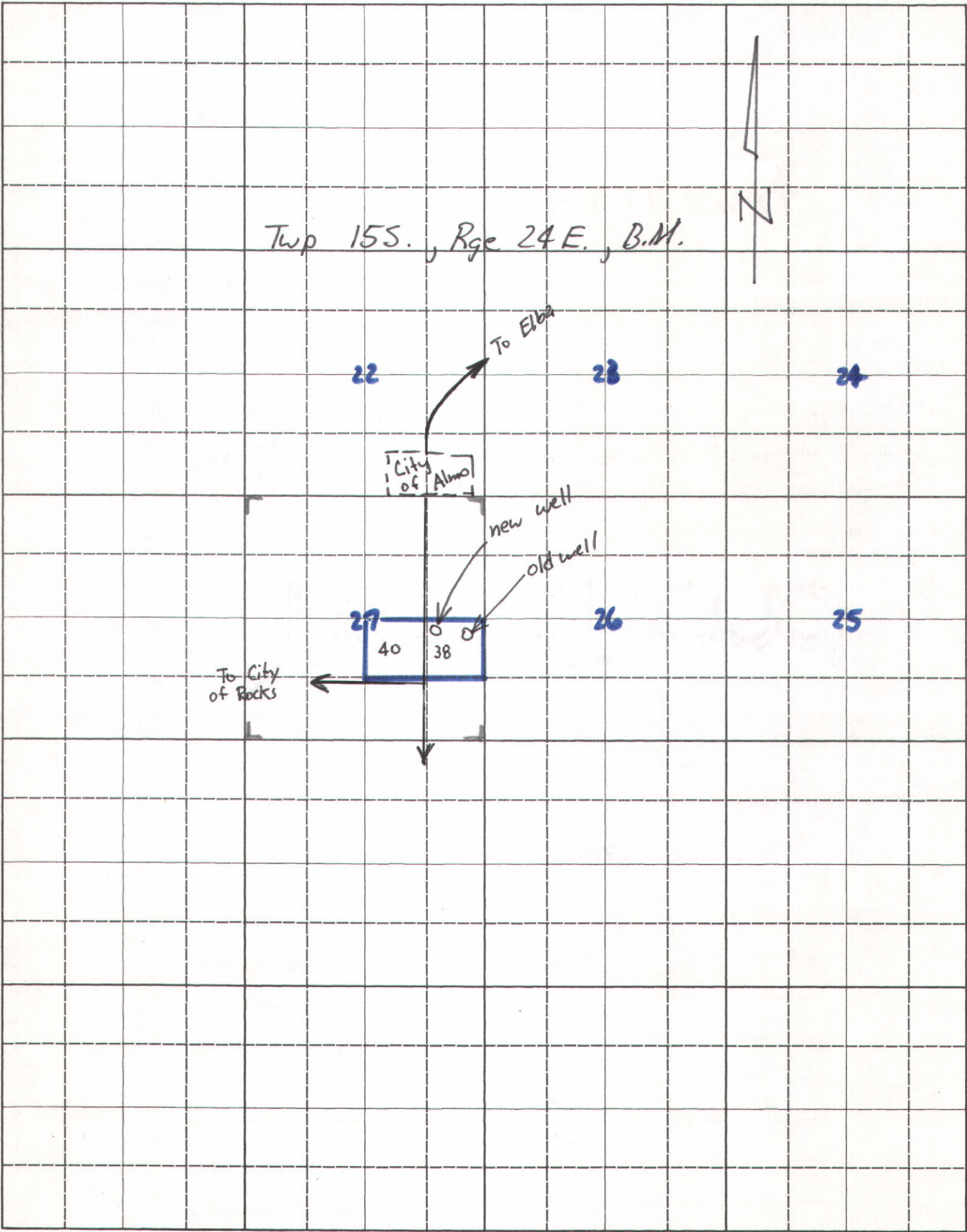


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



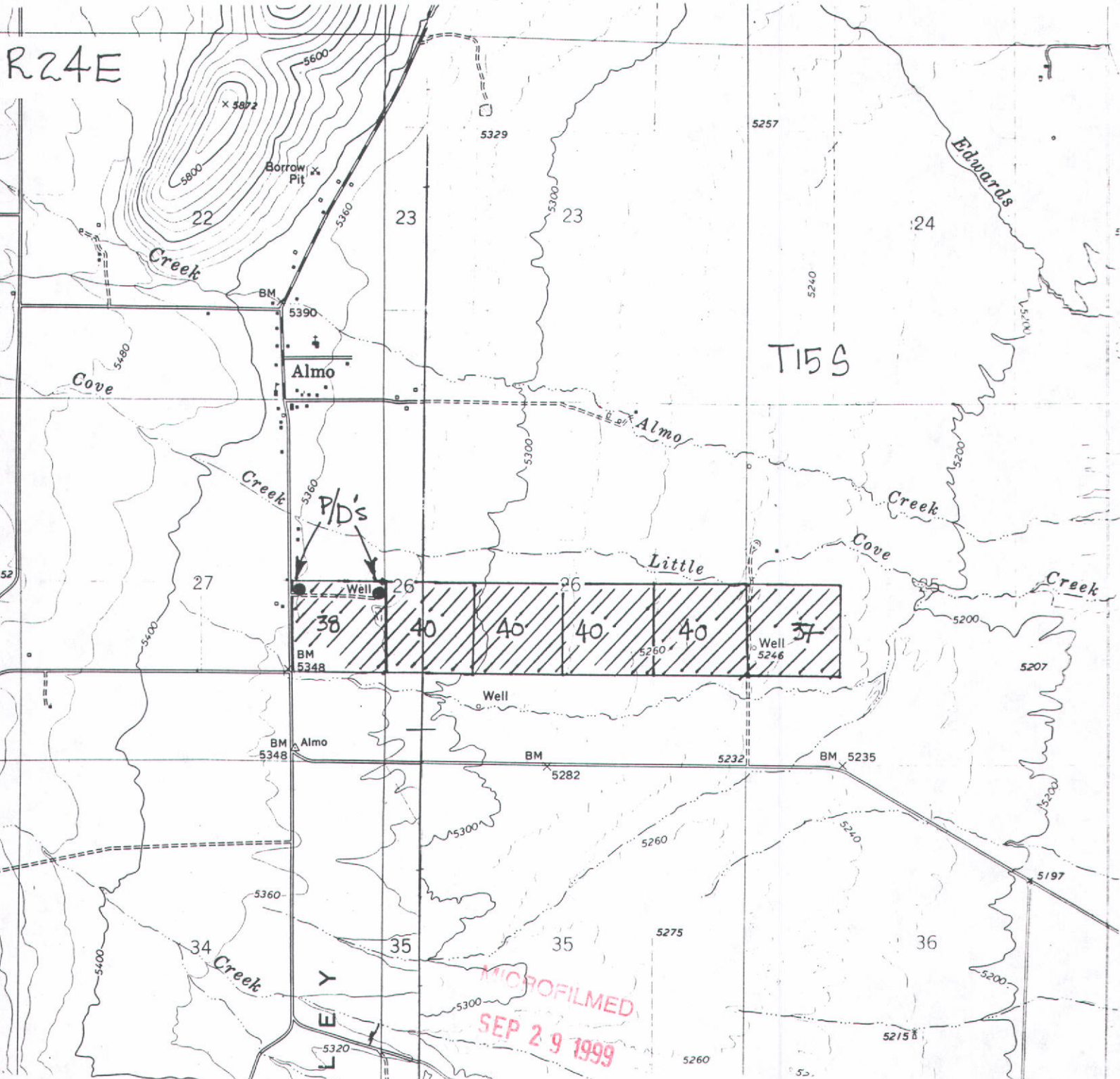
Scale: 2 inches equal 1 mile.

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.

Wallace C. Taylor
(Applicant)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.

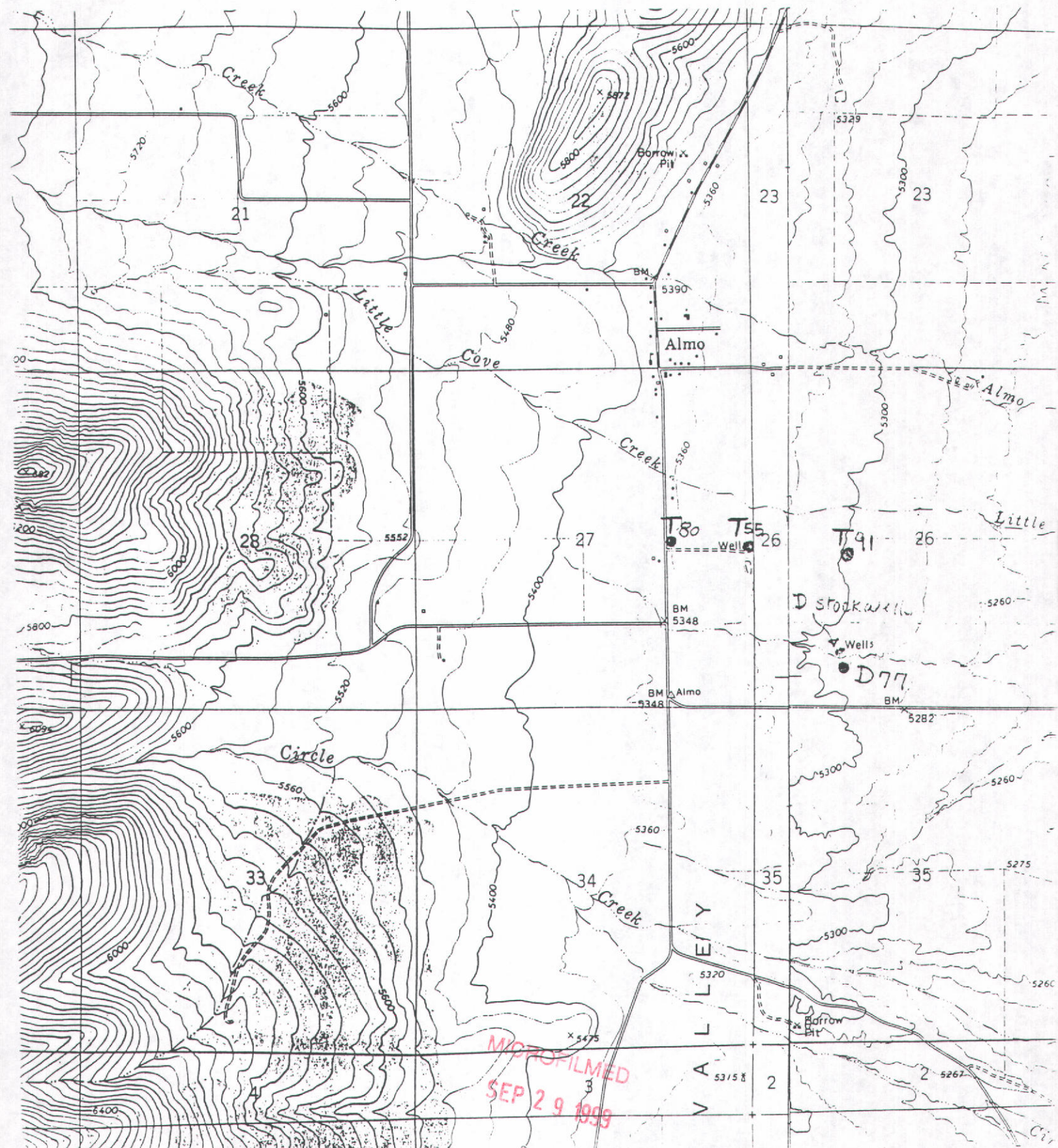


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Figure 1. Location of Wells

Department of Water Resources
Southern Region



R 24

E93

D328

3.8

E82

TwP 155 Rge 24E

E83

E81

E102

32A

B
6.0

E79

E122

37

38

E114

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SEP 07 1999

BEFORE THE DEPARTMENT OF WATER RESOURCES

Department of Water Resources

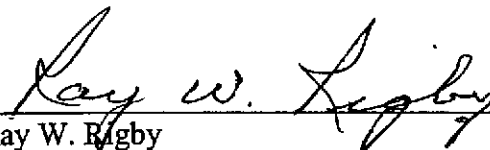
OF THE STATE OF IDAHO

IN THE MATTER OF APPLICATION)
FOR TRANSFER NO. 4953 IN THE)
NAME OF WALLACE C. TAYLOR)
AND/OR ROBERT E. TAYLOR)
_____)

**MOTION FOR DISMISSAL
WITHOUT PREJUDICE**

Comes now Ray W. Rigby, attorney for Wallace C. Taylor and Robert E. Taylor, and moves the Idaho Department of Water Resources to dismiss without prejudice the above entitled application for transfer no. 4953, on the basis of the affidavit of Ray W. Rigby attached hereto.

DATED this 30th day of August, 1999.



Ray W. Rigby

ORDER

On reading and filing the motion and affidavit of Ray W. Rigby in the above entitled matter, and good cause appearing is hereby ordered that the application for transfer no. 4953 in the name of Wallace C. Taylor and/or Robert E. Taylor be and the same is hereby **DISMISSED WITHOUT PREJUDICE**.

Dated this ____ day of August, 1999.

L. GLEN SAXTON, P.E.
Chief, Water Allocation Bureau

SEP 29 1999

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SEP 07 1999

Department of Water Resources

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF APPLICATION)
FOR TRANSFER NO. 4953 IN THE)
NAME OF WALLACE C. TAYLOR)
AND/OR ROBERT E. TAYLOR)
_____)

AFFIDAVIT OF
RAY W. RIGBY

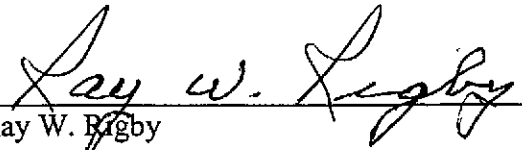
STATE OF IDAHO)

ss

County of Madison)

Ray W. Rigby, being first duly sworn, deposes and says:

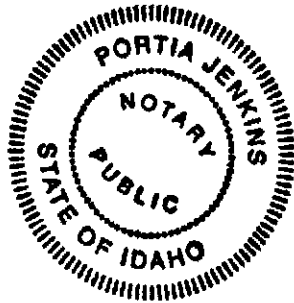
1. That he is the attorney for Wallace C. Taylor and Robert E. Taylor, in the above entitled matter.
2. Robert E. Taylor died in the fall of 1998 of cancer.
3. Wallace C. Taylor died of incidence due to old age in June of 1999.
4. Etta V. Taylor, wife of Wallace C. Taylor is alive, but resides in a Nursing Home, incapable of taking care of any business for herself or her husband's estate.
5. Carole T. Taylor, wife of Robert E. Taylor resides in the State of Colorado, she and her children are quite unaware of the matters of business of the estate of Wallace C. Taylor, and particularly of the water rights on the Wallace C. Taylor Farm and Ranch, and particularly those water rights referred to in the above caption.
6. Wallace C. Taylor's only child was Robert E. Taylor.
7. Delays in responding in the above entitled matter relate to the matters contained in this affidavit.
8. This affidavit is given in connection with a motion that the application for transfer no. 4953, be dismissed without prejudice, so that the matter may be reviewed with the errors and legates of the said Wallace C. Taylor and Robert E. Taylor before any final determination is made by those who will be distributed the real property to which this water right is an appurtenance.


Ray W. Rigby

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SEP 29 1999

SUBSCRIBED AND SWORN TO before me, a notary public in and for said state, this 30th day of August, 1999.



Portia Jenkins
Notary Public
Residing at: ^{Ashton} Rexburg, Idaho
My Commission Expires: 9/4/2003

MICROFILMED

SEP 29 1999

**BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO**

IN THE MATTER OF APPLICATION FOR)	
TRANSFER NO. 4953 IN THE NAME OF)	
WALLACE C. TAYLOR AND ROBERT E.)	PREHEARING ORDER
TAYLOR)	
_____)	

This matter having come before the Idaho Department of Water Resources (department), as a result of a protested application for transfer, the department makes the following Findings of Fact, Conclusions of Law and Order:

FINDINGS OF FACT

1. On August 19, 1996, Wallace C. Taylor and Robert E. Taylor (applicants or Taylors) filed with the department application for transfer No. 4953 (application) involving water right Nos. 43-04008 and 43-07152. On February 20, 1997, the applicants amended the application. The amended application seeks to change the place of use of 37 acres in Section 27, T15S, R24E, B.M. to 37 acres in Section 25, T15S, R24E, B.M.

2. The amended application was protested by Curtis and Mary Lou Durfee (Durfee), Edna M. Cahoon and the Idaho Department of Parks & Recreation - City of Rocks National Reserve.

3. On October 20, 1997, the department conducted a conference in the matter at Burley, Idaho. Issues identified at the conference by the protestants were a) that part of the water rights sought for transfer have been forfeited through non-use and b) that the rate of flow associated with claim No. 43-04008 exceeds the rate actually diverted in the past resulting in enlargement if the rate of flow for claim No. 43-04008 is increased.

4. Water right claim No. 43-04008 is recorded with the department as follows:

Claimant:	Wallace C. Taylor
Source:	Groundwater
Priority:	April 1, 1955
Rate of div:	2.2 cfs
Point of div:	NESE Section 27, T15S, R24E, B.M. NWSW Section 26, T15S, R24E, B.M.
Use:	Irrigation
Place of use:	238 acres in Sections 26 and 27, T15S, R24E, B.M.
Remarks:	Transfer No. 2358 approved in April 1980 authorizes the present use of the claimed right.

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SEP 29 1999

5. License No. 43-07152 is recorded with the department as follows:

Licensee: Wallace C. Taylor
Source: Groundwater
Priority: May 13, 1980
Rate of div: 1.5 cfs
Point of div: NESE Section 27, T15S, R24E, B.M. (2 pts)
Use: Irrigation
Place of use: 75 acres in Section 27, T15S, R24E, B.M.

6. Permit No. 43-07310 is recorded with the department as follows:

Permittee: Robert C and/or Robert E. Taylor
Source: Groundwater
Priority: May 28, 1991
Rate of div: 1.6 cfs
Point of div: NENSW Section 26, T15S, R24E, B.M.
NWNESE Section 27, T15S, R24E, B.M.
Use: Irrigation
Place of use: 80 acres in Section 25, T15S, R24E, B.M.

7. License No. 43-07109 is recorded with the department as follows:

Licensee: Curtis and Mary Lou Durfee
Source: Groundwater
Priority: October 17, 1977
Rate of div: 1.48 cfs
Point of div: SWSW Section 26, T15S, R24E, B.M.
Use: Irrigation
Place of use: 113 acres in Section 26, T15S, R24E, B.M.

8. Controversy over the use of groundwater diverted from irrigation wells by the Taylors and by Durfee has been ongoing for some time and involves groundwater interference among wells in a localized area south of Almo, Idaho. Taylors have three (3) irrigation wells, one drilled in 1955, one in 1980 and one in 1992. Durfee has one (1) irrigation well drilled in about 1977.

9. In 1994, the Taylors and Durfee hired Dr. Charles Brockway to conduct a well interference study. The study showed that the 1991 Taylor well and the Durfee well are in the same layer of the aquifer system which has a high hydraulic conductivity. The 1955 and 1980 Taylor wells were found to be somewhat insensitive to drawdowns in the 1991 Taylor well and the Durfee well.

10. The rate of discharge from the 1955 Taylor Well is unknown.

CONCLUSIONS OF LAW

1. The rate of discharge from the 1955 Taylor well located in the NESE Section 27, T15S, R24E, B.M. needs to be known in order for the department to be able to evaluate the pending application for transfer.

2. The department should require the applicants to measure and report certain information in connection with use of the 1955 Taylor well.

ORDER

IT IS THEREFORE, HEREBY ORDERED that the applicants shall submit a proposal to the department for review and approval in connection with water use from the 1955 Taylor well. The proposal should include provisions for reporting of the date, time, pressure, rate of flow, totalized volume, static water level, frequency and duration of measurement.

IT IS FURTHER ORDERED that the department will not schedule a hearing in the matter until the applicants provide a proposal for review and approval by the department and gather and provide the information in the approved proposal.

Dated this 24th day of November, 1997.


L. GLEN SAXTON, Chief
Water Allocation Bureau

CERTIFICATE OF SERVICE

I DO HEREBY CERTIFY that on the 25th day of November, 1997, the above and foregoing document was served upon the following by placing a copy of the same in the United States Mail, postage prepaid and properly addressed to the following:

Wallace C Taylor
PO Box 144
Almo ID 83312

Edna M Cahoon
PO Box 157
Almo ID 83312

Robert E Taylor
2714 Wakonda Dr
Fort Collins CO 80521

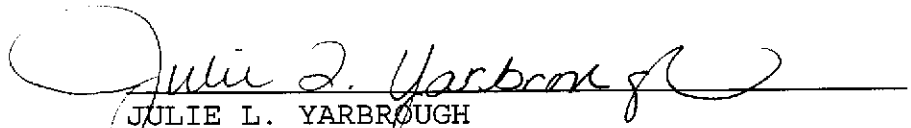
Ned R Jackson
Park Manager City of Rocks
National Reserve
PO Box 169
Almo ID 83312

Ray Rigby Esq
PO Box 250
Rexburg ID 83440

Peter J Ampe
Deputy Attorney General
PO Box 83720
Boise ID 83720-0010

Curtis L Durfee
Mary Lou Durfee
PO Box 185
Almo ID 83312

William A Parsons
PARSONS SMITH STONE
AND FLETCHER LLP
PO Box 910
Burley ID 83318


JULIE L. YARBROUGH
Senior Secretary, Water Allocation Bureau

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 43-7152 Priority May 13, 1980 Amount 1.50 cfs

THIS IS TO CERTIFY, that Wallace C. Taylor
of Almo, Idaho, has complied with the terms and conditions of Permit
No. 43-7152 issued pursuant to Application for Permit dated May 13, 1980,
and has submitted proof to the Department of Water Resources on May 27, 1982,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 1.88 cfs of water from a groundwater source,
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
Irrigation	from <u>March 15</u> to <u>November 15</u>	at <u>1.50</u> cfs and	<u>262.5</u> acre feet
	from _____ to _____	at _____ cfs and	
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than 1.50 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
262.5 acre feet per year, said waters to be diverted within the (2 pts) NE $\frac{1}{4}$ SE $\frac{1}{4}$
Section 27, Twp 15S, Rge 24E in the County of Cassia

Description and location of place of use:

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
15S	24E	27													38	37			75

Total number of acres irrigated 75

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CONDITIONS OF APPROVAL

- a. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.
 - b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.
 - c. Any water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water other than hydropower, within the State of Idaho initiated later in time than the priority of this license.
- This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 15 day of November, 19 85.

Acting for the Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

RECEIVED
APPROVED
MAY 19 1980

To appropriate the public waters of the State of Idaho

Department of Water Resources
820 South 7th Street
Boise, Idaho 83721

1. Name of applicant Wallace C. Taylor Phone _____
Post office address Almo, Idaho, 83312

2. Source of water supply Groundwater which is a tributary of _____
3. Location of point of diversion is 2 points NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 27 Township 15S.
Range 24E. B.M. Cassia County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 1.56 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. 1.56 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Two wells delivering to pond; water
is then pumped from pond a sprinkled on the ground.

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)

old new c. Proposed well diameter is 14-6 inches; proposed depth of well is 550 feet.
(Month/Day) (Month/Day)

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: _____

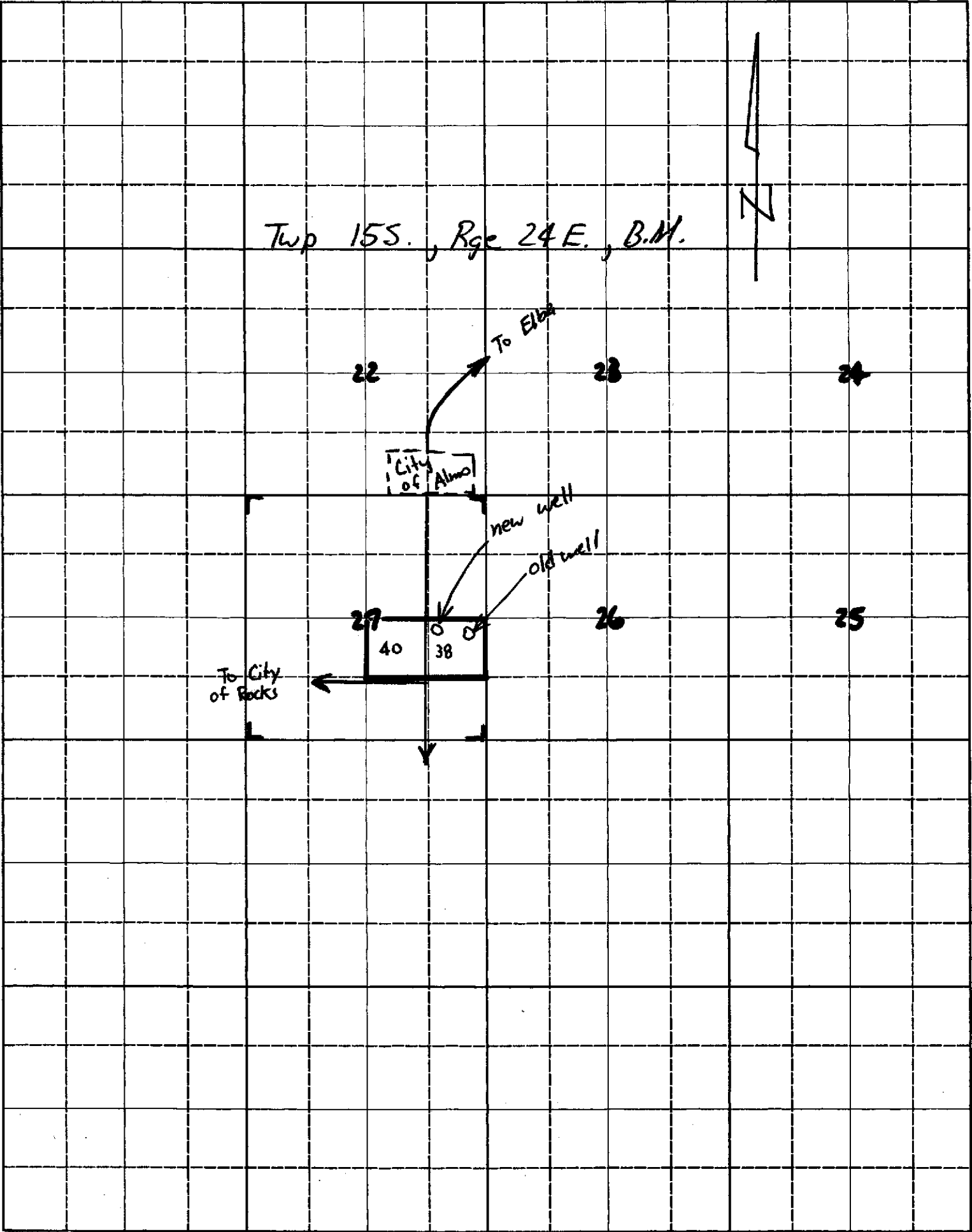
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by a person other than the applicant, describe the arrangement enabling the

marks

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.

Wallace C. Taylor
(Applicant)

Proposed Priority 5/13/80

Received by ADM Date 5/13/80 Time 11:00 a.m.

Preliminary check by *gm* Fee \$ 45.00

Received by *mmg* Date 5/13/80 # 16434

Publication prepared by *mmg* Date 5/1/80

Published in *South Sea Press*

Publication dates 6/6 + 6/17/80 6/24 + 7/1/80

Publication approved *mmg* Date 8/18/80

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____

Recommended for approval denial by *gm*

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. 43-7152, 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 be-

fore September 1, 19 85.

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: (1) 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 17 day of September, 19 80.

David R. Tisdall
CHIEF, DIVISION OF PERMITS

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
) ss.
STATE OF IDAHO)

Brenda Cooper being first
duly sworn, deposes and says that She is the

Clerk of the South Idaho
Press, a daily newspaper published at Bur-
ley Idaho, in the county aforesaid and that
the paper is of general circulation therein.
Deponent further states that the printed no-
tice attached hereto was duly published
according to law in the regular editions of

The South Idaho Press for Two
consecutive weeks, commencing with the issue

dated June 24 1980, and ending

with the issue dated July 8, 1980

Brenda Cooper

Subscribed and sworn to before me
this 15th day of Aug.
1980.

Notary Public

Cost of Publication

Notary Fee

Total Cost

Department of Water Resources
Southern District Office

80-241

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following ap-
plication has been submitted for permit to ap-
propriate the public waters on the State of Idaho:

43-7152

Taylor, Wallace C.

Almo, ID 83312

Source: GROUNDWATER

Date Filed: 05/13/1980

Amount: 1.56 CFS

Diversion Point: NESE Sec. 27 T 15S R 24E, Cassia
Co.

Use: IRRIGATION (1.56 CFS) from 03/15 to 11/15
Place of Use: NESE NWSE Sec. 27 T 15S R 24E for 78
acres.

Diversion Means: WELLS, PUMPS & SPRINKLERS.

If issued, the permit will be subject to all prior
water rights. Protests against the granting of any
permit must be filed with the Director of the Idaho
Department of Water Resources, 1041 Blue Lakes
Blvd. North, Twin Falls, Idaho 83301 and received
on or before June 27, 1980.

C. STEPHEN ALLRED
Director

Published in the South Idaho Press on June 24,
July 1, 1980.

of
M.M.
4-18-80

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

*called correction
6/20/80*

County of Cassia,)
STATE OF IDAHO) ss.

Brenda Cooper being first

duly sworn, deposes and says that She is the

clerk of the South Idaho Press, a daily newspaper published at Burley Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of

The South Idaho Press for Two consecutive weeks, commencing with the issue

dated June 10 1980, and ending

with the issue dated June 17, 1980.

Brenda Cooper

Subscribed and sworn to before me

this 18 day of June

1980..

Norma M. Peterson Notary Public

Cost of Publication \$11.07

Notary Fee \$

Total Cost \$11.07

NOTARY PUBLIC RESIDING AT
RUPERT, IDAHO. MY COMMISSION
EXPIRES JUNE 21, 1981

80-241

**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given that the following application has been submitted for permit to appropriate the public waters on the State of Idaho:

43-7152

Taylor, Wallace C.

Almo, ID 83312

Source: GROUNDWATER

Date Filed: 05/13/1980

Amount: 1.56 CFS

Diversion Point: NESE Sec. 27 T 15S R 24E, Cassia Co. 15S

Use: IRRIGATION (1.56 CFS) from 03/15 to 11/15

Place of Use: NESE NWSE Sec. 27 T 15S R 24E for 78 15S acres.

Diversion Means: WELLS, PUMPS & SPRINKLERS.

If Issued, the permit will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before June 27, 1980.

C. STEPHEN ALLRED
Director

Published in the South Idaho June 10, 17, 1980.

Idaho Department of Water Resources
Southern District Office

MEMORANDUM

TO: FILE 43-07152

FROM: PAM SKAGGS

RE: TRANSFER # 4953

DATE: 4/8/99

Original Transfer Application, Form and correspondence
regarding the above referenced Transfer is located within
file # 43-04008.

MICROFILMED
SEP 29 1999



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

May 15, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

William P. Parsons
137 W. 13th St
P.O. Box 910
Burley, ID 83318

RE: TRANSFER NO. 4953 IN THE NAME OF WALLACE C. TAYLOR AND
ROBERT E. TAYLOR

Dear Mr. Parsons:

The department has reviewed the affidavit of Curtis Durfee (Durfee) which you submitted to the department on May 15, 1998 in connection with the above referenced matter. The affidavit asks the department to issue an appropriate administrative order to Wallace C. Taylor (Taylor) requiring cessation of diversion of water from a well located in the NENWSW Section 26, T15S, R24E, B.M. which was constructed approximately in 1991 under permit No. 43-07310.

I contacted our regional office in Twin Falls who advised me that they investigated this matter approximately on May 7, 1998 based on a phone call from Durfee. The regional office determined that Taylor was using water on land authorized by his permit and also determined that Durfee had not yet started diverting water under his water right.

The alleged injury problem is related to but separate from the protested application for transfer referenced above. As you know, on November 24, 1997, the department issued a prehearing order in connection with protested application for transfer No. 4953. The order required the applicant (Taylor) to prepare and submit to the department a proposal to measure and monitor certain characteristics of the 1955 Taylor well before the department would schedule a hearing in the protested matter. Taylor has not submitted such a proposal to the department.

It appears that the Conjunctive Management Rules (rules) promulgated by the department on October 7, 1994 as IDAPA 37.03.11030 (Rule 30) may be appropriate for your client to follow

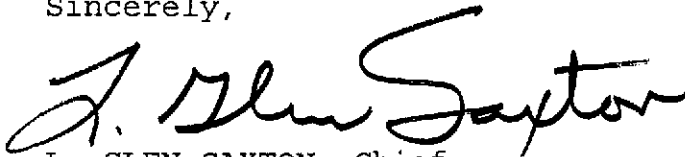
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SEP 2 8 1998

to seek relief to the alleged injury. The rules provide a procedure for the holder of a senior priority water right to place a "delivery call" against the holder of a junior priority ground water right. Among other matters, the rules describe the sequence of actions associated with a delivery call.

If you have questions, please feel free to contact the department.

Sincerely,

A handwritten signature in cursive script, reading "L. Glen Saxton". The signature is written in dark ink and is positioned above the printed name and title.

L. GLEN SAXTON, Chief
Water Allocation Bureau

c: Ray Rigby
IDWR - Allen Merritt

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SEP 23 1993

PARSONS, SMITH & STONE, LLP

ATTORNEYS AT LAW

137 WEST 13TH STREET

P. O. BOX 910

BURLEY, IDAHO 83318

WILLIAM A. PARSONS

RICHARD K. SMITH

RANDOLPH C. STONE

rcstone@cyberhighway.net

TELEPHONE

(208) 678-8382

FAX NO.

(208) 678-0146

May 13, 1998

Department of Water Resources
1301 North Orchard Street
P. O. Box 83720
Boise, Idaho 83720

RECEIVED

MAY 15 1998

Department of Water Resources

RE: Transfer No. 4953

Gentlemen:

Enclosed is the original signed Affidavit of Curtis L. Durfee with Brockway report enclosed for the above matter.

Thank you.

Very truly yours,

PARSONS, SMITH AND STONE, LLP



William A. Parsons

WAP:rt

cc: Curtis L. Durfee

cc: Ray Rigby
Rigby, Thatcher, Anderson
Rigby, Kam and Moeller
Box 250
Rexburg, Idaho 83440

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SEP 19 1998

MAY 15 1998

BEFORE THE DEPARTMENT OF WATER RESOURCES Department of Water Resources

OF THE STATE OF IDAHO

IN THE MATTER OF THE APPLICATION FOR) AFFIDAVIT OF CURTIS
)
 TRANSFER NO. 4953.) L. DURFEE

 STATE OF IDAHO)
) ss
 County of Cassia)

CURTIS L. DURFEE, being first duly sworn on oath, deposes
 and says:

1. I am over the age of 21 years and am competent to
 testify as to the matters stated in this affidavit. The
 statements are made of my own knowledge.

2. On or about May 1, 1998 Wallace C. Taylor turned
 on a pump at a well located in the Northeast Quarter Northwest
 Quarter Southwest Quarter (~~NE~~ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$) of Section 26, Township
 15 South, Range 24 East, Boise Meridian, for the delivery of
 water to the Northwest Quarter Southwest Quarter ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$),
 Section 25, Township 15 South, Range 24 East, Boise Meridian.

3. The water stopped being diverted on or about May
 9, 1998, after a field visit on or about May 7, 1998, from the
 Department of Water Resources.

4. The irrigation as heretofore stated was also
 witnessed by Juanita Jones and Sarah Wolcheski who are
 residents in the vicinity of the lands and water involved in
 this affidavit.

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SEP 29 1999

6. That during the time of the pumping in May of 1998, the water rights of your Affiant, namely, A45-07109, were adversely affected in the same manner as they have been adversely affected by previous pumping by Wallace C. Taylor or those working or related to him. Previous complaints have been registered with the Department of Water Resources.

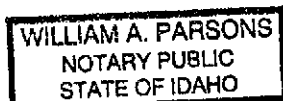
7. The report of C. E. Brockway dated April 13, 1995, is attached to this affidavit and forms part of this affidavit by incorporation by reference. The report conclusively demonstrates the interference of the Durfee well when the Taylor well is operational.

8. This affidavit is made for the purpose of requesting the Department of Water Resources issue appropriate administrative order directed to Wallace E. Taylor, his agents, employees, family, or others connected therewith to cease and desist from pumping the well.

DATED this 13 day of May, 1998.

y of May, 1998.
Curtis L. Durfee
Curtis L. Durfee

SUBSCRIBED AND SWORN to before me, this 13 day of
May, 1998.



Residing at Burley, Idaho
My Commission Expires 7/29/98

before me, this 13 day of June, 2020

William A. Passer
Notary Public for Idaho

RECEIVED
JUL 9 1966

CERTIFICATE OF MAILING

I hereby certify that on the 13 day of May, 1998,
I served a copy of the foregoing Affidavit of Curtis L. Durfee
upon the following:

Ray Rigby
Rigby, Thatcher, Anderson,
Rigby, Kam and Moeller
Box 250
Rexburg, Idaho 83440

by depositing a copy thereof in the United States mail, postage
prepaid, in an envelope addressed to the above named persons at
the above addresses, their last known address.

PARSONS, SMITH & STONE, LLP


William A. Parsons
Attorneys for Curtis L. Durfee
137 West 13th Street
P. O. Box 910
Burley, Idaho 83318

MAY 15 1998

Department of Water Resources

**Well Interference Study
William Durfee and Wallace Taylor Wells
Almo, Idaho
C.E. Brockway P.E. PhD
M.A. Kahlown PhD
April 13, 1995**

Background: There are four irrigation and two stock wells in Township 15S, Range 24 E, Sections 26 and 27 which belong to Mr. Wallace Taylor and Mr. Curtis Durfee. The discharge of these wells varies from 1.5 to 2.5 cfs. Mr. Taylor's earliest well, labeled T55 on Figure 1, was drilled in 1955 and is located in the NE SE of Section 27. The Taylor 1980 well(T80) is located in NE SE sec 27 near the Almo road and the Taylor 1991 well(T91) is located in NW SE Sec 26 approximately 3/8 mile east of the Almo road. Mr. Durfee's irrigation well(D77) was drilled in 1977 and is located in the SE SW Sec 26 approximately 1900 feet south of the Taylor 1991 well. It has been reported that when the Taylor 1991 well is pumped with a discharge of approximately 2.2 cfs that the Durfee well experiences significant drawdown which prevents diversion of the licensed discharge. Mr. Durfee contacted Mr. Parsons, Attorney for advise on a course of action to remedy the problem. Mr. Parsons suggested that a study be conducted to verify the hydrologic relationships between the wells to be conducted by an engineer or hydrologist mutually agreeable to each party. Dr. C.E. Brockway was contacted to render an opinion regarding the hydraulic connection between the wells.

Dr. Brockway undertook a field visit on May 10, 1994, and made an initial set of water level measurements in the presence of Mr. Taylor and Mr. Durfee. Since changes in measured static water levels can be attributed to regional changes in aquifer water levels caused by drought or above average recharge conditions and by the influence of the adjacent pumping wells, a pumping test was suggested to obtain a reliable set of static water and pumping water level measurements. Because of the demand for irrigation water in summer of 1994 and inconvenience of shutting off the irrigation wells, the date for the pump out test was agreed upon in fall of 1994. This report presents the findings of this pump out test and results of ground water model simulations, conducted to evaluate the interference effect for longer pumping periods with varying discharge rates.

Methodology: Data on well logs and geology of the area was obtained from the regional office of Idaho Department of Water Resources. Well driller's logs were obtained for all wells including a hand written log for the Durfee 1977 well. A pump out test was designed based on the hydro-geologic information of the well field. Since a strong hydraulic connection was suspected, either the Durfee 1977 or the Taylor 1991 well could be pumped and water level responses measured in

MICROFILMED

SEP 29 1999

the other wells. The Durfee 1977 well was run for 25 hours and static water level (water level before pumping) and pumping water level measurements were conducted. The water pumped from the Durfee well during the pump out test was diverted to the east through the existing sprinkler main line to a nearby open channel. A 45 degree V-notch flume was installed in the open channel and remained there for the duration of the pumping test. Electronic well sounders were used to measure the static and pumping water levels in all the six wells. The pump test was started on January 26, 1995 at 12:15 o'clock in the morning and completed at 1:00 p.m. in the afternoon of the next day. Mr. Durfee and Mr. Taylor were present during the entire pump test and the associated measurements..

In order to determine long term interference effects and to evaluate the effect of varying discharge rates on water levels in the Durfee 1977 and Taylor 1991 wells, a two dimensional ground water flow model was constructed. The aquifer system of section 26 was divided in to a grid of 40 rows and 40 columns and the Durfee 1977 and Taylor 1991 wells were superimposed on it, at their actual locations. Based on the geology as indicated by the well logs and earlier pump out tests conducted on several wells, good estimates of aquifer parameters such as storage coefficient and transmissivity were made. A storage coefficient of 0.000001 and transmissivity of 5300 ft²/day was used in the model simulations. These aquifer parameters are representative of a confined, permeable aquifer.

The ground water model was calibrated with data obtained from the pump out test of January 26, 1995 and model aquifer parameters were adjusted to match the drawdown obtained on the Durfee 1977 and Taylor 1991 irrigation wells during the pump out test. The calibrated model was then used to evaluate the effect of long time pumping and various discharge rates on drawdown at both the Taylor 1991 and Durfee 1977 wells. For these model simulations, the Taylor 1991 well was run with a discharge of 2.20 cfs. Model runs were made for 0.5, 1, 5, 10, 20, 40, 60, 90, and 120 days of continuous pumping. Since the Durfee 1977 and Taylor 1991 wells pump different amounts of water, their interference effect would be different, depending on which well is pumping. The measured discharge of the Durfee 1977 well is 1.64 cfs and reported discharge of the Taylor 1991 well is about 2.40 cfs. To quantify the magnitude of interference due to varying discharge rates, the ground water model was run with 0.5, 1.0, 1.5, 2.0, 2.5, 3, 3.5, and 4 cfs for a pumping time of one day.

Results: The water level measurements obtained during the pump out test show that a water level drop of 19 feet occurred in the Taylor 1991 well when the Durfee Irrigation well was pumped at a discharge of 1.64 cfs for 25 hours of pumping. The distance between the Durfee 1977 and Taylor 1991 irrigation wells is about 1320 feet. The water level drop in the Taylor 1955 and 1980 wells was 0.75 and 0.20 feet respectively. Water level drop in the Durfee old and new stock wells was zero and 5.70 feet respectively. The details of these

WICPO. 11.11.11

SEP 29 1999

measurements are summarized in Table 1. The static water levels in the Durfee 1977 and Taylor 1991 wells were 128.83 and 133.16 feet respectively, whereas the static water levels in the Taylor 1955 and 1980 wells were 180 and 210 feet respectively. The static water levels in the Durfee old and new stock wells were 77.60 and 104.79 feet respectively.

Ground water model simulations made to evaluate the impact of long term pumping on water levels show a simulated maximum drawdown of 70.5 feet will occur in the Taylor 1991 pumping well after 24 hours of continuous pumping at 2.2 cfs. The Durfee non pumping well will experience a drawdown due to pumping the Taylor 1991 well for 24 hours at 2.2 cfs of 23.22 feet. After 24 hours of pumping, the simulated drawdown in the Taylor 1991 well is approximately 82% of the maximum drawdown after 120 days of pumping. Similarly, the Durfee 1977 well drawdown after 12 hours is 60% of the drawdown after 120 days of pumping. However, the drawdown becomes fairly stable after 40 days of pumping (Figure 2).

The result of the pump test show a direct relationship between the drawdown in the Taylor 1991 well and the Durfee 1977 well. Discharge simulations show a direct relationship between the pumped discharge and the drawdown (Figure 3). The drawdown changes are more sensitive to flow rate changes than the pumping time. Flow rates of 0.5 and 2.5 cfs resulted in draw downs of 16.47 and 82.36 feet in the Taylor 1991 well after one day of pumping. A drawdown of 5.72 and 28.63 feet was simulated in the non pumping Durfee well, with the same flow rates and pumping time.

Conclusions: The results of the pump out test and ground water model simulations show that the aquifer system in the vicinity of the Taylor and Durfee wells is a multilayered system with different hydraulic characteristics at different depths. The Durfee 1977 and Taylor 1991 wells are in the same layer of the aquifer system which has a relatively high hydraulic conductivity. The other wells in the aquifer do not exhibit the same relationships to the Taylor 91 and Durfee 77 wells and are in fact somewhat insensitive to draw downs in the Durfee 77 and Taylor 91 wells. The static water levels and pumping water level measurements show that both Durfee 1977 and Taylor 1991 wells are supported by the same aquifer system. A difference of about 4 feet in static water levels of these wells is mostly due to differences in land surface elevations. The Taylor 1955 and 1980 irrigation wells and the Durfee old and new stock wells are open to different layers of the aquifer system

The magnitude of interference between the Taylor 91 and Durfee 77 wells will depend on discharge rates and pumping time. All wells in the aquifer are subject to regional hydrologic variability caused by drought and variations in regional recharge which will affect water levels.

NOTED

SEP 29 1995

Ground water model simulations also show that the drawdown on these wells is more sensitive to pumping rates than the pumping time.

It is unlikely that either of the two interfering wells, Durfee 1977 or Taylor 1991, will be run continuously. In order to evaluate the effect of intermittent pumping of either or both wells, a ground water model could be constructed to simulate the impact of transient pumping patterns on drawdown. Transient or intermittent pumping patterns will produce comparatively smaller draw downs than the continuous pumping.

NOTED

SEP 29 1999

Table 1. Summary of Reported Pump Test Data: Durfee-Taylor Pump Test

Well	Use	Reported or Measured discharge cfs	Static WL ft	Pumping WL** ft	Drawdown** ft
D-1977	Irrigation	1.64	128.83	186.50	57.73
D-Old Stock Well	Stock	NA	77.60	77.60	0.00
D-New Stock Well	Stock	NA	104.79	110.50	5.70
T-1991	Irrigation	2.20	133.16	152.20	19.04
T-1980	Irrigation	1.80	210.00	210.20	0.20
T-1955	Irrigation	0.70	180.00	180.75	0.75

** Drawdown measured after 24 hours with the Durfee well pumping 1.64 cfs

527 7 8 1980

Figure 2. Relationship Between Pumping Time and Drawdown (Taylor 1991 Well Pumping at 2.2 cfs)

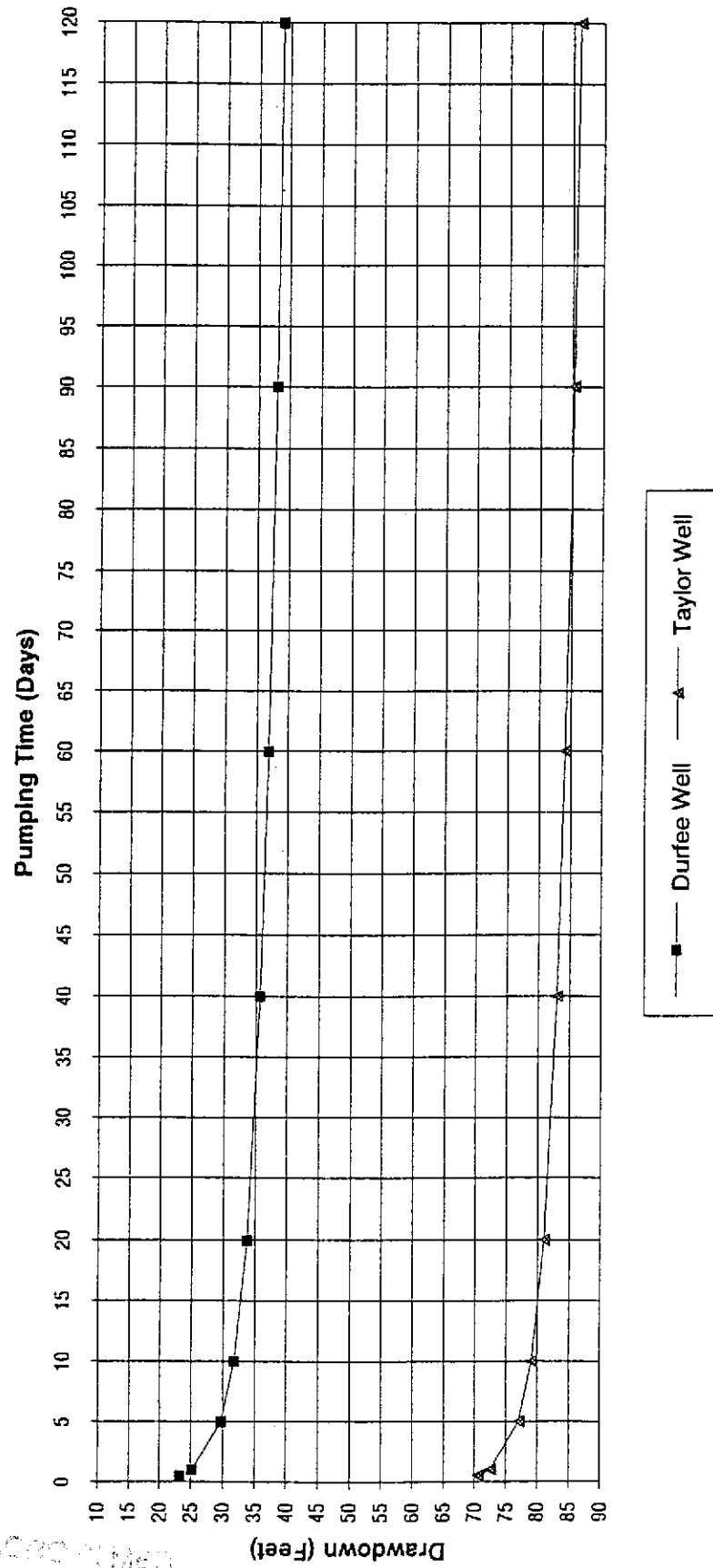
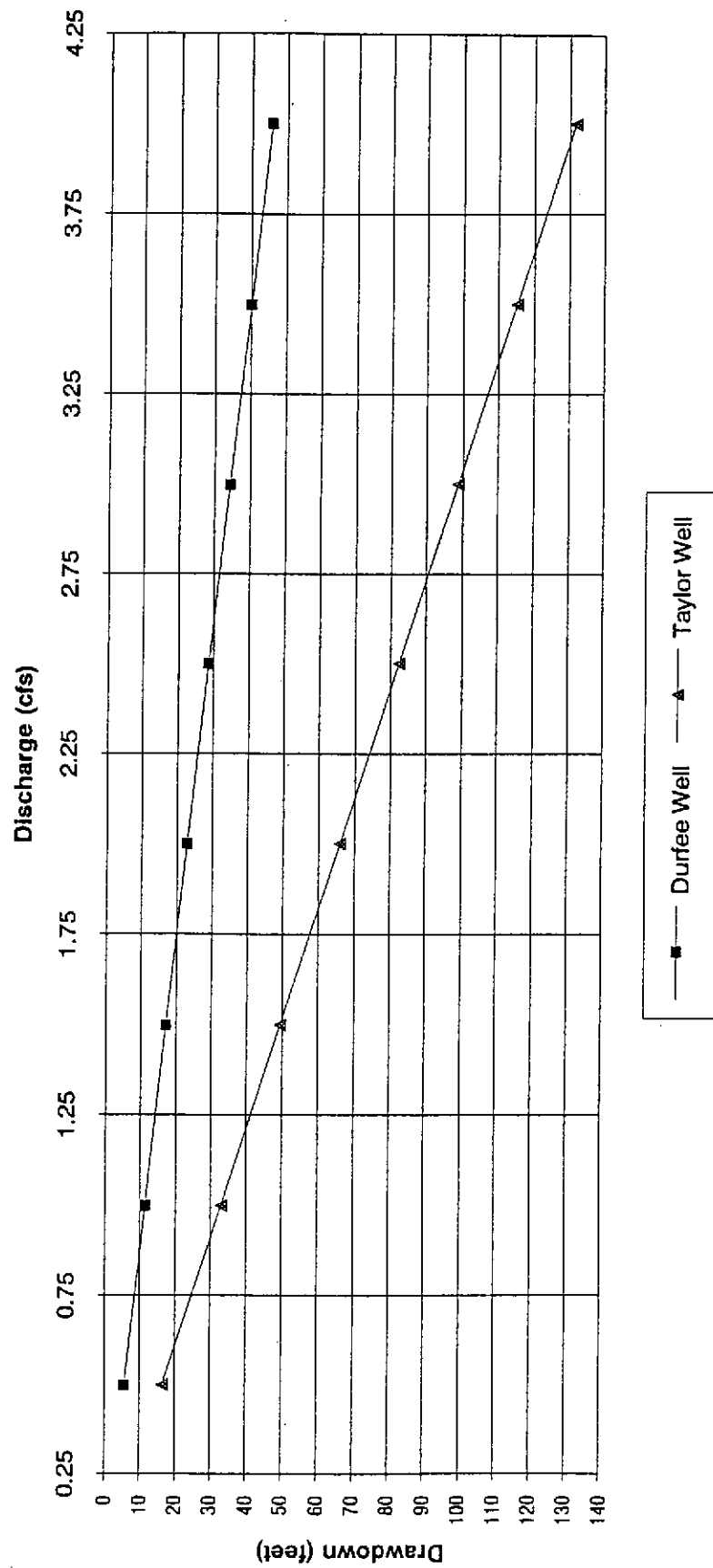


Figure 3. Relationship Between Discharge and Drawdown after 24 hours (Taylor Well Pumping)



SEP 29 1990
MICHIGAN

ROUTING SLIP

Distribution		Provided for your:	
Date: 4/11/97		Information	X
To: Pam Shoggs		Comments	
From: Southern		Approval	
		Signature	
Special Notes:			

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SEP 29 1999

AMENDED TRANSFER

Page 1 of 7

STATE OF IDAHO

Transfer No. 4953

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT RECEIVED

PART 1 Department of Water Resources
Southern Region

APR 14 1997

Name of applicant Wallace C. Taylor &/or Robert E. Taylor (208)824-5572 or
 Phone (970)824-5572
 Post Office address PO Box 144, Almo, ID. 83312 or 2714 Wakonda Dr., Ft. Collins, CO. 80521

A. PURPOSE OF TRANSFER

1. ☐ Change point of diversion ☐ Add diversion point(s) ☒ Change place of use
☐ Change nature of use ☐ Change period of use ☒ Other Correct irrigation season
2. Describe the reason for the proposed changes Water to be concentrated on the more productive land, especially during drought. Water to be co-mingled. Land in Section 25 is less rocky than the land in Section 27.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number	Priority	Amount (cfs/ac-ft)	Nature of Use	Period of Use
<u>43-04008</u>	<u>04/01/1955</u>	<u>2.20</u>	<u>Irrigation</u>	<u>4/1</u> to <u>10/31</u>
<u>43-07152</u>	<u>05/13/1980</u>	<u>1.50</u>	<u>" "</u>	<u>"</u> to <u>"</u>
				to
				to

2. Total amount of water being transferred 3.7 cubic feet per second and/or _____ acre-feet per annum.
3. Source of water Groundwater tributary to _____
4. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
	NE	NE	SE	27	15S	24E	Cassia	Well (1955)
	NW	NE	SE	27	15S	24E	Cassia	Well (1980)

5. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
15S	24E	27													38				38
15S	24E	26									40	40			40	40			160
15S	24E	25										37							37

Total acres 235

PART 1

6. General Information:

a. Description of diversion system 2(Two) wells, pumps are all linked into a common mainline; handlines are used.

b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? _____ Yes X No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.

c. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:
Allows water to be concentrated on the more productive land; forage production should increase, especially during drought years.

d. Remarks:

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____
 And said application is hereby _____, subject to the following limitations and conditions:

Witness my hand this _____ day of _____, 19 _____

RECEIVED
 SEP 29 1960

PART 2

TRANS NO. 4953

A. DESCRIPTION OF RIGHT AS RECORDED:

Water Right No. 43-04008

STAGE: STATUTORY CLAIM

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>
IRRIGATION	03/01 to 10/31	2.20 CFS

SOURCE

GROUNDWATER

Priority: 04/01/1955

LOCATION OF POINT(S) OF DIVERSION:

NWSW , Sec. 26, Township 15S, Range 24E
 NESE , Sec. 27, Township 15S, Range 24E
 CASSIA County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
15S 24E 26	NESW	NWSW	NESE	
	NWSE			
27	NESE	NWSE		

CONDITIONS/REMARKS:

1. AC. IRR.=238.
2. TRANS. 2358 PROTESTED.

RECORDED
 SEP 29 1985

PART 2

TRANS NO. 4953

A. DESCRIPTION OF RIGHT AS RECORDED:

Water Right No. 43-07152

STAGE: LICENSE

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	1.50 CFS	262.5 AF

SOURCE

GROUNDWATER

Priority: 05/13/1980

LOCATION OF POINT(S) OF DIVERSION:NESE , Sec. 27, Township 15S, Range 24E
CASSIA CountyPLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
15S 24E 27	NESE 38	NWSE 37		75
Total number of acres irrigated:				75

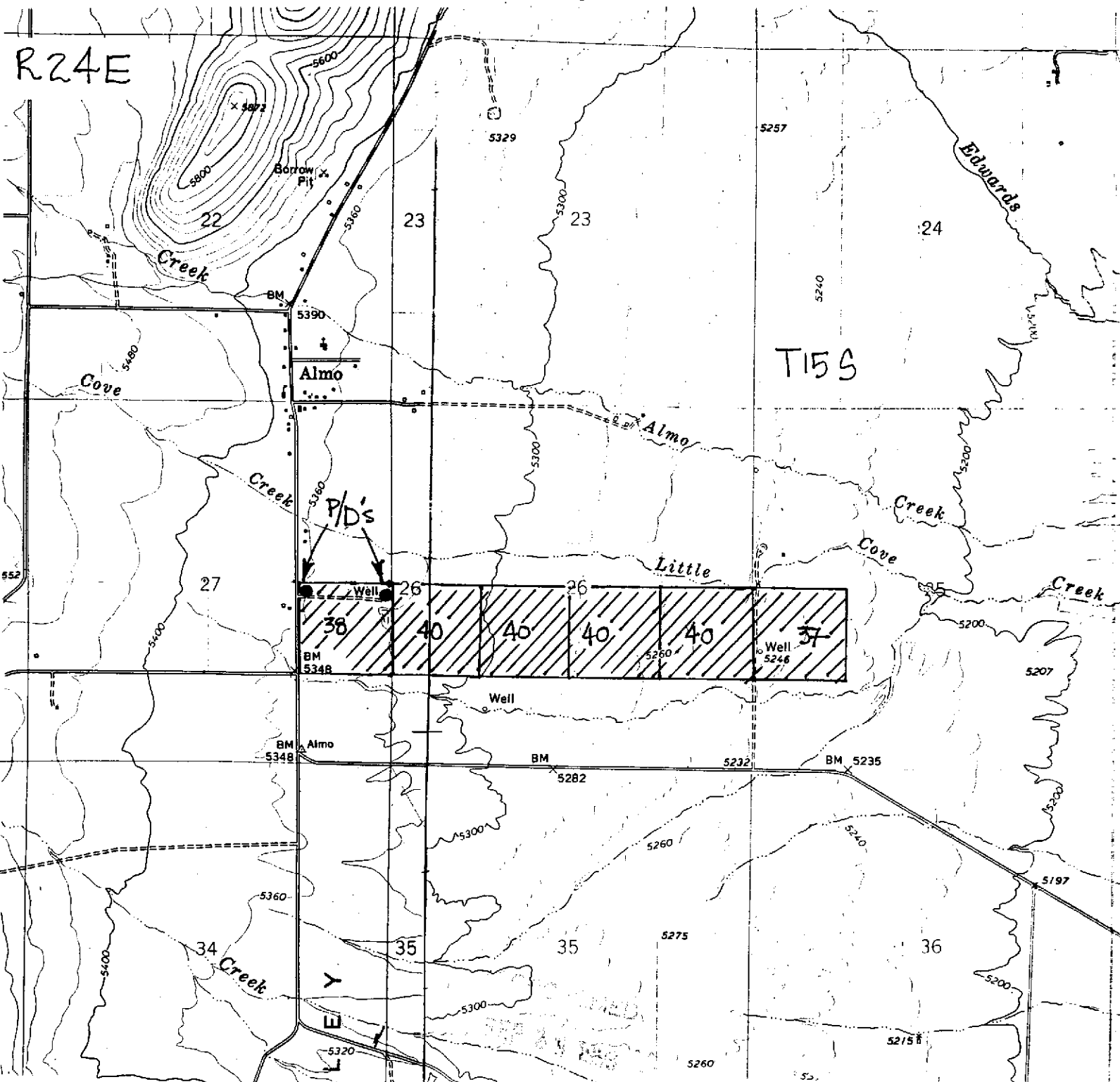
CONDITIONS/REMARKS:

1. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.
2. 2 P/D IN NESE, S27, T15S, R24E.

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SEP 29 1980

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3**

A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.



PART 3

B. CHANGES IN NATURE OF USE

1	New Nature of Use	Amount (cfs/ac-ft)	Hours/days/year	Period of Use
				to
				to

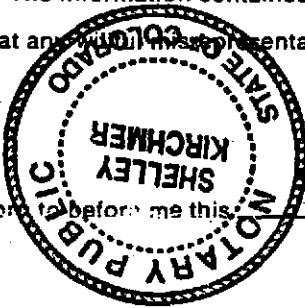
2. Quantity and quality of return flows and location of discharge:

3. Describe effects on other water uses resulting from the proposed change:

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any false representations made in this application may result in voiding its approval.

Subscribed and sworn to before me this



Robert E. Taylor
(Signature of Applicant)

5th day of February 19 97

Shelley Kirchner
(Notary Public)

My commission expires

9-5-99

FOR DEPARTMENT USE ONLY

Transfer contains 7 pages and 0 attachmentsReceived by GLS Date 2/20/97

Protest filed by _____

Prelim. check by GLS Fee 50.00 (5019866)Receipted by GS Date 2/20/97Published in So. CO Press

Copies of protest forwarded by _____

Pub. dates 4/21 & 4/28/97

Hearing held by _____ Date _____

Watermaster recommendation requested on N/ARecommended for ☐ approval ☐ denial

_____ rec'd. _____

by _____

Copy of transfer sent to lien holder _____

RECEIVED
SEP 28 1999

PART 3

B. CHANGES IN NATURE OF USE

1	New Nature of Use	Amount (cfs/ac-ft)	Hours/days/year	Period of Use
				to
				to

2. Quantity and quality of return flows and location of discharge:

3. Describe effects on other water uses resulting from the proposed change:

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.

Subscribed and sworn to before me this 14th day of February, 19 97.

My commission expires 4-9-99.

FOR DEPARTMENT USE ONLY

Transfer contains 7 pages and 0 attachments

Received by	Date	Protest filed by
Prelim. check by <u>RE-ADVERTISE</u>	Fee <u>\$50.00</u>	
Receipted by <u>GLS (5019866)</u>	Date <u>20 FEB 97</u>	
Published in <u>Sa. ID. Press</u>	Copies of protest forwarded by	
Pub. dates <u>4/21 + 4/28/97</u>	Hearing held by	Date
Watermaster recommendation requested on <u>N/A</u>	Recommended for ☐ approval ☐ denial	
rec'd.	by	
Copy of transfer sent to lien holder		

MAILED
SEP 24 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

November 25, 1997

RE: In the Matter of Application for Transfer No. 4953
in the name of Wallace C. Taylor and Robert E.
Taylor

Dear Interested Parties:

I have enclosed a copy of the Prehearing Hearing
Order, issued in connection with the above referenced
water right transfer.

If you have any questions concerning the enclosure,
please contact me at (208)327-7953.

Sincerely,

JULIE L. YARBROUGH, Senior Secretary
Water Allocation Bureau

Enclosure

c: IDWR - Southern Region

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SEP 24 1999

MAILING LIST

T# 4953, (43-04008, 43-07152)

APPLICANTS:

WALLACE C TAYLOR &/OR
 ROBERT E TAYLOR
 PO BOX 144
 ALMO ID 83312

ROBERT E TAYLOR
 2714 WAKONDA DR
 FORT COLLINS CO 80521

Post-it* Fax Note	7671	Date	# of pages 1
To	Glen Saylor	From	Allen Merritt
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

Taylor Mailing List

ATTORNEY FOR APPLICANTS:

RAY W RIGBY ESQ
 PO BOX 250
 REXBURG ID 834440

PROTESTANTS:

CURTIS L DURFEE &/OR
 MARY LOU DURFEE
 PO BOX 185
 ALMO ID 83312

824-5574

ATTORNEY FOR THE DURFEES:

WILLIAM A PARSONS ESQ
 PARSONS SMITH STONE & FLETCHER LLP
 PO BOX 910
 BURLEY ID 83318

678-8386

EDNA M CAHOON
 PO BOX 157
 ALMO ID 83312

P Moved to M21+2

NED R JACKSON PARK MGR
 CITY OF ROCKS NAT RESERVE
 PO BOX 169
 ALMO ID 83312

824-5519

Peter J. Ampe
 Deputy Attorney General
 P.O. Box 83720
 Boise ID 83720-0010

334-4125

MICROFILMED

SEP 29 1998

FROM: Allen Merritt

DATE: October 21, 1997

TO: Glen Saxton

Transfer #4953 File in the name of Taylor
Water Rights: 43-04008 & 43-07152

RECEIVED

OCT 24 1997

SUBJECT: Pre-hearing Conference and Request for Opinion Department of Water Resources

On October 20th I conducted a pre-hearing conference into the matter of protest of Transfer #4953 in the name of Wallace & Robert Taylor. The transfer proposes to reconfigure the PU of the above rights (Essentially 37 acres is being dried up in Sec 27 and moved to Sec 25; the other irrigated acres remain the same.)

The transfer was protested by Curtis Durfee, The City of Rocks Nature Reserve (Idaho Dept of Parks & Recreation) and Edna M. Cahoon. The conference was attended by Robert & Carole and Wallace Taylor ~~and they were~~ represented by Ray W. Rigby. Curtis & Mary Lou Durfee were present ~~and they were~~ represented by William Parsons. The Idaho Dept of Parks & Recreation was represented by Peter J. Ampe, Deputy Attorney General. Edna Cahoon was not present.

At the conference it was related that Mrs. Cahoon has sold out to the Idaho Dept of Parks & Recreation and has moved to Malta.

HISTORY

The dispute in this matter has been going on for sometime and involves groundwater interference between wells in the localized area just south of Almo. Taylors have three irrigation wells; one drilled in 1955, one in 1980 and one in 1992. Durfee has one irrigation well drilled around 1977. Taylor's 1955 and 1980 wells are currently authorized for use for the rights being transferred. The 1992 well is only authorized under permit 43-07310 (See my letter 5/23/1995 describing rights; note permit proof was withdrawn and now proof due 12/97) Due to the interference problem the parties hired Charles Brockway to conduct a study (See his report dated 4/13/95).

(Please find attached earlier letters, etc which frame issues)

PROTEST ISSUES

The issues identified at the conference involve two:

-Partial Forfeiture of the water right. The protestants indicate that the lands to be dried up have not been irrigated for sometime and any right associated with these lands has been lost. The applicant asserts that the lands have been watered. They assert that the infrequency of irrigation is due to drought and continued interference problems. (I told them that my review of the

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SEP 29 1999

file indicated that presently the Department does not have clear and convincing evidence that forfeiture has occurred.)

-Amount of flow rate for 43-04008. The protestants indicate that the claimed amount of 2.20 cfs for 43-04008 which is associated with the 1955 well is not correct. They indicate that the rate is much less. The applicant indicates that the rate reflects what the well originally pumped and if the well does not now pump that amount it is due to drought or interference and they should be allowed to develop that rate. (Note that the well to my knowledge has never been measured by the department.)

REQUEST FOR OPINION

After discussing the issues the parties agreed that these matters would probably be issues that would be addressed in the SRBA. They realized that the interference problem may need more study. The parties seemed to want to formulate an agreement that would allow for a temporary transfer but would be conditioned that the protestants reserved their protests so that it could be brought up and litigated in the SRBA (They did not want to litigate these matters twice). I told them that although the Department does place conditions on transfers that allow for further determinations in the SRBA that the Department normally tries to make a final determination in the administrative process as best we can since the Department is mindful of the rule of res judicata which may prevent the Department from significantly making an SRBA recommendation different than an administrative process determination. I told them that I was not comfortable with the temporary transfer idea since the department would have to look at all issues in even approving a temporary transfer. I told them that irrespective of the protests the department would look at the forfeiture issue and rate issue. The parties were comfortable with a temporary transfer and requested that I ask the question to our legal/administrative staff if the department would consider such a thing. They requested that the conference be continued until this question was answered. I told them I would discuss this matter with the state office and write them a letter. It was my understanding that based on the outcome the applicant would then decide if they wanted to proceed to hearing or want to hold off and study the well interference issue more.

RECOMMENDATION

I recommend that the administration &/or legal staff look at this issue. My opinion is that the Department not issue a temporary transfer. I recommend that Taylor and Durfee be ordered to install measuring devices and report use during the upcoming irrigation season. The purpose of the order would be to gather information to support a rate recommendation for 43-04008 for both the transfer review &/or SRBA recommendation as well as gather data for review purposes of the interference problem. Please find a draft order

MICROFILMED

SEP 29 1993

for consideration (This may need to be reviewed by the groundwater section to be sure that the data gathered would be useful in studying the interference problem.).

Please advise, if this is the tact to take.

MICROFILMED
SEP 29 1968

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

D R A F T

IN THE MATTER OF THE MEASUREMENT)	PRELIMINARY ORDER
OF TAYLOR AND DURFEE IRRIGATION)	REQUIRING INSTALLATION
WELLS NEAR ALMO IDAHO)	OF MEASURING DEVICES AND
_____)	REPORTING OF USE

FINDINGS OF FACT

Conflicts among ground water users in the area south of Almo identify the area as needing information gathering and water measurement.

To properly manage the state's water resources, the Department must know more facts about the availability of water, and how much water is being diverted by water users.

The 1994 legislature enacted Senate Bills 1561 and 1562, which increased the Director's authority to require measurement of water diversions.

Robert and Wallace Taylor own and operate three irrigation wells. Two wells are located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 27 and one well within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 26, all in Twp.15S, Rge.24E, B.M.

Curtis Durfee owns and operates an irrigation well located within the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 26, Twp.15S, Rge.24E, B.M.

CONCLUSIONS OF LAW

Idaho Code S 42-701 states in part:

... Each such appropriator shall construct and maintain, when required by the director of the department of water resources, a rating flume or other measuring device at such point as is most practical in such canal, ditch, wellhead or pipeline for the purpose of assisting the watermaster or department in determining the amount of water that may be diverted into said canal, ditch, wellhead or pipeline from the stream, well or other source of public water. Plans for such headgates, rating flumes or other measuring devices shall be approved by the department of water resources. ...

Idaho Code S 42-701 further states:

... All appropriators of the public waters of the state of Idaho who are given thirty (30) days' written notice by the director prior to the beginning of the irrigation season but no later than March 15 of any year, shall measure their water diversions and report said diversions annually thereafter on a form approved by the director of the department of water resources. Such report shall include: a legal description of the point of diversion, the

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SEP 24 1993

number assigned to each water right diverting from the public waters of the state, the maximum authorized rate of diversion, the maximum rate at which diversions have been made during the reporting period, the total volume diverted during the reporting period, and a description of the physical changes to the diversion works that have been made during the reporting period. The appropriator shall furnish each year the depth to water during the pumping period, and the pressure in the pipe distribution system during diversion if the well is not free flowing. Failure to comply with such measurement and reporting requirements or the willful submittal of false or inaccurate data is a violation of the law controlling use of water under the right and is subject to the enforcement and penalty provisions of sections 42-311, 42-350 and 42-351, Idaho Code.

ORDER

IT IS HEREBY ORDERED that Robert &/or Wallace Taylor install and maintain adequate measuring devices and pressure gauges on each of their three irrigation wells described above and report the following information at the end of the 1998 irrigation season and each subsequent irrigation season unless the reporting requirement is waived by the director.

IT IS HEREBY ORDERED that Curtis Durfee install and maintain an adequate measuring device(s) and pressure gauge(s) on his irrigation well described above and report the following information at the end of the 1998 irrigation season and each subsequent irrigation season unless the reporting requirement is waived by the director.

IT IS HEREBY ORDERED that Robert &/or Wallace Taylor and Curtis Durfee report, for their respective wells, the following information unless specifically waived by the director:

- Date, time, pressure, rate of flow, totalized volume and other information to describe the condition of the wellhead and use of the water each time the wellhead pump is turned on. (The pressure and flow rate should be measured once these rates have stabilized)

- Date, time, pressure, rate of flow and other information to describe the condition of the wellhead and use of the water each time the wellhead pump is turned off. (The pressure and flow rate should be noted prior to shutoff.)

- On the first day and the fifteenth day of each month from April until November the static water level (pump off) in each well shall be measured and reported.

OR

IT IS HEREBY ORDERED that the Taylors and/or Durfee submit to

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SEP 29 1999

the department by January 15th, 1998, a study plan for the 1998 irrigation season, to quantify (measure) the diversion capacities of all subject wells and describe in sufficient detail the inter-relationships of these wells and report same. If the director finds the study plan adequate he may waive the above described measuring device and reporting requirements.

DATED this ____ day of October, 1997.

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SEP 29 1993



Stat. of Idaho
DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301-6105 (208) 736-3033
Fax (208) 736-3037

PHILIP E. BATT
Governor

KARL J. DREHER
Director

May 23, 1995

Robert E. Taylor
2714 Wakonda Drive
Fort Collins CO 80521

RE: Water Rights on Taylor Farm near Almo

Dear Mr. Taylor:

In response to your May 13, 1995 letter regarding your interpretation of the water right for the Taylor farm, I have the following comments:

Your understanding of the location and priority associated with the three wells appears to correspond with my understanding of the water right records.

Your understanding of the location of the place of use and the ability to co-mingle water from the three wells and use it on the lands described in your letter does not correspond to my understanding of the water rights records. I believe your understanding of the record may be based on the assumption that transfer #3877 was finalized. As you may recall transfer #3877 proposed to modify rights 43-04008 and 43-07152 by moving irrigated land from the NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 27 and place it in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 25 and also tie all three irrigation wells together to serve 233 acres in Sections 27, 26 & 25. As you may recall this transfer #3877 was withdrawn by you and never finalized.

It is my understanding of the record that the rights are as follows:

43-04008 is a claim to a water right that has never been confirmed. Transfer #2358 has been approved for this right and pursuant to the transfer the right can be diverted out of the 1955 well and the 1980 well for irrigation of 160 acres in Section 26. Since the right has never been confirmed all elements of the right are subject to review in the Snake River Basin Adjudication (SRBA).

43-07152 is a licensed right with a priority of 5/13/1980 for irrigation of 75 acres in Section 27. This right may

RECORDED

SEP 29 1999

be diverted out of either the 1980 well or the 1955 well. This right is limited to 1.50 cfs for irrigation of the 75 acres in Section 27. A recent field review of these lands finds that only a portion of the licensed 75 acres are presently being irrigated (21.3 acres).

43-07310 is an approved permit for development of irrigation of 80 acres in Section 25. These lands were to be developed from the new well drilled in 1992 which you refer to as the 1991 well. The permit has had the proof of beneficial use filed so further development under this permit is not authorized. Our review of the land intended to be watered from this well finds that these lands are not irrigated from the well and only lands covered under right 43-04008 are presently watered from the well.

You are probably aware of my May 12, 1995 letter regarding the possible improper use of the 1992 well. I have enclosed a copy for your reference if you do not have a copy. I am also enclosing copies of transfers #2358 and #3877 referenced above. As my May 12th letter indicates the use of the 1992 well should cease until a valid water right is identified which allows use of the well.

If you have questions please feel free to contact this office.

Sincerely,



Allen Merritt, PE
Southern Region Manager

CC: Norm Young - IDWR
Curtis Durfee

RECORDED

SEP 23 1995

May 13, 1995

RECEIVED

MAY 17 1995

DEPARTMENT OF WATER RESOURCES
222 Shoshone Street East
Twin Falls, ID 83301

Department of Water Resources
Southern Region

Dear Sirs:

Recently while at Almo, Idaho, I reviewed my Dad's files to consolidate information on our irrigation wells. Dad (Wallace Taylor) has visited with several of you over the years - most of his conversations have been with Allen Merritt, Mel Schulte and Doug Jones.

The following information is what I have gleaned from his files and may also include some information that has been verbally discussed and agreed upon between Dad and some of your people. Please verify if the content of this letter is consistent with your records.

<u>Well (year)</u>	<u>Right No.</u>	<u>CFS</u>	<u>Point of Diversion</u>
1955*	43-4008	2.20	Sect. 27 NE NE SE
1980	43-7152	1.50	Sect. 27 NW NE SE
1991	43-07310	1.60	Sect. 26 NE NW SW

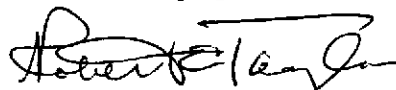
* Drilling permit (No. 43-94-5-0024-000) to replace 1955 well (43-4008). New well to be drilled in same 40 acres (NE SE) of Section 27 and it will have a 1955 priority right.

Water from the above three wells is co-mingled to irrigate the following acres:

Sect. 27 (NE SE) - Approx 38 acres
Sect. 26 (NW SW; NE SW; NE SE) - approx. 160 acres
Sect. 25 (SW SW; NW SW; NE SW) - Approx. 115 acres

Thank you for your review of this information.

Sincerely yours,



Robert E. Taylor
2714 Wakonda Drive
Fort Collins, CO 80521

RET/ct
cc: Wallace Taylor

MAILED

SEP 29 1995



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECILIA ANDRUS
Governor PHILIP E BATT

KATHLEEN HOGAN
KARL J DREHER Director

May 12, 1995

Wallace &/or Robert Taylor
PO Box 144
Almo ID 83312

RE: Cessation of Pumping of 1992 Irrigation Well

Gentlemen:

Our office has reviewed the use of the three irrigation wells located on your ranch south of Almo due in part for licensing review of permit 43-07310 and also in light of the continued complaints of well interference with the Durfee well. Based on Jim Stanton's field examination on April 18, 1995 and our review of the water rights of record the department has preliminarily concluded that the present use of the well drilled in 1992 within the NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 26, T15S, R24E, B.M. does not conform to any recorded water right.

Our review of the water rights record reveals that the 1992 well was drilled for the purpose of supplying water pursuant to permit 43-07310 for irrigation of 80 acres in Section 25, T15S, R24E and was also intended to supply water to rights 43-04008 & 43-07152 under proposed transfer #3877. As you know transfer #3877 was withdrawn by you so authorization for use of this well with these rights was not finalized. Since Jim Stanton found that no lands are being irrigated in Section 25 from the well, and only lands associated with rights 43-04008 & 43-07152 are presently irrigated from the well, it appears the use of the well is improper and not authorized by existing water rights.

The department requests that you identify the water right which allows you to continue pumping the well by May 18th; otherwise, you are requested to cease pumping the well. Please note that if no valid right exists for pumping the well, failure to cease pumping the well could cause the department to issue a notice of violation or a cease and desist order.

Assuming no right exists, if you desire to operate the 1992 well in the future you may consider either re-filing a transfer similar to #3877 or filing an amendment of permit 43-07310 allowing the permit to augment the rate of flow to lands covered by 43-04008 and 43-07152. Amendment of permit 43-07310 will be considered a licensing amendment. If the permit is not amended it will be our offices recommendation that it be canceled since no lands were found irrigated by Jim Stanton as originally permitted. Please note that if you file such applications

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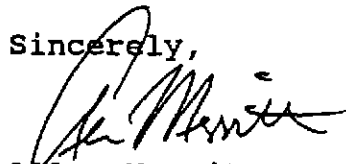
SEP 29 1999

for either a transfer or an amendment, these applications will be advertised and will be subject to public protest.

Our office has recently received a copy of the recent "Brockway/Kahlown Report" regarding the interference problems between your 1955, 1980 and 1992 wells and the Durfee 1977 well. As you may know the report concludes that your 1992 well and the Durfee 1977 well are highly sensitive to each other and interfere with each other. If interference problems persists, one course of action for the party claiming injury would be to file a petition to the director pursuant to the department's "Conjunctive Management Rules" (IDAPA 37.03.11; copy of rules enclosed). Once filed, the director would initiate a contested case for the matter with possible outcomes as outlined in the rules. Another course of action would be for you and Mr. Durfee to reach a private mutual agreement to resolve the matter.

In summary, your cooperation in reviewing the water rights for your ranch is requested. If it is determined that no right exists for use of the 1992 well you are requested to cooperate in ceasing use of the well. If you have questions about this or related matters please feel free to contact our office.

Sincerely,



Allen Merritt, PE
Southern Region Manager

CC: Norm Young - IDWR State Office
Curtis Durfee
Bill Parsons

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SEP 29 1993

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MEMORANDUM

MAY 15 1995

TO: GLEN
FROM: NORM *WJY*
SUBJECT: DURFEE-TAYLOR WELL INTERFERENCE PROBLEM
DATE: May 10, 1995

=====

Department of Water Resources
Southern Region

After reviewing Allen's May 8, 1995, memo on this matter, I called Allen. We agreed that Allen would follow up on his recommendation by sending Taylor a letter indicating that IDWR does not have any recorded rights allowing the well in Section 26 to be pumped. Taylor will be asked to immediately stop using the well and not pump it again until an existing right is changed to add the well as a point of diversion or a new permit is issued covering the well. Either way, notice would be given allowing Durfee to have his concerns considered.

This approach is not based upon any determination at this time by IDWR that pumping the well in Section 26 injures Mr. Durfee's right, it is simply addressing an apparently unauthorized use of water. If Taylor does not comply with the letter request and continues to use the well, a cease and desist or notice of violation should be sent.

Allen will send a copy of the letter to Durfee or his attorney.

c. Allen Merritt

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SEP 29 1995

FROM: Allen Merritt

DATE: May 8, 1995

TO: Norm Young

SUBJECT: Durfee - Taylor Well interference problem

Over the last several years our office has received inquiries about the water rights and complaints about well interference between the Curtis Durfee farm and the adjoining Wallace Taylor farm in the Almo Idaho area. Specifically Mr. Durfee claimed that the 1992 Taylor well caused interference with his 1977 irrigation well. Initially it was felt that it was a drought related problem but more recent studies by Dr. Brockway reveal that there is a definite well interference situation due to the aquifer characteristics which the Durfee 1977 well and the Taylor 1992 rely. (See attached copy of Brockway/Kahlown 4/13/1995 Report)

-Review of the water rights associated with both farms finds the following:

DURFEE

Durfee's farm is supplied water from a single irrigation well licensed under 43-07109 for irrigation of 113 acres at a rate of 1.48 cfs with a 10/17/1977 priority.

TAYLOR

Taylor's farm is supplied water from three irrigation wells. Initially a well was drilled in 1955 which supplied water to the farm and claimed under 43-04008. The right is claimed as 2.20 cfs or 110". In 1979 transfer #2358 was applied for to add an additional well to the system to recover the claimed capacity of right 43-04008. The application proposed to drill the new well in either NESE Sec. 27 or NWSW Sec. 26. The transfer was approved 4/10/1980 but limited the lands irrigated to 160 acres in Section 26. The second well was completed 4/12/1980 in the NWNESE Sec. 27; no well was drilled in Section 26. On 5/13/1980 application 43-07152 was filed and later approved for using the new 1980 well and the old 1955 well for irrigation of another 78 acres in Sec. 27. This permit was licensed in 1985 for 75 acres at 1.50 cfs from the two existing wells at that time. At the time of licensing 43-07152 the new 1980 well was measured pumping 1.88 cfs; the old 1955 well was off at that time. On 5/28/91 transfer #3877 was filed to change the P/U of license 43-07152 and to add another well to water rights 43-04008 and 43-07152 within Section 26. On the same date application 43-07310 was filed for irrigation of 80 more acres in Sec. 25 from the newly proposed well in transfer #3877 and the 1980 well. Permit 43-07310 was approved 12/19/1991 but transfer #3877, after initial advertising was held; from the file I could not determine why it was held without action. On 7/12/92 the last well was completed in Sec. 26. On 11/23/93 the transfer #3877 was

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amended then held for submittal of the amendment fee which was paid 6/20/94. On 8/15/94 Taylor requested delay of advertising and then on 10/11/1994 Taylor canceled or withdrew transfer application #3877. On 10/17/94 he then filed for a drilling permit 43-94-S-0024-000 to replace the 1955 well. This drilling permit was extended 4/21/95 and expires 10/17/95.

As a result of Durfee complaint on 4/17/95 Jim Stanton conducted a site inspection of the Taylor property on 4/18/1995 to document existing uses and to see if licensing exam for 43-07310 could be completed. (See copy of Jim's memo dated 4/18/95)

ANALYSIS

The Taylor 1955 well has never been measured. Using information gathered by Stanton (60 hp) and from the Brockway report (static 180') and using the drawdown from pump test on log of 1980 well (160'-55') for 2.8 cfs or 0.02667 cfs/ft of drawdown, it is calculated that:

$$Q = 180 + 60 \frac{8.8 (60) 0.7}{1.54} = 1.54 \text{ cfs or } 77''$$
; note that in transfer #2358 a statement is made the well only produces 65". Additionally, Mr. Durfee claims the well never pumped more than 65 inches to his knowledge.

The Taylor 1980 well was measured at 1.88 cfs in 1982 delivering to sprinklers. Using information gathered by Stanton (100 hp) and from Brockway report (static 210') and drawdown from well log (105') it is calculated that:

$$Q = 210 + 82 \frac{8.8 (100) 0.7}{2.11} = 2.11 \text{ cfs open dis.}$$

$$Q = 210 + 60 + 115 \frac{8.8 (100) 0.7}{1.60} = 1.60 \text{ cfs to sprinkler @50 psi}$$

The Taylor 1992 well is only authorized for use in Sec. 25 under permit 43-07310. Well has never been measured but Brockway reports well discharge is 2.4 cfs. Stanton found no land in Section 25 irrigated from system. He further finds only 171 acres presently irrigated under entire farm system.

The Durfee 1977 well was measured in 1983 at three different pressures; at 40 psi it delivered 1.48 cfs and was licensed at this rate since that was how it was normally operated; it was measured at 20 psi at 1.64 cfs. Brockway measured the well during the pump test on January 26, 1995 at 1.64 cfs.

RECOMMENDATION

I RECOMMEND THAT TAYLOR BE SENT A CEASE AND DESIST ORDER TO STOP USING THE WELL IN SECTION 26 THAT INTERFERES WITH THE DURFEE WELL UNTIL EITHER A TRANSFER IS FINALIZED ALLOWING USE OF THE WELL OR A LICENSING AMENDMENT IS APPROVED (IF FILED IT SHOULD BE ADVERTISED) WHICH WOULD ALLOW CAPACITY OF WELL TO BE USED TO BRING 171 ACRES UP TO 1"/ACRE WHEN COMBINED WITH OTHER RIGHTS.

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SEP 29 1999

3.04 I RECOMMEND THAT THE HISTORICAL RIGHT FOR 43-04008 BE
RECOGNIZED AS 77" AND RECOMMENDED IN THE SRBA AS SUCH
UNLESS FURTHER INFORMATION IS GATHERED WHICH SUPPORTS A
LARGER DIVERSION RATE. I RECOMMEND THAT 43-07152 BE
LIMITED TO ~~1.58~~^{1.58} CFS SO THE TOTAL OF THESE TWO RIGHTS BE
LIMITED TO ~~3.42~~ CFS. THIS DIVERSION BE LIMITED TO THE
1955 WELL OR IT'S REPLACEMENT AND THE 1980 WELL. (THE 64
ACRES NOT PRESENTLY IRRIGATED UNDER 43-07152 SHOULD BE
INVESTIGATED FOR FORFEITURE; NOTE THAT CAPACITY OF 1980
WELL MAY HAVE BEEN HISTORICALLY SHIFTED TO THE 171 ACRES
PRESENTLY IRRIGATED. IF THE 64 ACRES IS LOST AND THE
CAPACITY GOES WITH THE 171 ACRES THEN THESE ACRES ARE
PRESENTLY ~~AT~~¹"/ACRE AND LICENSE 43-07310 ~~SHOULD NOT~~ BE
RECOMMENDED ~~AND SHOULD BE VOIDED.~~ ^{could}
_{for only 0.38 after licensing amendment.}

I RECOMMEND THAT DURFEE'S DIVERSION BE LIMITED TO 1.48
CFS.

I RECOMMEND THAT BOTH DURFEE AND TAYLOR BE ORDERED TO
INSTALL PERMANENT MEASURING DEVICES ON ALL WELLS AND
RECORD THE MONTHLY DIVERSION VOLUME AND RECORD THE WEEKLY
DIVERSION RATE AFTER CONTINUOUS DIVERSION FOR 8 HOURS OR
MORE. THESE RECORDS SHALL BE PROVIDED TO IDWR ANNUALLY.

5/10/95

I talked with Norm & we decided I would send Taylor
a letter regarding discontinuation of using well in section 26

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SEP 29 1995

MAY 01 1995

Department of Water Resources
Southern Region

Well Interference Study
William Durfee and Wallace Taylor Wells
Almo, Idaho
C.E. Brockway P.E. PhD
M.A. Kahlown PhD
April 13, 1995

Background: There are four irrigation and two stock wells in Township 15S, Range 24 E, Sections 26 and 27 which belong to Mr. Wallace Taylor and Mr. Curtis Durfee. The discharge of these wells varies from 1.5 to 2.5 cfs. Mr. Taylor's earliest well, labeled T55 on Figure 1, was drilled in 1955 and is located in the NE SE of Section 27. The Taylor 1980 well(T80) is located in NE SE sec 27 near the Almo road and the Taylor 1991 well(T91) is located in NW SE Sec 26 approximately 3/8 mile east of the Almo road. Mr. Durfee's irrigation well(D77) was drilled in 1977 and is located in the SE SW Sec 26 approximately 1900 feet south of the Taylor 1991 well. It has been reported that when the Taylor 1991 well is pumped with a discharge of approximately 2.2 cfs that the Durfee well experiences significant drawdown which prevents diversion of the licensed discharge. Mr. Durfee contacted Mr. Parsons, Attorney for advise on a course of action to remedy the problem. Mr. Parsons suggested that a study be conducted to verify the hydrologic relationships between the wells to be conducted by an engineer or hydrologist mutually agreeable to each party. Dr. C.E. Brockway was contacted to render an opinion regarding the hydraulic connection between the wells.

Dr. Brockway undertook a field visit on May 10, 1994, and made an initial set of water level measurements in the presence of Mr. Taylor and Mr. Durfee. Since changes in measured static water levels can be attributed to regional changes in aquifer water levels caused by drought or above average recharge conditions and by the influence of the adjacent pumping wells, a pumping test was suggested to obtain a reliable set of static water and pumping water level measurements. Because of the demand for irrigation water in summer of 1994 and inconvenience of shutting off the irrigation wells, the date for the pump out test was agreed upon in fall of 1994. This report presents the findings of this pump out test and results of ground water model simulations, conducted to evaluate the interference effect for longer pumping periods with varying discharge rates.

Methodology: Data on well logs and geology of the area was obtained from the regional office of Idaho Department of Water Resources. Well driller's logs were obtained for all wells including a hand written log for the Durfee 1977 well. A pump out test was designed based on the hydro-geologic information of the well field. Since a strong hydraulic connection was suspected, either the Durfee 1977 or the Taylor 1991 well could be pumped and water level responses measured in

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SEP 29 1999

the other wells. The Durfee 1977 well was run for 25 hours and static water level (water level before pumping) and pumping water level measurements were conducted. The water pumped from the Durfee well during the pump out test was diverted to the east through the existing sprinkler main line to a nearby open channel. A 45 degree V-notch flume was installed in the open channel and remained there for the duration of the pumping test. Electronic well sounders were used to measure the static and pumping water levels in all the six wells. The pump test was started on January 26, 1995 at 12:15 o'clock in the morning and completed at 1:00 p.m. in the afternoon of the next day. Mr. Durfee and Mr. Taylor were present during the entire pump test and the associated measurements.

In order to determine long term interference effects and to evaluate the effect of varying discharge rates on water levels in the Durfee 1977 and Taylor 1991 wells, a two dimensional ground water flow model was constructed. The aquifer system of section 26 was divided in to a grid of 40 rows and 40 columns and the Durfee 1977 and Taylor 1991 wells were superimposed on it, at their actual locations. Based on the geology as indicated by the well logs and earlier pump out tests conducted on several wells, good estimates of aquifer parameters such as storage coefficient and transmissivity were made. A storage coefficient of 0.000001 and transmissivity of 5300 ft²/day was used in the model simulations. These aquifer parameters are representative of a confined, permeable aquifer.

The ground water model was calibrated with data obtained from the pump out test of January 26, 1995 and model aquifer parameters were adjusted to match the drawdown obtained on the Durfee 1977 and Taylor 1991 irrigation wells during the pump out test. The calibrated model was then used to evaluate the effect of long time pumping and various discharge rates on drawdown at both the Taylor 1991 and Durfee 1977 wells. For these model simulations, the Taylor 1991 well was run with a discharge of 2.20 cfs. Model runs were made for 0.5, 1, 5, 10, 20, 40, 60, 90, and 120 days of continuous pumping. Since the Durfee 1977 and Taylor 1991 wells pump different amounts of water, their interference effect would be different, depending on which well is pumping. The measured discharge of the Durfee 1977 well is 1.64 cfs and reported discharge of the Taylor 1991 well is about 2.40 cfs. To quantify the magnitude of interference due to varying discharge rates, the ground water model was run with 0.5, 1.0, 1.5, 2.0, 2.5, 3, 3.5, and 4 cfs for a pumping time of one day.

Results: The water level measurements obtained during the pump out test show that a water level drop of 19 feet occurred in the Taylor 1991 well when the Durfee Irrigation well was pumped at a discharge of 1.64 cfs for 25 hours of pumping. The distance between the Durfee 1977 and Taylor 1991 irrigation wells is about 1320 feet. The water level drop in the Taylor 1955 and 1980 wells was 0.75 and 0.20 feet respectively. Water level drop in the Durfee old and new stock wells was zero and 5.70 feet respectively. The details of these

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measurements are summarized in Table 1. The static water levels in the Durfee 1977 and Taylor 1991 wells were 128.83 and 133.16 feet respectively, whereas the static water levels in the Taylor 1955 and 1980 wells were 180 and 210 feet respectively. The static water levels in the Durfee old and new stock wells were 77.60 and 104.79 feet respectively.

Ground water model simulations made to evaluate the impact of long term pumping on water levels show a simulated maximum drawdown of 70.5 feet will occur in the Taylor 1991 pumping well after 24 hours of continuous pumping at 2.2 cfs. The Durfee non pumping well will experience a drawdown due to pumping the Taylor 1991 well for 24 hours at 2.2 cfs of 23.22 feet. After 24 hours of pumping, the simulated drawdown in the Taylor 1991 well is approximately 82% of the maximum drawdown after 120 days of pumping. Similarly, the Durfee 1977 well drawdown after 12 hours is 60% of the drawdown after 120 days of pumping. However, the drawdown becomes fairly stable after 40 days of pumping (Figure 2).

The result of the pump test show a direct relationship between the drawdown in the Taylor 1991 well and the Durfee 1977 well. Discharge simulations show a direct relationship between the pumped discharge and the drawdown (Figure 3). The drawdown changes are more sensitive to flow rate changes than the pumping time. Flow rates of 0.5 and 2.5 cfs resulted in draw downs of 16.47 and 82.36 feet in the Taylor 1991 well after one day of pumping. A drawdown of 5.72 and 28.63 feet was simulated in the non pumping Durfee well, with the same flow rates and pumping time.

Conclusions: The results of the pump out test and ground water model simulations show that the aquifer system in the vicinity of the Taylor and Durfee wells is a multilayered system with different hydraulic characteristics at different depths. The Durfee 1977 and Taylor 1991 wells are in the same layer of the aquifer system which has a relatively high hydraulic conductivity. The other wells in the aquifer do not exhibit the same relationships to the Taylor 91 and Durfee 77 wells and are in fact somewhat insensitive to draw downs in the Durfee 77 and Taylor 91 wells. The static water levels and pumping water level measurements show that both Durfee 1977 and Taylor 1991 wells are supported by the same aquifer system. A difference of about 4 feet in static water levels of these wells is mostly due to differences in land surface elevations. The Taylor 1955 and 1980 irrigation wells and the Durfee old and new stock wells are open to different layers of the aquifer system

The magnitude of interference between the Taylor 91 and Durfee 77 wells will depend on discharge rates and pumping time. All wells in the aquifer are subject to regional hydrologic variability caused by drought and variations in regional recharge which will affect water levels.

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SEP 28 1993

Ground water model simulations also show that the drawdown on these wells is more sensitive to pumping rates than the pumping time.

It is unlikely that either of the two interfering wells, Durfee 1977 or Taylor 1991, will be run continuously. In order to evaluate the effect of intermittent pumping of either or both wells, a ground water model could be constructed to simulate the impact of transient pumping patterns on drawdown. Transient or intermittent pumping patterns will produce comparatively smaller draw downs than the continuous pumping.

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Figure 1. Location of Wells

Department of Water Resources
Southern Region

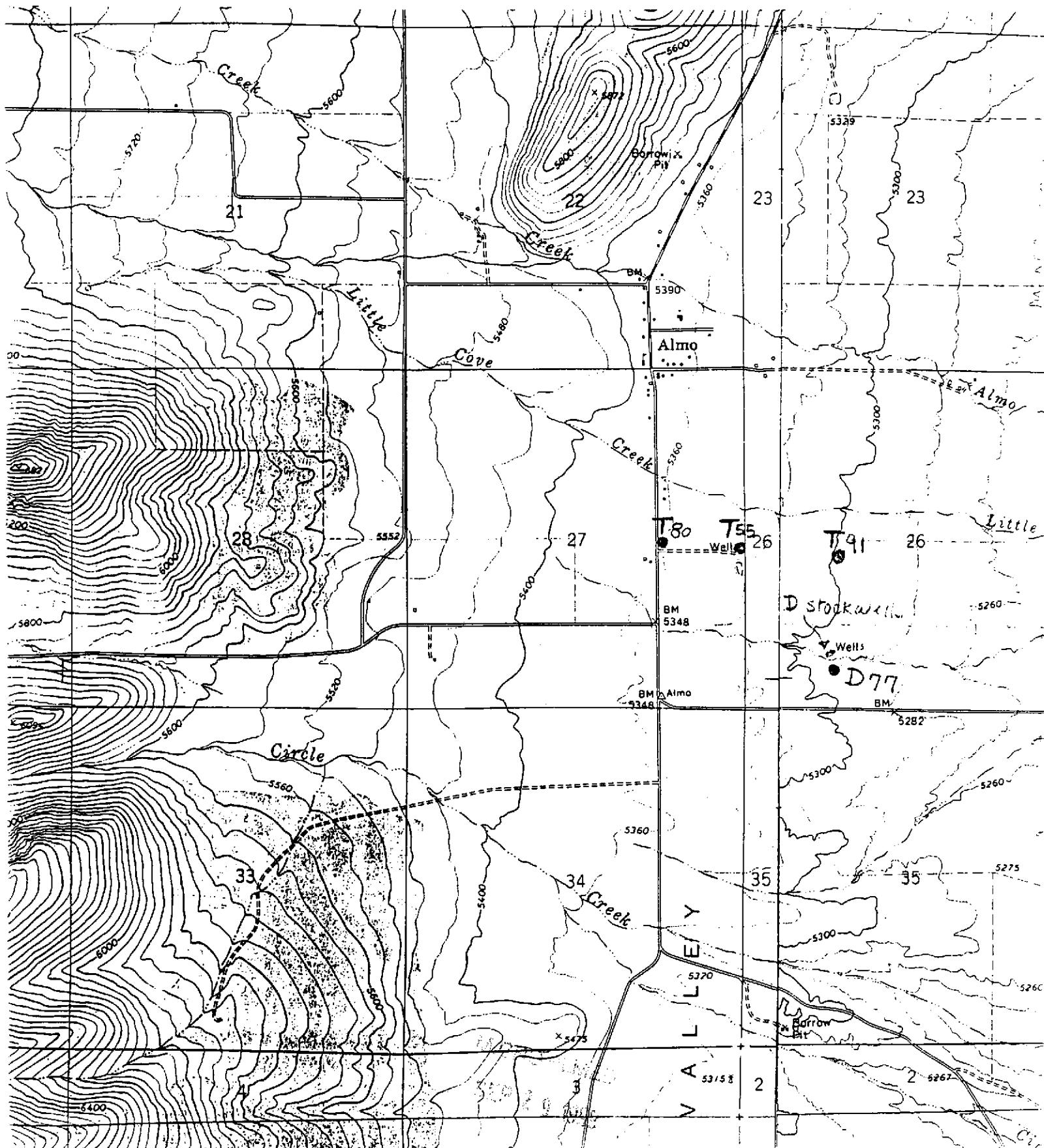


Table 1. Summary of Reported Pump Test Data: Durfee-Taylor Pump Test

Well	Use	Reported or Measured discharge cfs	Static WL ft	Pumping WL** ft	Drawdown** ft
D-1977	Irrigation	1.64	128.83	186.50	57.73
D-Old Stock Well	Stock	NA	77.60	77.60	0.00
D-New Stock Well	Stock	NA	104.79	110.50	5.70
T-1991	Irrigation	2.20	133.16	152.20	19.04
T-1980	Irrigation	1.80	210.00	210.20	0.20
T-1955	Irrigation	0.70	180.00	180.75	0.75

** Drawdown measured after 24 hours with the Durfee well pumping 1.64 cfs

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Department of Water Resources
Southern Region

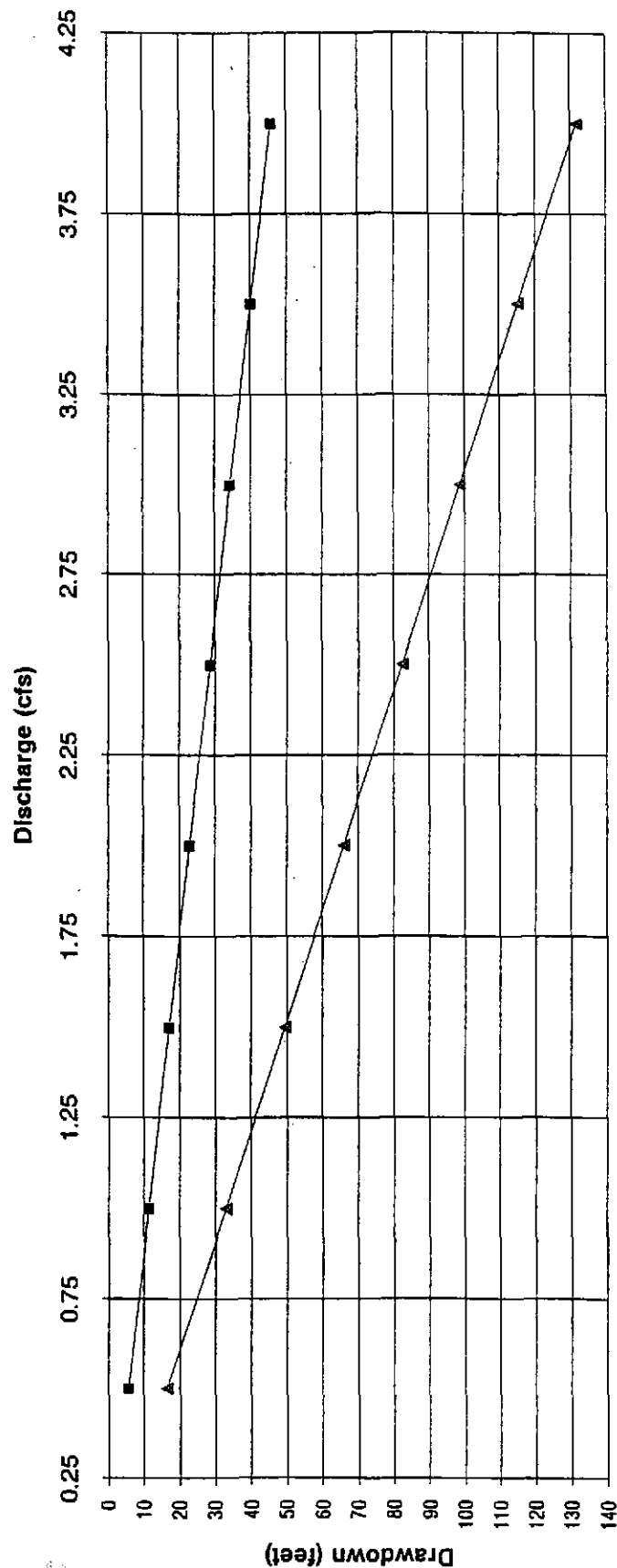
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MAY 01 1995

Department of Water Resources
Southern Region

Figure 3. Relationship Between Discharge and Drawdown after 24 hours (Taylor Well Pumping)



NOV 2 1994
MAY 2 1995

MEMORANDUM

TO: FILE 43-7152

FROM: PAM SKAGGS

RE: TRANSFER # 4953

DATE: 11-7-98

Original Transfer Application, Form and correspondence
regarding the above referenced Transfer is located within
file # 43-4008.

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SEP 29 1999

MEMORANDUM

TO: FILE 43-07152

FROM: PAM SKAGGS

RE: TRANSFER # 3877

DATE: 11-03-94

Original Transfer Application, Form and correspondence
regarding the above referenced Transfer is located within
file # 43-04008.

RECEIVED

DEC 19 1994

November 1, 1985

RE: Permit No. 43-7152

Wallace C. Taylor
Aimo,
Idaho 83312

Dear Mr. Taylor:

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

Sincerely,



JIM JOHNSON
Water Distribution Supervisor

JJ:kw
Enclosure

MICROFILMED

October 7, 1985

RE: Permit No. 43-7152

Wallace C. Taylor
Almo,
Idaho 83312

Dear Permit Holder(s):

A representative of this Department made an examination of the works covered by your Permit No. 43-7152 and has found the following:

Amount of water that can be recognized as beneficially used
under Idaho law: 1.50 cfs Source: groundwater

The maximum quantity diverted shall not exceed 262.5 acre feet
per year.

Point(s) of diversion: (2 pts) NESE, Sec. 27, Twp 15S, Rge 24E

Beneficial Use: Irrigation of 75 acres within N1/2SE1/4, Sec.
27, Twp 15S, Rge 24E

Priority date established: May 13, 1980

Conditions (if any): A measuring device of a type approved by
this Department shall be maintained as a part of the diverting
works. This right when combined with all other rights shall
provide no more than .02 cfs per acre nor more than 3.5 afa per
acre for the lands above.

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Permit No. 43-7152
Page 2

If you do not concur with these findings, please contact us within 10 days; otherwise a water license will be issued as set forth above.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

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State of Idaho
DEPARTMENT OF WATER RESOURCES
FIELD REPORT

43-7152

Permit No.

CONTACT WITH PERMIT HOLDER

DATE INITIALS REMARKS

- ☐ Appointment letter mailed: _____
- ☐ Telephone call made: _____
(List Telephone No. used) _____
- ☐ Appointment scheduled for: 9/14/82 ADM _____
(Date, time, location) _____

EXAMINATION

Wallace Taylor

Date 9/14/82 Accompanied by Mr. Taylor's Farmhand Total Q measured 1.88 cfs ✓

If source is surface water, estimate total flow of source _____

Methods of measurement Annubar Meets Permit requirements? Yes

Measurement calculations:

Meas. $\sqrt{12.0'' \text{H}_2\text{O} \times (7.981)^2 \times 3.85 \times .995} = 1.88 \text{ cfs} \checkmark$
446.8 gpm/cfs

Allow $75 \text{ acres} \times 0.02 \text{ cfs/acre} = 1.50 \text{ cfs} \checkmark$

$75 \text{ acres} \times 3.5 \text{ A.F./Acre/Ann} = 262.5 \text{ A.F./Ann} \checkmark$ $V = 1.5 \times 1.9835 \times 245 = 728.9 \text{ AF}$

WELL/DIVERSION* NO.	HP	MOTOR MAKE	MOTOR SERIAL NO.	PUMP MAKE	PUMP SERIAL NO.	MEASURING DEVICE TYPE	CONDITION OF MEAS. DEV.	REMARKS
New Well	125	U.S. Elec		Wel-Line	T80357	Annubar	7.981	Meter 091475
Old Well	60	U.S. Motor	4056113	Verti-Line	D16806	Not Meas.	Elect. turned off this year	
Booster Pump	40	Century	4M	Berkley	B.M. No. 5359	Not Meas.		

System Description

Rated 900 gpm
@ 205 TDH
Rated 960 gpm

*Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

Irrigation requirement = 3.5 ✓ AFA/Acre

USE
Irrigation ✓
Q (cfs) 1.50 cfs ✓ V (afa) 262.5 ✓ FROM 3/15 ✓ TO 11/15 ✓

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Total 1.50 ✓ 262.5 AF ✓

Remarks Water from new well at times co-mingled with water from old well and water from Almo Creek then injected into pipeline via 40 H.P. Booster Pump @ pond. At time of inspection new well only one operating. Meas. 1.88 cfs being delivered from new well to sprinkler system covering lands under this permit and lands covered under claim 43-4008.
System has run approx. 8 1/2 - 1/4 mile headlines.

Land covered under this permit is very marginal pasture land only irrigated occ. 25% - 21/1y.

R 24

E83

D328

3.8

E82

Top 155 Rge 24E

E83

E81

E102

32A

8
6.0

E79

E122

37

38

E114

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Q 36

27, 26

NOT TO SCALE

28 27

33 34

Overlap Review - Permit 43-7152

per micro-fische 10/3/85:

p/d - 43-4008-gw-claim; no overlap

p/u - 43-2232

43-4008-claim, no overlap

43-2232-Lic., Almo Water Co.,
Almo Ck., different source,
p/u overlap - recommend
R30 -

kw

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

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

July 8, 1982

Wallace C. Taylor
Almo,
Idaho 83312

Re: Permit No. 43-7152

Dear Mr. Taylor:

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

Before a license can be issued, a field examination must be made by a representative of this Department. We cannot tell just when this examination will be made, but our examiner will try to contact you at the time he makes the examination so that you may show him the system.

Field examinations must be done while the system is in operation. For this reason we concentrate on irrigation permits during the summer months and do examinations on permits for other uses during the non-irrigating months.

If you have any questions regarding the field examination, please contact our office.

Sincerely,

Gary L. Funderburg
Sr. Water Resource Agent

LOH:GLF:marya

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DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 43-7152

Name(s) of Permit Holder: Wallace C. Taylor

Post Office Address: Almo, Idaho, 83312

Tel. No. 824-5572

Source of Water: Groundwater

Extent of Use:

☐ Domestic	(number of households)
☐ Stockwater	(number and type of stock)
☒ Irrigation <u>78</u>	(acres)
☐ Other	

Measuring Device:	Required?	☐ Yes ☐ No	Installed?	☐ Yes ☐ No
Access Port:	Required?	☐ Yes ☐ No	Installed?	☒ Yes ☐ No

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

9/14/82

Date

Wallace C. Taylor

Signature of Permit Holder

Exam Completed: 9/14/82

PLACE
TEN CENT
STAMP
HERE



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 43-7152

Name(s) of Permit Holder: Wallace C. Taylor

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☐ Domestic	(number of households)
☐ Stockwater	(number and type of stock)
☒ Irrigation <u>78</u>	(acres)
☐ Other	

Measuring Device:	Required?	☐ Yes ☐ No	Installed?	☐ Yes ☐ No
Access Port:	Required?	☒ Yes ☐ No	Installed?	☒ Yes ☐ No

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

5/27/82
Date

Wallace C. Taylor
Signature of Permit Holder

PLACE
TEN CENT
STAMP
HERE

Department of Water Resources

JUN 2 1982



RECEIVED

MAY 27 1982

IDAHO DEPARTMENT OF WATER RESOURCES

STATEHOUSE

BOISE, IDAHO 83720

Department of Water Resources

Southern District Office

RECEIVED

RECEIVED

3/79

IDENT. NO.

IDENT. NO. 43-7152

I D A H O D E P A R T M E N T O F W A T E R R E S O U R C E S

WATER RIGHT
DATA ENTRY LOG

[illegible]

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

TAYLOR, WALLACE C.
ALMO, ID 83312

SEPTEMBER 24, 1980

RE: PERMIT NO. 43-7152

DEAR PERMIT HOLDER:

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

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

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

SINCERELY,

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

ENCLOSURE

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State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

TAYLOR, Wallace C.

INITIAL REVIEW BY: J E Stanton

APPLICATION NUMBER: 43-7152

CHECK:

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

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

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

PROCESSING:

- ☐ Yes ☒ No Platted by: AS Map No. DD-79,80
☒ Yes ☐ No Other rights on same place of use. 43-2232 (surface water) (not used) No Overlap
☒ Yes ☐ No* In form for advertising. 6/27/80 7/14/80 ✓
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 8/18/80 ✓
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☐ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
☒ 5-13-80 Date of priority recommended.
Special conditions of approval or cover letter. _____

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By: Loren O. Halbur Date: 9-2-80

STATE OFFICE REVIEW:

SLW/L03 OIC

- ☐ See attached sheet for more information.

By: Robyn Date: 9/11/80

Department of Water Resources

NOTICE OF APPLICATION FOR WATER RIGHT

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

43-7152

TAYLOR, WALLACE C.

ALMO, ID 83312

Source: GROUNDWATER

Date Filed: 05/13/1980

Amount: 1.56 CFS

Diversion Point: NESE Sec 27 T 15S R 24E, CASSIA Co.

Use: IRRIGATION (1.56 CFS) from 03/15 to 11/15

Place of Use: NESE NWSE Sec 27 T 15S R 24E FOR 78 ACRES

Diversion Means: WELLS, PUMPS & SPRINKLERS.

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before ~~JUNE 27~~, 1980.

July 14,

C. STEPHEN ALLRED

Director

Published ~~6/10~~ & ~~6/17/80~~.

6/24 & 7/1/80

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

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

JUNE 5, 1980

South Idaho Press
P.O. Box 190
Burley, Idaho 83318

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

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

Please send the affidavit of publication and publication billing to this office before JUNE 27, 1980.

Yours truly,

Mary A. Hill
Secretary

Encl.

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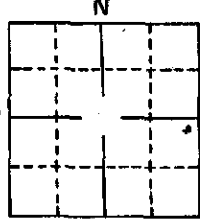
1. WELL OWNER
Name Wallace C. Taylor
Address Almo, Idaho 83312
Owner's Permit No. 43-7152

2. NATURE OF WORK 43-80-C-0003-000
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) _____

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
.250 inches 20 O.D. inches 1 feet 158 feet
.250 inches 16 I.D. inches 88 feet 449 feet
.250 inches 14 I.D. inches 438 feet 548 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 3/16 inches by 3 inches
Number From To
2700 perforations 23 feet 158 feet
2619 perforations 88 feet 449 feet
2000 perforations 448 feet 548 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 22 ft Material used in seal: ☐ Cement grout
☒ Bentonite clay ☒ Well cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent
Weld _____
Describe access port 2 1/2 in. pipe

6. LOCATION OF WELL
Sketch map location must agree with written location.

Subdivision Name _____
Lot No. _____ Block No. _____
County Cassia
NE 1/4 SE 1/4 Sec. 27, T. 15 N/S, R. 24 E/W.

7. WATER LEVEL
Static water level 55 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 _____

8. WELL TEST DATA
☒ Pump ☐ Bailor ☐ Air ☐ Other _____
Discharge G.P.M. Pumping Level Hours Pumped
12.60 160 ft 12

9. LITHOLOGIC LOG

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
24	0	6	to p soil & boulders		
24	6	12	boulders & clay		
24	12	55	clay & gravel (water @ 28ft.)	x	
20	55	105	gravel & brown clay	x	
	105	135	brown clay		
	135	155	gray clay		
	155	173	cemented gravel		
	173	190	clay & some gravel		
	190	197	brown rock (hard) clay		
	197	218	white granite (hard)		
	218	225	gray clay & gravel		
	225	235	soft white granite		
	235	258	white clay		
	258	265	cemented gravel		
	265	275	brown clay		
	275	282	brown clay		
	282	323	granite (hard)		
	323	333	cemented gravel & sand		
	333	387	white granite		
	387	390	gray clay		
	390	435	white granite		
	435	445	gray rock (coarse cuttings)	x	
			(water dropped from 28 ft. to 55 ft. at 445 ft.)		
16	445	530	black rock	x	
16	530	550	gray rock & sand	x	

RECEIVED
JUL 2 1981
Department of Water Resources
Southern District Office

RECEIVED
JUN 3 1980
Department of Water Resources
Southern District Office

10. DRILLERS CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name R. O. DE NTON & SON Firm No. 83
Address Paul, Idaho 83347 Date 7-16-1980
Signed by (Firm Official) Robert E. Denton
and
(Operator) Charles Baker
Work started 3-10-1980 finished 4-12-1980

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