

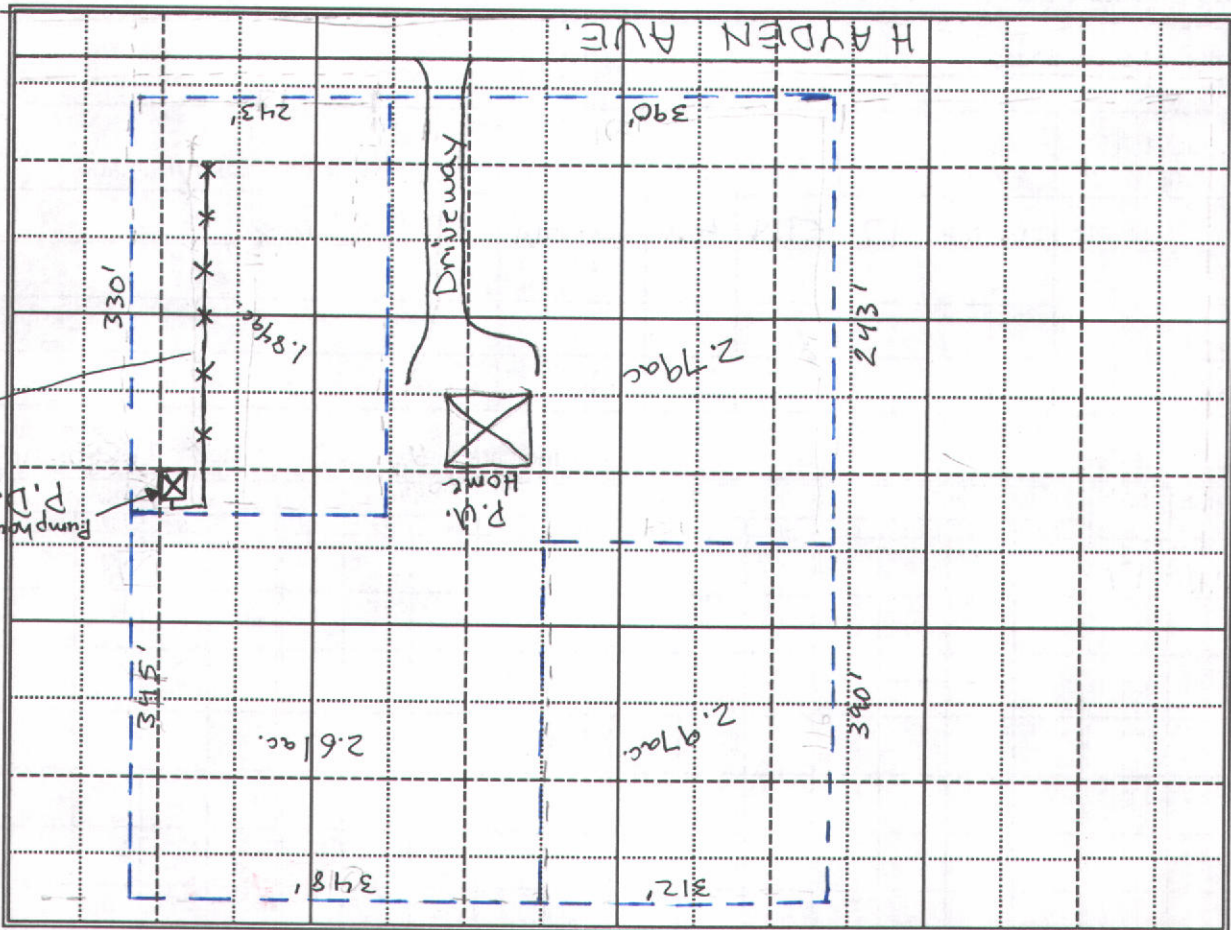


MICROFILMED

JUL 02 1990

9508644

3. Delivery System Diagram: Indicate all major components and distances between components. Indicate well size/ditch size/pipe l.d. as applicable.



Scale: 1" =

X Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

— Aerial Photo Attached (required for irrigation of 10+ acres)

X Photo of Diversion and System Attached

4.

Well or Diversion Identification No. *	Motor Make	Hp	Model Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin Elec.	7 1/2	2261119010	Goulds Submersible	2"

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

D. FLOW MEASUREMENTS

1.

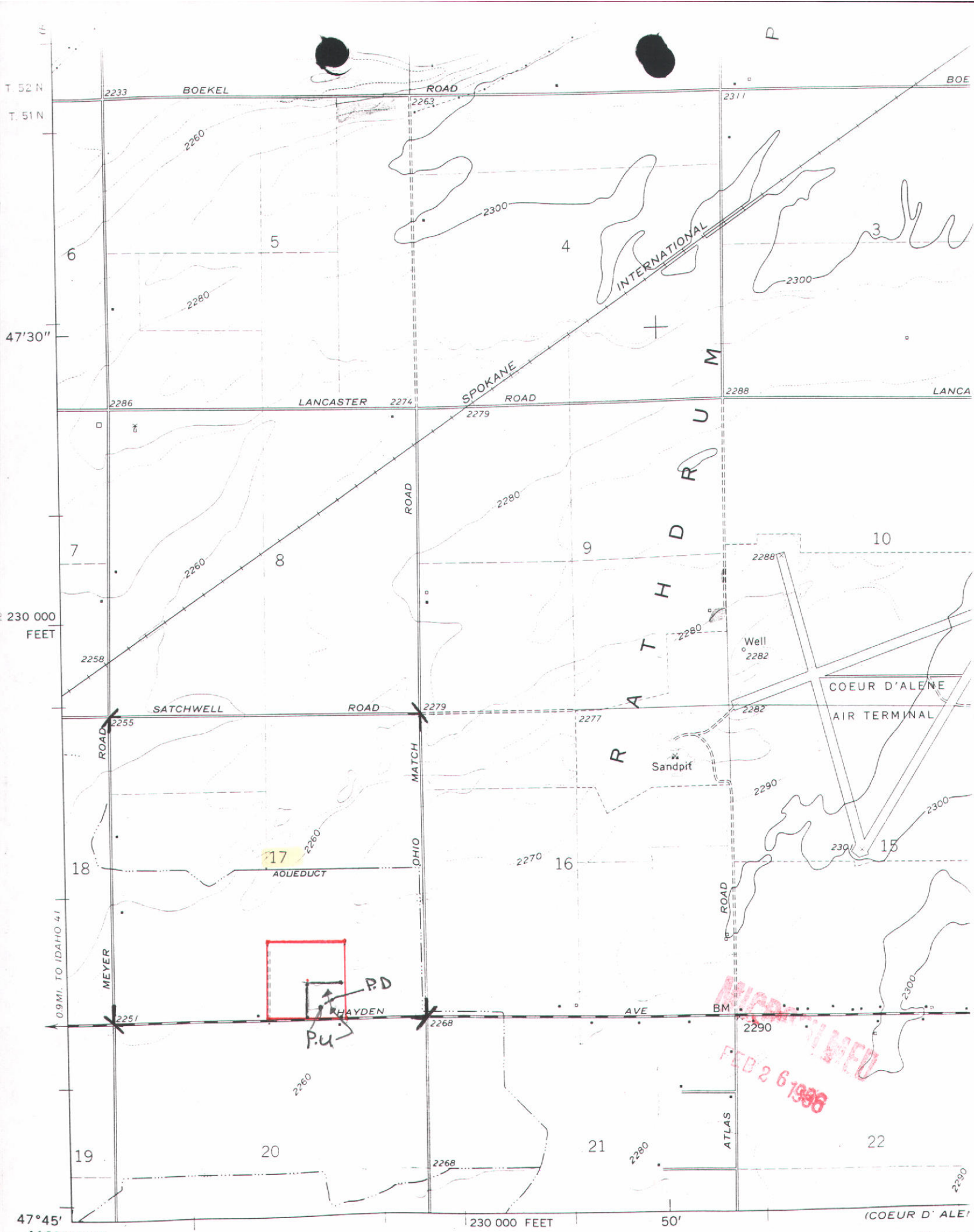
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
None						

2. Measurements:

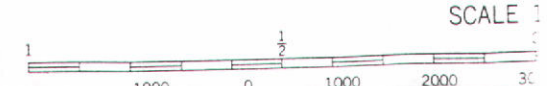
Bucket Method and Theoretical

efficiency calculation.

FEB 26 1996



25000
Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and U.S. Forest Service





95-08644
Mr. Chalker's
Home
← P.U.



Pumphouse
&
well
P.D.
↓



APPROVED
FEB 26 1996

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08644

Priority: February 28, 1990

Maximum Diversion Rate:

0.11 CFS

Maximum Diversion Volume:

26.1 AF

This is to certify, that BRAD CHALKER

E 6715 HAYDEN AVE

RATHDRUM ID 83858

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 28, 1990; and has submitted Proof of Beneficial Use on April 5, 1993. An examination indicates that the works have a diversion capacity of 0.110 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.11 CFS	25.5 AF
DOMESTIC	01/01 to 12/31	0.02 CFS	0.6 AF
	Totals	0.11 CFS	26.1 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 17, Township 51N, Range 04W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
51N	04W	17	SWSE	8.5		8.5

Total number of acres irrigated: 8.5

PLACE OF USE:

DOMESTIC, same as IRRIGATION use

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.

FEB 26 1996

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

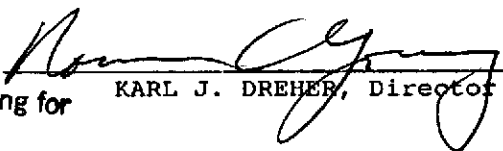
WATER RIGHT NO. 95-08644

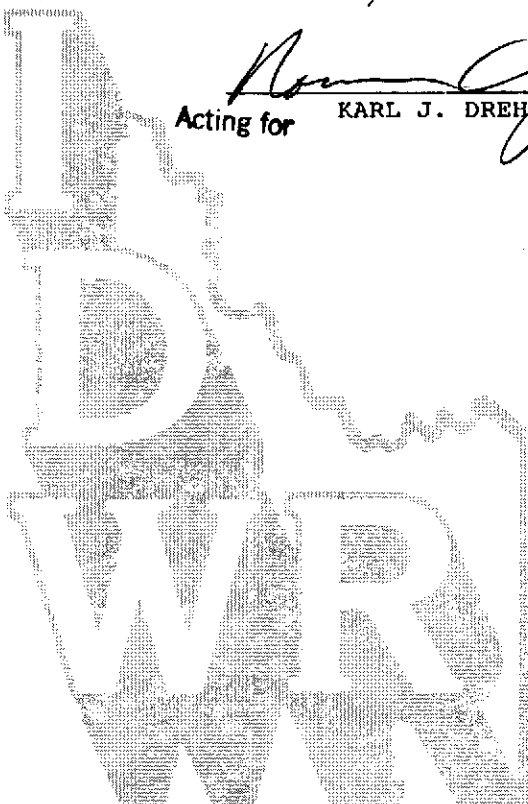
CONDITIONS OF APPROVAL AND REMARKS

6. Domestic use is for 1 home.
7. Domestic use does not include lawn, garden, landscape, or other types of irrigation.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 30TH day of JANUARY, 19 96

Acting for


KARL J. DREHER, Director



[Faint, illegible handwritten notes]

RECEIVED

APR - 7 1993

Department of Water Resources

OFFICE USE ONLY

Amt. of Fee \$ 50-
Date 4/5/93
Receipt No. 1006422
Receipt by SC

APR 05 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

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

1. Permit No. 95-08644 Telephone No. 208-687-2746
2. Name(s) of Permit Holder(s): Brad Chalke
3. Mailing Address: E-6715 Hayden Ave. Rathdrum ID 83858
4. Source of Water: Ground

If GROUNDWATER, Well Driller's Name: Broun Well Drilling Date Drilled: 4-25-90

OPTIONAL:

Pump horsepower: 7 Pressure (psi): 60 Dynamic pumping level (ft.): 310

5. Extent of Use (as authorized by the permit):

Domestic 1 (No. of households) Stockwater _____ (No. and type of stock)

Irrigation 8 (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted 0.20 cfs OR 417/93 Klg acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? Yes No Installed? Yes No

OR
Flow Measurement Port: Required? Yes No Installed? Yes No

8. Fee Enclosed: \$ 50- (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

Brad Chalke 687-2746
Name Telephone No.
E-6715 Hayden Ave. Rathdrum, ID 83858
Address

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

MICROFILMED

4-5-93
DateBrad Chalke
Signature (and title, if on behalf of a company or organization)

MAY 24 1993

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 95-08644

Proposed Priority: February 28, 1990 Maximum Diversion Rate: 0.20 CFS

This is to certify, that **BRAD CHALKER**
E. 6715 HAYDEN AVE.
RATHDRUM, ID 83858

has applied for a permit to appropriate water from: **GROUNDWATER**
and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.16 CFS
DOMESTIC	01/01 to 12/31	0.04 CFS
	Totals	0.20 CFS

LOCATION OF POINT(S) OF DIVERSION: SESWSE Sec. 17, Township 51N, Range 04W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
51N	04W	17	SWSE	8		8
Total number of acres irrigated:						8

PLACE OF USE: DOMESTIC, same as use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before June 1, 1993.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
5. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
6. Domestic use is for one home.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

16th day of May, 1990

MICROFILMED

JUL 02 1990

[Signature]
for R. Keith Higginson, Director

Ident. No. 95-08644

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: BRAD CHALKER 208-687-2746
Address: E. 6715 HAYDEN AVE
RATHDRUM, ID 83858
2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: SESWSE Sec. 17, Township 51N, Range 04W
KOOTENAI County
4. Water will be used for the following purposes:
- | Purpose | From | To | CFS | (or) | AF |
|------------|-------|-------|-------|------|----|
| IRRIGATION | 03/15 | 11/15 | 0.160 | | |
| DOMESTIC | 01/01 | 12/31 | 0.040 | | |
5. Total quantity to be appropriated is:
0.200 CFS (and/or) AF
6. Proposed diverting works:
- Description of ditches, flumes, pumps, headgates, etc.
WELL, PUMP AND PIPELINE
 - Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
 - Proposed well diameter is 6 inches; proposed depth of well is 300
feet.
 - Is groundwater with a temperature greater than 90F being sought? NO
7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 3 years.
8. Description of proposed uses:
D/ONE HOME.
9. Place of Use: IRRIGATION

TWN RGE SEC
51N 04W 17

ACRES
SWSE 8

ACRES

ACRES

TOTAL
8

MICROFILMED

JUL 02 1990

Ident. No. 95-08644
Page 2

Place of Use: DOMESTIC

TWN RGE SEC
51N 04W 17

Total number of acres irrigated: 8

10. Describe any other water rights used for the same purposes.

11. a. Who owns the property at the point of diversion?

APPLICANT

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.

12. Remarks:

THIS WATER WILL BE USED TO REPLACE POST FALLS IRRIGATION DISTRICT
WATER AND DOMESTIC WATER SUPPLIED BY EARL REAMY

13. Map of proposed point of diversion and place of use attached? [Y]

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.

X/Brad Chalper
Applicant

Received by TDK Date 2/28/90 Time 10:10AM Preliminary check by TDK

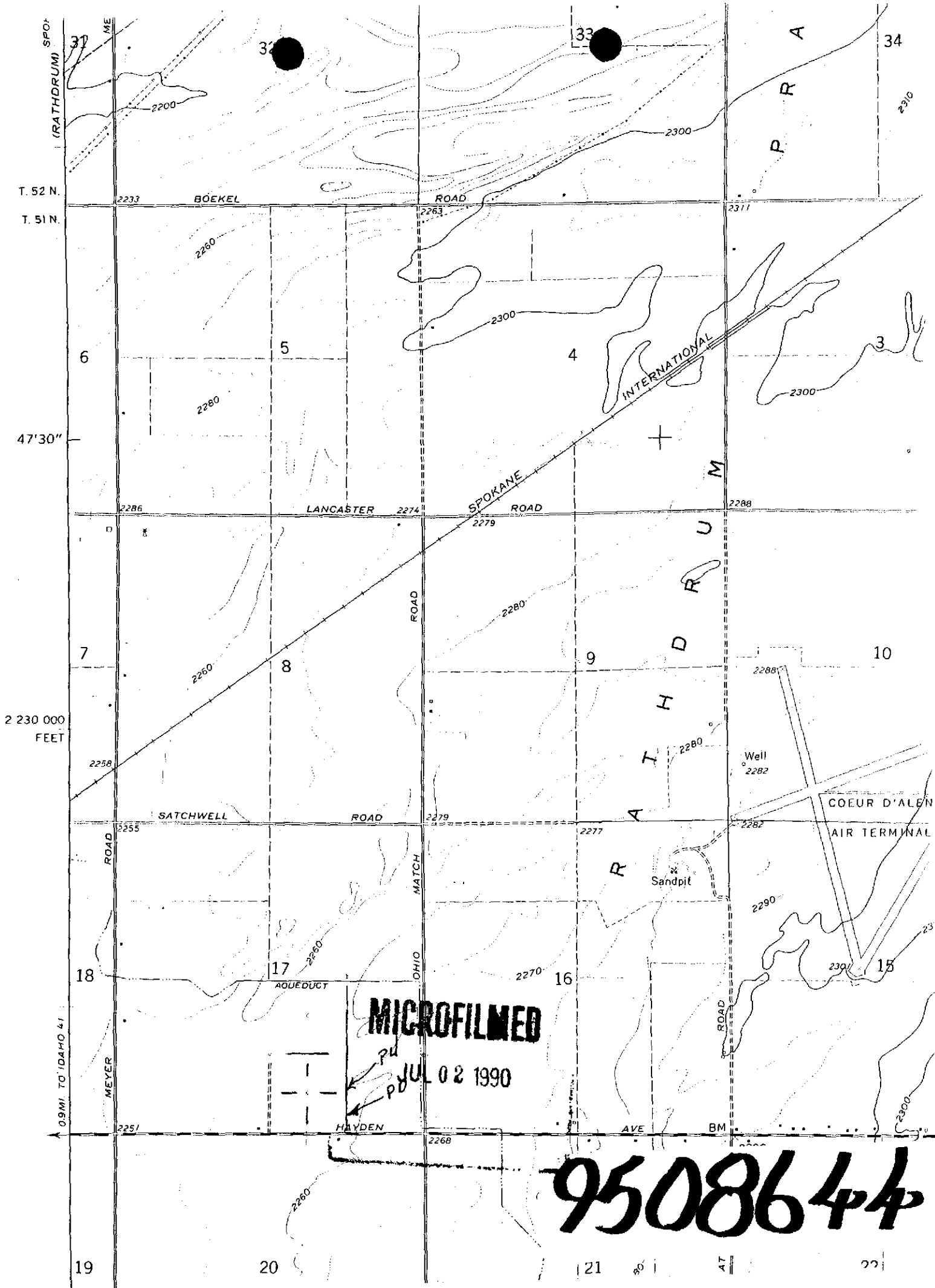
Fee \$ 30.00 Receipted by TDK # N003596 Date 2/28/90

Publication prepared by PMS Date 3/7/90 Published in 3/15 & 22/90
Coeur d'Alene Press

Publication approved m Date 3/29/90

MICROFILMED

JUL 02 1990



MICROFILMED

JUL 02 1990

9508644



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

January 31, 1996

BRAD CHALKER
E 6715 HAYDEN AVE
RATHDRUM ID 83858

RE: WATER RIGHT NO. 95-08644

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

FEB 26 1996

LICENSE REVIEW CHECKLIST

PERMIT NO. 95-08644 DATE 1-25-96



NAME Change OK ☒ Or Address Change? ☐

PRIORITY DATE Advance? ☒ Advanced to: Order to reinstate needed? ☐
Incorrect fee for rate recommended? ☐

SOURCE Changes or just clarification of originally intended source? ☒
Notice of Intent to Void necessary? ☐

POINT OF DIV Amendment needed? ☒
Overlaps? ☒

PLACE OF USE Amendment needed? ☒
Overlaps? ☒

DIV RATE Permit/fee limits: .20 CFS IRR 8 acres @ .16
(ADJUST THEORETICAL) sprinkler Meas Q = .09 Theo Q = .11 Recommend: .11
Sprinklers use .09 Add 1/2 acre of lawn to the 8
acres for 8 1/2 acres. Reduce domestic to .02
Combined rates exceed capacity

ANNUAL VOLUME Volume Limit: Season: 8/3.0 (3-15 to 11-15)
Calculations: 8.5 acres x 3.0 = 25.5
DOM/INT = .6
Flow limit: cfs x x 1.9835 =
Combined volumes exceed capacity/allowable

USES Change in Nature of Use or additional uses? ☒
Amendment necessary? ☒

ADDITIONAL INFO YES * BUT SEE MEMO CONCERNING POST FALLS IRR DISTRICT
YES Replaces Surface Water 050 Supplemental GW
YES Irr/Dom Combination WB5 PPU Recommendation
Boise River/Wood River Source Aes/Rec Uses W38

NEW REMARKS Multiple p/d(s) in 1/4 1/4?
WB5 Other wire replace condition #6 on permit.

NEW CONDITIONS WM Control- District Meas/Lock Devices
R29 Irrigation Overlap
Other
Water Quality Heat/Cool/Fish verified

COMMENTS: @ Reduce rate to capacity

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	NA
<u>Irrigation</u>	<u>.09</u>	<u>25.5</u>	<u>Adjustment Memo Needed</u>	<u>YES</u>
<u>Domestic</u>	<u>.02</u>	<u>.6</u>	<u>LICENSE</u>	<u>✓</u>
<u>TOTAL</u>	<u>.11</u>	<u>26.1</u>	<u>1ST AMEND LETTER</u>	
			<u>2ND AMEND LETTER</u>	

MEMORANDUM

TO: File 95-08644 / Brad Chalker
FROM: Brenda Chapman
DATE: January 25, 1996
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for Right 95-08644 are based on the information below:

This permit will not be recommended as a supplemental groundwater right. Yes, the well was necessary to replace Post Falls Irrigation District water. However, the district went out of business after the 1990 irrigation season.

F. FLOW CALCULATIONS

The recommended capacity has been reduced based on adjustments to the theoretical calculation. The pump efficiency has been changed to the standard 70% and the pumping level increased from the static level of 263' to an approximate drawdown level of 273'.

$$\frac{8.8 \times .7 \times 7.5 \text{ hp}}{273' + (2.31 \times 70 \text{ psi})} = .11 \text{ cfs}$$

G. VOLUME CALCULATIONS

Permit 95-08644 allowed an appropriation for domestic purposes and for 8 acres of irrigation. Information in the Narrative portion of the exam indicates the lawn is separate from the irrigated acres. The field examiner found 8 acres of pasture being irrigated, plus the domestic lawn. Idaho Code § 42-111 allows up to $\frac{1}{2}$ acre of irrigation to be included in a domestic use. However, to avoid any ambiguity it has been preferable to include the $\frac{1}{2}$ acre of lawn, etc., with the irrigation component of a right that includes both domestic and irrigation uses. Otherwise, in the future one may have to guess whether the domestic component of the right includes some irrigation.

- continued -

APPROVED BY
FEB 26 1996

Following our recent practice requires listing $8\frac{1}{2}$ acres of irrigation, even though it exceeds the face of the permit, which listed only 8 to be irrigated. The difference is cosmetic, and not substantial. Therefore, the recommendation to issue the license for $8\frac{1}{2}$ acre(s) of irrigation is being made. A remark will be included on the license to indicate that the domestic component does not include irrigation water for a lawn, garden, etc. In this way, there will be no confusion in any future interpretation of the license.

Therefore, the rate and volume recommendations for both uses have been adjusted accordingly.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	3-15 to 11-15	.11	25.5
Domestic	1-01 to 12-31	.02	.6

The irrigation volume has been changed to the current recommended guidelines for the per acre field headgate requirement of crops/lawns in that area. [3.0 afa per acre]

RECEIVED
FEB 6 1966

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

AUG 29 1994

A. GENERAL INFORMATION

Permit No. 95-08144
Department of Water Resources

1. Owner: Brad Chalker Phone No. (208) 687-2746

Current Address: E. 6715 Hayden Lake, Rathdrum, ID. 83858

2. Accompanied by: Mr. Chalker EXAM DATE: 7/6/94

Address: same Phone No. same

Relationship to Permit Holder: Owner

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion: -

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		SE	SW	SE	17	51N	4W	Kootenai	U.S.G.S. Topo.

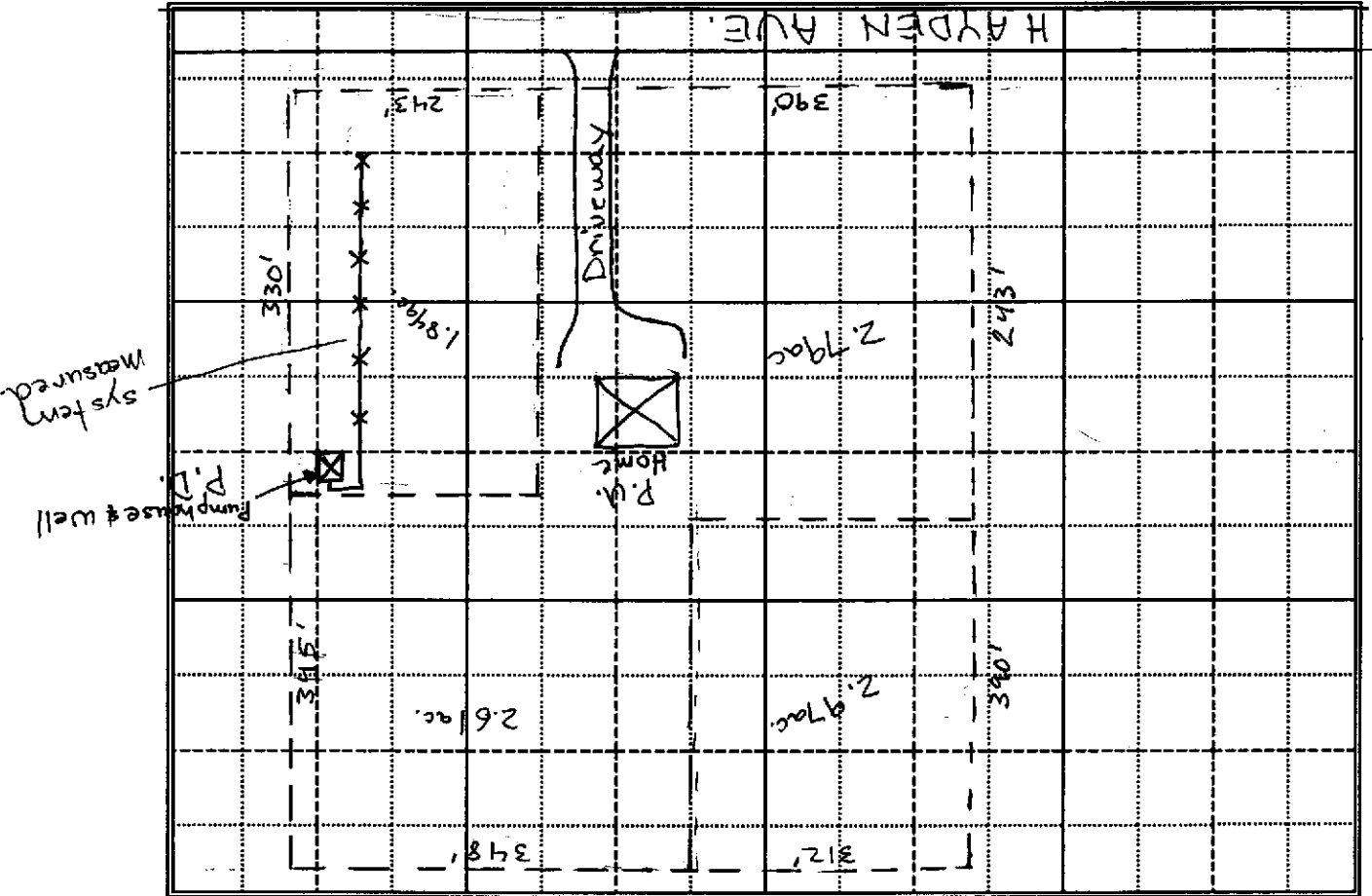
2. Place(s) of Use:

Indicate Method of Determination U.S.G.S. Topo.

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
51N	4W	17															08		8.0

SEP 20 1994

3. Delivery System Diagram: Indicate all major components and distances between components. Indicate well size/ditch size/pipe l.d. as applicable.



Scale: 1" = _____
☒ Copy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).
☐ Aerial Photo Attached of (required for irrigation of 10+ acres)
☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	HP	Model Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin Elec	7 1/2	2261119010	Goulds submersible	2"

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
None						

2. Measurements:

Bucket Method and Theoretical pump efficiency calculation.

FEB 2 5 1996

E. NARRATIVE/REMARKS/COMMENTS

Mr. Chalker owns 10 acres and is irrigating 8 of the 10 for pasture. He told me he only runs 6 sprinkler heads at a time when irrigating. So, I took a measurement on one lateral with six heads on it. My average came to 7gpm.

* Mr. Chalker is grazing 7 head of cattle at this time. This filing is not for stockwater, but 7 head is covered under the domestic filing.

Have conditions of permit approval been met? ☒ yes ☐ no

APPROVED

FEB 8 6 1986

F. FLOW CALCULATIONS

Measured Method:

$$\frac{448 \text{ gpm}}{4 \text{ fs}} = \frac{448 \text{ gpm}}{4 \text{ fs}}$$

$$X = .09 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

1. 5 gal / 43 sec.
2. "
3. "
4. "
5. "
6. "

Bucket method. 6 measurements

$$\text{Avg.} = 7 \text{ gpm} \times 6 \text{ sprinkler} = 42 \text{ gpm}$$

$$42 \text{ gpm} = .09 \text{ cfs}$$

2. Volume Calculations for Other Uses:

None

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Domestic
Irrigation

Period of Use

From 01-01
To 12-31

Rate of Diversion

Q (cfs)
0.04

Annual Volume
V (afa)

28.0
1.3
29.2

2. Recommended Amendments

Change P.D. as reflected above
Change P.U. as reflected above

Add P.D. as reflected above
Add P.U. as reflected above
None
Other

I. AUTHENTICATION

Field Examiner's Name

Don M. Kunz

Date

7-7/94

Reviewer

SEAL

* the adjustment memo. 80

REC 8 8 1994

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: 95-08644

DATE: 7-JUL-94

COMPLETE BY: JON M. KUNZ

HORSEPOWER = 7.5

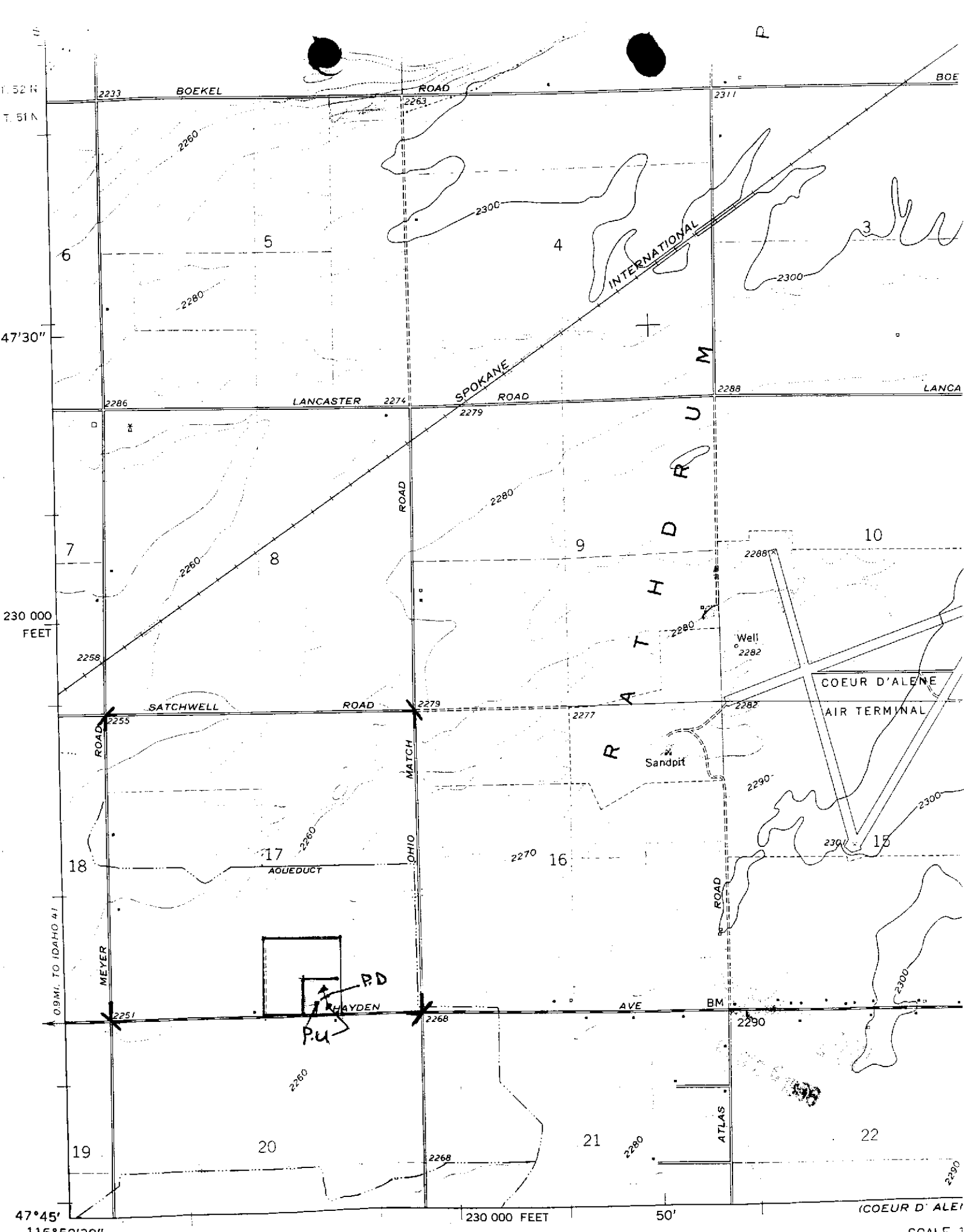
PUMP EFFICIENCY = 75%

DYNAMIC LIFT = 263 FEET

SYSTEM PRESSURE = 70 PSI

QUANTITY = 0.12 CFS

100-100000-1
100-100000-1
100-100000-1



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

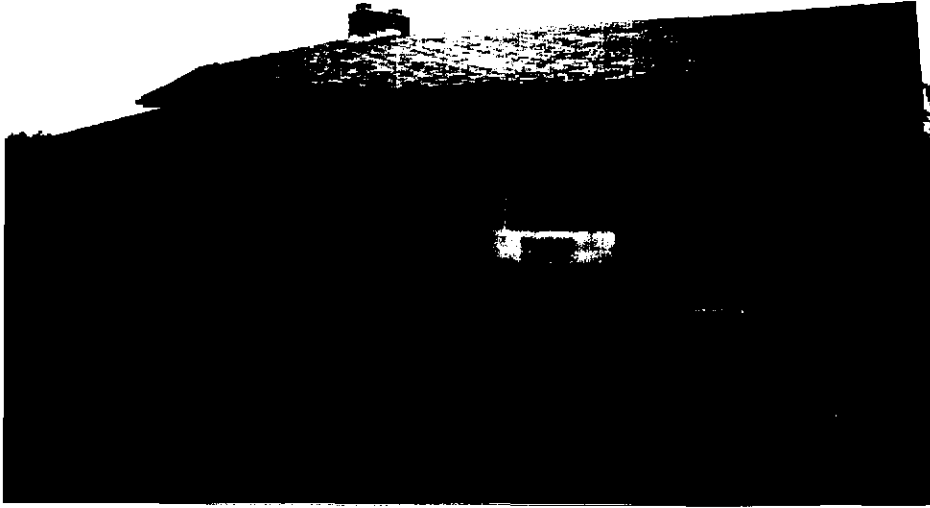
WELL DRILLER'S REPORT

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

1. WELL OWNER Name: <u>BEAD CHALKER</u> Address: <u>E 6715 Hayden Ave Rathdrum, ID</u> Owner's Permit No. <u>95-90-N-14 - 95-08644</u>		7. WATER LEVEL Static water level <u>26.3</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed in pressure _____ P.S.I. _____ Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ OF, Quality _____ <i>Describe artesian or temperature zones below</i>																																			
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☐ Bailor ☐ Air ☐ Other _____ Discharge G.P.M. _____ Pumping Level _____ Hours Pumped _____ <u>No Test</u>																																			
3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>8</td><td>1</td><td>4.5</td><td>LARGE GRAVEL & boulders</td><td></td><td>/</td></tr><tr><td>6</td><td>4.5</td><td>180</td><td>SAND & GRAVEL</td><td></td><td>/</td></tr><tr><td>6</td><td>180</td><td>190</td><td>boulders</td><td></td><td>/</td></tr><tr><td>6</td><td>190</td><td>315</td><td>SAND & GRAVEL with bent Clay</td><td></td><td>/</td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	8	1	4.5	LARGE GRAVEL & boulders		/	6	4.5	180	SAND & GRAVEL		/	6	180	190	boulders		/	6	190	315	SAND & GRAVEL with bent Clay		/
Bore Diam.	Depth		Material		Water																																
	From	To		Yes	No																																
8	1	4.5	LARGE GRAVEL & boulders		/																																
6	4.5	180	SAND & GRAVEL		/																																
6	180	190	boulders		/																																
6	190	315	SAND & GRAVEL with bent Clay		/																																
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____		RECEIVED MAY 24 1990 Department of Water Resources																																			
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>250 inches</td><td>6 inches</td><td>1 feet</td><td>310 feet</td></tr><tr><td>inches</td><td>inches</td><td>feet</td><td>feet</td></tr><tr><td>inches</td><td>inches</td><td>feet</td><td>feet</td></tr><tr><td>inches</td><td>inches</td><td>feet</td><td>feet</td></tr></tbody></table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches Number _____ From _____ To _____ perforations _____ feet _____ feet perforations _____ feet _____ feet perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Cook</u> Type <u>Strawless Steel</u> Model No. _____ Diameter <u>6</u> Slot size <u>80</u> Set from <u>310</u> feet to <u>315</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>40</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Puddling clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld _____ ☐ Cemented between strata Describe access port <u>well cap</u>				Thickness	Diameter	From	To	250 inches	6 inches	1 feet	310 feet	inches	inches	feet	feet	inches	inches	feet	feet	inches	inches	feet	feet														
Thickness	Diameter	From	To																																		
250 inches	6 inches	1 feet	310 feet																																		
inches	inches	feet	feet																																		
inches	inches	feet	feet																																		
inches	inches	feet	feet																																		
6. LOCATION OF WELL ✓ Sketch map location must agree with written location. <table border="1"><tr><td>N</td><td></td><td></td><td></td><td></td></tr><tr><td>W</td><td></td><td></td><td></td><td>E</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> Subdivision Name _____ Lot No. _____ Block No. _____ <u>R. 100</u> <u>17 151 N. S. R. Y. W. E. W.</u>		N					W				E																10. Work started <u>3-15-90</u> finished <u>4-24-90</u>										
N																																					
W				E																																	
11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Bronson Water Wells</u> Firm No. <u>360</u> Address <u>215 Spirit Lake, ID</u> Date <u>4-24-90</u> Signed by (Firm Official) <u>NDR</u> and _____ (Operator)																																					

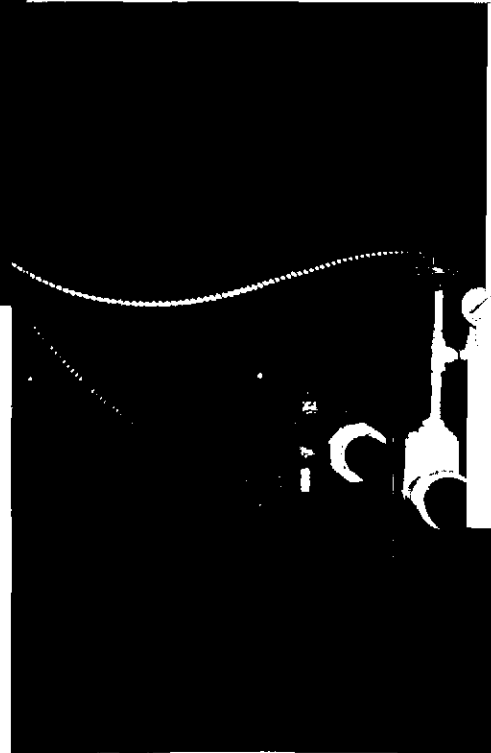
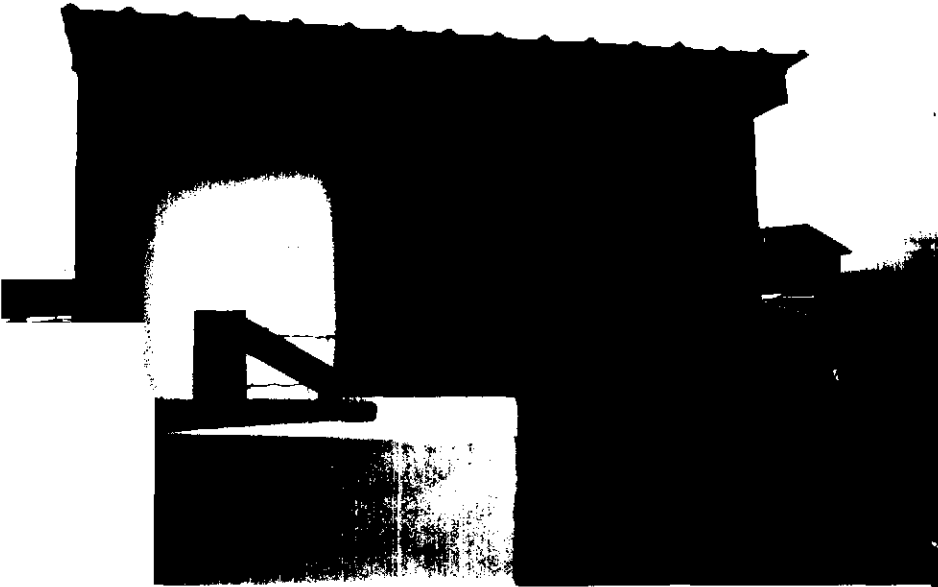
95-08644
Mr. Chalker's
Home

← P.U.



Pumphouse

← well
P.D. ↓



FEB 2 8 1906

April 9, 1993

BRAD CHALKER
E. 6715 HAYDEN AVE.
RATHDRUM ID 83858

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 95-08644

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the NORTHERN Regional Office in Coeur D' Alene at (208)765-4639.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECEIVED

MAY 24 1993

9/89

Drilling Permit No.

Water Right Permit No.

Injection Permit No.

95-40-N-14

85-08644

RECEIVED
MAR 19 1990

MAR 19 1990

State of Idaho
Department of Water Resources

DRILLING PERMIT

Department of Water Resources

1. Applicant Brad Chalke
2. Mailing Address E. 6715 Hayden Ave.
Rathdrum ID 83858 Telephone 687-2746
- (☒) Well Owner () Well Operator () Other, specify _____
3. Proposed well location SW 1/4 SE 1/4, or Gov't lot No. _____,
Sec. 11, Twp. S1N, Rge. 04W, County Kootenai,
Street Address of Well Site _____,
Lot, block and subdivision _____
4. Proposed use of well:
- () Single family or stockwater use (less than 13,000 gallons per day)
- (☒) Irrigation (more than 1/2 acre)
- () Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____
- () Other (describe fully) _____
5. Well construction information:
- A. (☒) New well () Deepen () Replace - See Condition 9
- B. Proposed surface diameter _____ Maximum depth _____
- C. Anticipated bottom hole temperature:
(☒) 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212°F or more (Geothermal well)
6. Construction Start Date 3/15/90
7. Anticipated Well Driller Bronson Well Drilling
NOTE: The actual well driller must be identified prior to drilling.
8. Applicant's signature Brad Chalke Date 3-14-90
- Title _____ (Owner, Firm Representative, Other)

MAY 24 1993

ACTION OF DEPARTMENT OF WATER RESOURCES

This Permit is Approved Date 3/14/90.

If approved, this permit authorizes the construction of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute the approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85°F or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

1. The applicant is not authorized to use water from this well until Water Right No. 95-8644 is approved.

Robert D. Haynes
Signature of Authorized Department Representative

Reg Manager
Title

Receipt No. N3616 Received by PMS Fee 100.00 Date 3/14/90

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date.

MAY 24 1993

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

USE TYPEWRITER OR
BALLPOINT PEN

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

1. WELL OWNER Name <u>BEAD CHALKER</u> Address <u>E 6715 Hayden Ave. Rathbun, IA</u> Owner's Permit No. <u>95-90 N 14 -95-08644</u>	7. WATER LEVEL Static water level <u>26.3</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ OF. Quality _____ Describe artesian or temperature points below.																																		
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Bailor ☐ Air ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td colspan="3" style="text-align: center; height: 40px;">No Test</td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	No Test																														
Discharge G.P.M.	Pumping Level	Hours Pumped																																	
No Test																																			
3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (Specify type)	9. LITHOLOGIC LOG <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>1</td> <td>4.5</td> <td>Large gravel & boulders</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>4.5</td> <td>180</td> <td>Small gravel</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>180</td> <td>190</td> <td>boulders</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>190</td> <td>315</td> <td>Sand & gravel with bent clay</td> <td></td> <td></td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	8	1	4.5	Large gravel & boulders			6	4.5	180	Small gravel			6	180	190	boulders			6	190	315	Sand & gravel with bent clay		
Bore Diam.	Depth		Material	Water																															
	From	To		Yes	No																														
8	1	4.5	Large gravel & boulders																																
6	4.5	180	Small gravel																																
6	180	190	boulders																																
6	190	315	Sand & gravel with bent clay																																
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	RECEIVED MAY 24 1990 Department of Water Resources																																		
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>250 inches</td> <td>6 inches</td> <td>1 feet</td> <td>310 feet</td> </tr> <tr> <td>inches</td> <td>inches</td> <td>feet</td> <td>feet</td> </tr> <tr> <td>inches</td> <td>inches</td> <td>feet</td> <td>feet</td> </tr> <tr> <td>inches</td> <td>inches</td> <td>feet</td> <td>feet</td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>perforations</td> <td>feet</td> <td>feet</td> </tr> <tr> <td>perforations</td> <td>feet</td> <td>feet</td> </tr> <tr> <td>perforations</td> <td>feet</td> <td>feet</td> </tr> </tbody> </table> Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Rock</u> Type <u>Stripless Steel</u> Model No. _____ Diameter <u>6</u> Slot size <u>80</u> Set from <u>310</u> feet to <u>315</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>40</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent ☐ Weld ☐ Cemented between strata Describe access port <u>well cap</u>		Thickness	Diameter	From	To	250 inches	6 inches	1 feet	310 feet	inches	inches	feet	feet	inches	inches	feet	feet	inches	inches	feet	feet	Number	From	To	perforations	feet	feet	perforations	feet	feet	perforations	feet	feet		
Thickness	Diameter	From	To																																
250 inches	6 inches	1 feet	310 feet																																
inches	inches	feet	feet																																
inches	inches	feet	feet																																
inches	inches	feet	feet																																
Number	From	To																																	
perforations	feet	feet																																	
perforations	feet	feet																																	
perforations	feet	feet																																	
6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name _____ Lot No. _____ Block _____ <u>Rathbun</u> <u>SE 1/4 Sec 17 T 51 N S. R 44 EW</u>	10. Work started <u>3-15-90</u> finished <u>4-14-90</u>																																		
11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Benson Well Drilling</u> Firm No. <u>360</u> <u>ISP/it like IL</u> Date <u>8-24-90</u> Signature (Firm Official) <u>NDR</u> and _____ (Operator)	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Benson Well Drilling</u> Firm No. <u>360</u> <u>ISP/it like IL</u> Date <u>8-24-90</u> Signature (Firm Official) <u>NDR</u> and _____ (Operator)																																		

March 31, 1993

BRAD CHALKER
E. 6715 HAYDEN AVE.
RATHDRUM ID 83858

PROOF DUE NOTICE

RE: PERMIT NO. 95-08644

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before June 1, 1993. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

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

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

SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

CERTIFIED MAIL

NO. 140051

MAY 24 1993

S T A T E O F I D A H O

DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 327-7900
May 16, 1990

BRAD CHALKER
E. 6715 HAYDEN AVE.
RATHDRUM, ID 83858

PERMIT APPROVAL NOTICE

RE: PERMIT NO. P95-08644

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

Please note the requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The enclosed blue card must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permit was approved.

We have enclosed a form entitled "Instructions for Proof of

MICROFILMED

JUL 02 1990

Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

MICROFILMED

JUL 02 1990

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO,
County of Kootenai,

} ss.

Julia Jacobs

being first duly sworn

upon oath deposes and says:

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

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

3. The

Notice

of which the annexed is a printed copy, was published in the regular *Thurs.* issue of said newspaper for *2* consecutive *weeks*, commencing on the *15th* day of *March*, 19 *90* and ending on the *22nd* day of *March*, 19 *90*, and such publication was made as often during said period as said *Daily* newspaper was regularly issued.

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

Julia Jacobs

Subscribed and sworn to before me this *22nd* day of *March*, 19 *90*.

Roberta Manley

Notary Public for the State of Idaho,
Residing at Coeur d'Alene, Idaho.

MICROFILMED

JUL 02 1990

RECEIVED

MAR 23 1990

NORTHERN REGION
IDWR

ROBERTA MANLEY

Commission expires

9-3-93

NOTICE OF APPLICATION FOR WATER RIGHT

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

95-08643

JORDAN, R. BRAD
2940 NETTLETON RD.
COEUR D ALENE, ID 83814
Source: GROUNDWATER
Diversion Pt: NESE Sec 6 T 50N R 03W
Use: IRRIGATION (.070 CFS),
STOCKWATER (.020 CFS), DOMESTIC
(.040 CFS), Total Diversion: (.110 CFS)
Date Filed: 2/21/1990
In: T50N R03W S06 NESE
2.5 ACRES TOTAL

95-08644

CHALKER, BRAD
E. 6715 HAYDEN AVE
RATHDRUM, ID 83852
Source: GROUNDWATER
Diversion Pt: SESWSE Sec 17 T 51N R 04W
Use: IRRIGATION (.160 CFS),
DOMESTIC (.040 CFS), Total Diversion:
(.200 CFS)
Date Filed: 2/23/1990
In: T51N R04W S17 SWSE
8.0 ACRES TOTAL

95-08645

TARNASKY, WILLIAM G.
WOJCIECHOWSKI, JOSEPH
1200 ROCKRIDGE LANE
COEUR D ALENE, ID 83814
Source: GROUNDWATER
Diversion Pt: SESE Sec 20 T 51N R 04W
Use: IRRIGATION (2.400 CFS),
STOCKWATER (.030 CFS), DOMESTIC
(.060 CFS), Total Diversion: (2.400 CFS)
Date Filed: 2/28/1990
In: T51N R04W S20 NESE NWSE SWSE
SESE

120.0 ACRES TOTAL

96-08588

BOCKSTRUCK, STEVE
BOCKSTRUCK, ROXZENE
E. 14900 TWEET RD.
ATHOL, ID 83501
Source: BAKER CREEK Tributary:
SINKS

Diversion Pt: NWNENW Sec 21 T 53N R 02W
Use: IRRIGATION (.080 CFS),
STOCKWATER (.020 CFS), DOMESTIC
(.040 CFS), Total Diversion: (.120 CFS)
Date Filed: 2/28/1990
In: T53N R02W S21 NENW
4.0 ACRES TOTAL

For additional information concerning the property location, call the Northern Regional Office at 765-4639.

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Northern Region, 1910 Northwest Blvd., Suite 210, Coeur d'Alene, Idaho 83814 on or before APRIL 2, 1990.

R. KEITH HIGGINSON, Director
Legal 519
March 15, 22, 1990

95-08644

CHALKER, BRAD
E. 6715 HAYDEN AVE
RATHDRUM, ID 83858

Source: GROUNDWATER

Diversion Pt: SESWSE Sec 17 T 51N R 04W

Use: IRRIGATION	(.160 CFS)
DOMESTIC	(.040 CFS)
Total Diversion:	(.200 CFS)

Date Filed: 2/28/1990

In: T51N R04W S17 SWSE

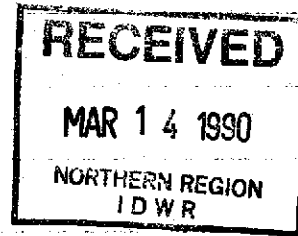
8.0 ACRES TOTAL

MICROFILMED

JUL 02 1990

March 14, 1990

To Mr Bob Haynes
Idaho Dept. Water Resources
1910 N.W. Blvd.
Cdr. Idaho



ON Feb 28, 1990 I Applied For a Permit for
irrigation and domestic water.

I understand that it takes about six week
untill Approved or Disapproved.

I would like to get a drilling Permit for
March 19th, as the driller will be available
at that time.

I also understand that i will Not be able
to use the water untill the irrigation Permit
is Approved.

The irrigation water is for Approx. 8 Acres of Pasture.

MICROFILMED

JUL 02 1990

Brad Chalper
E-6715 Hayden Av
Rathdrum, Id. 83858



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

March 12, 1990

Mr. Brad Chalker
E. 6715 Hayden Ave.
Rathdrum, Id. 83858

Re: 95-8644

Dear Mr. Chalker:

We are enclosing another computer-generated Application for Permit for your signature, since we cannot locate the original application you completed on February 28, 1990.

Please review the application, sign the form on page two and return this document to our office in the enclosed, stamped, self-addressed envelope with thirty days of the date of this letter. If the application is not returned within thirty days, it can be voided.

If you have any questions, please contact this office.

Sincerely,

PATRICIA M. STYPA
Secretary/Office Coordinator

Enc. - Appln.
Envelope

RECEIVED

JUL 02 1990

Celebrate
IDAHO
1890 • CENTENNIAL • 1990