

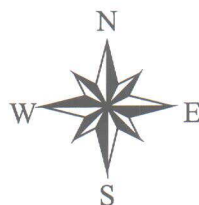
Idaho Department of Water Resources

Water Right 31-7141C

Township 7N Range 36E Section 28



- Point of Diversion
- Point of Diversion - Other Rights
- Place of Use
- Place of Use - Other Rights
- Quarter-quarter Sections
- Section Lines



GIS Illustration prepared from 1987/1988 NAPP photography by B. Contor 12/2000

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

WATER RIGHT NO. 31-7141C

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	BRENT R DALLING
Current Owner	LAUREL K DALLING
	PO BOX 238
	HAMER, ID 83425
	(208)662-5454
Original Owner	WADE L YEARSLEY
	2354 E 1900 N
	HAMER, ID 83425
	(208)662-5223

Priority Date: 11/01/1974
Basis: License
Status: Valid

Source Tributary to
GROUND WATER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
IRRIGATION	04/01	11/01	0.33 CFS	45 AFA	
STOCKWATER	01/01	12/31	0.14 CFS	8.1 AFA	
DOMESTIC	01/01	12/31	0.04 CFS	0.6 AFA	
Total Diversion			0.33 CFS	45 AFA	

Location of Point(s) of Diversion:

GROUND WATER NWSWSE Sec. 28 Township 07N Range 36E JEFFERSON County

IRRIGATION Use:
Acre Limit: 15

Place(s) of use:

Place of Use Legal Description: IRRIGATION JEFFERSON County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
07N	36E	28		SWSE	15									

Place of Use Legal Description: STOCKWATER same as IRRIGATION

Place of Use Legal Description: DOMESTIC same as IRRIGATION

Total Acres: 15

Conditions of Approval:

- C18 THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED

Water Right 31-7141C

BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.

2. N14 THE QUANTITY OF WATER UNDER THIS RIGHT FOR DOMESTIC AND STOCKWATER USES SHALL NOT EXCEED 13,000 GALLONS PER DAY.
3. N09 THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT FOR DOMESTIC USE AND STOCKWATER USE IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.

Remarks:

1. Quantity THE VOLUME OF WATER THAT MAY BE DIVERTED FOR IRRIGATION UNDER THIS RIGHT IS LIMITED TO 8.33 ACRE FEET IN ANY 14 DAY PERIOD.

Comments:

Author	Date	Subject	Comment
csaxton	1/4/01	Irrigation Volume	IDWR standard for under 15 acres is 0.02 cfs/ acre. $15 \times 0.02 = 0.3$ "std" rate for this POU. $0.3 \text{ cfs} \times 1.9835 \text{ acre ft/day/cfs} \times 14 \text{ days} = 8.33 \text{ acre foot limitation}$.
csaxton	1/4/01	Diversion Rate	Excessive diversion rate recommended per historical practice. Injury prevented by 2-week diversion volume limitation and annual diversion volume limitation. Note that these limitations are in accordance with standard rates and volumes.
csaxton	1/4/01	Volume	Domestic, "household only" 0.6 afa, Allocations standard volume per Harold Jones. Livestock, 501 - 600 head of stock 0.4 afa per "Administrators Memorandum" April 7, 1975.
csaxton	1/4/01	Diversion Rate	Capacity of well confirmed as 0.33 cfs from NWMD field exam 7/28/97.

Dates:

Licensed Date: 02/23/1987
Claim Received Date: 10/12/1988
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Decreed Date:
Date Filed with Court:
Objection Filed Date:
SF5 Filed:
Special Master Recom Signed Date:

Element Reviewed/Verified Dates:

Element	Last Review Date	Reviewer	Last Verified Date	Verifier	Status
Contacts	1/4/01 8:00:27 AM	csaxton			In Process
POD	1/4/01 8:01:16 AM	csaxton			In Process
POU	1/4/01 8:07:12 AM	csaxton			In Process
Priority Date	1/4/01 8:00:50 AM	csaxton			In Process
Quantity	1/4/01 8:12:59 AM	csaxton			In Process
Season	1/4/01 8:10:17 AM	csaxton			In Process
Source	1/4/01 8:02:45 AM	csaxton			In Process
Summary	1/4/01 8:42:40 AM		1/4/01 8:42:40 AM	csaxton	Complete
Use	1/4/01 8:03:21 AM	csaxton			In Process

Other Information:

Receipt Number(s):
State or Federal: S
Owner Name Connector: OR
Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plaintiff:
Decree Defendant:
PresumptionFlag:
Notice of Error Flag:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Verification Log:

<u>Element</u>	<u>Date Time Stamp</u>	<u>Reviewer</u>	<u>Log Text</u>
Contacts	1/4/01 8:00:25 AM	csaxton	1. Appointment has not been scheduled. Comment for 1: Bryce Contor contacted claimant on 12/23/2000. Edited point location
POD	1/4/01 8:02:18 AM	csaxton	1. (NO) The basis is not beneficial use.
POD	1/4/01 8:01:14 AM	csaxton	2. (YES) Parent right has a Point of Diversion. 3. (YES) The claimed Point of Diversion can be verified using the water right file. 8. (NO) Point of Diversion remark was not required. 9. (NO) Point of Diversion condition was not required.
POU	1/4/01 8:07:10 AM	csaxton	1. (YES) The POU is required. 2. (NO) The basis of claim is not beneficial use. 3. (YES) The Parent Right has a POU. 4. (YES) The claimed POU can be verified using the water right file. 12. (NO) POU remark was not required. 13. (NO) POU condition was not required.
Priority Date	1/4/01 8:00:47 AM	csaxton	1. (NO) There has not been a later court decree of the water right(s) from the water source. 4. (NO) The basis of claim is not beneficial use. 5. (NO) The basis of claim is not a posted notice. 6. (YES) Parent right has a priority date. 7. (NO) The basis of claim is not an application or permit. 12. (YES) The claim is recommended. 13. (YES) The claim is coded correctly. 14. (NO) Priority remark was not required.
Quantity	1/4/01 8:12:56 AM	csaxton	15. (NO) Priority condition was not required. 1. (NO) The basis of claim is not beneficial use. 2. (NO) The basis of claim is not a posted notice. 3. (YES) The parent right has a diversion rate and/or diversion volume. 4. (YES) The claimed diversion rate and/or volume can be verified using the water right file. 7. (YES) The parent right has an annual diversion volume limit. 8. (YES) Irrigation is a purpose of use. 9. (YES) Quantity remark was required. 10. (NO) Quantity condition was not required.
Season	1/4/01 8:10:15 AM	csaxton	1. (NO) The basis of claim is not beneficial use. 2. (YES) The parent right has a period of use. 3. (YES) The claimed Period of Use can be verified using the water right file. 12. (YES) Irrigation is the purposed use. 14. (NO) The period of use on the decree, license or transfer is not shorter on either the start or end date than allowable under IDWR's current standard. 15. (NO) Period of Use remark was not required.
Source	1/4/01 8:02:44 AM	csaxton	16. (NO) Period of Use condition was not required. 1. (NO) The basis is not beneficial use. 2. (YES) Parent right has a source. 3. (YES) The claimed source can be verified using the water right file. 8. (NO) The source is not surface water. 10. (NO) Source remark was not required. 11. (NO) Source condition was not required.
Summary	1/4/01 8:42:38 AM	csaxton	1. (NO) The basis of the claim is not beneficial use. 3. (NO) There is no indication that there has been a five year period of continuous nonuse that could result in a recommendation of forfeiture or partial forfeiture. 5. (NO) General remark was not required. 6. (NO) Explanatory remark was not required. 7. (YES) Additional condition was required. 8. (YES) Wanted to view the recommended right. 9. (NO) This is not a split right. 10. (NO) This is not a combined right. 11. (NO) Documents were not linked or attached to this file. 12. (YES) Set the verification date.
Use	1/4/01 8:03:20 AM	csaxton	1. (NO) The basis of claim is not beneficial use. 2. (YES) The parent right has a purpose of use. 3. (YES) The claimed purpose of Use can be verified using the water right file. 11. (NO) Purpose of Use remark was not required. 12. (NO) Purpose of Use condition was not required.

01/04/2001

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 31-7141C

NAME AND ADDRESS: BRENT R DALLING
LAUREL K DALLING
PO BOX 238
HAMER, ID 83425

SOURCE: GROUND WATER

QUANTITY: 0.33 CFS
45 AFY

THE QUANTITY OF WATER UNDER THIS RIGHT FOR DOMESTIC AND STOCKWATER USES SHALL NOT EXCEED 13,000 GALLONS PER DAY.

THE VOLUME OF WATER THAT MAY BE DIVERTED FOR IRRIGATION UNDER THIS RIGHT IS LIMITED TO 8.33 ACRE FEET IN ANY 14 DAY PERIOD.

PRIORITY DATE: 11/01/1974

POINT OF DIVERSION: T07N R36E S28 NWSWSE Within JEFFERSON County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	04-01 11-01	0.33 CFS 45.00 AFY
STOCKWATER	01-01 12-31	0.14 CFS 8.10 AFY
DOMESTIC	01-01 12-31	0.04 CFS 0.60 AFY

PLACE OF USE:

IRRIGATION Within JEFFERSON
County
T07N R36E S28 SWSE 15
STOCKWATER Use same as IRRIGATION DOMESTIC Use same as IRRIGATION

15 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.

THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT FOR DOMESTIC USE AND STOCKWATER USE IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A31-07141C
Date Received: 10/12/1988
Receipt No: E003076
Received By: RAW

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: BRENT R. DALLING 208-662-5454
Address: P.O. BOX 238
HAMER, ID 83425
OR
Name: LAUREL K. DALLING 208-662-5454
Address: P.O. BOX 238
HAMER, ID 83425

2. Date of Priority: NOV 01, 1974

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
07N	36E	28	SW	SE			JEFFERSON

5. Description of diverting works:
WELL PUMP MAINLINE TO LATERALS WITH SPRINKLERS, HOME, STOCK TROUGHS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.380		
DOMESTIC	01/01	12/31	0.040		
STOCKWATER	01/01	12/31	0.140		

7. Total Quantity Appropriated is:
0.380 C.F.S. (and/or) A.F.A.

8. Total consumptive use is 52.2 Acre Feet Per Annum.

9. Non-irrigation uses:
D/SINGLE DOMESTIC HOME, S/600 RANGE CATTLE

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
07N	36E	28	SW		SE		IRR	21.0
			SW		SE		DOMEST	
			SW		SE		IRR	

Section Acres 21.0

Total Acres	21.0
-------------	------

11. Place of use in counties: JEFFERSON

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
NONE

14. Remarks:

THE RIGHT TO THE USE OF THE WATER HEREBY CONFIRMED IS LIMITED TO THE AMOUNT WHICH CAN ACTUALLY BE BENEFICIALLY USED AND IS RESTRICTED AND APPURTENANT TO THE LANDS OR PLACE OF USE AND TO THE PURPOSE HEREIN DESCRIBED, AND PROVIDED BY THE LAWS OF IDAHO. RIGHT IS SUBJECT TO ALL PRIOR WATER RIGHTS AND MAY BE FORFEITED BY FIVE YEARS OF NON-USE.

MODIFICATIONS TO OR VARIANCE FROM THIS LICENSE MUST BE MADE WITH-
IN THE LIMITS OF SECTION 42-222, IDAHO CODE, OR THE APPLICABLE
IDAHO LAW.

15. Basis of Claim: LICENSE
Water Right Number: 317141

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not ☒ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): Laurel Dalling Date: 10-12-88

Date: _____

State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 12th day
of Oct 19 88

Betty J. Thompson
Notary Public

Seal

Residing at Idaho Falls

My Commission Expires 6-94

Large Slough

Roads/de
Past

20

21

4794

T
7
N

Well

R36E

Well
4791

788

Rays Lake

Well
4792

29

28

Well

POINT OF DIVERSION

BM

4792

PLACE OF USE

4796

32

33

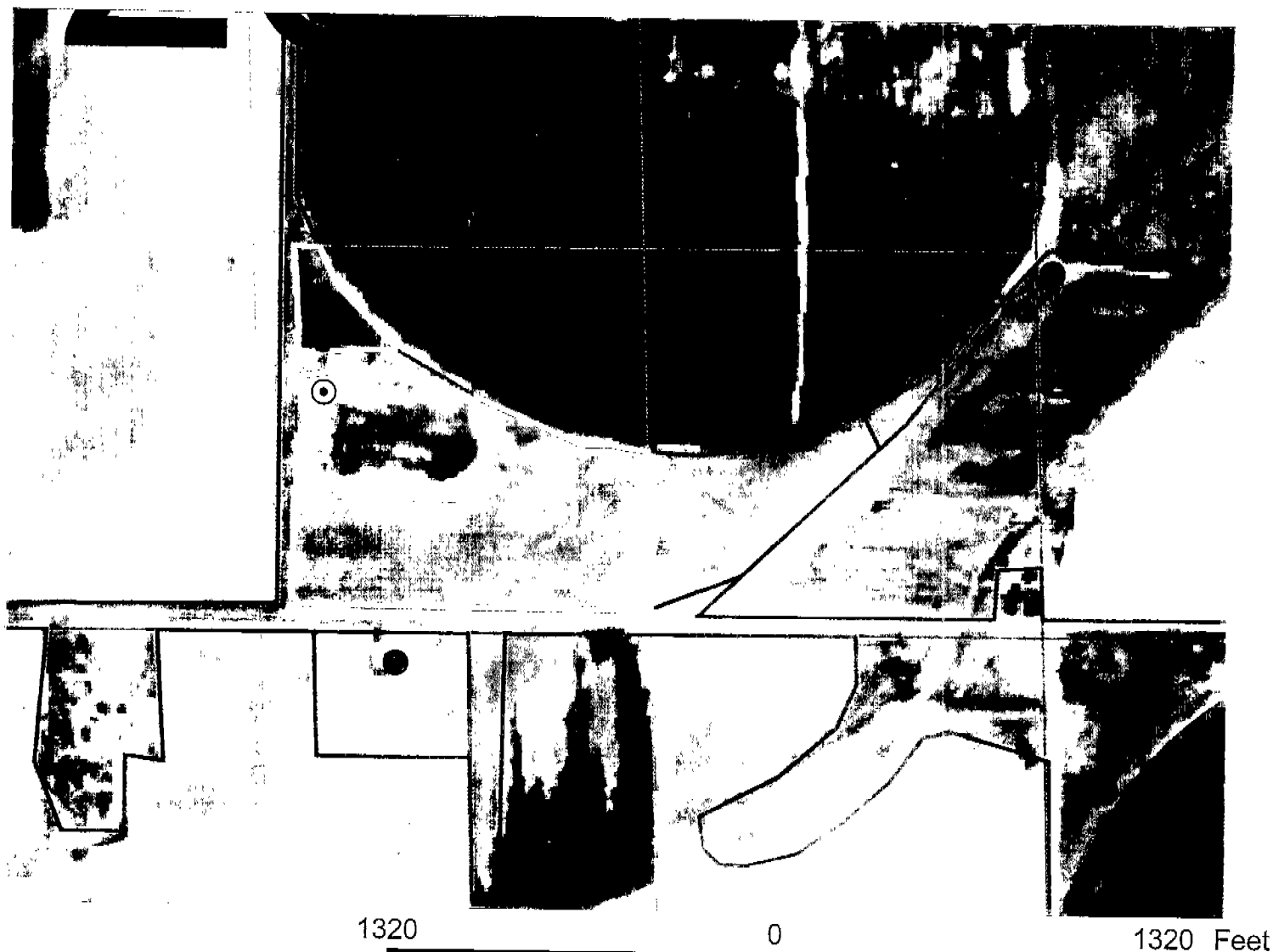
Well
4810

A31-07141C

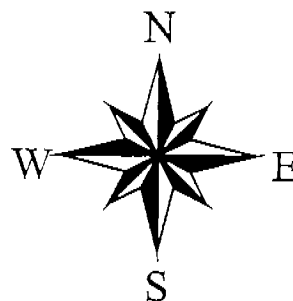
Idaho Department of Water Resources

Water Right 31-7141C

Township 7N Range 36E Section 28



- ⊙ Point of Diversion
- Point of Diversion - Other Rights
- Place of Use
- Place of Use - Other Rights
- Quarter-quarter Sections
- Section Lines



GIS Illustration prepared from 1987/1988 NAPP photography by B. Contor 12/2000

01/24/2001

**NOTICE OF ERROR
REPLY**

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: March 9, 2001

Water right number: 31-7141C

BRENT DALLING
1916 N 2350 E
HAMER ID 83425
Telephone Number: (208)662-5454

LAUREL DALLING
1916 N 2350 E
HAMER ID 83425
Telephone Number: (208)662-5454

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

2. Describe the changes you wish to make in the proposed recommendation:

3. Give a brief explanation as to why you disagree with these portions:

☒ I AGREE with this proposed recommendation: no changes need to be made.

DATE: _____ SIGNATURE: B.D.

Please print your name: _____

IDWR Regional Office, 900 N Skyline, Idaho Falls, ID 83402, 2085257161

MEMORANDUM

To: A31-7141C File
Loren McGarry Ranches AT File
Fr: Bryce Contor
Date: 12/23/2000

31-62A
31-63A
31-7270

Re: Phone conversations w/ Brent Dalling &
Wade Yearsley

I called Brent to discuss whether he had irrigated any lands in the SESE. If he had, he could sign an amended claim asserting accomplished transfer, and I could recommend the full licensed acres.

Brent said he had not irrigated those lands, but that his predecessor Wade Yearsley would know if they had been irrigated prior to Brent's purchase.

We also discussed the lack of an AT claim on the NWSW of section 27. This belongs to McGarry but Brent is interested because he is leasing the ground w/ an option to buy.

Brent stated that those lands had been irrigated by handlines out of Wade Yearsley's small well immediately to the North. I told Brent that McGarry had a post-87 transfer that may prevent asserting enlargement &/or accomplished transfer, but that I would look at the files Tuesday.

12/23/2000 (2)

I then called Wade Yearsley. He confirmed everything Brent had said and added some details.

The important details of these conversations are:

- 1) 31-7141C has only been used in the SWSE of section 28. The entire parcel is 20 acres. The feedlot has been present almost from the beginning. Therefore the original finding of about 15 or 16 acres is probably correct.
- 2) The diversion rate claimed & licensed for 31-7141C is 0.38 cfs, which is more than 2.02/acre on the recommendable acres. If NWMD exam shows current capacity requires the full 0.38, I plan to recommend the 0.38 with an appropriate 14-day volume limitation based on the 0.02/acre rate. This will be on the grounds that the developed diversion rate was within the original license authorization and is required for the installed system. Any injury can be asserted in the objection period.
- 3) When Wade Yearsley installed his small well, he had a lease arrangement with McGarry. The 40 acres just south of his 50 acres, installed a pump designed for 4 1/2 barrels as he recalls the design flow was also 800 GPM.

See attached - NWMD memo.
0.33 cfs - try to recommend 0.33?

8.3
1/4
A. H. H. H.
H. H. H. H.

12/23/2000 (3)

- 4) Wade watered the full 90 acres from this well up through about 1985. For two or three years thereafter, Justin Place rented the McGarry 40 and continued to use Yearsley's well for water supply. Sometime later the current pivot was installed & the McGarry 40 has been irrigated from McGarry's well in SWSW of 27 via the pivot.

Based on the above, I need to carefully review the McGarry claims & recommendations and post-87 transfers. One concern I discussed with Brent is that the post-87 transfers may prevent asserting enlargement / accomplished transfer.

However, I need to review with Harold Jones the status of enlargements & transfers at the time the McGarry transfers were approved. It may be that at that time, transfers could not recognize enlargements.

It also may be that the transfer only involved the Hamer Canal right and not the 7000 series license.

If possible, my plan is to assert an enlargement / and accomplished transfer of PD when Yearsley began irrigating the McGarry 40. Then, assert a second accomplished transfer of PD when the pivot was installed (back to the original licensed PD).

of McGarry's
4000-series
license

Dave A. Couton

NORTH WATER MEASUREMENT DISTRICT

FIELD REPORT

SITE DATA:

EXAMINER (inv_name) B. Couton
 EXAM DATE: 7/28/97 (site_visit) DIVERSION NAME: House well (div_name)
 GPS FILE NAME: (none) SITE TAG #: A0005801 (gps_filnam) (site_tagno)

OFFSET (offset): _____

TAG LOCATION (tag_locat): on post E of well house lid.

POD LEGAL: 1/4 SW 1/4 SE 1/4, Sec. 28, T 7 N, R 36 E (pod)

DEPT MEASUREMENT CAPABILITY (std_rcmd):

SONIC (s) SONIC/DIG (sd) SONIC @ PVT (sp)
 COLLINS (c) PYGMY (p)

MEASUREMENT RECOMMENDATIONS (op_num):

PCC (2) HOOR M. (7) IRR. FLOWMETER (1)

OTHER FLOWMETER (8) ALTERNATE (3)

SUITABLE FOR PCC EVEN IF OTHER METHOD SELECTED (pcc_ok) YES NO

TRACKING WILL BE REQUIRED (trkng_reqd) YES NO

WELL HAS GOOD ACCESS PORT FOR WATER LEVEL MEAS (wl_access) YES NO

FLOWMETER INSTALLATION POSS. W/O MAJOR CHANGE (qmtr_ez) YES NO

USER ANTICIPATES MAJOR SYSTEM CHANGE 1 YR 2 YRS 3 YRS

FOLLOW-UP DATE (folup_date): YEAR 2001 MONTH _____ DAY _____

OWNER/OPERATOR INFORMATION:

OWNER (name): Brent Dalling PHONE 6625454
 (if this is a change, data enter "yes" in field "name_chng")

ADDRESS # 50 CEL PHONE _____

OPERATOR (contact) _____ PHONE _____

ADDRESS _____ CEL. PHONE _____

OVERLAP:

OTHER WR. THIS POD _____

OTHER POD THIS WR. _____

Claim A31-7141C

Doc Source NWMD

A0005801

Date 12/27/00 Sig. Bae

PUMPING PLANT SKETCH

VALVE

= 

CHECK VALVE

= 

AIR VAC

= 

PRESS. RELIEF

= 

INDIVE/UPDIVE

= 

HOSE BIB

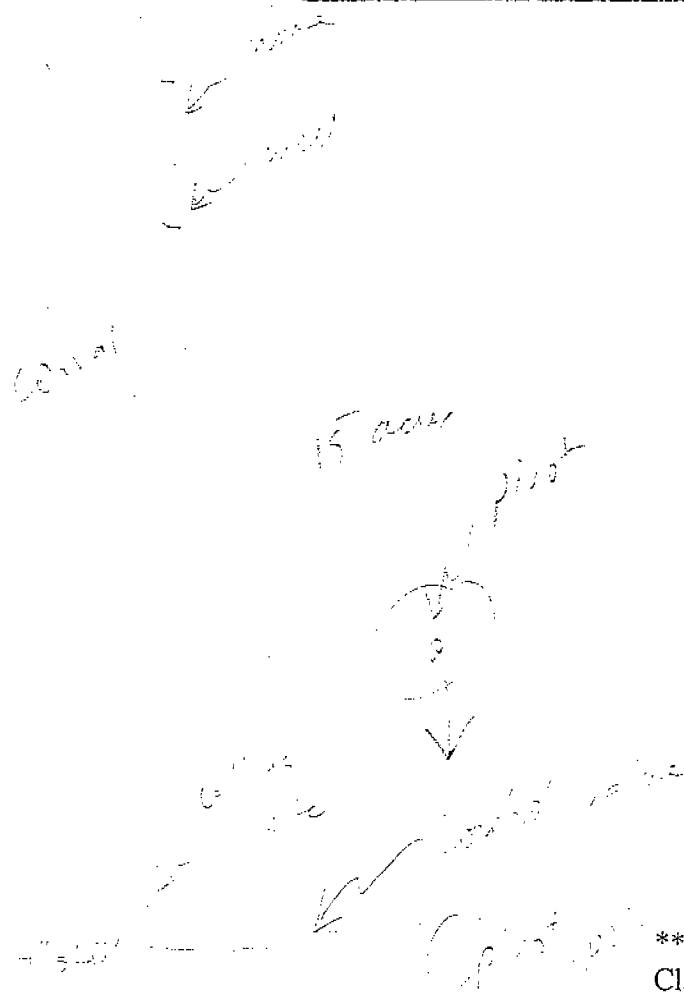
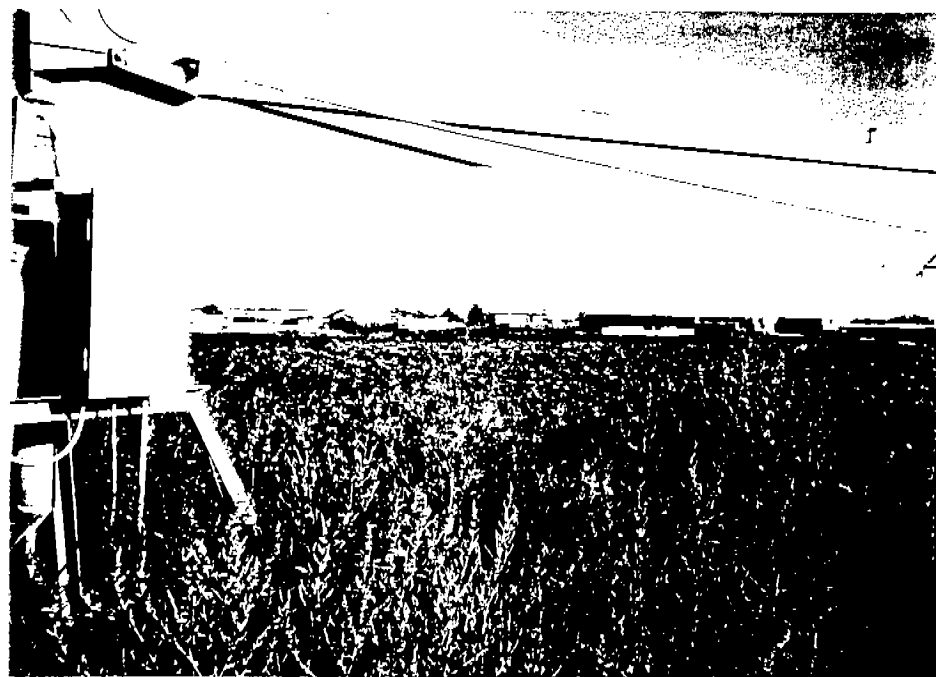
= 

PRESS. GAGE

= 

WELL ACCESS

= 



Claim AB1-7141C

Doc Source NWIND

A000 5801

Date 12/27/00 Sig. BOC

FIELD FORM FOR HOURMETER (TIME CLOCK)

IDENTIFICATION

OWNER Brent Dalling
(owner)

ADDRESS ID _____
(adres_id)

SITE TAG # A0005801
(site_tagno)

TEST DATE 7/28/97
(qmtr_calib)

TECHNICIAN MAKING MEASUREMENTS B. Conner
(examiner)

PORTABLE ("STANDARD") METER INFORMATION

TYPE Pilot (Collins)
(std_meter)

ID # Idaho 881

METHOD USED 10-point traverse

LOCATION:

GOOD

FAIR

POOR

DIAGNOSITCS/CONFIDENCE
(std_confid)

GOOD

FAIR

POOR

(g)

(f)

(p)

DATA AND CALCULATIONS (attach tapes &/or field notes):

FLOW (GPM) 149.4 X 0.0001841 = 0.02751 ACRE FT/HR
(gpm_a)

SYSTEM TYPE Pilot
(system_type)

COMMENTS TO DATA-ENTER (exam_notes): Domestic also on this well,
unmeasured. OK per Burke Schuler verbal 5/97.

FILE-ONLY COMMENTS: Hr meter not installed yet. Owner
may choose to purchase flowmeter.

End gun always on, 1 condition exists only

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature Byron A. Conner

Date 7/28/97

Claim A31-7141C

Doc Source NWMD

A0005801

Date 12/22/00 Sig. BAC

Collins Worksheet

Site tag #

A0005801

WR#

Pipe O.D. =

Thickness = _____ x 2 = _____

O.D. - 2(Thickness = I.D.) = _____

I.R. = I.D./2 = _____ 1 7/8

Station	Factor	Factor x I.D.		Vel. head (units = _____)	
		decimal	fractional	L.	R.
A	0.051		1/8	18.37	.51
B	0.163		5/16	.70	.81
* C	0.293		9/16	.78	.85
D	0.453		7/8	.78	.74
E	0.684		1 5/16	.74	.65
F	1.316		2 1/2	.50	.51
G	1.547		2 15/16	.52	.51
* H	1.707		3 1/4	.53	.52
I	1.837		3 1/2	.35	.39
J	1.949		3 1/16	.28	.32

* 2-point method

** upstream/downstream $V = \sqrt{gh}$ upstream/static $V = \sqrt{2gh}$

Scale on Collins manometer reads V directly for upstream/

$V = \bar{V}$ of measurements = _____

$A = \pi r^2 = \pi ()^2 =$ _____

_____ x _____ =

ins Worksheet
ing upstream/downstream ports

Site-tag A0005801 GPM= 149.4
 Grower BRENT DALLING
 Diversion Name
 Date 7/28/97 PCC= 0.0
 Condition
 KW =

OD 4.020 inches
 Thickness 0.109 inches
 ID 3.801 inches
 Inside Radius 1.901 1 14 /16

Station	Factor	Decimal	Fraction
1	0.051	0.097	0 2 /16
2	0.163	0.310	0 5 /16
3	0.293	0.557	0 9 /16
4	0.453	0.861	0 14 /16
5	0.684	1.300	1 5 /16
6	1.316	2.501	2 8 /16
7	1.547	2.940	2 15 /16
8	1.707	3.244	3 4 /16
9	1.837	3.491	3 8 /16
10	1.949	3.704	3 11 /16

A = 0.079 FT²

Vel-head	V=SQRT(GH)		
0.37	0.51	3.45	4.05
0.70	0.81	4.75	5.10
0.78	0.85	5.01	5.23
0.78	0.74	5.01	4.88
0.74	0.65	4.88	4.57
0.50	0.51	4.01	4.05
0.52	0.51	4.09	4.05
0.53	0.52	4.13	4.09
0.35	0.39	3.36	3.54
0.28	0.32	3.00	3.21

4.17 4.28

V bar = 4.22 ft/s
 Q=AV= 0.33 ft³/s
 149.4 GPM
 16.6 MINER'S INCHES

Claim A31-H41C
 Doc Source A0005801

Date 12/27/00 Sig. Sac

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 31-7141C

Priority: November 1, 1974 Amount: .38 CFS 69.0 AF

This is to certify, that WADE YEARSLEY
P.O. BOX 508
HAMER, ID 83425

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated November 1, 1974, and has submitted proof to the Department of Water Resources on October 26, 1981, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .38 cfs of water from a GROUNDWATER source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Irrigation	04/01 to 11/01	.38 cfs	69.0 af

LOCATION OF POINT OF DIVERSION(S): SWSE , Sec. 28, Township 7N, Range 36E
Jefferson County

PLACE OF USE: Irrigation

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
7N	36E	28	SWSE	23			23

Total number of acres irrigated: 23

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 23rd day of February, 1987.

MICROFILMED

Acting for the Director



MAR 20 1987