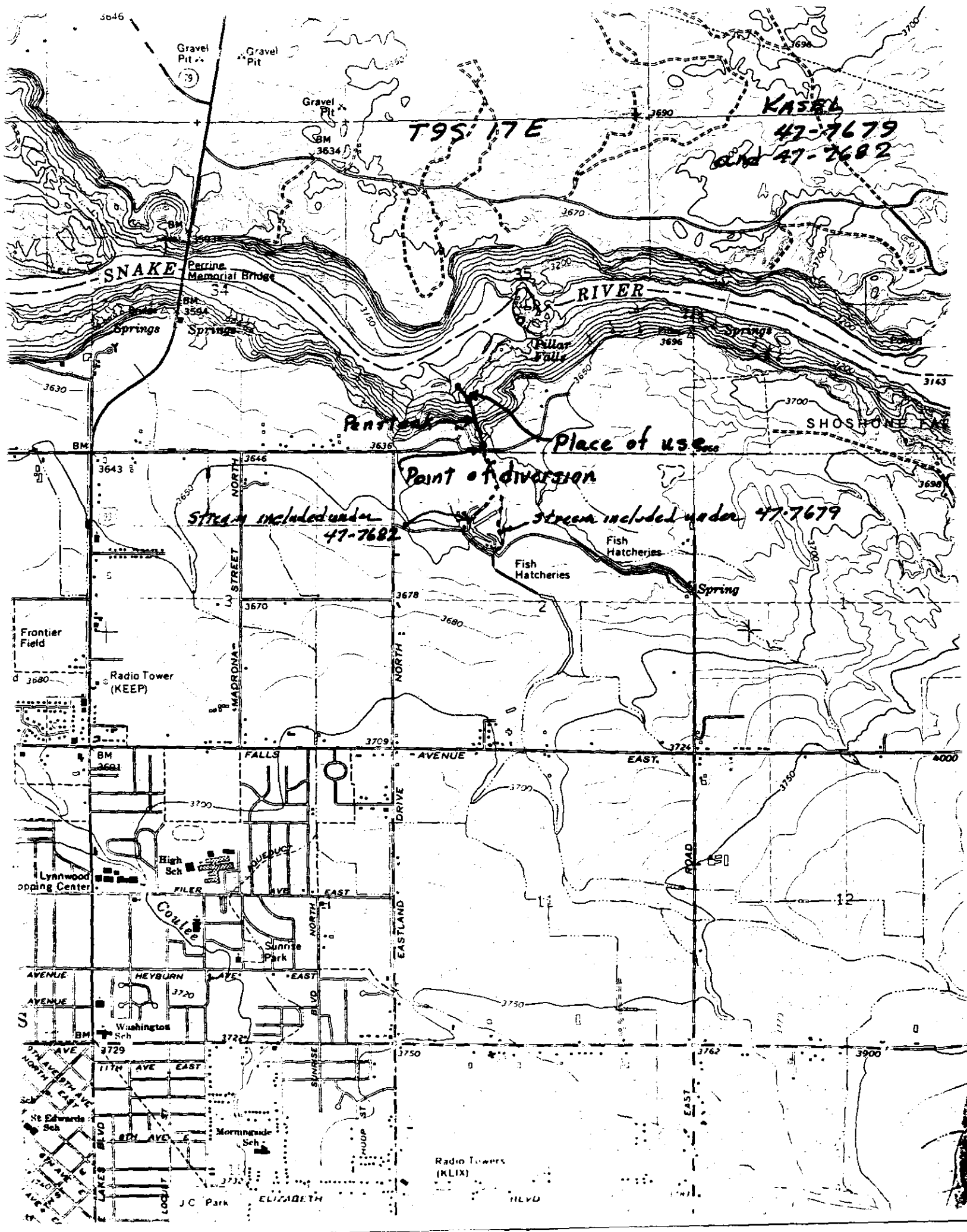
CEB 8/23/93

SCHEMATIC OF DIVERSION AND
POWER GENERATING FACILITIES

PERMITS 47-7679 and 47-7682



CS 985



WATER RESOURCES DIVISION

Sta. No. 13:09.03.70 DISCHARGE MEASUREMENT NOTES Checked by

Perrine (Fish Hatchery) Waste nr. Twin Falls, Idaho
 Date Sept. 4, 1987. Party K.L.H. Hein
 Width 13.0' Area 36.0' Vel. 1.28' G.H. 7.02' Disch. 46.0'
 Method 6.2' No. secs. 27' G.H. change - .01 in 0.82 hrs. Susp. Red.
 Method coef. 1.0' Hor. angle coef. 1.0' Susp. coef. 1.0' Meter No. P-0585
 Type of meter A.A. Price Date rated Sept. 1 Tag checked -
 Meter - ft. above bottom of wt. Spin before meas. 3:39 after 3:32
 Meas. plots - 37.4% diff. from 2 rating. Levels obtained. No

GAGE READINGS						WATER QUALITY MEASUREMENTS		
Time	FT	Inside	ADR	Graphic	Outside	No	Yes	Time
0830	7.03		7.03		7.03			
50835								
0900			7.02					
F 0924								
0926	7.02		7.02		7.02			
Weighted M.G.H.			7.02					
G. H. correction								
Correct M.G.H.								

Check bar chain found changed to at
 Wading, cable, ice, boat, upstr., downstr., side bridge. 60 feet, mile, above, below gage.
 Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
 Flow. Uneven, not steady, inversion toward right
 Cross section Mud, boulders
 Control Penstock, overflowing
 Gage operating Properly Weather Clear, calm
 Intake/Orifice cleaned Air °C@ Water °C@
 Record removed No Extreme Indicator: Max. Min.
 Manometer N₂ Pressure Tank Feed Bbl rate per min.
 CSG checked Stick reading
 Observer
 HWM outside, in well
 Remarks Siphon pump below gage not running
 G.H. of zero flow ft. Sheet No. of sheets

FIELD EXAM PERMITS NO47-7679 AND 47-7682 RON KASEL C.E. BROCKWAY 9/89

USGS FLOWS AVAILABLE TO POWER PLANT FROM SPRING SOURCE(S)
USGS STATION 13090370

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1985								24.40	36.00	28.50	32.70	56.80
1986	44.10	25.30	17.90	17.50	17.50	6.55	28.90	36.30	56.00	66.30	63.60	76.30
1987	55.40	25.30	15.10	19.40	13.60	9.27	22.30	40.30	34.00	39.50	40.60	44.80
1988	38.70	21.80	24.10	19.90	14.00	11.70	19.50	29.30	41.30	28.40	28.70	39.90
1989	42.90	28.30	27.70	16.00	12.60	9.91	20.40	31.30	35.90			
MEAN	45.28	25.18	21.20	18.20	14.43	9.36	22.78	32.32	40.64	40.68	41.40	54.41
MEAN <30	30	25.18	21.20	18.20	14.43	9.36	22.78	30	30	30	30	30
MEAN<14	14	14	14	14	14	9.36	14	14	14	14	14	14
AF	2779	1495	1301	1117	800	574	1353	1984	2414	2497	2541	3231
AF<30	1841	1495	1301	1117	800	574	1353	1841	1782	1841	1841	1782
AF<14	859	832	859	859	776	574	832	859	832	859	859	832
TOTAL	22090	AF										
TOTAL<30	17570	AF										
TOTAL<14	9833											

WATER RIGHT PERMITS NO 47-7679 AND 47-7682
RON KASEL
TURBINE-GENERATOR DATA FOR UPPER AND LOWER POWER PLANTS

UPPER PLANT

UNIT	MAKE	SERIAL NO	CAPACITY
W-1	WESTINGHOUSE	831183B22048	300KW
W-2	CENTURY	BG570426	300KW
W-3	WESTINGHOUSE	8311449TS	300KW
E-1	U.S.	CK2888C166	300KW

LOWER PLANT

UNIT	MAKE	SERIAL NO	CAPACITY
N-1	U.S.	R-6327-04-965	50KW
N-2	U.S.	R-6327-04-935	50KW
N-3	U.S.	R-6327-04-1124	50KW
S-2	U.S.	R-6327-04-936	50KW
S-3	U.S.	R-6327-04-1120	50KW

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
MAY 04 1988

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 47-7679

1. Owner: RONALD R. KNEC Phone No. 208-733-1503

Current Address: RT 6 Twin Falls ID 83301

2. Accompanied by: _____ EXAM. DATE: _____

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: Springs and Canal waste tributary to Snake River

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" = _____

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.)

*DIVERSION FROM spring fed stream and canal/waste
(Perrine (fish hatchery) waste) utilizing concrete structure
with overflow and gated peristock to power house*

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	6	SE	SW		35	95	17E	Town Falls	U265 Qued

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
95	17E	35											X						

Lots 16 & 17

Do not use this space

D. FLOW MEASUREMENTS

☒ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
4.5 G.S. Flow Measurement	Price Type			P-0585	AA	5th
Approx. 100'	Current meter					
Upstream of diversion						

2. Measurements:

Measurement made by U.S. Geological Survey 0930
Sept 4, 1987 to check rating for recorder (USGS 18090370)

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

Current meter $Q = 46.0$ cfs

2. Alternate Method for Checking Purposes:

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) $\div$ 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:

S
AVEN
N
AVEN
NORTH
Sch
St Ed
Sch
ST
AVEN

[illegible]

1. Recommended Amounts

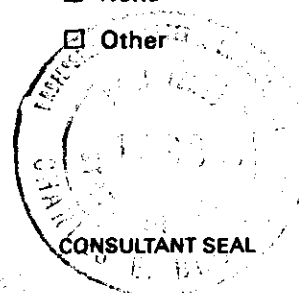
Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Power Generation	Jan 1	Dec 31	30	
Totals:			30	

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 _____

Field Examiner's Name Charles Brockway
Signature CE Brockway
Certification Date _____
Field Report Preparation Date 11/26/87



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

Power

11-11-1964

11. Change

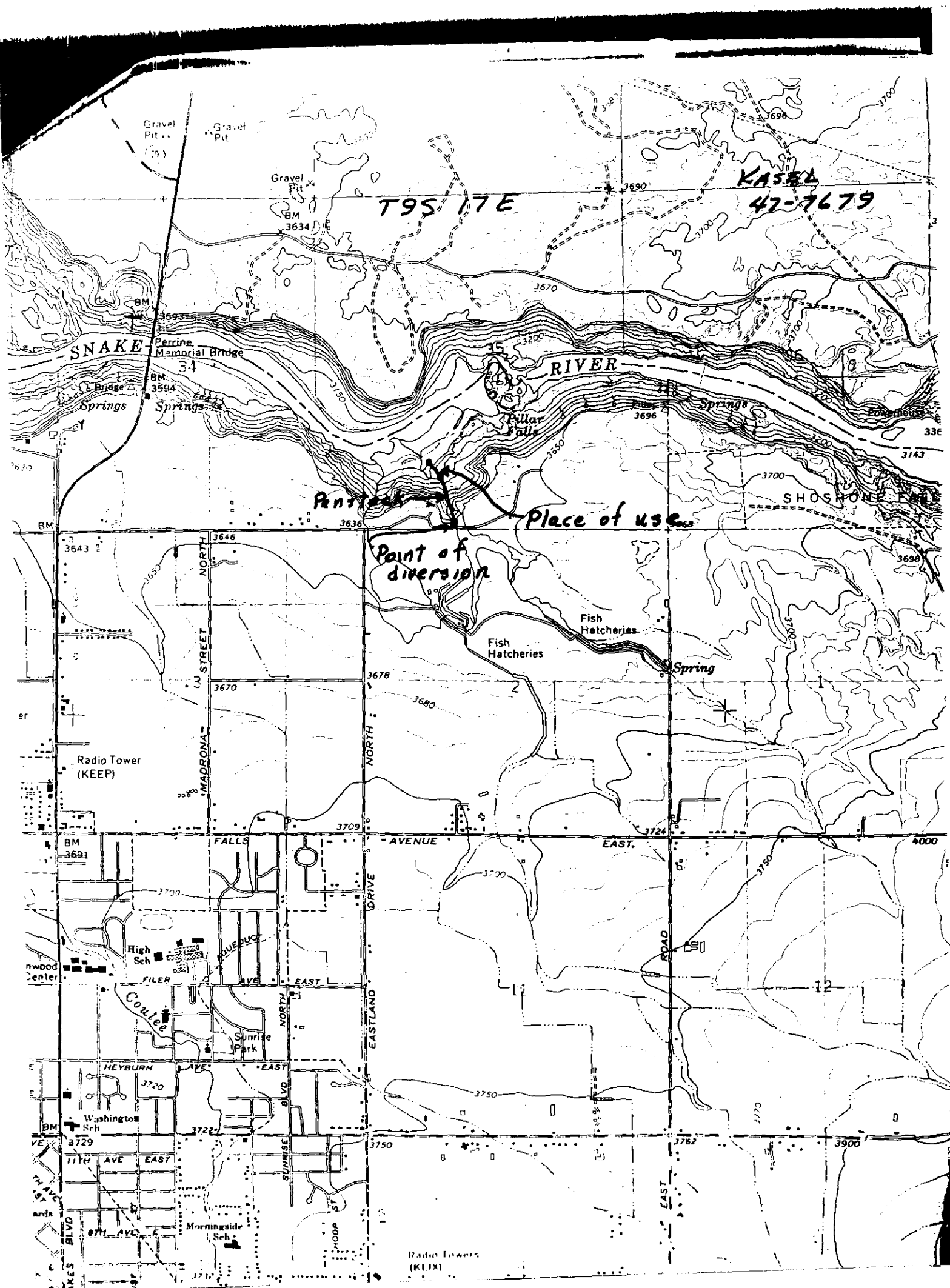
J. AUTHENTIC

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...
...
...
...
...

K. Licensing requirements for employees of the contractor.

G.H. of zero flow ft. Sheet No. of sheets



Overflow weir (board) depth $\approx 2''$
 Board 2" wide - length 14'

Photo #1

Geggs Sta.

Photo 2 & 3

Inside upper
power house.

Photo 4

exterior of
upper power
house

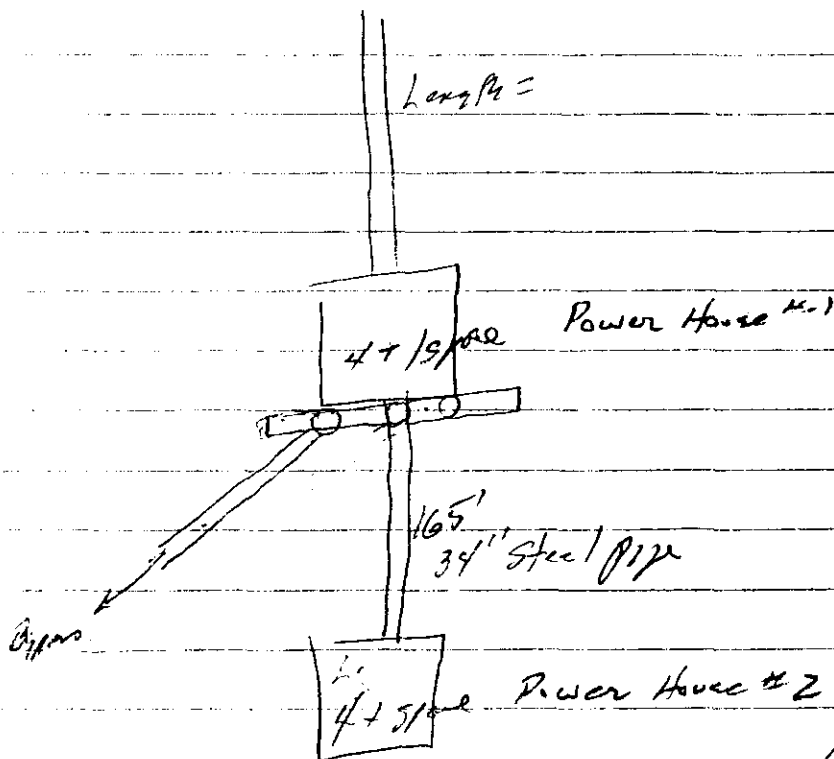


Photo 5

Looking up pipe
for power house #1

Photo 6 & 7

Into lower
power house.

Photo 8

Looking up to
Power house #1 from
Power house #2 (lower)

105' drop - upper to
lower

Upper Plant - 9 @ 12 cts each 300 Kw

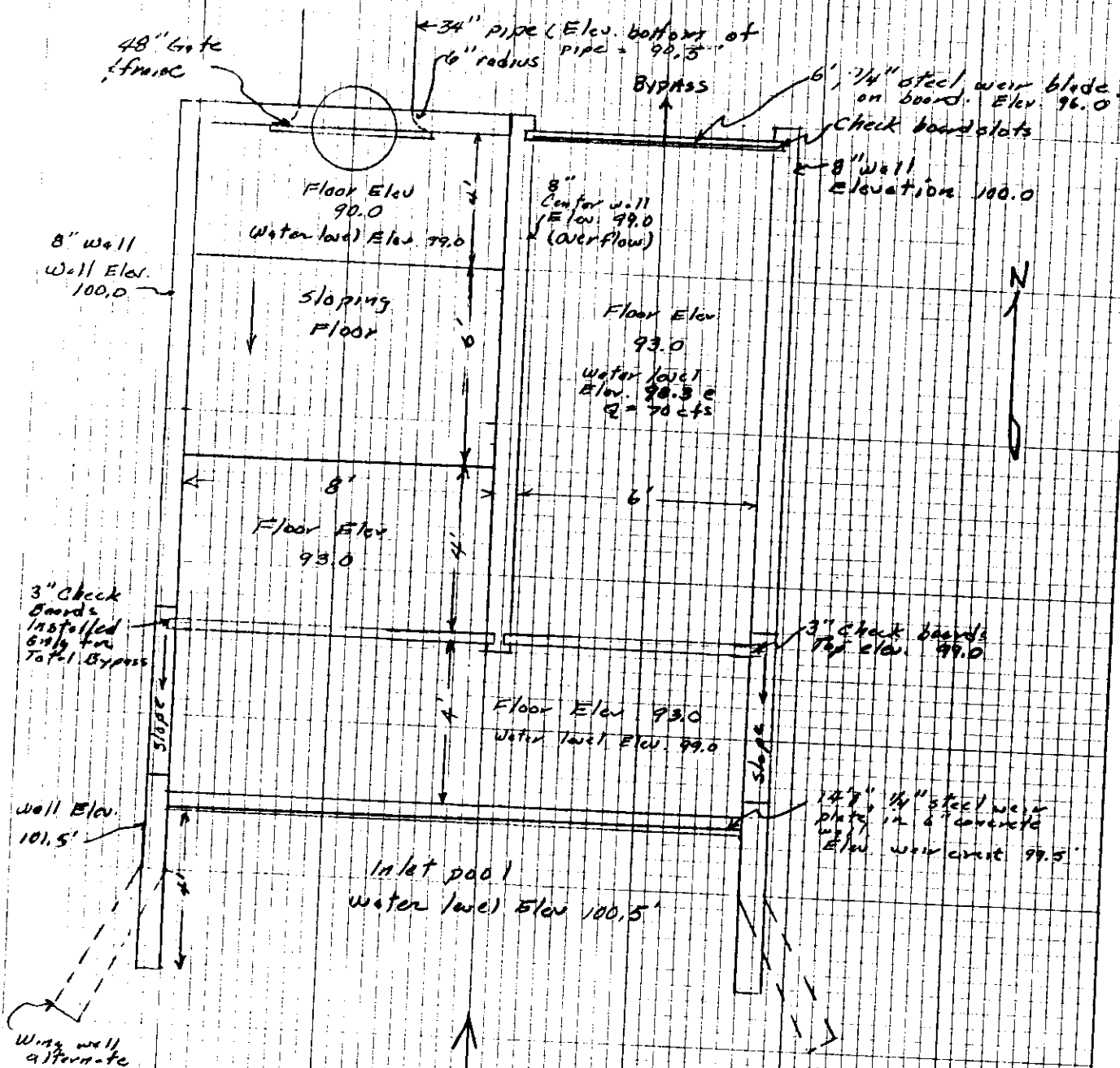
375' drop - source to upper
plant.

Lower Plant 4 @ 12 cts each 56 Kw

Karel 9/4/87

Photos 9, 10, 11, 12
1/4 c/w work.

1/2 pipe



KASSEL WITHERSPOON HYDRO

INLET STRUCTURE

NOT TO SCALE

Design Discharge 45 cfs in pipe
70 cfs maximum



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

August 30, 1989

C.E. Brockway, P.E.
706 Sunrise Blvd. North
Twin Falls, ID 83301

RE: Field Examination for Permit No. 47-7679 in the Name of
Ronald A. Kasel

Dear Mr. Brockway:

You submitted a field examination for Mr. Kasel's hydropower plant which was received by the Department of Water Resources on May 4, 1988. I have reviewed the field examination, and am returning it to you for some clarification. I wanted to accept it in its present form because of the substantial delay in review, but there are deficiencies which require some attention.

Prior to discussing the field examination, the overall project must be discussed. Your field examination for permit 47-7969 states that there are no other water rights with the same place of use or same point of diversion. Our records show that the filing of application no. 47-7679 was followed by an application to appropriate 14 cubic feet per second which was assigned water right no. 47-7682. I have enclosed some microfilm documents which show the front page of the application, an examination fee information sheet for the permit, and a letter from you indicating that you intended to examine the system for permit no. 47-7682 as well as 47-7679. In August, 1987, we sent a lapse notice for both permits. The lapse notice stated that the permits would lapse on October 12, 1987. We did not receive a field examination before the date of lapsing, and both permits lapsed.

On May 4, 1988, we received a field examination for permit 47-7679. The examination recommended licensing a flow rate of 30 cubic feet per second. It also referred to a measurement by the USGS of 46 cfs upstream of the hydropower diversion.

If the flows proposed by the two permits were developed, a total flow of 44 cfs could have been licensed. The Department now has pending before it another application to appropriate water by Mr. Kasel for 2 cfs, which appears to assume that 44 cfs is presently authorized to be diverted by the Department, and apparently attempts to raise the total diversion for hydropower purposes to 46 cfs.

Permit no. 47-7679 will be reinstated, but priority will be advanced approximately six months because of the late submittal of the field examination. Permit no. 47-7682 remains lapsed. If Mr. Kasel is utilizing the 14 cfs originally proposed to be diverted under lapsed permit no. 47-7682, and desires to reinstate the permit, a beneficial use field report must be submitted for permit no. 47-7682. A day of priority will be lost for each day that the field report is late.

The beneficial use field report for permit no. 47-7679 is deficient in the following categories:

The field report fails to state the date the examination was conducted. If you were accompanied by someone during the examination, that information should also be provided.

An overlap review was apparently not conducted on permit no. 47-7679, as permit no. 47-7682 was missed.

Rule 5,1,3. requires that the system be described. Although it does not talk specifically about generators, I believe that the make, capacity and serial number of the generators should be provided.

Rule 5,1,4. requires a description of any interconnection with other water rights. It also requires a schematic diagram. You indicated in Part C of the field report that an alternative diagram was attached. I have an inlet structure diagram, and a very rough, almost unreadable sketch of the location of the power facilities. I do not believe it is a document that is suitable for filing and future reference. I request that the diagram be redrawn so that it is readable, and that sufficient detail be added to show diversion, delivery, use and final discharge.

Rule 5,1,5. requires that the place where the water returns to a natural system be described.

Rule 5,1,10. implies that the annual volume be recommended by the examiner.

Rule 6. requires that the rate of flow for the beneficial use be measured. The water measurement submitted is a measurement by USGS 100 feet upstream from the diversion. The flows measured by USGS have no relationship to the flows to the power plant in the field examination. I cannot determine from the examination whether all of the flows are capable of being diverted through the power plant, or whether a substantial amount of water spills from the overflow structure. The USGS measurement is suitable if you will verify the power plant was capable of using all of the flows in the stream at the time it was measured.

I ask that the information I have requested be submitted to the Department within sixty (60) days. Failure to do so could jeopardize the status of permit 47-7969.

Respectfully,



GARY SPACKMAN, Manager
Water Right Permits Section

GS:js

Enclosure

cc. Ronald Kasel
Route 6, Box 4
Twin Falls, ID 83301

IDWR - Southern Region



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

CECIL D. ANDRUS
Governor

A. KENNETH DUNN

Director

47-7679
KASEL, RONALD A.
RT. 6 BOX 9104
TWIN FALLS, ID 83301

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

August 12, 1987

Dear Permit Holder:

LAPSE NOTICE
License Examination Fee

You are hereby notified that under the provisions of Section 42-217 and 42-218a, Idaho Code, the above referenced permit will lapse and be of no further force nor effect on October 12, 1987, for failure of the permit holder to submit either the license examination fee or an acceptable field examination report prepared by or under the supervision of a certified water right examiner.

Provisions of § 42-217, Idaho Code, and the Beneficial Use Examination Rules and Regulations provide that failure of the permit holder to submit either the fee or an acceptable field examination report within one (1) year and sixty (60) days after notification by the director that the submittal is due is cause for the director to reject the proof of beneficial use and lapse the permit. The Department notified you of the required submittal on August 12, 1986.

The lapsed permit can be reinstated upon a showing of reasonable cause for late submittal of proof of beneficial use, if you submit to the Department on or before December 11, 1987, either the license examination fee or an acceptable field examination report prepared by or under the supervision of a certified water right examiner.

Enclosed is a fee information sheet that must be completed and submitted to the Department to keep the permit in good standing. If you have questions, please contact any office of the Department.

Sincerely,

L. Glen Saxton
L. GLEN SAXTON, Chief
Operations Bureau

Enclosure

C. E. BROCKWAY P. E.
ENGINEERING CONSULTANT

Groundwater, Hydrology,
and Hydraulic Engineering

706 Sunrise Blvd. N.
Twin Falls, Idaho 83301 733-0938

November 4, 1986

Mr. Loren Holmes
Idaho Department of Water Resources
1018 Blue Lakes Blvd. North
Twin Falls, Idaho 83301

RECEIVED

NOV 4 1986

Subject: Water Rights Certification
Ron Kasel

Department of Water Resources
Southern Region Office

Dear Loren:

This letter is to notify you that I have agreed to perform the water rights examination for Mr. Ron Kasel on permits 47-7679 and 47-7682 for hydropower.

I intend to perform the examination by November 1, 1986.

RECEIVED

NOV 5 1986

Sincerely,



C. E. Brockway, P.E.

Department of Water Resources

CEB:

4/86

RECEIVED

NOV 4 1986

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only

Fee Received 0Date 11/4/86Receipt # 11/4Receipt by 11/4Sent to S.O. 11/4/86Department of Water Resources
Southern Region Office

RECEIVED

NOV 5 1986

1. Permit No. 47-7679

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

- ☐ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: KASEL Ronald A.3. Post Office Address: Rt #6 Box 9104
Twin Falls Idaho 83301 Telephone No. 733-15034. Source of Water: SPRING WATER

5. Extent of Use:

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation _____ (acres) Other/Remark Hydr-Project6. Total rate &/or volume for which proof is submitted 30 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

8. Person to contact to accompany the department representative during the field examination:

(Name)

(Address)

(Telephone Number)

- ☒ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

Date

11/4/86

Signature of Permit Holder (and title, if appropriate)

Ronald A. Kase OWNER

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

A. Kenneth Dunn
Director

47-7679
KASEL, RONALD A.
RT. 6 BOX 9104
TWIN FALLS, ID 83301

138143

August 12, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers or geologists certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing of certified water

right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

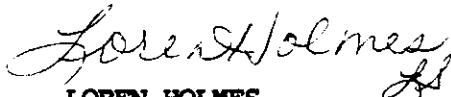
FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department office.

Southern Region
Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Sincerely,


LOREN HOLMES
Southern Regional Manager

Enclosures

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd. N.
Twin Falls, Idaho 83301
(208) 734-3578

FEBRUARY 11, 1986

RONALD A. KASEL
RT. 6 - BOX 9104
TWIN FALLS ID 83301

RE. Permit No. 47-7679

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this department.

A condition of approval of your original permit required the installation of a measuring device which, according to the proof card submitted by you, has not been installed. A measuring device must be installed and operating at the time the field examination is made. If a measuring device is not installed your permit may be subject to cancellation.

A condition of approval of your original permit required the installation of an access port which, according to the proof card submitted by you, has not been installed. An access port must be installed prior to the time a field examination is made.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 734-3578 or in person at our office at 1041 Blue Lakes Blvd. N. Twin Falls, Idaho.

Sincerely,
s/Mary A. Newby
Secretary

RECEIVED

OCT 22 1985

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

RECEIVED

OCT 18 1985

Department of Water Resources
Southern District Office

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 47-7679Name(s) of Permit Holder: Ronald A. KaselPost Office Address: Route #6, Box 9104, Twin Falls, ID 83301Telephone No. 733-1503Source of Water: Springs trib. to Snake R.

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation _____ (acres)

Other/Remarks Power - 30 cfsIndicate the date water was first diverted and beneficially used under this permit: March 3, 1983Measuring Device: Required? ☒ Yes ☐ No
Installed? ☐ Yes ☒ NoFlow Measurement Port: Required? ☒ Yes ☐ No Rating curve for ditch will be supplied.
Installed? ☐ Yes ☒ No

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

Permit holder

(Name)

MICROFILMED

(Address)

(Telephone Number)

The above information is a true statement of the extent to which the above numbered permit has been developed.

Date

10/18/85

Signature of Permit Holder (and Title, if appropriate)

Ronald A. Kasel1-28-86
FD



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

SEPTEMBER 1, 1985

DEAR PERMIT HOLDER:

ACCORDING TO OUR RECORDS, YOU ARE THE HOLDER OF A WATER PERMIT ON WHICH PROOF OF BENEFICIAL USE OF WATER WAS NOT SUBMITTED BEFORE JULY 1, 1985, WHICH INDICATES YOUR PROJECT IS NOT COMPLETE. THEREFORE, YOU NEED TO BE AWARE OF CHANGES IN IDAHO LAW, EFFECTIVE JULY 1, 1985, WHICH IMPACT ALL WATER PERMITS ISSUED BY THIS DEPARTMENT.

SPECIFICALLY, PURSUANT TO SECTION 42-203D, IDAHO CODE, THE DEPARTMENT MUST REVIEW ALL PERMITS FOR WHICH DEVELOPMENT OF WATER USE WAS NO COMPLETED ON OR BEFORE JULY 1, 1985, TO DETERMINE IF THEY MEET THE NEW REQUIREMENTS OF CHAPTER 2, TITLE 42, IDAHO CODE. RULES AND REGULATIONS GOVERNING THE RE-EVALUATION OF PERMITS ARE NOT YET FINALIZED. HOWEVER, IF YOU COMPLETED THE DEVELOPMENT UNDER YOUR PERMIT BEFORE JULY 1, 1985, YOU SHOULD SUBMIT A PROOF OF BENEFICIAL USE STATEMENT, STATING THAT THE PROJECT WAS COMPLETED BEFORE JULY 1, 1985 SO THAT YOUR PERMIT WILL NOT BE SUBJECT TO THE REVIEW REQUIREMENTS OF SECTION 42-203D, WHICH READS AS FOLLOWS:

42-203D. REVIEW OF PERMITS - OPPORTUNITY FOR HEARING. - (1)THE DEPARTMENT SHALL REVIEW ALL PERMITS ISSUED PRIOR TO THE EFFECTIVE DATE [JULY 1, 1985] OF THIS SECTION, EXCEPT TO THE EXTENT A PERMIT HAS BEEN PUT TO BENEFICIAL USE PRIOR TO JULY 1, 1985, TO DETERMINE WHETHER THEY COMPLY WITH THE PROVISIONS OF CHAPTER 2, TITLE 42, IDAHO CODE. IF THE DEPARTMENT FINDS THAT THE PROPOSED USE DOES NOT SATISFY THE CRITERIA OF CHAPTER 2, TITLE 42, IDAHO CODE, THEN THE DEPARTMENT SHALL EITHER CANCEL THE PERMIT OR IMPOSE THE CONDITIONS REQUIRED TO BRING THE PERMIT INTO COMPLIANCE WITH CHAPTER 2, TITLE 42, IDAHO CODE. IF THE DEPARTMENT FINDS THAT THE PERMIT SATISFIES THE CRITERIA ESTABLISHED IN CHAPTER 2, TITLE 42, IDAHO CODE, THEN THE DEPARTMENT SHALL ENTER AN ORDER CONTINUING THE PERMIT.

(2)THE DEPARTMENT SHALL PROVIDE AN OPPORTUNITY FOR HEARING IN ACCORDANCE WITH SECTION 42-1701A, IDAHO CODE, AND SECTIONS 67-5209 THROUGH 67-5215, IDAHO CODE, FOR EACH HOLDER OF A PERMIT THAT IS PROPOSED EITHER TO BE CANCELLED OR MADE SUBJECT TO NEW CONDITIONS.

YOU MAY OBTAIN PROOF OF BENEFICIAL USE FORMS FROM THE DEPARTMENT. IF YOU HAVE ANY QUESTIONS, PLEASE LET US KNOW.

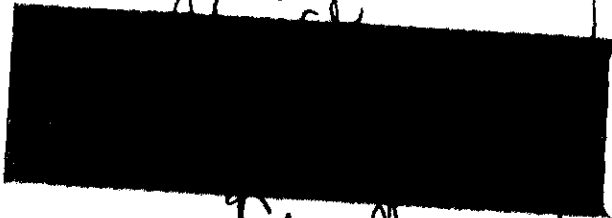
SINCERELY,

L. GLEN SAXTON
CHIEF, OPERATIONS BUREAU

MICROFILMED

DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

per assessor's
2/11/83-



Twin Falls

Ronald A. Kasel
Route #3
Twin Falls, ID 83301

RECEIVED
JAN 25 1983
Department of Water Resources

Forwarding
Pt 3
with

47-7679

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

KASEL, RONALD A.
RT. 3
TWIN FALLS, ID 83301

JANUARY 19, 1983

RE: PERMIT NO. 47-7679

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.

BE SURE TO NOTE THE SPECIAL CONDITION REQUIRING YOU TO INSTALL A MEASURING DEVICE, OR AN ACCESS PORT TO PROVIDE FOR THE INSTALLATION OF MEASURING EQUIPMENT BY THE DEPARTMENT. ENCLOSED PLEASE FIND A LIST OF MEASURING DEVICE OPTIONS, AND SPECIFICATIONS FOR THE INSTALLATION OF THE ACCESS PORT.

PLEASE BE ADVISED THAT PRIOR APPLICATIONS FOR PERMIT HAVE BEEN FILED TO APPROPRIATE WATER FROM YOUR SOURCE WHICH MAY IMPACT THE AVAILABILITY OF WATER TO BE USED UNDER THIS PERMIT. THEREFORE, YOU SHOULD BE SURE TO ANALYZE THE IMPACT OF THESE RIGHTS BEFORE MAKING A MAJOR INVESTMENT FOR YOUR WATER USE PROJECT.

SINCERELY,

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

ENCLOSURE



POWER CALCULATIONS FOR APPLICATION NO. 47-7679

P = Kilowatts .74 X hp

Q = cfs

H = feet

e = efficiency

proposed

617.16 KW

30 cfs

350 ft

?

$$e = \frac{P(11.8)}{QH} = \frac{617.16(11.8)}{30 \times 350} = \frac{7282.488}{10500} = .69 \text{ or } 69\%$$

Based on the above calculations the proposed project must have an 69 % efficiency.

RC 10/21
81

Overlap Review

7/0 47-7625 Power

7/0 47-7516 Irr

47-7682 Power - Already approved - Same applicant over

47-7678 Power - Different Stream DIT

45-7625 Power - Same source but only 6 cfs over

No bypassed rights
recommend # L14

10/14/82
NELSON, RSHOLT, ROBERTSON, TOLMAN & TUCKER
ATTORNEYS AT LAW
IDAHO FIRST NATIONAL BANK BUILDING
P.O. BOX 1906
TWIN FALLS, IDAHO 83301
(208) 734-0700

RECEIVED

OCT 19 1982

Department of Water Resources
Southern District Office

DATE:

10/14/82

TO:

Dept of Water Resources
1041 Blue Lakes Blvd N.
Twin Falls - Attn: Lorain Holmes

RE:

Kasee - 47-7679

47-7682

Already approved
(L25cfs - DCR)

Inclosed is the F.E.R.C. Exemption
that applies to the above numbered
Applications.

Please advise if more info
needed Before Issuance.

Re: Kasee.

NELSON, RSHOLT, ROBERTSON, TOLMAN & TUCKER

BY

Tom Rosholt

RECEIVED

21 FERC 162,016

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

K-W Company)

Project No. 6410-000

ORDER GRANTING EXEMPTION FROM LICENSING OF A
SMALL HYDROELECTRIC PROJECT OF 5 MW OR LESS

(Issued October 8, 1982)

The Applicant 1/ filed an application for exemption from all or part of Part I of the Federal Power Act pursuant to 18 C.F.R. Part 4 Subpart K (1980) implementing in part Section 408 of the Energy Security Act (Act) of 1980 for a project as described in the attached public notice. 2/ 3/

Notice of the application was published in accordance with Section 408 of the Act and the Commission's regulations and comments were requested from interested Federal and State agencies including the U.S. Fish and Wildlife Service and the State Fish and Wildlife Agency. All comments, protests and petitions to intervene that were filed have been considered. No agency has any objection relevant to issuance of this exemption.

- 1/ K-W Company, Project No. 6410, filed on June 7, 1982.
- 2/ Pub. Law 96-294, 94 Stat. 611. Section 408 of the ESA amends inter alia, Sections 405 and 408 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. §§2705 and 2708).
- 3/ Authority to act on this matter is delegated to the Deputy Director, Office of Electric Power Regulation, under §375.308 of the Commission's regulations, 18 C.F.R. §375.308 (1981) FERC Statutes and Regulations ¶30,238. This order may be appealed to the Commission by any party within 30 days of its issuance pursuant to Rule 1902, 18 C.F.R. 385.1902, FERC Statutes and Regulations ¶29,052 47 Fed. Reg. 19014 (1982). Filing an appeal and final Commission action on that appeal are prerequisites for filing an application for rehearing as provided in Section 313(a) of the Act. Filing an appeal does not operate as a stay of the effective date of this order or of any other date specified in this order, except as specifically directed by the Commission.

-2-

Standard Article 2, included in this exemption, requires compliance with any terms and conditions that Federal or State fish and wildlife agencies have determined appropriate to prevent loss of, or damage to, fish and wildlife resources. The terms and conditions referred to in Article 2 are contained in any letters of comment by these agencies which have been forwarded to the Applicant in conjunction with this exemption.

Should the Applicant contest any terms or conditions that were proposed by Federal or State agencies in their letters of comment as being outside the scope of Article 2, the Commission shall determine whether the disputed terms or conditions are outside the scope of Article 2.

It is ordered that:

(A) Kasel-Witherspoon Hydroelectric Project No. 6410, as described and designated in K-W Company's application filed on June 7, 1982, is exempted from all of the requirements of Part I of the Federal Power Act, including licensing, subject to the standard articles in §4.106 of the Commission's regulations attached hereto as Form E-2, 18 C.F.R. §4.106, 45 Fed. Reg. 76115 (November 18, 1980).

Robert E. Cackowski
Robert E. Cackowski
Deputy Director, Office of
Electric Power Regulation

SSS

RECEIVED
OCT 10 1982
Department of Water Resources
Southern District Office

MIN-000000

Project No. 6410-000

from the date of issuance of this notice, it will be presumed to have no comments. One copy of an agency's comments must also be sent to the applicant's representative.

Comments - Any qualified licensee applicant desiring to file a comment on or before the date of the Commission's decision must submit the comment to the Commission, not later than 120 days from the date that comments, protests, or petitions are due. Applications for preliminary permit will not be accepted.

A notice of intent must conform with the requirements of 18 C.F.R. § 4.31(b) and (c) (1980). A competing license application must conform with the requirements of 18 C.F.R. § 4.31(a) and (d) (1980).

Comments, protests, or petitions to intervene in accordance with the requirements of the Rules of Practice and Procedure, 18 C.F.R. § 4.31, must be filed with the Commission. In determining the appropriate action to take, the Commission will consider all protests or other comments filed, but only those who file a petition to intervene in accordance with the Commission's Rules may become a party to the proceeding. Any comments, protests, or petitions to intervene must be received on or before the first paragraph of this notice.

Renewal of License - Any licensee must submit the first paragraph of this notice.

Secretary
Kenneth F. Plumb

NOTICE OF APPLICATION FOR EXEMPTION FOR SMALL HYDROELECTRIC POWER PROJECT UNDER 5 MW CAPACITY (July 30, 1982)

R-M Company
Project No. 6410-000

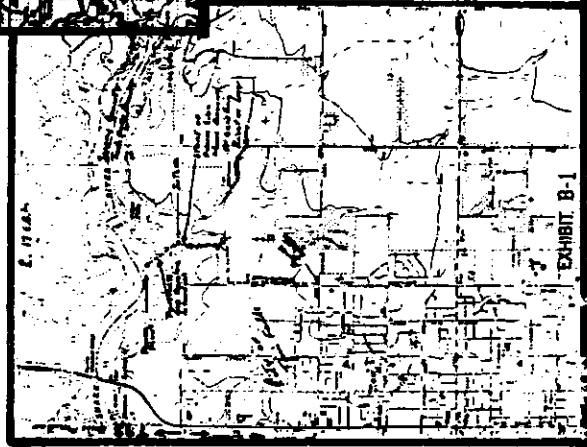
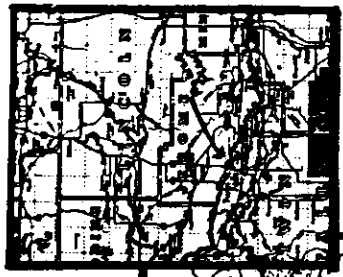
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Take notice that on June 7, 1982, R-M Company (Applicant) filed an application, under section 408 of the Energy Security Act of 1980 (Act), 18 U.S.C. § 35705, and 2708 as amended, for exemption of a proposed hydroelectric project from licensing under Part I of the Federal Power Act. The proposed small hydroelectric project No. 6410 would be located on an unnamed stream channel formed by run-offs from a spring, seepage water, and waste irrigation water in Twin Falls County, near the City of Twin Falls, Idaho. Correspondence with the Applicant should be directed to: R-M Company, Route 6, Twin Falls, Idaho 83301, with a copy to: John A. Moholtz, Regulator, P.O. Box 1986, Twin Falls, Idaho 83301.

Project Description - The proposed project would consist of: (1) penstock (2) a powerhouse with a proposed installed capacity of 1.0 MW operating under a head of 400 feet and (3) a 1,500-foot-long transmission line. The estimated average annual generation is 10.9 million kWh.

Purpose of Exemption - An exemption, if issued, gives the licensee priority of control, development, and operation of the project under the terms of the exemption from licensing, and protects the licensee from permit or license applicants that would seek to take or develop the project.

Agency Comments - The U.S. Fish and Wildlife Service, the National Marine Fisheries Service, and the Idaho Department of Fish and Game are requested, for the purposes set forth in Section 408 of the Act, to submit within 60 days from the date of issuance of this notice appropriate terms and conditions to protect any fish and wildlife resources or to otherwise carry out the provisions of the Fish and Wildlife Coordination Act. General comments concerning the project and its resources are requested; however, specific comments and conditions to be included as a condition of exemption must be clearly identified in the agency letter. If an agency does not file its terms and conditions within this time period, that agency will be presumed to have none. Other Federal, State, and local agencies are requested to provide any comments they may have in accordance with their duties and responsibilities. No exemption requests for comments will be made. Comments should be confined to substantive issues relevant to the granting of an exemption. If an agency does not file comments within 60 days of the date of issuance of this notice, it will be presumed to have no comments.



Kessel-Hartman
Project No. 6410
Twin Falls County
IDAHO

T.95, R.17 E. Sec. 35

DC-2-2

§ 4.106 Standard terms and conditions of exemption from licensing.

Any exemption from licensing granted under this subpart for a small hydroelectric power project is subject to the following standard terms and conditions:

(a) Article 1. The Commission reserves the right to conduct investigations under sections 4(g), 306, 307, and 311 of the Federal Power Act with respect to any acts, complaints, facts, conditions, practices, or other matters related to the construction, operation, or maintenance of the exempt project. If any term or condition of the exemption is violated, the Commission may revoke the exemption, issue a suitable order under section 4(g) of the Federal Power Act, or take appropriate action for enforcement, forfeiture, or penalties under Part III of the Federal Power Act.

(b) Article 2. The construction, operation, and maintenance of the exempt project must comply with any terms and conditions that any Federal or state fish and wildlife agencies have determined are appropriate to prevent loss of, or damage to, fish or wildlife resources or otherwise to carry out the purposes of the Fish and Wildlife Coordination Act, as specified in Exhibit E of the application for exemption from licensing or in the comments in response to the notice of the exemption application.

(c) Article 3. The Commission may accept a license application by any qualified license applicant and revoke this exemption if actual construction or development of any proposed generating facilities has not begun within 18 months, or been completed within four years, from the date on which this exemption was granted. If an exemption is revoked, the Commission will not accept a subsequent application for exemption within two years of the revocation.

(d) Article 4. This exemption is subject to the navigation servitude of the United States if the project is located on navigable waters of the United States.

(e) Article 5. This exemption does not confer any right to use or occupy any Federal lands that may be necessary for the development or operation of the project. Any right to use or occupy any Federal lands for those purposes must be obtained from the administering Federal land agencies. The Commission may accept a license application by any qualified license applicant and revoke this exemption, if any necessary right to use or occupy Federal lands for those purposes has not been obtained within one year from the date on which this exemption was granted.

NELSON, ROSHOLT, ROBERTSON, TOLMAN & TUCKER
ATTORNEYS AT LAW
IDAHO FIRST NATIONAL BANK BUILDING
P.O. BOX 1906
TWIN FALLS, IDAHO 83301
(208) 734-0700

DATE:

6/3/82

TO:

DWR

B.L. Blvd. N.

RE:

Road Kasal Permits

47-7679 & 47-7682

Enclosed is the Appl. for exemption
mailed to FERC today, pertaining
to above Applications.

RECEIVED

JUN 4 1982

Department of Water Resources

NELSON, ROSHOLT, ROBERTSON, TOLMAN & TUCKER

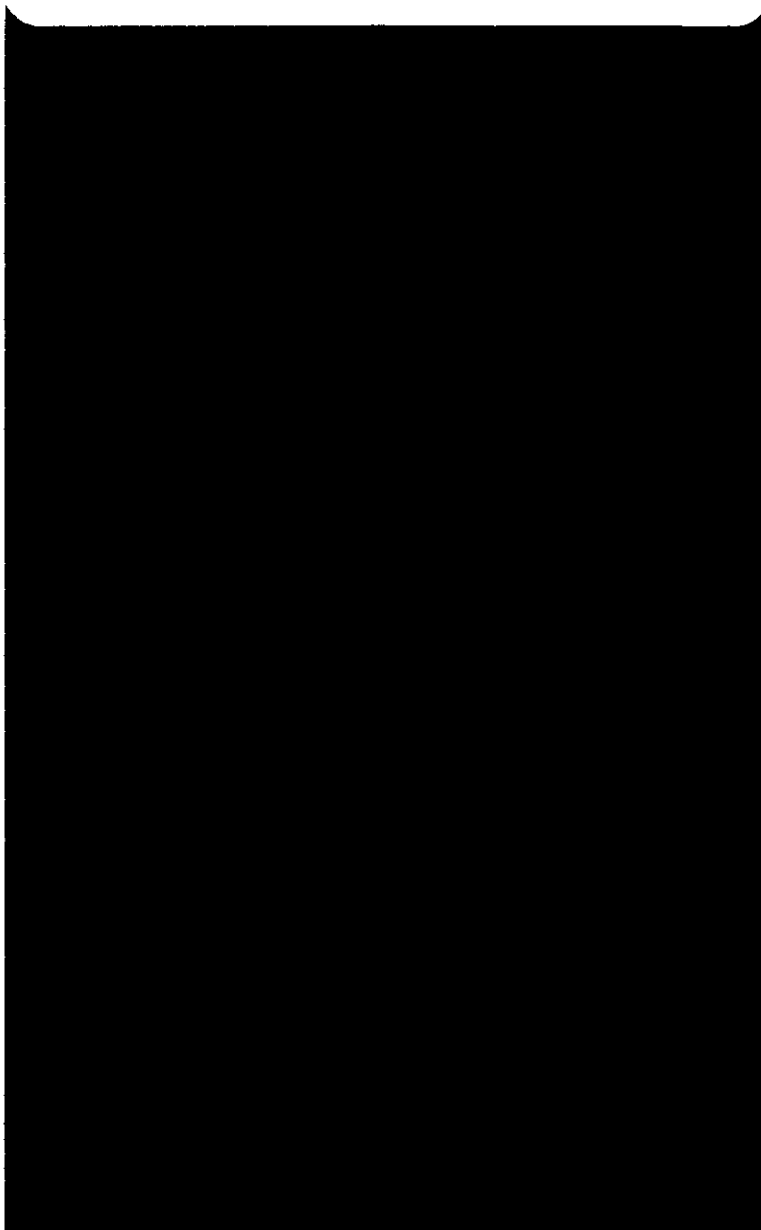
BY

John Rosholt

RECEIVED

JUN 4 1982

Department of Water Resources
Southern District Office



47-7682

APPLICATION FOR EXEMPTION OF
SMALL HYDRO ELECTRIC POWER
PROJECT FROM LICENSING
K-W CO., Applicant
Twin Falls, Idaho
June, 1982

BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

* * * * *

K-W Co., an Idaho General Partnership.	)	APPLICATION FOR EXEMPTION
	)	OF SMALL HYDRO ELECTRIC
	)	POWER PROJECT FROM
	)	LICENSING

* * * * *

(1) K-W Co., an Idaho General Partnership of Ronald A. Kasel and Jack Witherspoon, applies to the Federal Energy Regulatory Commission for an exemption for the Kasel-Witherspoon Project, a small hydro electric power project that is proposed to have an installed capacity of 5 megawatts or less, from licensing under the Federal Power Act.

(2) The location of the project is:

State or Territory: Idaho

County: Twin Falls

Township or Nearby Town: City of Twin Falls, Idaho city limit is within 1 1/2 mile to the South. The project is located in Section 35, Township 9 South, Range 17 East, Boise Meridian, Twin Falls County, Idaho.

Stream or Body of Water: Spring and seepage water form a stream channel (unnamed) which also collects waste irrigation water. The stream traverses the private land of the applicant. The unnamed stream is tributary to the Snake River in the SW 1/4 of Section 35, Township 9 South, Range 17 East, Boise Meridian, Twin Falls County, Idaho.

(3) The exact name and business address of each applicant:

K-W Co.
Ronald A. Kasel, General Partner
Route #6
Twin Falls, Idaho 83301

K-W Co.
Jack Witherspoon, General Partner
Route #6
Twin Falls, Idaho 83301

(4) The exact name and business address of each person authorized to act as agent for the applicant in this application are:

K-W Co.
Ronald A. Kasel, General Partner
Route #6
Twin Falls, Idaho 83301

K-W Co.
Jack Witherspoon, General Partner
Route #6
Twin Falls, Idaho 83301

John A. Rosholt
Attorney at Law
P. O. Box 1906
Twin Falls, Idaho 83301

(5) K-W Co., is an Idaho general partnership formed under the laws of the State of Idaho.

DATED this 1 day of June, 1982.

K-W CO.

By: Ronald A Kasel
Ronald A. Kasel
General Partner

By: Jack B Witherspoon
Jack Witherspoon
General Partner

VERIFICATION

STATE OF IDAHO)
) ss.
County of Twin Falls)

Ronald A. Kasel, being first duly sworn, state that I am the agent for K-W Co., and have the authority to execute this Application for Exemption of Small Hydro Electric Power Project from Licensing; that I have read said Application and know the contents thereof; and that all the statements contained therein are true and correct to the best of my knowledge and belief.

Ronald A. Kasel
Ronald A. Kasel

SUBSCRIBED and SWORN to before me, a Notary Public in and for said County and State, this 1 day of June, 1982.

John A. Rosenthal
NOTARY PUBLIC FOR IDAHO
Residing at: Twin Falls

VERIFICATION

STATE OF IDAHO)
) ss.
County of Twin Falls)

Jack Witherspoon, being first duly sworn, state that I am the agent for K-W Co., and have the authority to execute this Application for Exemption of Small Hydro Electric Power Project from Licensing; that I have read said Application and know the contents thereof; and that all the statements contained therein are true and correct to the best of my knowledge and belief.

Jack B. Witherspoon
Jack Witherspoon

SUBSCRIBED and SWORN to before me, a Notary Public in and for said County and State, this 1 day of June, 1982.

John A. Rosenthal
NOTARY PUBLIC FOR IDAHO
Residing at: Twin Falls

EXHIBIT "A"

Small Hydro Power Project Description Proposed Motive of Operation

(1) Proposed project works: No dam will be required as water from the unnamed stream will be diverted into a catch basin which forms no pond or stilling well or surface impoundment. Water will be diverted directly into the intake structure and conveyed by penstock approximately 1,440 feet from the headworks over the rim of the Snake River Canyon to river elevation level, where the turbines will be located. Penstock will be a thirty (30) inch diameter steel pipe which feeds a manifold in the intake structure equalizing pressure on the turbines. The turbines are supported on steel I-beams above a concrete sump with water feeding directly into present channel and will flow to the river from the generation unit. The penstock will be a .344 inch wall.

All construction materials shall be of steel and concrete except for the turbines and transmission facilities. Transmission will be via 1,500 feet of new line from the powerhouse back up to the rim of the canyon to adjoin an existing three phase line.

(2) Number of Proposed Units. Applicant proposes the construction of six (6), fifteen (15) inch diameter, 12 c/f/s turbines, with provisions for two additional turbines.

(3) Type of Hydraulic Turbines. Francis Runner. Turbines.

(4) Description of How the Power Plant is to be Operated. The plant, operated and run of river, uses valves on each turbine to match generating ability with stream flow.

(5) Estimated Average Annual Flow. 30 c/f/s.

(6) Estimations of:

- (i) The average annual generation in kilowatt hours: 10,864,400 kilowatt hours.
- (ii) The average and design head of the power plant: 440 feet.
- (iii) Hydraulic capacity of each turbine: A maximum of 12 c/f/s for each of six (6) turbines.

(iv) The surface acres of impoundment: There will be no surface impoundment used and no storage.

(7) The Planned Date for Beginning and Completing the Proposed Construction or Development: It is anticipated that construction would begin within the year following receipt of a FERC exemption.

(8) Description of the Nature and Extent of any Repair, Reconstruction, or other Modification of a Dam: Not applicable.

EXHIBIT "B"

Exhibit B-1 is a U.S. Geological Survey Map showing the location of the physical structures and the relationship of the project structures to the unnamed stream, the Snake River, and to the City of Twin Falls.

Ronald A. Kasel owns the real property interest on all the property to be utilized. The property will be made available to K-W Co. on a long-term lease.

R. 17 E.B.M

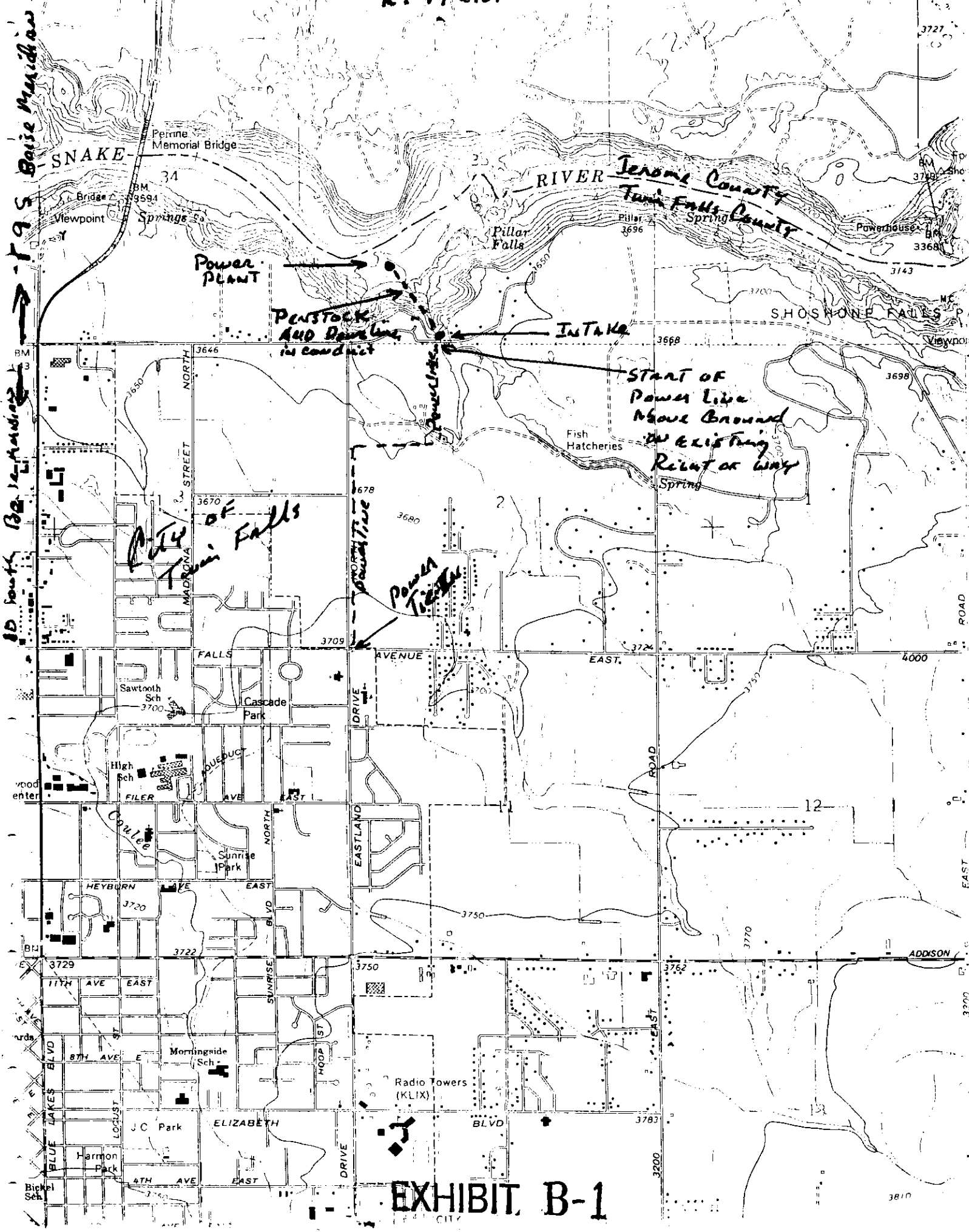


EXHIBIT B-1

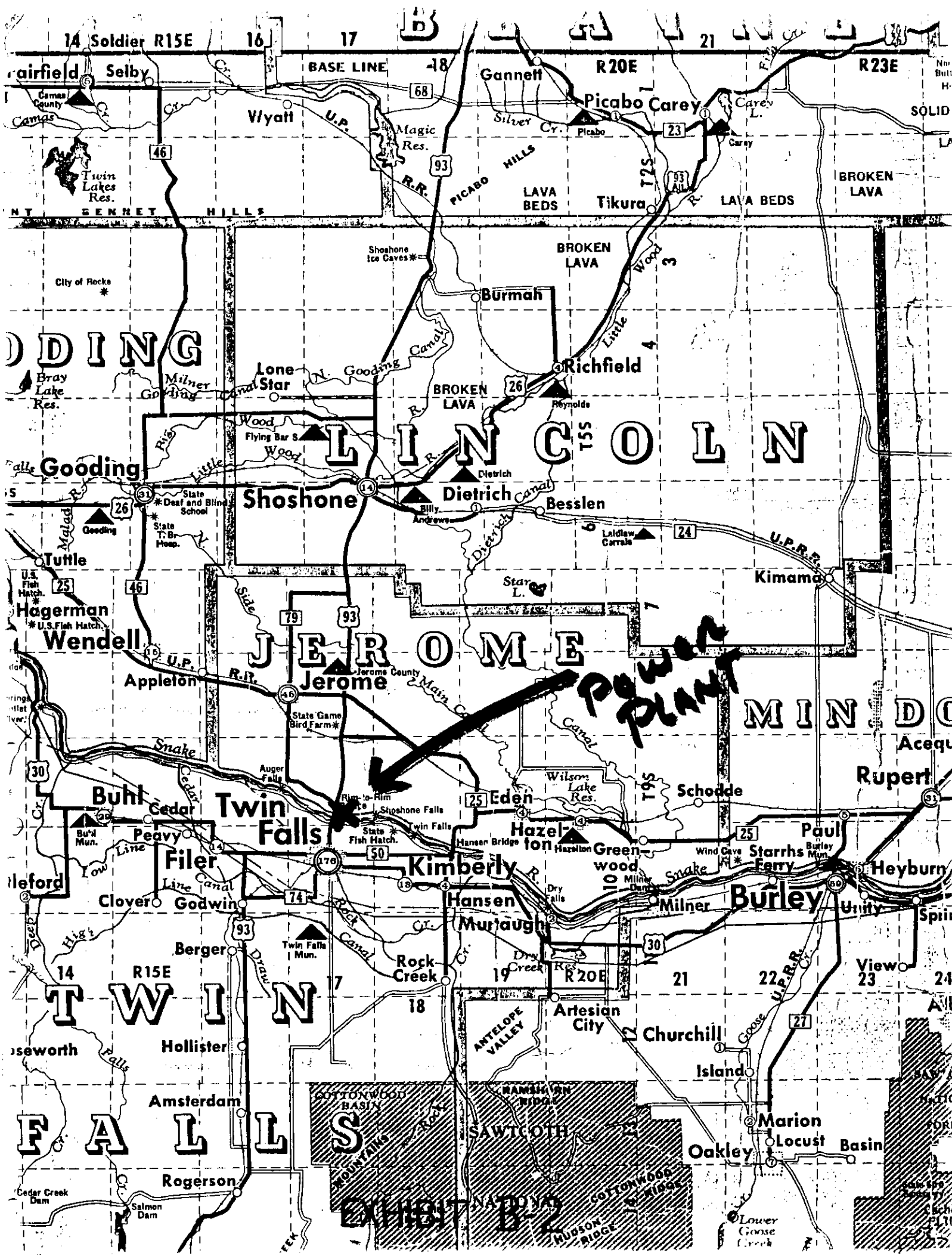


EXHIBIT "E"

1. Environmental Setting:

(a) General. The proposed power plant will be located on the banks of the Snake River approximately 1 mile east of the Perrine Bridge which bridge spans from rim to rim of the Snake River Canyon and connects Twin Falls and Jerome Counties by highway. Hydro power will be generated from water diverted from an unnamed stream into a catch basin some 440 feet above. The water will then be discharged into the Snake River. The proposed project will generate about 1 megawatt of hydroelectricity.

The unnamed stream channel is created by springs and seepage. The stream also collects waste irrigation water during the irrigation months. The water presently flows to the north and as it falls over the canyon rim, creates a 400 foot water fall.

At present the applicants have filed with the State of Idaho for applications for permit to use up to 44 c/f/s of water. However, it appears that construction for an average flow of 30 c/f/s would be optimum. The State presently withholds issuing water permits until the FERC permission is obtained.

(b) Vegetation. The proposed project is located in a semi-arid area and receives approximately eight (8) inches of precipitation annually. Natural vegetation consists of sage brush, cheatgrass, wheatgrass, and other semi-arid species. The area adjacent to the Snake River is characterized by riparian vegetation of vines, weeds, etc. Several willow species are common along the Snake River and represent the dominant vegetation. Russian Olive trees exist and vegetation appears most prolific in areas which are inundated by spring floods below the level of the proposed power plant construction. A variety of grasses and herbs also occur in the riparian zone.

The canyon wall is essentially all columnar lava formation. Prior to irrigation of the Twin Falls tract to the south, it is likely that the springs which form the basis for the water for this power application flowed only in insignificant amounts under flooding conditions. However, with the advent of irrigation early in the century, the lands adjacent to the spring flows are now either pastured or row-cropped. A complex arrangement of canals, ditches, and coulees serve the adjacent lands on the top of the canyon

with irrigation water supplies. The surface irrigation has created the springs and seepage streams by recharging the ground water.

(c) Fish and Wildlife Resources. This reach of the Snake River should not be impacted by the construction of the plant. The river is a valuable fishery resource, but it appears that no problems will be incurred by the construction of the facility as long as a small by-pass is maintained to perpetuate the vegetation as suggested in Exhibits "E-1" and "E-2" hereto, and the Idaho Department of Fish and Game and the U.S. Fish & Wildlife Service.

The reach of the Snake River which will receive the subject water will not be impacted according to the Idaho Department of Health and Welfare. (See Exhibit "E-3") This Department has the jurisdiction for State water quality matters.

The Snake River Canyon at this location supports pintail, widgeon, and green-wing teal ducks. While Canadian geese and mallards are not generally resident in the immediate project area, they occasionally visit the water way and adjacent farm land. The Snake River general vicinity does serve as a wintering area for Canadian ducks and geese.

The river, itself supports a mixed fishery. There are rainbow, cutthroat and brown trout and some white fish. There are some bass, catfish, and some sturgeon. Non-game fish found in the subject reach of the Snake reach including carp, squawfish, and suckers.

A variety of non-game birds occupy the general subject project area including blackbirds, magpies, sparrows, killdeer, and larks. There are some ring-necked chinese pheasant, doves, and partridge as well as quail that occupy the canyon areas. There are a variety of raptors which range along the Snake River Canyon in adjacent areas. Hawks include the swainsons, sparrow hawk, red-tailed and rough legged. There are some owl found in the Snake River areas, including the horned owl. Golden eagles are not common in the project area.

Animals which may be found in the project area are cottontails and jackrabbit, badger, coyote, skunk, weasels, ground squirrels, mice and muskrat. The mule deer is the only large animal that occasionally visits the area.

(d) Water Quality and Quantity. With the minimal by-pass prescribed by the Fish and Wildlife Agencies, the

water which is passed through the penstock would essentially be discharged at the same quality as received.

(e) Land and Water Use. Essentially the canyon is inaccessible because of a 400 foot sheer cliff, except where roadways have been hued from the canyon wall to make access to the river. The roadway accesses that presently exist are at least 1 1/2 miles downstream to the west. While those roads grant access to the Snake River, the property in question is only accessible from that point by boat. Just east of the project area is Pillar Falls on Snake River which would prohibit the migration of fish up Snake River as well as the passage of any boat. The canyon is essentially not used in the immediate project area, although the property would provide some grazing if accessible for livestock.

(f) Recreational Uses. Some fishing and hunting is conducted on or near the river adjacent to the properties of Kasel. Hiking and rock climbing are activities which occur only infrequently because of the extreme hazards involved in negotiating a 400 foot sheer cliff.

(g) Historical and Archeological Resources. See Exhibit "E-4" hereto whereby the Idaho Historical Society has stated that the project will have no effect on archeological or historic properties.

(h) Scenic and Aesthetic Resources. The proposed project will have impact on aesthetics of the area. While the canyon contains interesting and unique sites, including vertical rock walls, the particular property cannot be viewed except from a boat located in the canyon, or by a hiker who would be on the north rim of the canyon. One of the applicants, Jack Witherspoon, lives on the bluff adjacent to the project site to the east. Lands along the south side of the canyon rim are private. The public are provided access to the canyon at several locations, one being approximately 1 1/2 miles west of this property along the canyon rim.

(i) Endangered or Threatened Species. There are no known endangered or threatened species common to the project area. However, the bald eagle, an endangered specie, is known to winter along the Snake River, although generally found in a reach of the river some 70 miles to the west. Peregrine falcon has also been observed along the Snake River Canyon. Whooping Crane has been reestablished in Idaho, although its refuge is about 150 miles away. It is unlikely that a crane would visit the project area.

(j) Critical Habitat. The canyon provides habitat for birds of prey. However, the project will not have a detrimental impact on this habitat. The canyon is not significantly different from the Salmon Falls Creek Canyon, Blue Lakes Canyon, the Rock Creek Canyon, and other tributary canyons found in the general area.

(k) National Register of Historic Places. There are no buildings or structures that would be affected by the project and the area has no special historic significance. There are no sites in the immediate project area which would be eligible for inclusion in the national register of historic places.

2. Expected Environmental Impacts. Construction of the diversion structure, excavation for the construction of the penstock, the powerhouse, and the discharge section, and the erection of a transmission line will be the primary activities that could produce environmental impacts. Because of the inaccessibility, a roadway will also be constructed, although essentially used only for construction purposes. During the construction phase there should be no turbidity in the Snake River water by reason of the fact that the water will continue in its natural channel until such time as it is diverted into the penstock. Some small amount of turbidity may result at the time the plant is first connected as the discharge water finds its way back into the existing channel before discharge into the river.

The powerhouse, penstock, and transmission lines will tend to produce a negative impact on the aesthetic quality of the Snake River Canyon. The impact can be mitigated by the restoration of the disturbed areas to the extent possible.

Some increased noise will occur within the powerhouse and immediate area. However, the noise impact will be negligible to the extent that no human habitation exists within 450 feet and the roar of the Snake River, and essentially Pillar Falls to the east would "drowned out" such noise. Because the operation of the generating and the transmission facilities could pose a safety hazard to animals and any curious humans who pass through the project area, the critical facilities will be enclosed by security fencing. The transmission line from the powerplant to the top of the canyon will be in conduit. At that point the line will be attached to existing poles located on existing right of ways.

RECEIVED MAY 5 1982



May 4, 1982

Mr. John A. Rosholt
P. O. Box 1906
Twin Falls, ID 83301

Re: Cogeneration Plant--Ron Kasel
Spring Tributary to Snake River

Dear John:

Bob Bell looked over this proposed development on January 6 accompanied by Jack Witherspoon of Cogeneration. The project would have a very minimal impact on the environment and none on the limited fishery in the seep. There is some very sparse riparian habitat on the portion of the seep flowing over the canyon rim and the 5 to 10 cfs remaining flow in the spring would be more than necessary to maintain it.

Sincerely,


William E. Webb
Regional Supervisor

enclosure

EXHIBIT E-1



STATE OF IDAHO

DEPARTMENT OF FISH AND GAME

Region 4
868 East Main - Box 428
JEROME, IDAHO 83338

December 15, 1981

John
Kasel

Mr. John A. Rosholt
P. O. Box 1906
Twin Falls, Idaho 83301

Re: Cogeneration Plant -- Ron Kasel
Springs Tributary to Snake River

Dear John:

The Department of Fish and Game has reviewed Mr. Kasel's application. It appears the project would have minimal impacts on fish and wildlife resources in the area.

While we do not oppose the project, we will need to make an on-site inspection of the site sometime in the near future.

This letter may be sent with your application to FERC recording your initial contact with the Department.

Sincerely,

William E. Webb

William E. Webb
Supervisor, Region 4

cc: Bureau of Program Coordination

RECEIVED JAN 20 1982



United States Department of the Interior

FISH AND WILDLIFE SERVICE

ECOLOGICAL SERVICES
4620 Overland Road, Room 209
Boise, Idaho 83705

January 19, 1982

Mr. John A. Rosholt
Attorney at Law
P. O. Box 1906
Twin Falls, Idaho 83301

Dear Mr. Rosholt:

This responds to your December 1, 1981 request for our Service to review the exemption application for the hydroelectric project proposed on Mr. Ronald A. Kasel's privately owned land, located in Twin Falls, Idaho.

Based on our review of the proposed plans and our discussion with personnel of the Idaho Department of Fish and Game, our Service would have no objections to the project, provided the remnant riparian habitat was assured an adequate year-round water flow. It's our understanding that the project will require approximately 30 cfs to become fully operational and that approximately 5 to 10 cfs will remain in the streamway.

If this remaining streamflow of 5 to 10 cfs was discussed and agreed to in the exemption application, our Service would be able to expedite this application with minimal delay.

We appreciate being advised of this proposal and the opportunity to have reviewed this plan. Thank you.

Sincerely yours,

Dennis G. Buechler
Field Supervisor

cc: IDFG, Headquarters, Boise
IDFG, Region 4, Jerome
(Attn: Bob Bell)

EXHIBIT E-2

RECEIVED MAY 10 1982



STATE OF IDAHO

DEPARTMENT OF HEALTH
AND WELFARE

DIVISION OF ENVIRONMENT
Statehouse
Boise, Idaho 83720

May 5, 1982

John A. Rosholt
Attorney At Law
P.O. Box 1906
Twin Falls, Idaho 83301

RE: Small Hydroelectric Power Project - Ron Kasel

Dear Mr. Rosholt:

As per your letter of January 7, 1982 concerning the small hydroelectric project for Ron Kasel. We agree that the proposed construction should not affect the dissolved oxygen content of the water. As to sediment that may be generated during construction, we request that you use construction techniques that will minimize the generation of sediment and that all construction scars be reseeded or treated in a manner to prevent sediment generation.

We thank you for the opportunity to comment on this project.

Sincerely,

A handwritten signature in cursive script that reads "Larry L. Koenig".

Larry L. Koenig, Manager
Source Control Section

LLK:lab

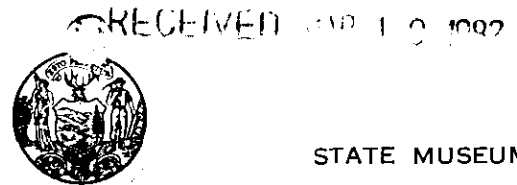
EXHIBIT E-3

EQUAL OPPORTUNITY EMPLOYER

IDAHO STATE HISTORICAL SOCIETY

610 NORTH JULIA DAVIS DRIVE BOISE, IDAHO 83706

March 17, 1982



STATE MUSEUM

Mr. John Rosholt
Nelson, Rosholt, Robertson,
Tolman & Tucker
P.O. Box 1906
Twin Falls, Idaho 33301

Dear Mr. Rosholt:

An archaeologist has inspected the location of Ron Kasel's hydroelectric project near Twin Falls. This project will have no effect on significant archaeological or historic properties.

Sincerely,

Thomas Green
State Archaeologist
State Historic Preservation Office

EXHIBIT E-4

EXHIBIT "G"

Drawings

Exhibit G-1: Elevation and Plot Diagram.

Exhibit G-2: Section Views.

Exhibit G-3: Other principal structures of the
project.

Exhibit G-3-1: Intake Structure.

KASEL AND WITHERSPOON HYDRO-ELECTRIC PROJECT
ENTIRELY PRIVATE LAND.
PLOT DIAGRAM

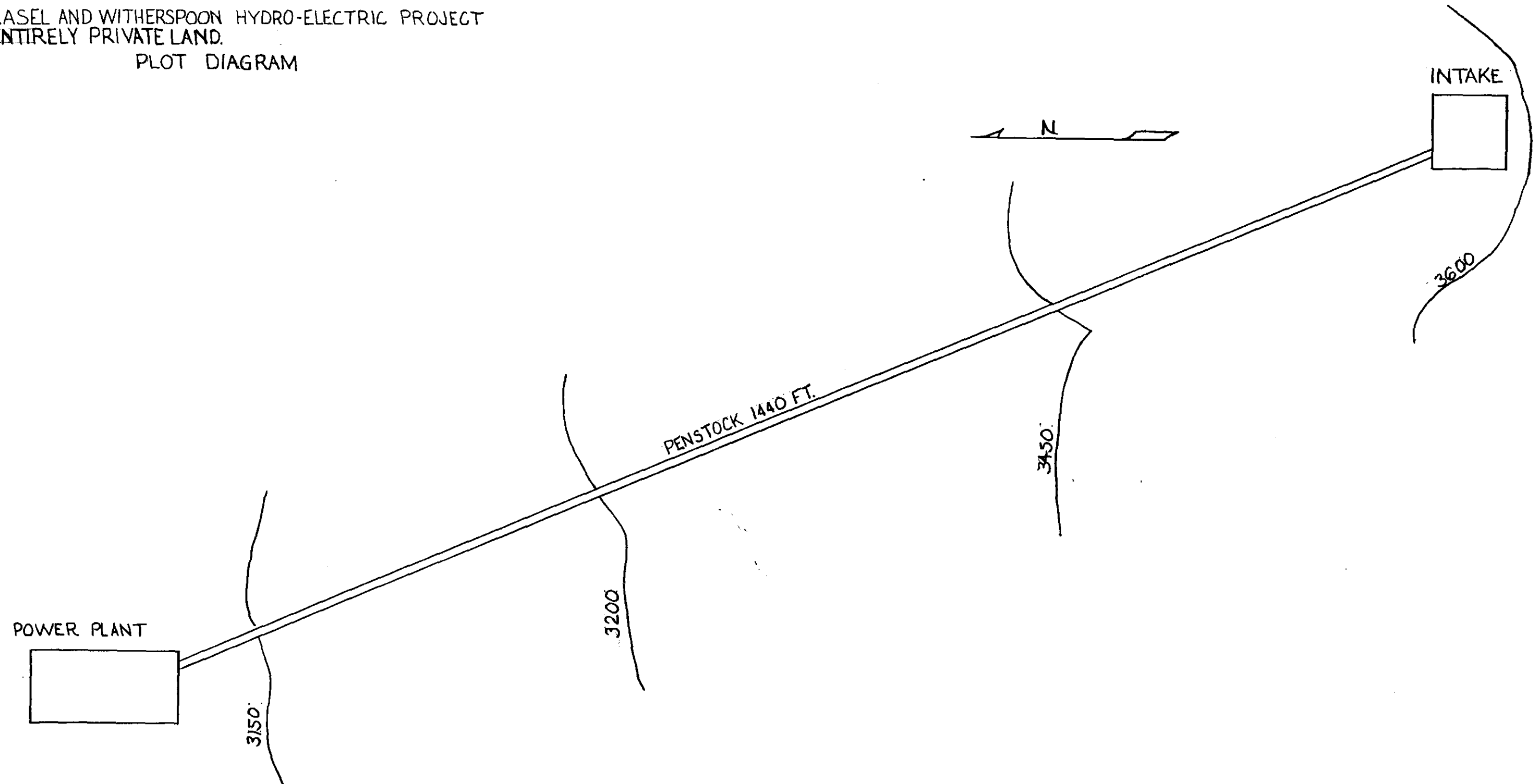
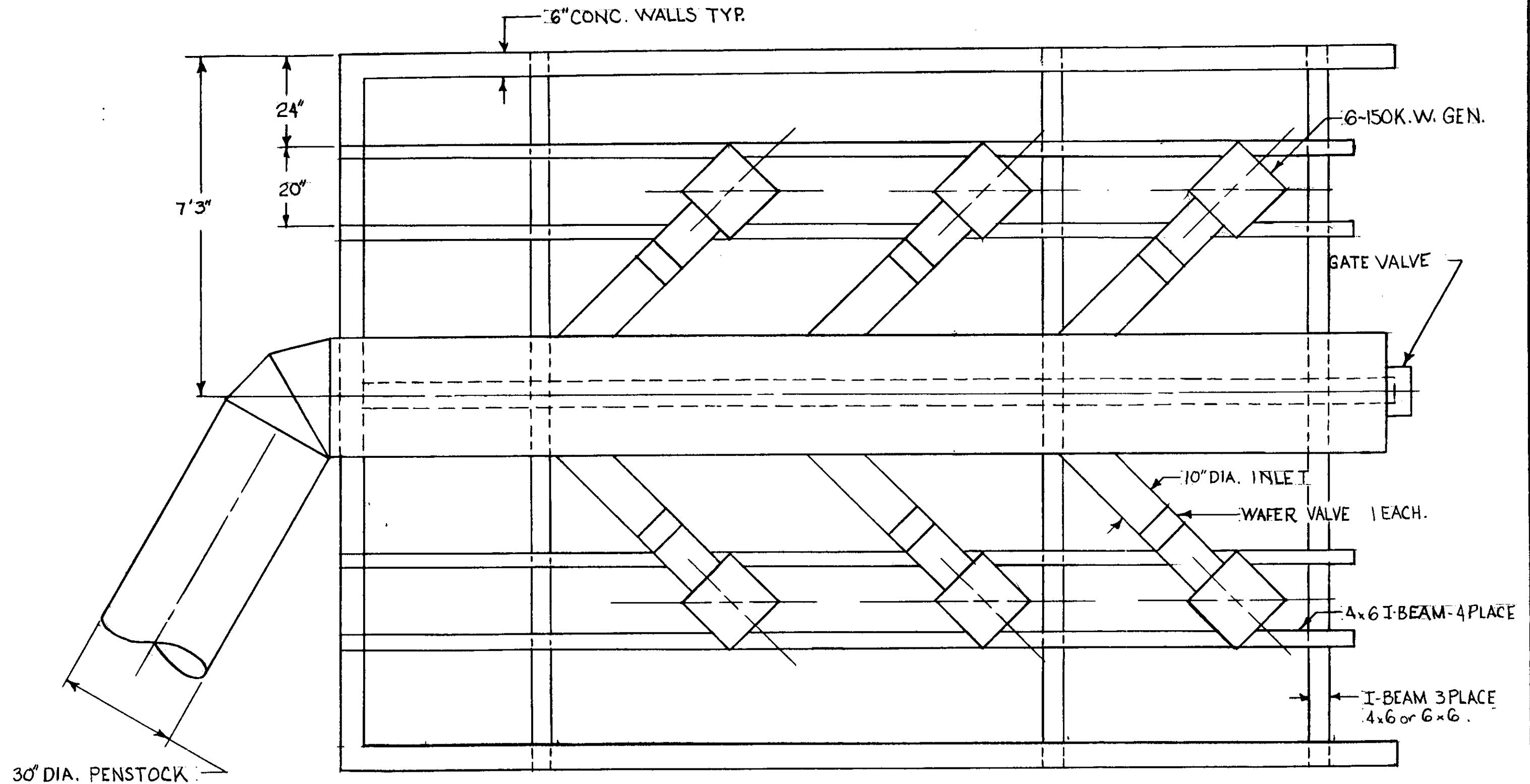


EXHIBIT G-1

IDAHO PUMP SUPPLY TWIN FALLS, IDAHO		
KASEL & WITHERSPOON		SCALE: NT.S.
NO. 3 of	DATE: 11-30-81	BY: T. Jones

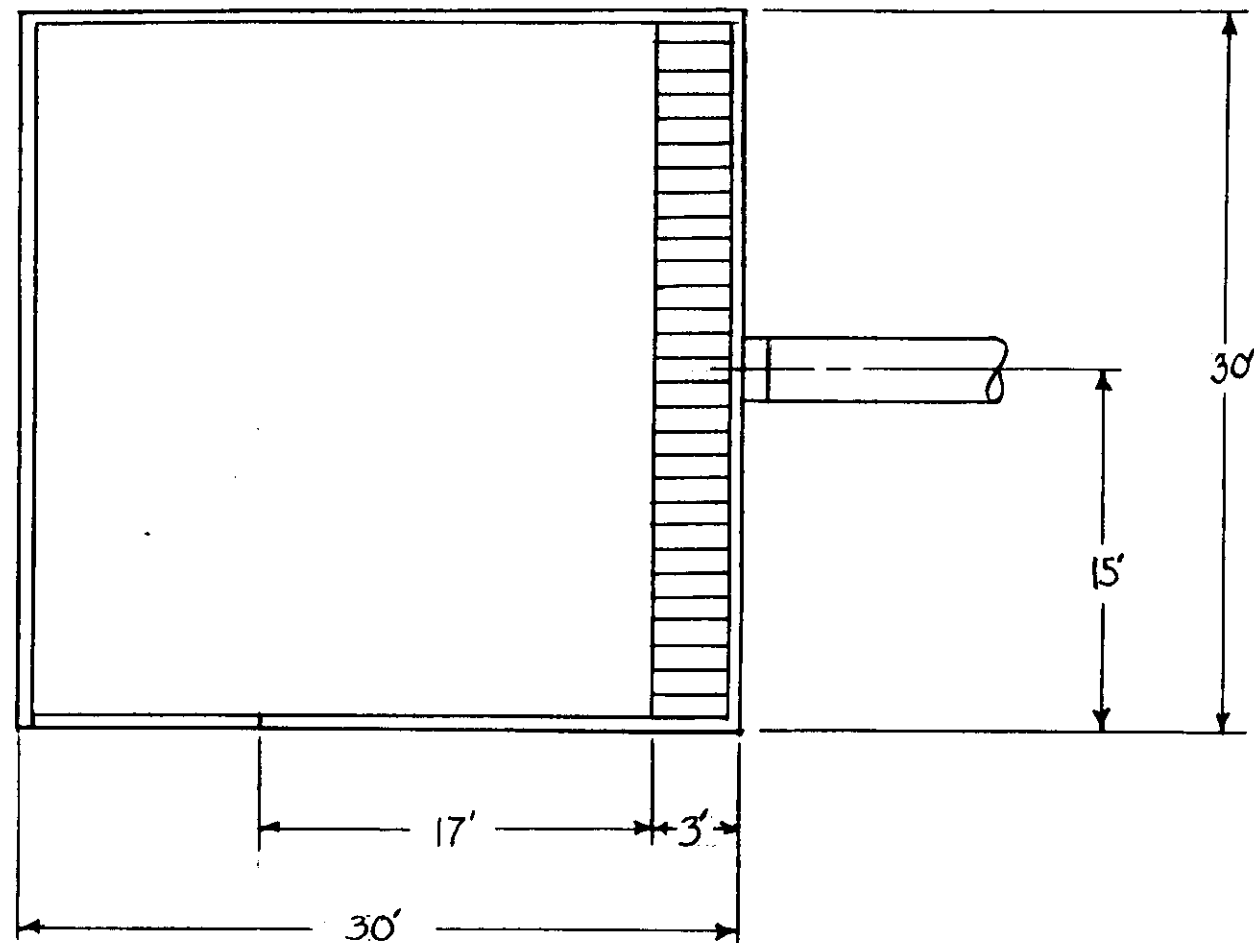


TURBINE BASE. SUPPORT STRUCTURE
~ TOP VIEW ~

IDAHO PUMP SUPPLY
TWIN FALLS, IDAHO

KASEL & WITHERSPOON

SCALE: $\frac{1}{2}" = 1'$



NOTE: INTAKE STRUCTURE
TRASH RACK IS WELDED STEEL

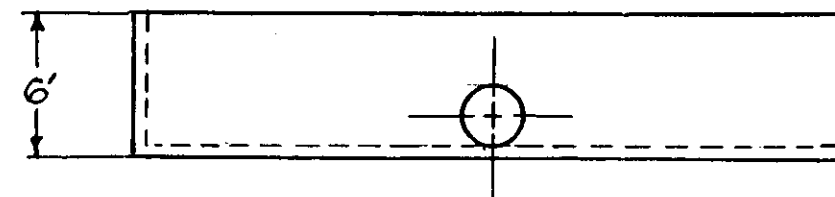
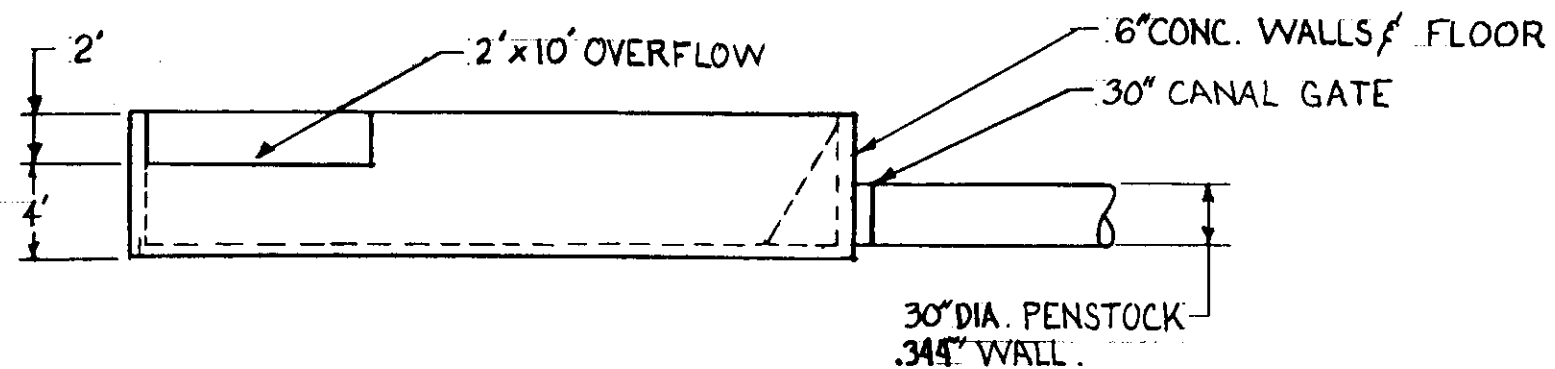


EXHIBIT G-3

IDAHO PUMP SUPPLY TWIN FALLS, IDAHO		
KASEL & WITHERSPOON		SCALE: $\frac{1}{8}" = 1'$
NO. 2 of	DATE: 11-30-81	BY: T. Jones

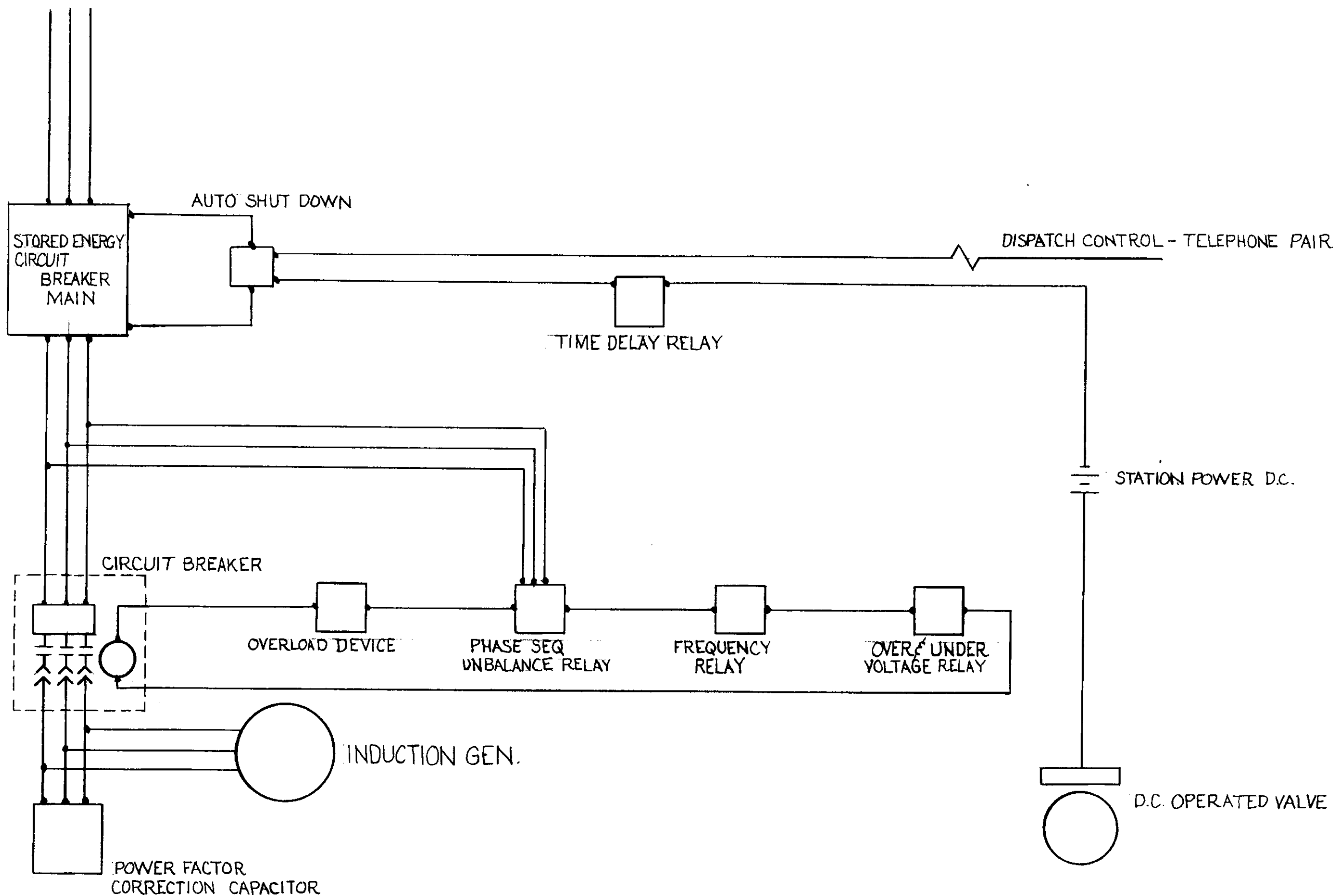


EXHIBIT G-3-1

IDAHO PUMP SUPPLY		
TWIN FALLS, IDAHO		
TYP. - ELECTRICAL BLK.	SCALE N.T.S.	
NO.	DATE: 11-23-81	BY: T.T.



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

October 27, 1981

RE: Applications for Permit Nos. 47-7679 and 47-7682

Ronald A. Kasel
Route #3
Twin Falls, ID 83301

Dear Mr. Kasel:

We have completed a preliminary review of the above referenced application. This review has included advertising by the regional office and a verification that all required preliminary information has been provided.

For power projects that are under the jurisdiction of the Federal Energy Regulatory Commission (FERC), we withhold final action on the application pending FERC approval of (1) a preliminary permit, or (2) an exemption. If you have not yet contacted FERC, the address below is a good starting point:

Regional Engineer
San Francisco Regional Office
Federal Energy Regulatory Commission
333 Market Street, Sixth Floor
San Francisco, CA 94105-2195
Telephone No. (415) 974-7177

The continued validity of this application is contingent on your proceeding with due diligence toward obtaining an approval or an exemption from FERC. Please keep this office informed of progress in this regard.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SANDWICH
TWIN FALLS, IDAHO 83301

RECEIVED

5 1981

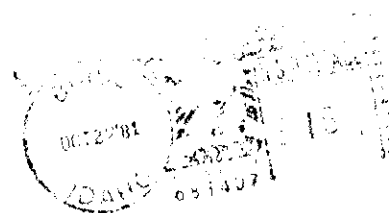
NOV

Department of Water Resources

Ronald A. Kasel
Route #3
Twin Falls, ID 83301

PRESORTED
FIRST-CLASS

UNDELIVERABLE AS ADDRESSED



MICROFILMED



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

October 27, 1981

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Route #3
Twin Falls, ID 83301

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San Francisco, CA 94105-2195
Telephone No. (415) 974-7177

The continued validity of this application is contingent on your proceeding with due diligence toward obtaining an approval or an exemption from FERC. Please keep this office informed of progress in this regard.

Sincerely,

L. N. SAXTON
Chief, Operations Bureau

LGS:kw

copy



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

July 24, 1981

RE: Application for Permit No.

47-7679

Dear Applicant:

The 1981 Idaho Legislature made a change in Section 42-205, Idaho Code, that may affect the above referenced application. The change requires that if a proposed hydropower project will use existing irrigation facilities, the approval of the owner of the facilities must be obtained before an application for permit to develop a water right can be approved.

Please find enclosed an affidavit which we must receive before we can complete the review of your application. Please complete the affidavit, sign it before a notary, and return it to this office at your earliest convenience, no later than August 15, 1981.

Sincerely,

A handwritten signature in cursive script that reads "David R. Tuthill Jr.".

DAVID R. TUTHILL JR., P. E.
Supervisor, Water Allocation Section

DRT:jg

Enclosure

ENCLOSURE



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

September 30, 1981

John A. Rosholt
Attorney at Law
P. O. Box 1906
Twin Falls, Idaho 83301

Re: Applications 47-7679 and 47-7682 - Ronald A. Kasel

Dear John:

Returned herewith is the financial statement of Ronald A. & Carole J. Kasel.

A memorandum has been placed in each of the above application files indicating the the applicant has made a showing of financial capability to undertake the proposed projects.

Very truly yours,

Loren O. Holmes
Southern Region Supervisor

LOH:marya

Encl:

cc: Ronald Kasel

INTER-DEPARTMENT MEMO — 1

FROM Loten Holmes

DATE 9/29/81

TO File 47-7679

SUBJECT Review of Financial statement of Applicant.

I have reviewed a statement of assets & liabilities submitted by the Applicant & it appears that the applicant has assets at least equalling the projected construction costs referred to in John Rosholt's letter of Sept 16, 1981.

LH

SIGNATURE

NELSON, ROSHOLT, ROBERTSON, TOLMAN & TUCKER

ATTORNEYS AT LAW

P. O. BOX 1906
TWIN FALLS, IDAHO 83301
TELEPHONE (208) 734-0700

THOMAS G. NELSON
JOHN A. ROSHOLT
J. EVAN ROBERTSON
STEVEN K. TOLMAN
JAMES C. TUCKER

SUN VALLEY-KETCHUM OFFICE
P.O. BOX 2399
SUN VALLEY, IDAHO 83353
TELEPHONE (208) 726-4491

September 16, 1981

Department of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301

Water Resources
District Office

Re: Application Nos. 47-7679 and 47-7682 - Ron Kasel

Dear Sir:

Find enclosed an affidavit pertaining to Application No. 47-7682.

As to Application No. 47-7679 for 30 c/f/s for power generation purposes, find enclosed an affidavit. Also find enclosed a financial statement for Ron and Carol Kasel. Further enclosed are some general plans of the power facility contemplated. The cost estimated is not yet available, although early indications are that the facility will cost between \$500,000.00 and \$750,000.00.

I would request that if the Department has questions of Kasel in regard to design and cost breakdown, that Jack Witherspoon be contacted at 733-2598. He is consulting with Mr. Kasel and would be available to come in and answer whatever questions the Department may have.

The parties are anxious to proceed with this project and ask for expeditious handling of Application No. 47-7679.

Respectfully submitted,

John A. Rosholt
JOHN A. ROSHOLT

JAR:bg

Enclosures

cc: Jack Witherspoon
Ron Kasel



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

July 24, 1981

RECEIVED

AUG 10 1981

Department of Water Resources
Southern District Office

RE: Application for Permit No. 47.7679

Dear Applicant:

The 1981 Idaho Legislature made a change in Section 42-205, Idaho Code, that may affect the above referenced application. The change requires that if a proposed hydropower project will use existing irrigation facilities, the approval of the owner of the facilities must be obtained before an application for permit to develop a water right can be approved.

Please find enclosed an affidavit which we must receive before we can complete the review of your application. Please complete the affidavit, sign it before a notary, and return it to this office at your earliest convenience, no later than August 15, 1981.

Sincerely,

DAVID R. TUTHILL JR., P. E.

Supervisor, Water Allocation Section

DRT:jg

Enclosure

ENCLOSURE



TWIN FALLS CANAL COMPANY

POST OFFICE BOX 326
TWIN FALLS, IDAHO, 83301



December 18, 1980

Department of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301

RE: App. for Permit No. 47-7682, 47-7679
Name: Ronald Kasel

Gentlemen:

The Twin Falls Canal Company after researching filed water right permit has concluded that water sought to be appropriated is waste water, which would accrue below the Company's last delivery. However, we are advised that many others hold prior rights to this waste water and of course the holder has a right to cease wasting water.

The Canal Company will continue to make deliveries to their shareholders to the extent possible, but makes no effort to put additional water in the ditches so as to insure that waste water would be available for permits such as this one.

Respectfully Submitted,

C.W. Travis
General Manager

CWT:brw

RECEIVED
DEC 22 1980
SOUTHERN DISTRICT



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

December 4, 1980

Mr. Alex Schaefer
Department of Health & Welfare
Division of Environment
P. O. Box 1626
Twin Falls, Idaho 83301

Re: Application for Permit No. 47-7679 - 47-7680

Dear Mr. Schaefer:

Please find enclosed a copy of the above referenced application for permit for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

47-7679

KASEL, RONALD A.

RT. 3, TWIN FALLS, ID 83301

Source: SPRINGS tributary to SNAKE RIVER
TWIN FALLS CANAL CO. WATERWAY tributary to SNAKE RIVER

Date Filed: 12/01/1980

Amount: 30.00 CFS

Diversion Point: LOT 06 (SESW) Sec 35 T 09S R 17E, TWIN FALLS Co.

Use: POWER (30.00 CFS) from 01/01 to 12/31

Place of Use: LOT 16 (SWSW) LOT 17 (SWSW) Sec 35 T 09S R 17E

Diversion Means: HEADWORKS, PENSTOCK AND GENERATING PLANT

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before JANUARY 5, 1981.

C. STEPHEN ALLRED

Director

Published 12/18 & 12/25/80.

*ok
mace
12/17/80*

47-7679
KASEL, RONALD A.
RT. 3, TWIN FALLS, ID 83301
Source: SPRINGS tributary
to SNAKE RIVER
TWIN FALLS CANAL CO.
WATERWAY tributary to
SNAKE RIVER
Date Filed: 12/01/1980
Amount: 30.00 CFS
Diversion Point: LOT 06
(SESW) Sec 35 T 09S R
17E, TWIN FALLS Co.
Use: POWER (30.00 CFS)
from 01/01 to 12/31
Place of Use: LOT 16
(SWSW) LOT 17 (SWSW)
Sec 35 T 09S R 17E
Diversion Means:
HEADWORKS,
PENSTOCK AND
GENERATING PLANT

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

DECEMBER 15, 1980

Times News
P. O. Box 548
Twin Falls, Idaho 83301

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JANUARY 5, 1981.

Yours truly,

Mary A. Hill
Secretary

Encl.

