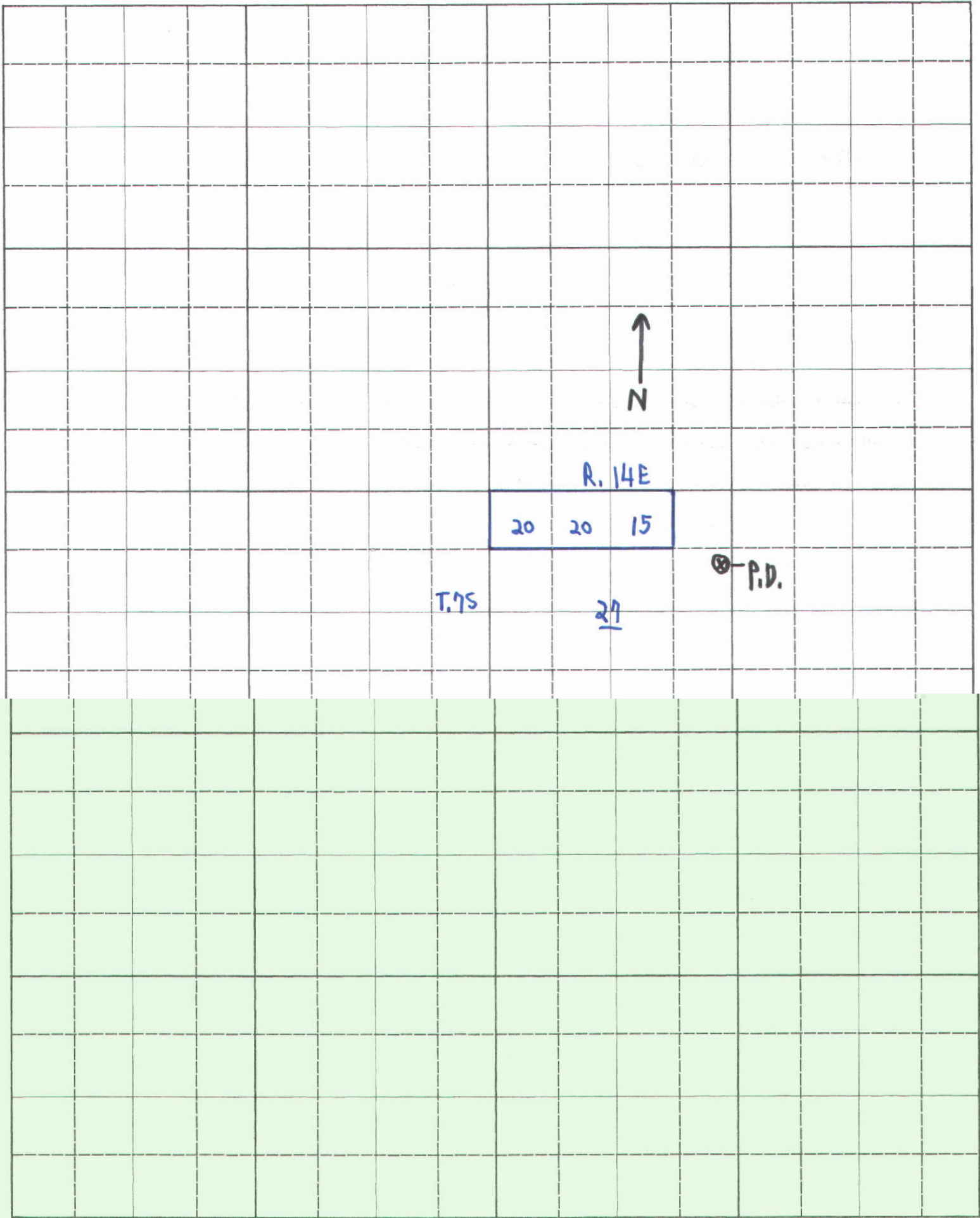


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

Bayd Harris
(Applicant)

AFFIDAVIT of PUBLICATION

State of Idaho, }
County of Gooding } SS.

Kim R. Compton being first duly sworn,
deposes and says that he is the printer (publisher) of the Gooding
County Leader, a newspaper published every week in Gooding, County
of Gooding, State of Idaho, that said newspaper has been continuous-
ly and uninterruptedly published for a period of seventy-eight consecu-
tive weeks prior to the first publication of the annexed notice, and is
a newspaper qualified to publish legal notices as provided by act of
the 1919 session of the legislature of the State of Idaho, known as
House Bill 145; that the annexed advertisement was published once

each week for 2 consecutive issues in said newspaper
proper and not in a supplement; that the date of the first publication

of said advertisement was on the 7 day of September

1978, and the date of the last publication was on the 14

day of September, 1978

Subscribed and sworn to before me this 14

day of September, 1978.
(SEAL)

Garnett Union
NOTARY PUBLIC

GOODING COUNTY LEADER

Gooding, Idaho

COST OF PUBLICATION

Number of Lines in Notice 40

Number of Insertions 2

Lines tabular at 315c

Lines straight at 40 21c 8.40

Subsequent lines at 40 15c 6.-

TOTAL COST 14.40

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given
that Boyd Harms, Wendell,
Idaho has on 8/28/78 sub-
mitted Application No. 36-
7817 for a permit to appropri-
ate 1.10 cubic feet per
second of water from ground
water by means of existing
well, pump, sprinklers with-
in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27,
Twp 7S, Rge. 14E, B.M.,
Gooding County to be used
from Mar. 15 to Nov. 15 for
irrigation purposes of 55
acres within the N $\frac{1}{2}$ NW $\frac{1}{4}$,
NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27, Twp 7S,
Rge. 14E, B.M.

If issued, this permit will
be subject to all prior water
rights. Protests against the
granting of the permit must
be filed with the Idaho De-
partment of Water Re-
sources, 1041 Blue Lakes
Blvd., North, Twin Falls,
Idaho, 83301 on or before
Sept. 25, 1978.

/s/ C. Stephen Allred
Director

Pub: 9-7, 14

SEP 18 1978

Department of Water
Southern District Office

PUBLICATION RATES

(Idaho Code, Rev. Statutes 1971)

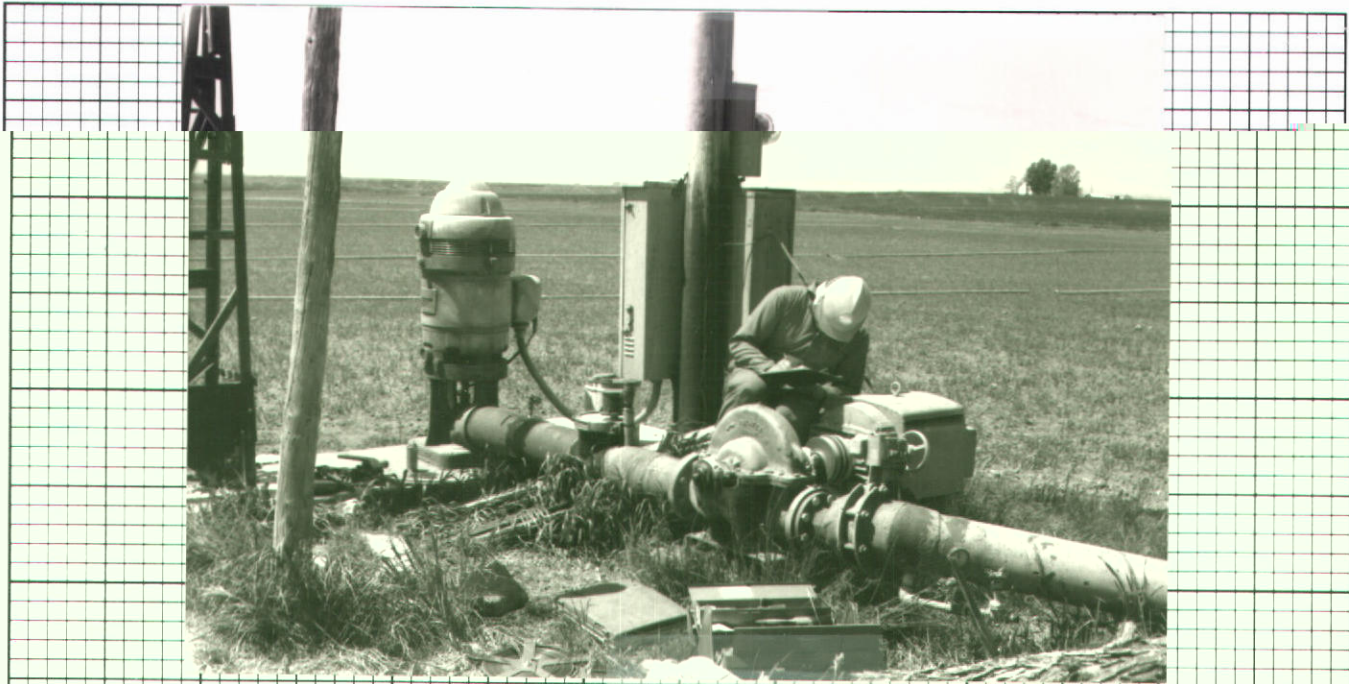
7 pt. per line, straight	21c
7 pt. per line, tabular	315c
7 pt. per line, successive insertions	15c

26992

Nº 1760

MICROFILMED

10. Other water rights on these lands _____
11. Other water right diverted from same p.d. 36-7370
12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



13. ☒ **Photo of Diversion & System Attached** ☒ **Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached**
14. **Remarks** It was discovered during this field exam that the McCrometer Flow meter # 7810506 is designed for a 10" pipe. It was used in the field exam of Lic. # 36-7370 for all 3 wells measured, 2 wells had 8" pipe including the one on this exam. In on 5-25-84 McCrometer Reading = 822 gpm, Collin tube = 586 gpm. System was re-measured in Sept of 84 at applicants request due to fluctuation in water table.
15. **Recommended Amendments**
- | | | |
|---|---|--------------------------------|
| ☐ Change P.D. as reflected above | ☐ Add P.D. as reflected above | ☐ None |
| ☐ Change P.U. as reflected above | ☒ Add P.U. as reflected above | ☐ Other |
16. **Examiner's/Consultant's Signature** Terry S. Blau **Date** 12-5-85
- Consultant's License Number** _____
- IDWR Director's Authorization to Conduct Beneficial Use Examination** _____

MICROFILMED

Date

CONSULTANT SEAL

JUL 19 1989

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

JUN 9 190

Permit No. _____ Well No. _____ County Blaine

Owner R. J. Bauman

Address Wendell, Ida.

Driller Keith E. ...

Address Wendell, Ida.

Well location NE 1/4 NE 1/4 Sec. 27, T. 7S, R. 14 E, 1/4

Size of drilled hole 16"

Locate well in section

SW 1/4	SE 1/4
NE 1/4	NW 1/4

Total depth of well 12'

Give depth to standing water from the ground 1' Water temp. _____ °Fahr.

On "Pumping Test" delivery was _____ g.p.m. or _____ c.f.s. Drawdown was _____ feet.

Size of pump and motor used to make test _____

Length of time of test _____ hours _____ minutes.

If flowing well, give flow _____ c.f.s. or _____ g.p.m. and of shut off pressure _____

If flowing well, described control works _____

Water will be used for irrigation (TYPE AND SIZE OF VALVE ETC.) _____ Weight of casing per lineal foot _____

Thickness of casing _____ Casing material concrete (PIPE, CONCRETE, WOOD, ETC.) _____

Diameter, length and location of casing _____

(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER. CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER.)

CASING RECORD

Diagn. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.

POOR QUALITY

Number and size of perforations _____

located _____

test to _____

WELL LOG

From Foot	To Foot	Type of Material
0	1	top soil
1	10	black loam
10	20	black loam
20	30	black loam
30	36	red soil
36	41	gray loam
41	50	gray loam
50	60	gray loam
60	70	gray loam
70	80	gray loam
80	90	red soil
90	100	gray loam
100	110	black loam
110	120	black loam
120	130	black loam
130	140	gray loam
140	150	gray loam
150	160	gray loam

If more space is required use Sheet No. 2

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed Ruth J. [Signature]

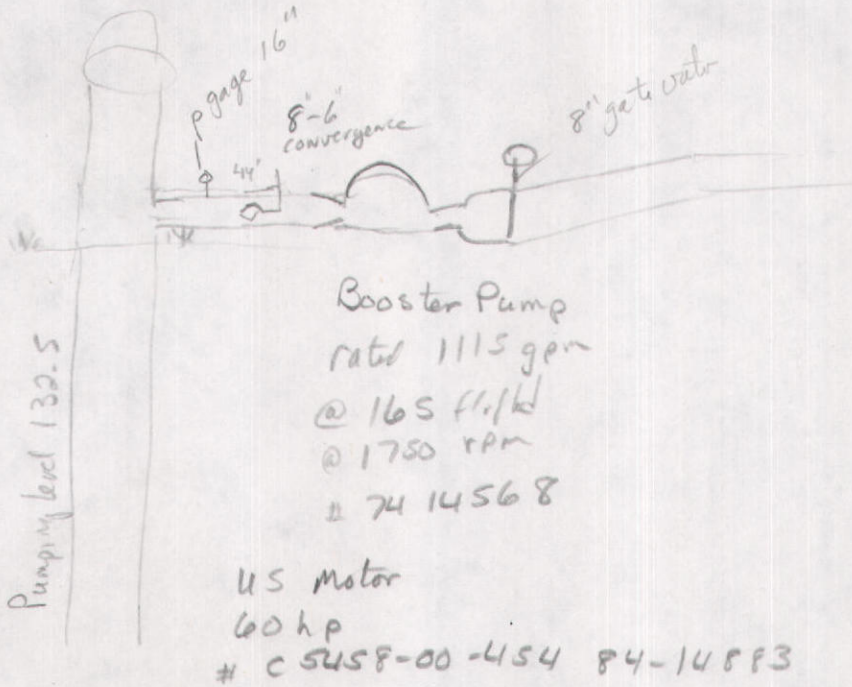
By _____

License No. 122

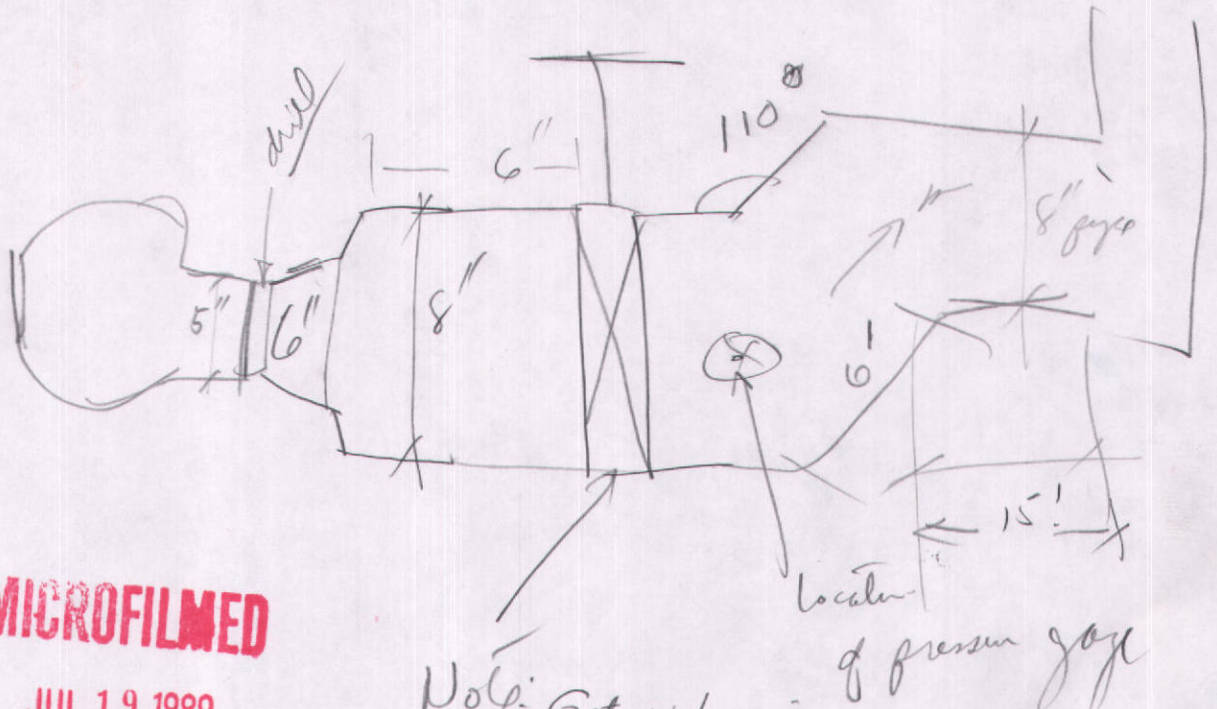
Dated 2/2/20, 1920

POOR QUALITY

EXISTING SUCTION SET-UP - Centrifugal pumps only. (Sketch the suction set-up with dimensions and description of fittings to the pump intake. Attach a picture to this page...).....



 EXISTING DISCHARGE SET-UP. (Sketch the discharge set-up with dimensions and description of fittings to the pump intake.)
 Include location of flow & pressure measurement.



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JUL 19 1989

Note: Gate Valve is
 almost closed
 set @ 1/8 Full

36-7370

DATE OF EXAM 11/13/79

ACREAGE
Found 382
Recommended 335 ✓

Irrigation Requirement 4.0 Ac Ft/Ac

USE
Irrigation Q = 6.7 c.f.s. V = 1340 AF/Ann. from Mar. 15 to Nov. 15
Domestic Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Livestock Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____

Is water co-mingled? yes _____ no ✓

Name source: _____
twp. _____ N/S, Rge _____ E/W, B.M., Sec _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Exchange? yes _____ no ✓

Name source exchanged with: _____
twp. _____ N/S, Rge _____ E/W, B.M., Sec _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Point of injection: _____
twp. _____ N/S, Rge _____ E/W, B.M., Sec _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Point of exchange: _____
twp. _____ N/S, Rge _____ E/W, B.M., Sec _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Total Q measured 9.47 cfs Method of measurement _____

Total Q recommended 6.7 Meter No. 78-10-506 Type McGraw-Hill Condition Good

Total V recommended 1340.0 A.F./Ann.

Recommended Amendments:

P.D. _____
Place of Use _____
Other _____
None ✓

POOR QUALITY

MEASUREMENT CALCULATION:

$Q_1 = 1000 \text{ gpm} = 2.23$
 $Q_2 = 1600 \text{ gpm} = 3.56$
 $Q_3 = 1650 \text{ gpm} = 3.68$
 $Q_T = 4250 \text{ gpm} \Rightarrow 9.47 \text{ cfs}$
 $Q_{rec} = (\text{Amount Applied For}) = 6.70 \text{ cfs}$
 $V_{rec} = (335 \text{ Acres})(4.0 \text{ AF/Acre/Ann}) = 1340 \text{ A.F./Ann.}$
 $6.7 \times 19835 \times 215 = 32559$

SYSTEM DESCRIPTION:

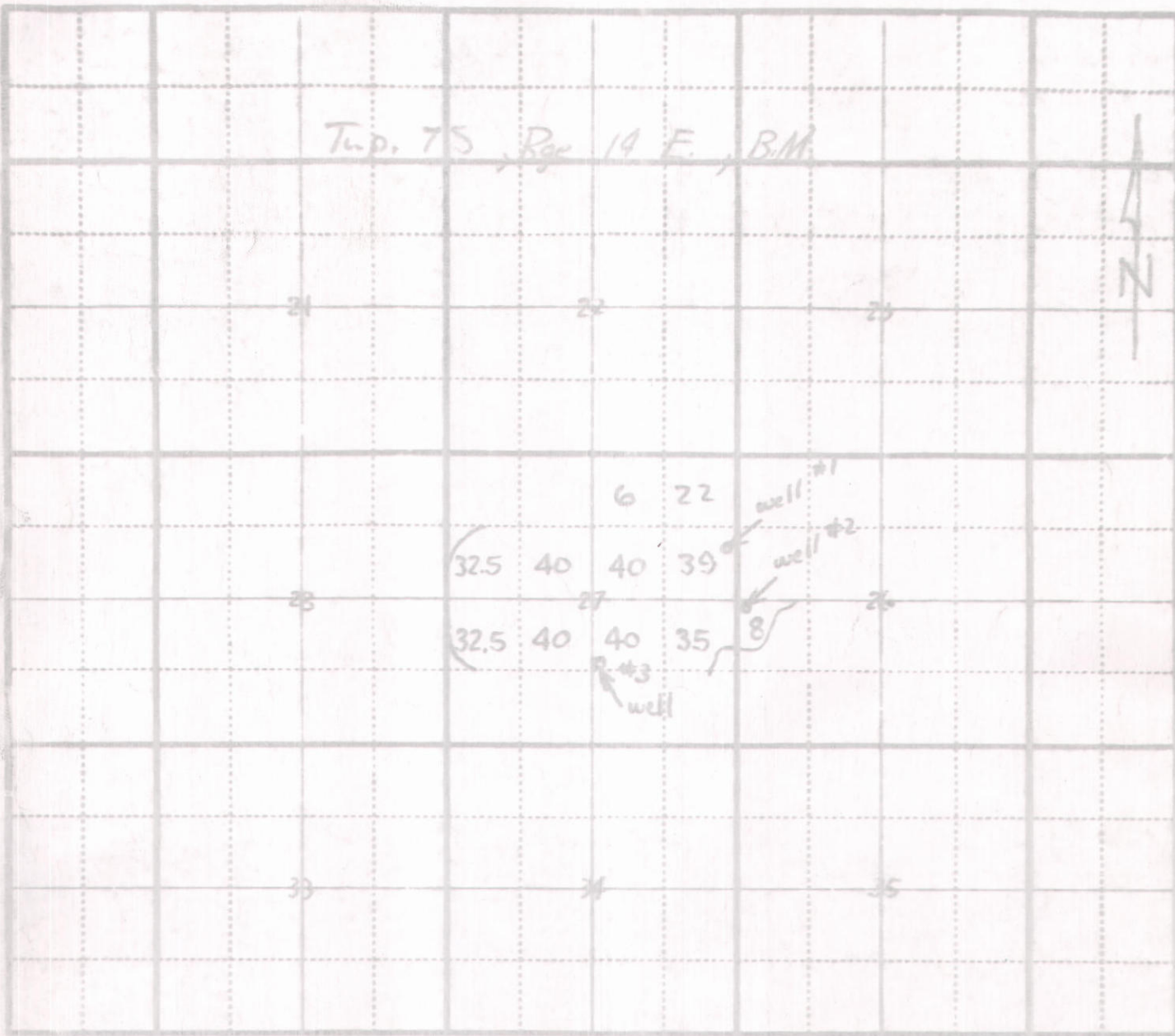
Well #1 40 H.P. Serial 1244106; Lape & Bender Pump, Serial 28579; U.S. Motors motor
Well #2 20 H.P. Serial 1244106; Lape & Bender Pump, Serial 28579; U.S. Motors motor
Well #3 12.5 H.P. Serial C4J324105; Aurora Pump, serial 37670274; G.E. motor

MICROFILMED

JUL 19 1989

REMARKS:

Boyd & Albert Harris, 2nd Gary Funderburg was present during the exam. The same meter was used for each well measurement. The meter are not connected. The attached serial photo shows the system lay out.



POOR QUALITY

MICROFILMED

JUL 19 1989

Twp. 7S. Range 14E

36-7370
36-7817

6

32.5

15

MICROFILMED

JUL 1 1983

22

32 x 9/64

D21
(153d)

80.7

hand for by this

30.5 PD

system by 415. under 36-7370

M
24.1 (493d)

D43
(758d)

G
4.2

B
7.4

A
4.6

D
24.3

10.9

D70
(165d)

F
11.8

G
7.6

K
30.9

M
6.7

D44
(153d)

H
9.5

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 36-07817

Priority: October 14, 1978 Maximum Diversion Rate: 1.10 CFS
Maximum Diversion Volume:¹ 220.0 AF

This is to certify, that BOYD HARMS
RT. 1 BOX 177A

WENDELL, ID 83355

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 28, 1978; and has submitted Proof of Beneficial Use on October 17, 1983. An examination indicates that the works have a diversion capacity of 1.570 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	1.10 CFS	220.0 AF

LOCATION OF POINT(S) OF DIVERSION: SENE, Sec. 27, Township 07S, Range 14E
GOODING County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07S 14E 27	NENE 1.5 NWNW 6	NWNE 15	NENW 32.5	55

Total number of acres irrigated: 55

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The right to use water confirmed by this license is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to reflect cropping patterns or acceptable standards of water delivery 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 4.0 cfs per acre for the lands above.

JUL 19 1989

1989

1989

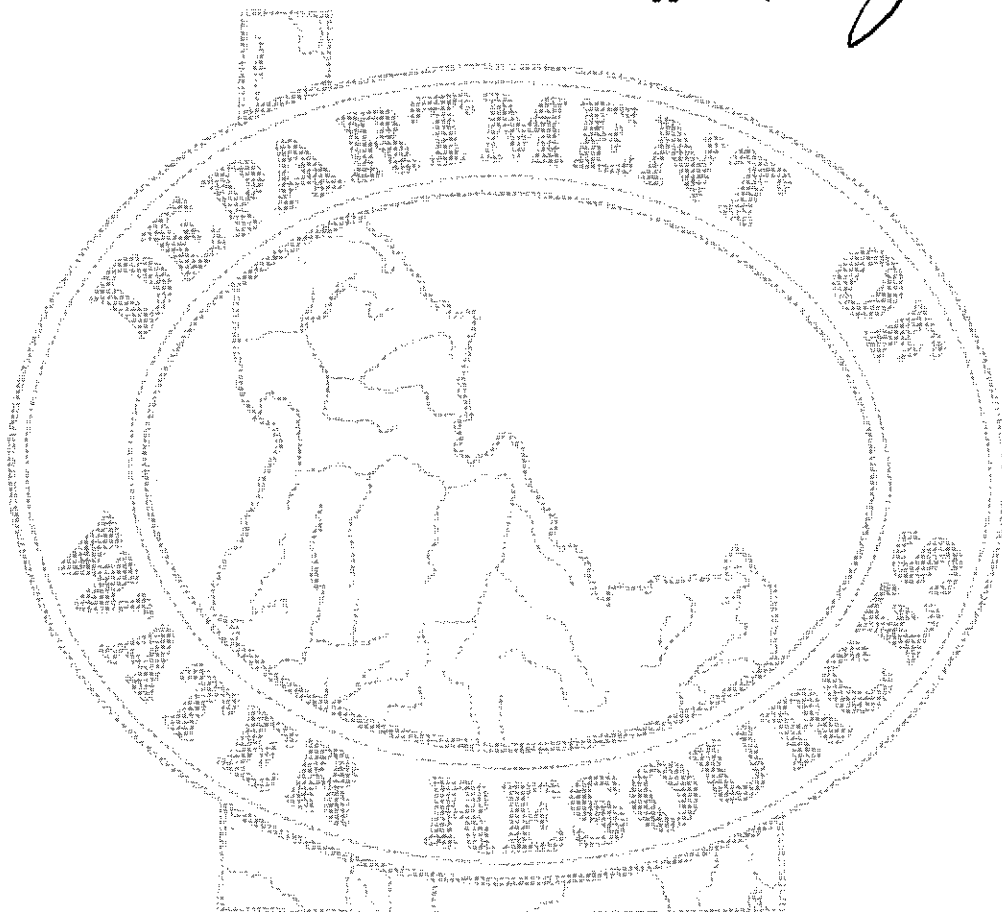
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 36-07817

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 14TH
day of July, 1989.

Acting for

Norman C. Young
R. Keith Higginson, Director



MICROFILMED

JUL 19 1989

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 36-07817

RECEIVED
APR 21 1989

Date of Priority: October 14, 1978

Comes now
RT. 1
WENDELL, ID 83355

BOYD HARMS

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 36-07817, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
IRRIGATION	03/15 to 11/15	1.10 CFS	220.0 AFA

LOCATION OF POINT(S) OF DIVERSION: SENE, Sec. 27, Township 07S, Range 14E
GOODING County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07S 14E 27	NENE 1.5 NWNW 6	NWNE 15	NENW 32.5	55
Total number of acres irrigated:				55

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at _____, this _____ day of _____, 1989.

MICROFILMED

JUL 1 1989

Boyd Harms
(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 36-07817

FOR DEPARTMENT USE ONLY

Preliminary check by KW Fee = \$20.00 ✓ Received by R. Young date 4/21/89
#C 006456

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 36-07817 with the following;

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.

Witness my hand this 14TH day of July, 1989.

Norm Young
Acting for (Director)

MICROFILMED

JUL 19 1989

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 36-7817 IN THE)
NAME OF BOYD HARMS) ORDER OF REINSTATEMENT
_____)

WHEREAS, the Department has issued the above-captioned permit with the condition that proof of construction of works and application of water to beneficial use be submitted on or before October 1, 1983; and,

WHEREAS, the Department has notified the permit holder by certified mail that proof was due and instructed the permit holder as to the steps to be taken to make said proof; and,

WHEREAS, the Department has notified the permit holder that the permit has lapsed for failure of the permit holder to submit proof of beneficial use; and,

WHEREAS, Section 42-218a of the Idaho Code provides that a permit may be reinstated upon a showing of reasonable cause within sixty days of the date of the notice of lapsing; and,

WHEREAS, the permit holder has provided a reasonable showing as to why said permit should be reinstated by submitting proof of beneficial use on October 17, 1983;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 36-7817 be REINSTATED and the priority advanced to October 14, 1978.

Dated this 28th day of November, 1983.

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

RECEIVED

NOV 28 1983

NOV 28 1983

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 Boyd Harms Phone 536-2625

Post office address Route #1, Wendell, Idaho

2. Source of water supply ground water which is a tributary of _____

3. Location of point of diversion is SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 27 Township 7S

Range 14E B.M. Gooding County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 1.10 cfs for irrigation purposes from Mar 15 to Nov. 15 (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. 1.10 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. existing well, pump, sprinklers

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 16 inches; ~~proposed~~ depth of well is 200 feet.

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

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M.

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

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

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

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

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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	
7S	14E	27		15			20	20											55

Total number of acres to be irrigated 55

c. Describe any other water rights used for the same purposes as described above.

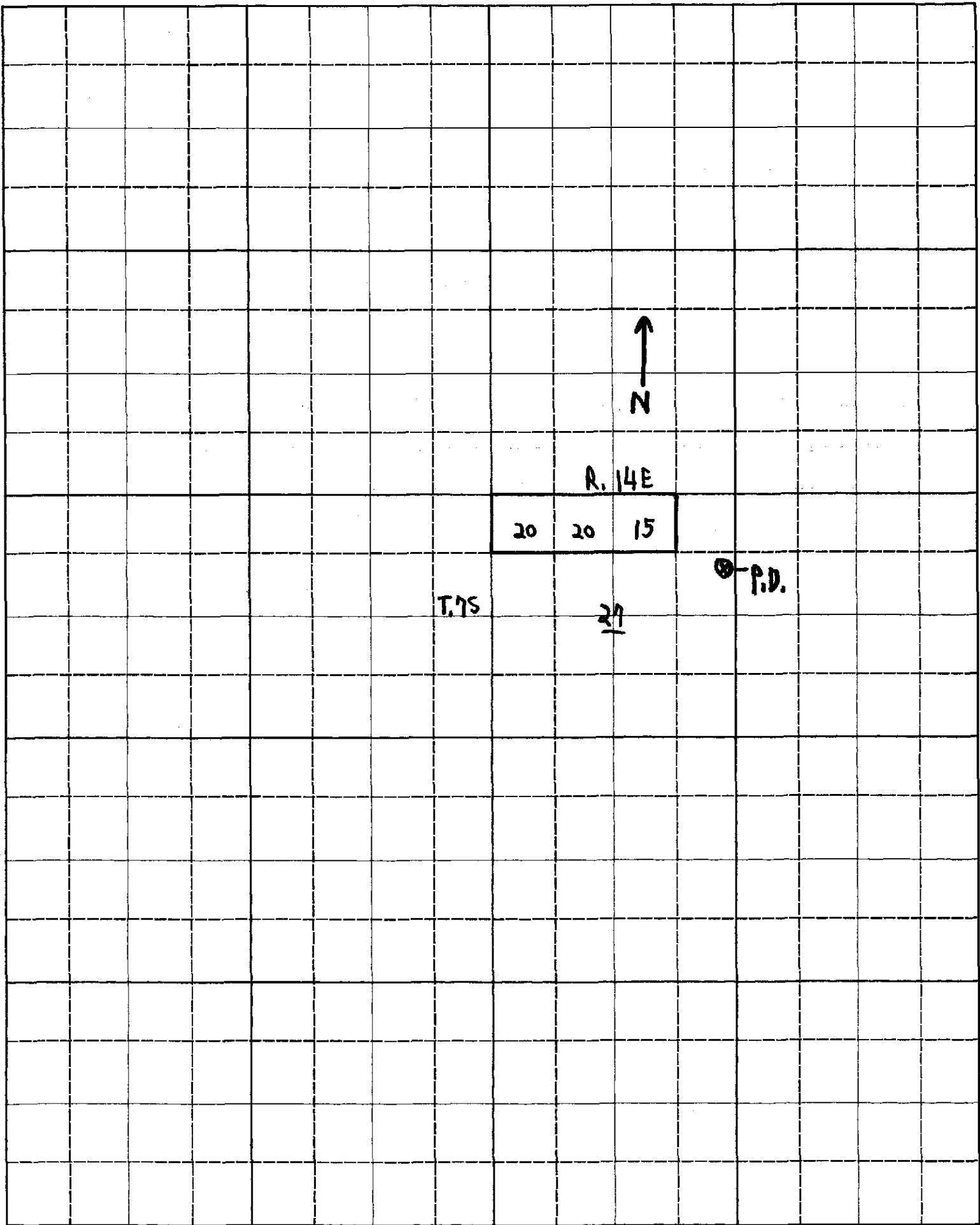
9. a. Who owns the property at the point of diversion applicant

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

10. Remarks This application covers both new ground and ground irrigated but not covered by Permit 36-7370.

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.

Bayd Hornum
(Applicant)

Received by JS Date 8-28-78 Time 10:30 am
Preliminary check by ADM Fee \$ 45.00 # 10541
Receipted by Sm Date 8/28/78
Publication prepared by maria Date 8/30/78
Published in Gooding Co. Leader
Publication dates 9/7/78 + 9/14/78
Publication approved maria Date 7/8/78
Protests filed by: _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by LG

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. 36-7817, 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 October 1, 19 83.
- 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.

Witness my hand this 20th day of October, 19 78.

L. Glen Sayton
Chief, Operations Bureau

AFFIDAVIT of PUBLICATION

State of Idaho, }
County of Gooding } SS.

Kim R. Compton

being first duly sworn, deposes and says that he is the printer (publisher) of the Gooding County Leader, a newspaper published every week in Gooding, County of Gooding, State of Idaho, that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once

each week for 2 consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication

of said advertisement was on the 7 day of September

1978, and the date of the last publication was on the 14

day of September, 1978

Kim R. Compton

Subscribed and sworn to before me this 14

day of September, 1978.
(SEAL)

Garrett Union
NOTARY PUBLIC

GOODING COUNTY LEADER
Gooding, Idaho

COST OF PUBLICATION

Number of Lines in Notice 40
Number of Insertions 2
Lines tabular at 315c
Lines straight at 40 21c 8.40
Subsequent lines at 40 15c 6.00
TOTAL COST 14.40

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Boylston Wendell, Idaho has submitted Application No. 36-7817 for a permit to appropriate 1.10 cubic feet per second of water from ground water by means of existing well, pump, sprinklers within the SE 1/4 NE 1/4, Sec. 27, Twp 7S, Rge. 14E, B.M., Gooding County to be used from Mar. 15 to Nov. 15 for irrigation purposes of 55 acres within the N 1/2 NW 1/4, NW 1/4 NE 1/4, Sec. 27, Twp 7S, Rge. 14E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before Sept. 25, 1978.

/s/ C. Stephen Allred
Director

Pub: 6-7, 14

PUBLICATION RATES

(Idaho Code, Rev. Statutes 1871)

7 pt. per line, straight	21c
7 pt. per line, tabular	315c
7 pt. per line, successive insertions	15c

26992

Nº 1760

July 17, 1989

BOYD HARMS
RT. 1 BOX 177A
WENDELL, ID 83355

RE: PERMIT NO. 36-07817

Dear Permit Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved application for amendment.

Should you have any questions regarding these documents, please feel free to contact our office.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED

JUL 19 1989

Boyd Harms
Rt 1 Box 177A
Wendell, Ida
83355

← Note address
correction



KW 6/27/89

Dept. of Water Resources
Statehouse
Boise, Idaho 83720

MICROFILMED
JUL 19 1989

March 20, 1989

BOYD HARMS
RT. 1
WENDELL, ID 83355

RE: PERMIT NO. 36-07817

Dear Permit Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 30 days.

If you do not concur with these findings or if you have any questions, please contact us within the 30-day period.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED
JUL 19 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORTRECEIVED
MAR 3 1986

Department of Water Resources

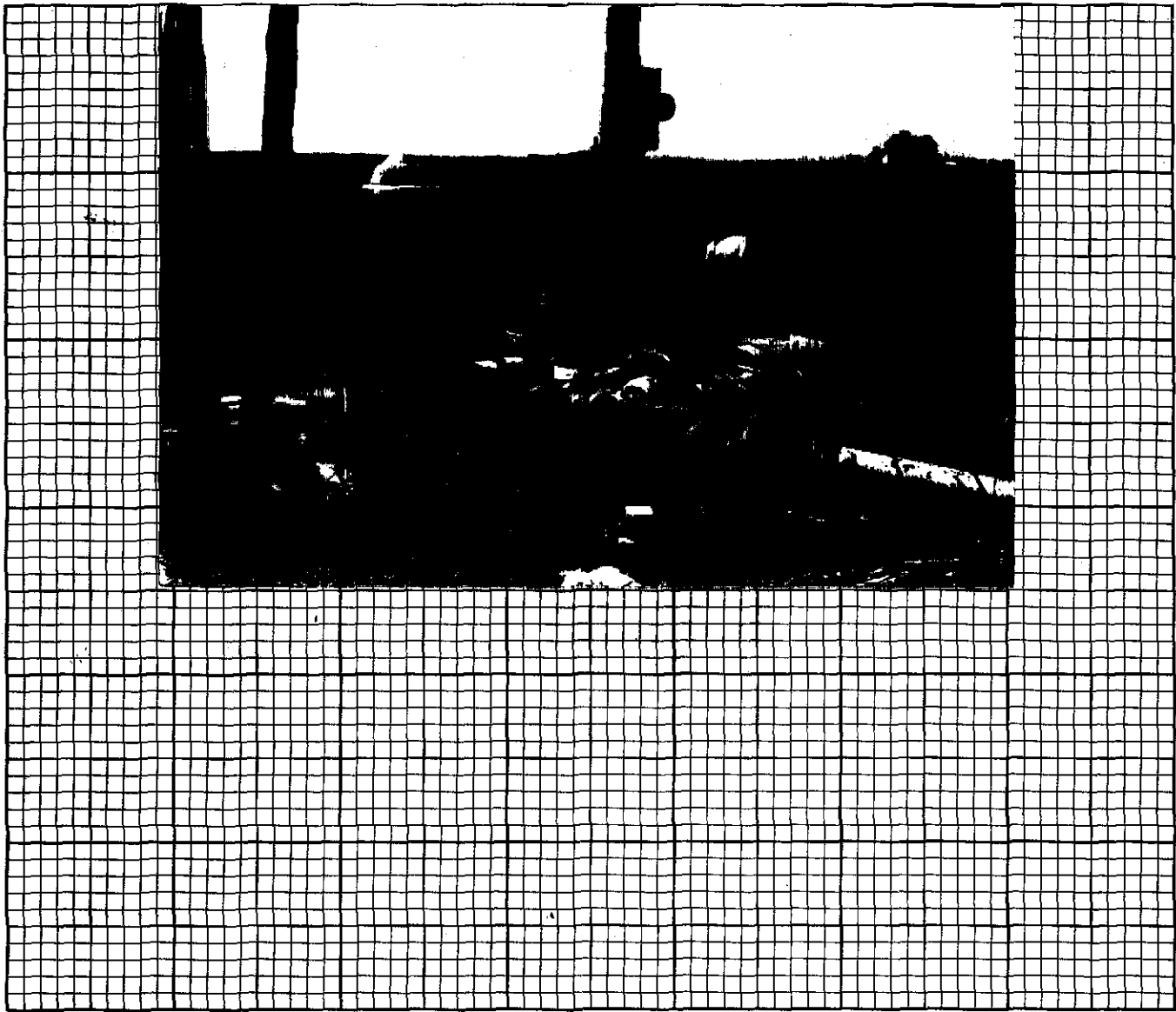
Permit No. 36-7817Phone No. 536-26251. Owner: Boyd Harms
Current Address: Rt. #1 Wendell, IDAHO 833552. Accompanied by: Boyd & Albert Harms EXAM. DATE: 9-25-84
Address: Same as Above Phone No. 536-2625
Relationship to Permit Holder: Albert is Boyd's Father3. Source: Ground water tributary to _____

Well/Diversion* No.	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well pump	U.S.	40	1244106	Lynch & Bowler Vertiline	28579
Booster pump	U.S.	60	65458-00-454 84-14883	Aurora	74 14568

*Code with points of diversion, system diagram & photos on reverse side. Disregard if only one.

5. System Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
16" x 200' well with 40hp turbine pump and 60hp booster pump to
8", 6" & 4" mainline and sprinkler system hand lines in area covered by permit
Address 130-9/64 sprinklers at 65 psi when on N. side of road. Two corners are irrigated by

10. Other water rights on these lands _____
11. Other water right diverted from same p.d. 36-7370
12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



13. ☒ Photo of Diversion & System Attached ☒ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached
14. Remarks It was discovered during this field exam that the McCrometer Flow meter # 7810506 is designed for a 10" pipe. It was used in the field exam of L.S. # 36-7370 for all 3 wells measured, 2 wells had 8" pipe including the one on this exam. On 5-25-84 McCrometer Reading = 822 gpm, Collin's tube = 586 gpm. System was re-measured in Sept of 84 at applicant's request due to fluctuation in water table.

15. Recommended Amendments
- | | | |
|---|---|--------------------------------|
| ☐ Change P.D. as reflected above | ☐ Add P.D. as reflected above | ☐ None |
| ☐ Change P.U. as reflected above | ☒ Add P.U. as reflected above | ☐ Other |
16. Examiner's/Consultant's Signature Terry S. Blum Date 12-5-85
- Consultant's License Number _____
- IDWR Director's Authorization to Conduct Beneficial Use Examination _____

MICROFILMED

Date

CONSULTANT SEAL

JUL 19 1989

9/25/84

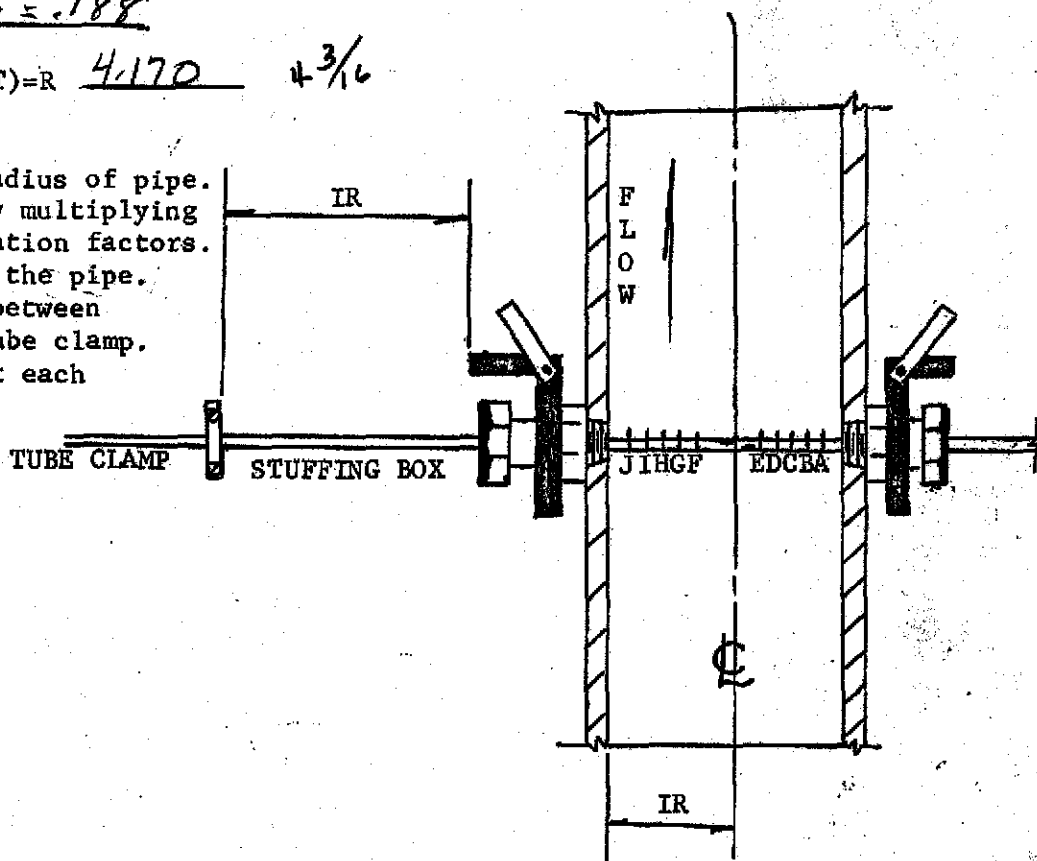
Boyd Harms

PIPE CIRCUMFERENCE (C) $27 \frac{3}{8} = 27.375$

WALL THICKNESS (T) $\frac{3}{16} = .188$

INSIDE RADIUS $(.1592C - T) = R$ $4.170 \pm \frac{3}{16}$

1. Determine inside radius of pipe.
2. Compute stations by multiplying inside radius X station factors.
3. Center orifices in the pipe.
4. Set inside radius between stuffing box and tube clamp.
5. Measure velocity at each station.



STATION FACTORS		STATIONS (IR)(F)	VELOCITY	
F			R	L
A	.051			
B	.163			
* C	.293	1.222 (1/32)	4.05	4.2
D	.453			
E	.684			
F	1.316			
G	1.547			
* H	1.707	7.118 (7/8)	4.1	4.2
I	1.837			
J	1.949			

✓ 4.138

$$Q = 704 \text{ gpm}$$

$$Q = 3.1416 (IR)^2 \bar{V}$$

* To be used only with the two-point method of determining the average velocity.

$$r = 4.17 \div \frac{12}{16} = 0.3475'$$

$$Q = \pi (0.3475)^2 \times 4.1375 = 1.57 \text{ cfs} = 704 \text{ gpm}$$

MICROFILMED

JUL 14 1989

9/24/85

PUMP TEST SUMMARY

PUMPING UNIT: Bond Harms Turbine well #1

TOTAL DYNAMIC HEAD:

- a) Pumping water level 118.5 ft (water level to center line of discharge pipe)
- b) Height of pressure gauge 1 ft (discharge pipe to gauge)
- c) Friction losses ft (intake to gauge)
- d) Discharge pressure 2 psi x 2.31 4.62 ft

$$TDH (a + b + c + d) = \underline{124.1} \text{ ft.}$$

FLOW MEASUREMENT:

- a) Annubar and ^{Nanonmeter} ~~Bagle Eye meter~~ gpm
 - b) Collins Meter 704 gpm
- *(see attached data)

Total INPUT HORSEPOWER:

$$kw = \underline{10} \text{ rev} \times \underline{57.6} \text{ kh} \times \underline{1} \text{ CTR} \times \underline{1} \text{ PTR} \times 3.6 + \underline{28.6} \text{ sec} = \underline{72.5} \text{ kw}$$

$$Kw_{(m)} = \frac{.935 \times 480 \times 35 \times \sqrt{3}}{1000} = 27.2$$

$$Hp_T = \underline{72.5} \text{ kw} \times 1.34 = \underline{97.15} \text{ Hp}$$

$$HP_{(m)} = 27.2 \times 1.34 = 36.46$$

OUTPUT HORSEPOWER:

$$Hp = \underline{704} \text{ gpm} \times \underline{124.1} \text{ TDH} \div 3960 = \underline{22.06} \text{ Hp}$$

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JUL 19 1989

PLANT EFFICIENCY:

$$Eff = \text{Output Hp} \div \text{Input Hp}$$

$$= (\underline{22.06}) \div (\underline{97.15}) \times 100 = \underline{60.5} \%$$

JUN 4

WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No. _____ Well No. _____ County Blaine
 Owner R. J. Hansen
 Address 1111 1st St. N.
 Driller R. H. Hansen
 Address 1111 1st St. N.
 Well location NE 1/4 NE 1/4 Sec. 27, T. 2S, R. 14 E
 Size of drilled hole 16"

Locate well in section

NE 1/4	SE 1/4
SW 1/4	SE 1/4

Total depth of well 12

Give depth to standing water from the ground _____ Water temp. _____ *Fahr.

On "Pumping Test" delivery was _____ g.p.m. or _____ c.f.s. Drawdown was _____ feet.

Size of pump and motor used to make test _____

Length of time of test _____ hours _____ minutes.

If flowing well, give flow _____ c.f.s. or _____ g.p.m. and if shut off pressure _____

If flowing well, described control works _____

(TYPE AND SIZE OF VALVE ETC.)

Water will be used for _____ Weight of casing per lineal foot _____

Thickness of casing _____ Casing material _____

(STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing _____

(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER.
CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER.)

CASING RECORD

Diarn. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.

POOR QUALITY

Number and size of perforations _____

Installed _____

WELL LOG

From Foot	To Foot	Type of Material
0	1	
1	2	
2	3	
3	4	
4	5	
5	6	
6	7	
7	8	
8	9	
9	10	
10	11	
11	12	
12	13	
13	14	
14	15	
15	16	
16	17	
17	18	
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93	94	
94	95	
95	96	
96	97	
97	98	
98	99	
99	100	

If more space is required use Sheet No. 2

WELL DRILLER'S STATEMENT

This was dictated under my supervision and the above information is true and correct to the best of my knowledge and belief.

Abstract

Letter No. 10

9-24-85

PUMP TEST SUMMARY

PUMPING UNIT: Boyd Harms Well #1 Booster

TOTAL DYNAMIC HEAD:

- a) Pumping water level - 4.62 ft (water level to center line of discharge pipe)
- b) Height of pressure gauge _____ ft (discharge pipe to gauge)
- c) Friction losses _____ ft (intake to gauge)
- d) Discharge pressure 90 psi x 2.31 207.9 ft

$$TDH (a + b + c + d) = \underline{203.28} \text{ ft.}$$

FLOW MEASUREMENT:

- a) Annubar and ^{Nanomater} ~~Bagle Eye meter~~ _____ gpm
- b) Collins Meter 704 gpm
- *(see attached data)

Total INPUT HORSEPOWER: See Turbine pump sheet

$$kw = \frac{\text{rev} \times \text{kh} \times \text{CTR} \times \text{PTR} \times 3.6}{\text{sec}} = \frac{86.33 \times 475 \times 63 \times \sqrt{3}}{1000} = 44.7$$

$$Hp = 44.7 \text{ kw} \times 1.34 = \underline{59.96} \text{ Hp}$$

OUTPUT HORSEPOWER:

$$Hp = \underline{704} \text{ gpm} \times \underline{203.28} \text{ TDH} \div 3960 = \underline{36.23} \text{ Hp}$$

PLANT EFFICIENCY:

$$\text{Eff} = \text{Output Hp} \div \text{Input Hp}$$

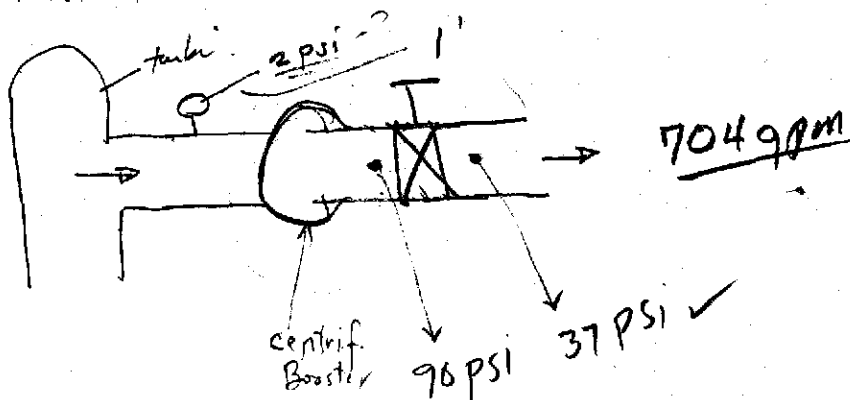
$$= (\underline{36.23}) \div (\underline{59.96}) \times 100 = \underline{60.4}$$

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JUL 19 1989

● Sept 24 '84

HARM — WFN DELL



$$SWL = 150 - 35 \times (1/5)$$

$$PWL = 150 - 31.5$$

$$= 118.5$$

PWL $130 - 9.0 = 121 \text{ ft}$

Main Pump = 40 — 36 gals
Booster = 60 —

4607-74 ang

Power Rng:

①	②	③
$t = 28.5$	$t = 28.7$	$t = 28.6$
$N = 10$	$N = 10$	$N = 10$

$$Kh = 57.6$$

Kw demand = 74.15 from motor

$$K_w = \frac{10 \times 57.6 \times 1 \times 1 \times 3.6}{28.6} = 72.50$$

$$HP = \frac{72.5}{.746} = \underline{\underline{97.19}}$$

Main Pump

$$TDH = 118.5' + 1 = 119.5' \quad WHP = \frac{Q \times TDH}{3960}$$

$$\underline{\text{Booster}} = \frac{TDH}{\eta_{\text{pump}}} + 90(2.31) = 207.90'$$

Man v

1-2 - 480

2-3 - 48

1-3 - 450

and

37
35 35

361

Booster

1-2 475-

2-3 475

1-2 475

any

163

267

9 63

PF-1 94 > 93.5
3-93

PF

1	87
2	86
3	87

} 86.3

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$$\begin{aligned}\frac{\text{Main}}{\text{KW}} &= \frac{\text{PF} \times \text{V} \times \text{Amp} \times \sqrt{3}}{1000} \\ &= \frac{.935 \times 480 \times 35 \times \sqrt{3}}{1000} \\ &= 27.21 \text{ KW}\end{aligned}$$

$$\text{Hgm} = \frac{27.21}{.746} = 36.47 \text{ Hg}$$

Booster

$$\begin{aligned}\text{KW}_B &= \frac{\text{PF} \times \text{V} \times \text{Amp} \times \sqrt{3}}{1000} \\ &= \frac{.86.33 \times 475 \times 63 \times \sqrt{3}}{1000} \\ &= 44.75\end{aligned}$$

$$\text{Hgo} = \frac{44.75}{.746} = 59.98$$

$$\begin{array}{rcl}\text{Main} & 36.47 & - 37.8\% \\ \text{Booster} & 59.98 & - 62.2 \\ \hline & 96.45 & 100.0\%\end{array}$$

$$\text{corrected Hg} = 97.19$$

$$\begin{array}{rcl}\text{Main} & = & 36.74 \\ \text{Booster} & = & 60.45\end{array}$$

$$\text{WHP}_M = \frac{704 \times 119.5}{3960} = 21.24$$

$$\text{eff} = \frac{21.24}{36.74} = 57.8\%$$

$$\text{WHP}_B = \frac{704 \times 207.90}{3960}$$

$$= 36.96$$

$$= \frac{36.96}{60.45}$$

$$= 61.14$$

$$\begin{array}{rcl}\text{Booster } 90 & & \\ \text{WHP} & = & \frac{704 \times (37.21)}{3960} = 25.19\end{array}$$

$$\text{eff} = \frac{15.19}{60.45} = 25.14\%$$

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JUL 19 1989

8.8 H.P. eff.

7 D4

8.8 — 36.46 60.5

124.1

5-25-84

Boyd Harms

PIPE CIRCUMFERENCE (C) $27\frac{1}{4} = 27.125$ estimatedWALL THICKNESS (T) $\frac{3}{16} = .188$

INSIDE RADIUS (.1592C-T)=R

$$D = 8.261$$

1. Determine inside radius of pipe.
2. Compute stations by multiplying inside radius X station factors.
3. Center orifices in the pipe.
4. Set inside radius between stuffing box and tube clamp.
5. Measure velocity at each station.

C = $27\frac{3}{8}$
T = $.25$

500 gpm

Bet 750 - 850 gpm

Micrometer
3255 West Station Dr
Hemet, CA 92343

C =

9" pipe

10" OD

9.75" ID

844 Final
841 initial
 $\frac{3}{8} \times 1000$
= 3000 gal

$$T = 3' 39"$$

$$= 3.65 \text{ m}$$

$$q_m = \frac{3000}{3.65} = 821.9$$

STATION FACTORS
FSTATIONS
(IR/F)

Velocity

Velocity

			R	L	R	L
A	.051					
B	.163					
* C	.293	1.19 (1 1/16)	3.62	3.60		
D	.453					
E	.684					
F	1.316					
G	1.547					
* H	1.707	6.947 (6 15/16)	3.6	3.62		
I	1.837					
J	1.949					
Average Velocity			3.61			

$$Q = 2.45 \times D^2 \times V$$

$$= 2.45 \times (8.14)^2 \times 3.61 = 586.033$$

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* To be used only with the two-point method of determining the average velocity.

PUMP TEST SUMMARY

Harms

5-25-84

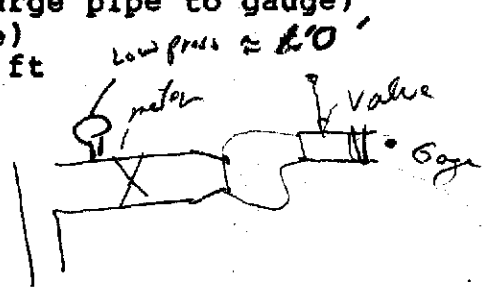
PUMPING UNIT: _____

TOTAL DYNAMIC HEAD:

*1500
- 17.5
132.5*

- a) Pumping water level 8 ft (water level to center line of discharge pipe)
- b) Height of pressure gauge _____ ft (discharge pipe to gauge)
- c) Friction losses _____ ft (intake to gauge)
- d) Discharge pressure 64 psi x 2.31 _____ ft

TDH (a + b + c + d) = _____ ft.



FLOW MEASUREMENT:

- a) Annubar and Eagle Eye meter _____ gpm
- b) Collins Meter _____ gpm
- *(see attached data)

INPUT HORSEPOWER:

kw = _____ rev x _____ kh x _____ CTR x _____ PTR x 3.6 +
_____ sec = _____ kw

Hp = _____ kw x 1.34 = _____ Hp

OUTPUT HORSEPOWER:

Hp = _____ gpm x _____ TDH + 3960 = _____ Hp

PLANT EFFICIENCY:

Eff = Output Hp + Input Hp

= (_____) + (_____) x 100 = _____ %

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JUL 19 1989

FLOW MEASUREMENT USING ANNUBAR/

PUMPING UNIT: _____

Measured inside diameter of pipe in inches (D) * _____

Size of Annubar used in test _____

State ID# of meter used _____

State ID# of meter used _____

Date of Last Calibration of meter _____

Observed inches of H₂O read on meter (H) _____

CALCULATION:

$$Q = \frac{(3.85) \times (D)^2 \times \sqrt{(H)}}{448.8} = \text{_____ cfs}$$

_____ gpm

Where A and B are measured in inches
and 3.85 is a constant for the Model
75 Annubar

Remarks: _____

* $D = (0.1592C - T) \times 2.0$ where: C=circumference; T=thickness of pipe (all in inches)

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JUL 19 1989

WATER-HOUR METER DATA

Manufacturer GE
 Type V M C
 Model No. 62-071-283
 Serial No. 3-4586
 Rated Voltages 480
 Rated Amperages —
 Disc Constant, K_h 57.6 kw-hr/rev
 Potential Transformer Ratio, PTR —
 (Supply Voltage — Device Voltage —)
 Current Transformer Ratio, CTR —

No multiplier?

<u>Trials</u>	<u>N</u>	<u>T</u>
1	<u>10</u>	<u>30.5</u>
2	~~<u>40</u>~~	~~<u>40.5</u>~~
3	<u>10</u>	<u>30.6</u>
4	<u>16</u>	<u>30.4</u>
5	<u>—</u>	<u>—</u>
Average	<u>—</u>	<u>—</u>

$$Kw = \frac{3.6 \times Kh \times CTR \times PTR \times N}{T}$$

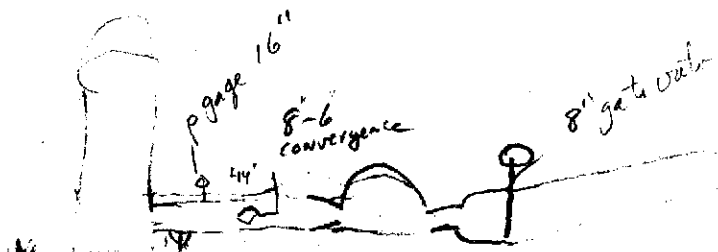
$$Hp = Kw / 0.746$$

Where N = Disc revolutions
 T = Time in seconds

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JUL 19 1989

EXISTING SUCTION SET-UP - Centrifugal pumps only. (Sketch the suction set-up with dimensions and description of fittings to the pump intake. Attach a picture to this page.).....



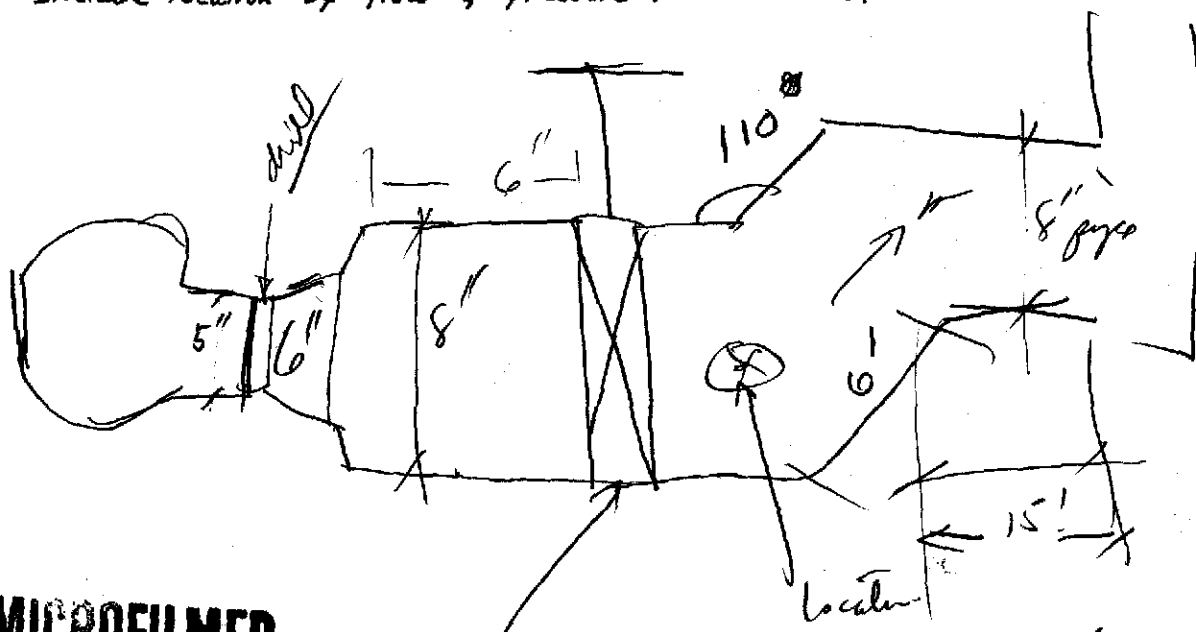
Pumping level 132.5

Booster Pump
 rate 1115 gpm
 @ 165 ft./h
 @ 1750 rpm
 # 74 14568

US Motor
 60 hp
 # C 545F-00-454 84-148F3

#####

EXISTING DISCHARGE SET-UP. (Sketch the discharge set-up with dimensions and description of fittings to the pump intake.)
 Include location of flow & pressure measurements.



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JUL 19 1989

Location of pressure gauge

Note: Gate Valve is almost closed set @ 1/8 Full

PUMP & MOTOR

PUMPING UNIT: _____

Pump Data:

Manufacturer _____
Model _____
Serial No. _____
Type _____
No. of Stages _____
Rated speed (rpm) _____
Rated discharge (gpm) _____
Rated TDH (ft.) _____
Inlet diameter (in.) _____
Outlet diameter (in.) _____
Other data _____

Motor Data:

Manufacturer _____
Serial No. _____
Rated horsepower _____
Rated amperage (amps) _____
Rated voltage (volts) _____
Rated speed (rpm) _____
Phase _____
Other data _____

Remarks:

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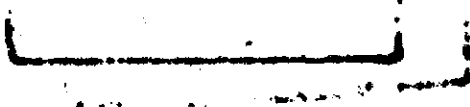
JUL 19 1989

#####

Sketch a general layout of the system, pump location, mains and laterals showing pipe material, dimensions, etc., including elevations - if known.

MICROFILMED

JUL 19 1989



36-7370

DATE OF EXAM 11/13/79

ACREAGE
Found 382
Recommended 335 ✓

Irrigation Requirement 4.0 Ac F/Ac

USE
Irrigation Q = 6.7 c.f.s. V = 1340 AFI Ann. from Mar 15 to Nov 15
Domestic Q = _____ c.f.s. V = _____ AFI Ann. from _____ to _____
Livestock Q = _____ c.f.s. V = _____ AFI Ann. from _____ to _____

Is water co-mingled? yes _____ no ✓

Name source: _____
Twp. N/S Rge. E/W B.M. Sec. Sub. 1/4 1/4 Country _____

Exchange? yes _____ no ✓

Name source exchanged with: _____
Twp. N/S Rge. E/W B.M. Sec. Sub. 1/4 1/4 Country _____

Point of injection: _____
Twp. N/S Rge. E/W B.M. Sec. Sub. 1/4 1/4 Country _____

Point of exchange: _____
Twp. N/S Rge. E/W B.M. Sec. Sub. 1/4 1/4 Country _____

Total Q measured 9.47 cfs Method of measurement _____

Total Q recommended 6.7 Meter No. TE-10-500 Type McGraw-Hill Condition Good

Total V recommended 1340 A.F./Ann.

Recommended Amendments:

P.D. _____
Place of Use _____
Other _____
None ✓

MEASUREMENT CALCULATION:
 $Q_1 = 1.75 \text{ gpm}$
 $Q_2 = 1.00 \text{ gpm}$
 $Q_3 = 1.50 \text{ gpm}$
 $C.T. = 4.25 \text{ gpm}$
 $Q_{\text{meas}} = 9.47 \text{ cfs}$
 $Q_{\text{rec}} = 6.7 \text{ cfs}$
 $V_{\text{rec}} = (335 \text{ acres}) (4.0 \text{ A.F./Ann.})$
 $= 1340 \text{ A.F./Ann.}$
 $9.47 \times 1.98357 \times 10^5 = 32559$

POOR QUALITY

MICROFILMED

JUL 19 1989

REMARKS: _____

Two 75 Royle

36-7370
36-7817

6



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of this 30.5 MP
36-7370

JUL 14 1968

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 BOYD HARMIS

Address RT 1 WENDELL ID 83355

Owner's Permit No. _____

7. WATER LEVEL

Static water level 115 feet below land surface.

Flowing? ☐ Yes ☐ No G.P.M. flow _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature _____ °F. Quality _____

2. NATURE OF WORK

☐ New well ☐ Deepened ☒ Replacement

☐ Abandoned (describe method of abandoning) _____

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.

Pumping Level

Hours Pumped

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal

☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

☐ Other _____ (specify type)

4. METHOD DRILLED

☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary

☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
<u>2.80</u> inches	<u>18</u> inches	<u>1.5</u> feet	<u>19</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ 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 _____

Type _____ Model No. _____

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

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

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

Placed from _____ feet to _____ feet

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

☒ Puddling clay ☐ Well cuttings

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 2" pipe, well outside pipe

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
<u>16</u>	<u>0</u>	<u>10</u>	<u>top soil</u>		
	<u>25</u>	<u>34</u>	<u>gray lava</u>		
	<u>34</u>	<u>49</u>	<u>hard gray lava</u>		
	<u>49</u>	<u>56</u>	<u>broken gray lava</u>		
	<u>56</u>	<u>66</u>	<u>brown clay & lava ash</u>		
	<u>66</u>	<u>91</u>	<u>gray lava</u>		
	<u>91</u>	<u>141</u>	<u>broken red lava</u>		
	<u>141</u>	<u>182</u>	<u>broken lava & cinders</u>		
	<u>182</u>	<u>187</u>	<u>black cinders</u>		
	<u>187</u>	<u>207</u>	<u>broken lava</u>		
	<u>207</u>	<u>212</u>	<u>gray clay & lava</u>		
	<u>212</u>	<u>218</u>	<u>black cinders</u>		
	<u>218</u>	<u>222</u>	<u>brown clay & lava</u>		

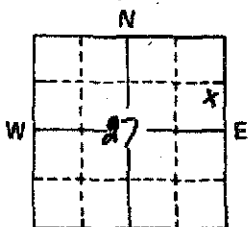
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JUN 4 1985

Department of Water Resources
Southern District Office

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County GOODING

SE 1/4 NE 1/4 Sec. 27, T. 7 N, R. 14 E.

10.

Work started April 10 finished May 27

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11. DRILLERS CERTIFICATION

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

Firm Name D&G DRILLING Firm No. 17

Address Box 606 Date May 27-85

Signed by (Firm Official) Robert J. Siefert

and
(Operator) Robert J. Siefert

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

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WAP 3 1988

36-7817
Permit No.

Department of Water Resources

1. Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

$$Q_{\text{Turbine}} = \frac{8.8 \times \text{Input HP} \times \text{eff.}}{\text{T.D.H.}} = \frac{8.8 \times 36.46 \times .605}{124.1} = 1.56 \text{ cfs}$$

$$Q_{\text{Booster}} = \frac{8.8 \times 59.96 \times .604}{203.28} = 1.57 \text{ cfs}$$

$$Q_{\text{Collins meter}} = \pi r^2 \bar{v} = 3.1416 \times (4.138') \times (0.3475')^2 = 1.57 \text{ cfs}$$

Allow 55 Acres $\times .02 \text{ cfs} = 1.1 = \text{Amt. applied for}$

$$130 - \frac{9}{64} \text{ Nozzles @ } 65 \text{ PSI} = 130 \times 4.65 = 604 \text{ gpm} \div 447.9 = 1.35$$

b) Volume Calculations for Irrigation:

$$V_{\text{I.R.}} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 55 \text{ a.} \times 4 \text{ AF/Ann/a.} = 220 \text{ AF/ANN.}$$

$$V_{\text{D.R.}} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 534.55$$

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = 220 \text{ AF/ANN.}$$

c) Volume Calculations for Other Uses:

2. Overlap Review

a) Other water rights with same place of use: _____

b) Other water rights with same point of diversion: _____

c) Analysis:

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JUL 19 1989

RECOMMENDED AMOUNTS

3.	Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity

4. Permit Holder: _____

Address: _____

5. Source: _____ tributary to _____

6. Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
<u>Irrigation</u>	<u>Mar. 15</u>	<u>Nov. 15</u>	<u>1.1 cfs</u>	<u>220 AF/Anno</u>

Allowable Maximums: 1.1 cfs 220 ^{AR}/_{Ann}

7. Point(s) of Diversion:

[illegible]

8. Place(s) of Use

[illegible]

9. Recommended Conditions/Remarks: R 31: This Right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 A.F.A. per acre for the lands above.

10. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None☐ Change P.U. as reflected above ☒ Add P.U. as reflected above ☐ Other

11. Examiner's 7/20 S. Blau Date 12-5-85
 Checked in Regional Office by J. E. Stanton Date 12-9-85
 Approved in State Office by 111 1-9 1989 EDM Date 12/1/86

Date 12-5-85

Date 12-9-85

Date 2/1/88

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 36-7817
Name(s) of Permit Holder(s): Boyd Harms
Post Office Address: Route #1
Wendell, ID Tel. No. 536-2625

☒ I hereby certify that construction of diversion works for the above referenced permit began on 1960 (date). I understand that I must continue to do so with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

*Note: A financing difficulty is not an acceptable reason.

6/28/83
Date

Boyd Harms
Signature of Permit Holder

RECEIVED

JUN 28 1983

Department of Water Resources
Boise District Office



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

MICROFILMED

JUN 19 1983

PLACE
STAMP
HERE



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

June 18, 1985

Boyd Harms
Route #1, Box 177
Wendell, ID 83355

D. A.

CALCULATION OF NEW PRIORITY DATE

FROM: RITA FLECK

TO: FILE # 36-7817

DATE: 11/23/1983

Date proof received

290

Oct. 17

Proof due

-274

Oct. 1

Number of day proof late

16

Priority date

+271

Aug. 28, 1978

New priority date

287

Oct. 14, 1978

Remarks:

RECEIVED
OCT 14 1978

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card statement that the permit holder(s) has completed development to the extent shown below of Permit No. 27 - 7017

RECEIVED

OCT 21 1983

Department of Water Resources
Southern District Office



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

PLACE
13 CENT
STAMP
HERE

RECEIVED

OCT 21 1983

Department of Water Resources

WARNING

CANCELLED OR LAPSED

This permit has been officially CANCELLED or LAPSED.

Ninety days following the date of official action this file will be DESTROYED.

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

OCTOBER 05, 1983

DEAR PERMIT HOLDER:

YOU ARE HEREBY NOTIFIED THAT UNDER THE PROVISIONS OF SECTION 42-218A OF THE IDAHO CODE, PERMIT NO. 36-7817 HAS LAPSED. THIS OFFICE DID NOT RECEIVE EITHER AN ACCEPTABLE NOTICE THAT YOU HAVE COMPLETED THE PROJECT (PROOF OF BENEFICIAL USE) BY THE DATE REQUIRED ON YOUR PERMIT OR AN ACCEPTABLE REQUEST FOR AN EXTENSION OF TIME. YOU WERE PROVIDED THE PROPER FORMS IN OUR PROOF DUE NOTICE TO YOU DATED JULY 31, 1983.

YOUR PERMIT CANNOT BE REINSTATED UNLESS YOU SUBMIT THE STATEMENT OF

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

HARMS, BOYD
RT. 1
WENDELL, ID 83355

138811

PROOF DUE NOTICE

JULY 31, 1983

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 36-7817 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE OCTOBER 01, 1983. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A POSTCARD WHICH 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, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER THE BENEFICIAL USE POSTCARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE DESCRIBED PROOF DUE DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL SEND YOU A LAPSE NOTICE. WITHIN SIXTY (60) DAYS OF THE MAILING OF THE LAPSE NOTICE, THE PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES

RECEIVED

IDENT. NO. 56-7817

WATER RIGHT
DATA ENTRY LOG

[illegible]



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 384-2215

October 23, 1978

Re: Permit No. 36-7817

Boyd Harms
Roue #1
Wendell, Idaho 83355

Dear Mr. Harms:

Your approved copy of your Application for Permit is enclosed and we direct your attention to the conditions of approval on the fourth page.

Please note the special condition requiring you to install an access port or other device to provide for the installation of measuring equipment by the Department. The Department will provide the specifications for the installation to you.

The exercise of this permit may also be affected by the court's determination of water rights in the case of Idaho Power Company v. State of Idaho, et al., Civil No. 62237, currently pending before the District Court of Ada County.

Idaho Power officials tell us that because of Case No. U-1006-124 filed before the Idaho Public Utilities Commission, Idaho Power Company is asking the District Court of Ada County to determine whether the Power Company's water rights on the Snake River are protected against subsequent upstream appropriations in the waters of the Snake River and surface and subterranean tributaries between Milner Dam and Hells Canyon.

Since the use of water under your permit may affect the flows in this reach of the Snake River, the final decision in Idaho Power Company v. State of Idaho, et al. (Ada County Civil No. 62237) may determine to what extent the exercise of your permit may be subject to the water rights of Idaho Power.

While the Ada County court is examining this question, Idaho Power Company has not filed a specific protest to your permit. However, the Department of Water Resources has been advised that the Power Company is not waiving any of its rights to contest or limit the exercise of your permit or a subsequent license or water right. If you have any questions, please let us know.

Sincerely,

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

LGS:kw Enclosure

*Access port specs
sent 7-9-79
mm*

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36-7817

STAFF REVIEW - STATE OFFICE

1. ✓ Name vs. Signature
2. G.W. Source
3. ✓ Point of Diversion
4. ✓ Amnt. & Period of Use
5. ✓ Descrip. of Diverting Wrks.
6. 5 Time req. for Proof of B/U
7. N/A Place of Use for other than irrig.
8. ✓ Place of Use for irrigation (add acres)
9. App Property Owner at Pt. of Div. & Pl. of Use
10. ✓ Map
11. 45.00 Fee & Rec't. No.

Copies Sent To:

<u>No</u>	Idaho Health Department	<u>No</u>	U.S.F.S.
<u>✓</u>	Idaho Fish & Game Dept.	<u>✓</u>	Dept. of Lands
<u>✓</u>	Bureau of Land Management	<u>✓</u>	Other

Dam Safety Information N/A (Goes to Permit Section)

Check:

Critical G.W. Area yes ✓ no

Other rights on same land None platted

N/A Withdrawals of all protests received yes no

Conditions:

ID Power Co. Letter - Snake R. No

ID Power Co. Letter - G.W. & Tribs. Yes

Snake River Condition No

Payette River Letter No

Priority Date 8-28-78

Water Quality #16 N/A

Water Quality #10 h

intrastate interstate

Meas. Dev. or Sc. Meas. Yes

Totalizing meter No

Supplemental No

Right-of-Way Cond. No

Watermaster Cond. No

Wtr. Dist No.

Meas. Dev. Cond. for apps within a Water Dist. No

Jim

Re

MICROFILMED

10/12/78

Date

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

Item Initial Date

Application No. 36-7817 - Boyd Harms

- ☒ Source
- ☒ Point of Diversion
- ☒ County
- ☒ Quantity of Water and Period of Use
- ☒ Description of Diverting Works
- ☒ Time required for B/U of water
- ☒ Place of Use or Acres Irrigated
- ☒ Map
- ☒ Signature
- ☒ Fee

(1) ADM 8-29-78

In form to receipt

(2) _____

Send Copies to:

- _____ Idaho State Health Department
- _____ Idaho Fish and Game Department
- _____ Bureau of Land Management

(3) _____

- _____ Request Special Use Permit from U.S.F.S.
- _____ Request Easement from B.L.M.
- _____ Request Information from Applicant
- _____ Request Dam Safety Information

(4) JA 8-30-78

In form for advertising

(5) _____

Platted on Map No. _____

(6) _____

Located within Water District No. _____

(7) LA 10-2-78

Critical groundwater area: yes _____ no ✓

(8) _____

Groundwater levels:

_____ Declining, _____ Stable, _____ Increasing

(comment) _____

(9) _____

Other rights on the same place of use

(10) _____

Comments: _____

(11) maria 9/18/78

Affidavit of Publication received (date) 9/18/78

(12) maria 8/30/78

Final date for protests 9/25/78

Protests received: yes _____ no X

(13) LA 10-2-78

All requested information received from agencies or applicant: NA yes _____ no _____

(14) LA 10-2-78

Action recommended:

☒ Approve _____ Deny

3-28-78 Proposed Priority

_____ Reason for Reduction _____

☒ Measuring device required

_____ See attached sheet for other conditions of approval

_____ No special conditions for approval

(15) District S

By Loren O Holmer 10-12-78

RECEIVED
OCT 04 1978

Department of Water Resources

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cc - sent to Laine - 8/30/78 - maria

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Boyd Harms
Wendell, Idaho
has on 8/28/78 submitted Application No. 36-7817
for a permit to appropriate 1.10 cubic feet per second ~~zero feet per second~~
of water from ground water
by means of existing well, pump, sprinklers
within the SE 1/4, Sec. 27, Twp 7S, Rge. 14E, B.M., Gooding County

to be used from Mar. 15 to Nov. 15
for irrigation purposes of 55 acres

within the NW 1/4, NW 1/4, Sec. 27, Twp 7S, Rge. 14E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before Sept. 25, 1978.

C. STEPHEN ALLRED

Director

Published in the Gooding County Leader
on 9/7/78 and 9/14/78

MICROFILMED

August 30, 1978

Gooding County Leader
Box 56
Gooding, Idaho 83330

Re: Application for Permit #36-7817, Boyd Harms

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. If you cannot publish the notice on the proposed dates, please contact us immediately.

In order to receive payment, an affidavit of publication must be submitted to the Department along with the publication bill.

Sincerely,

Loren O. Holmes
Southern Region Supervisor

LOH:marya

Encl:

Bill submitted:

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