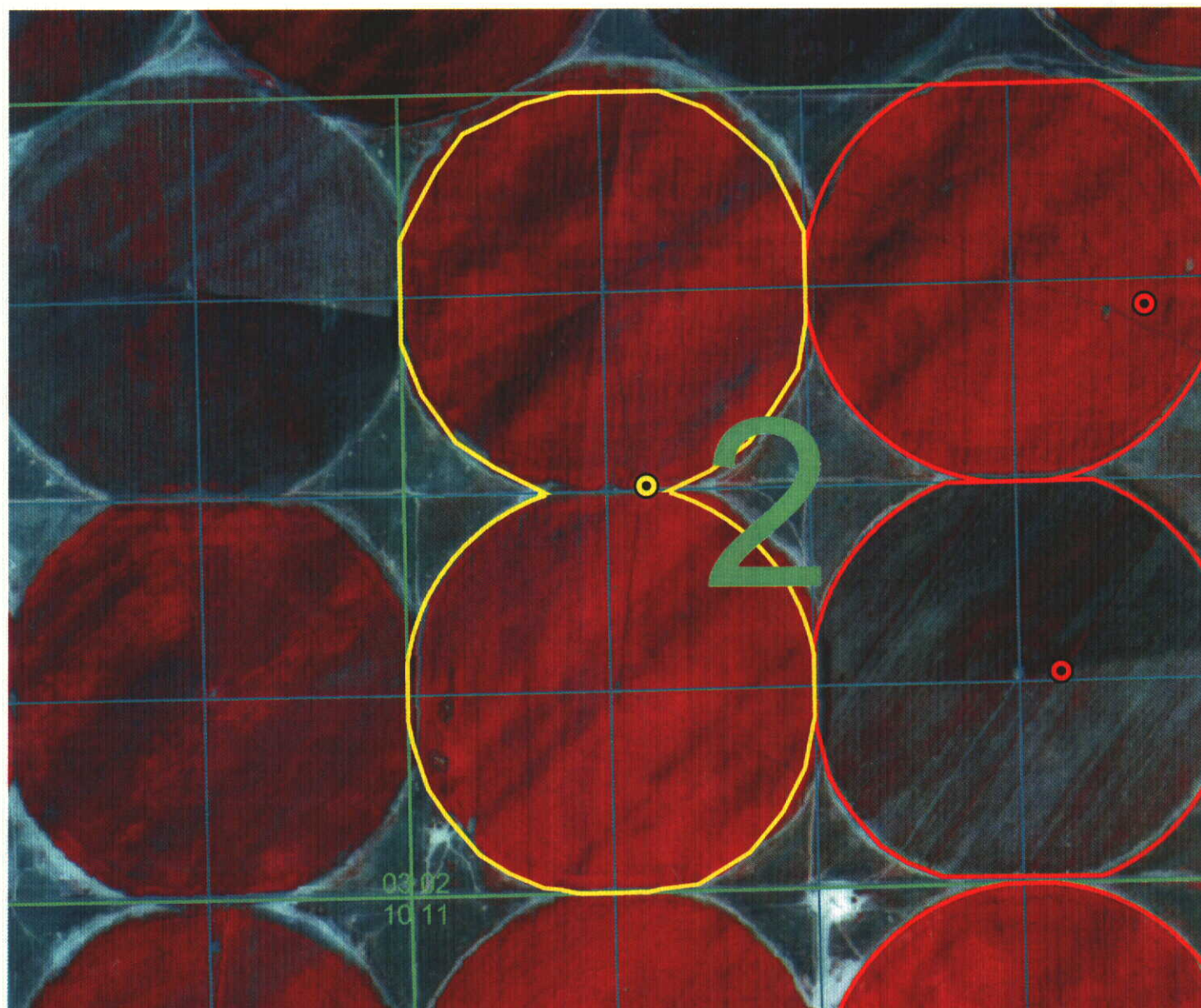


IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-07000

Township 7N Range 36E Section 2



0 1320 Feet

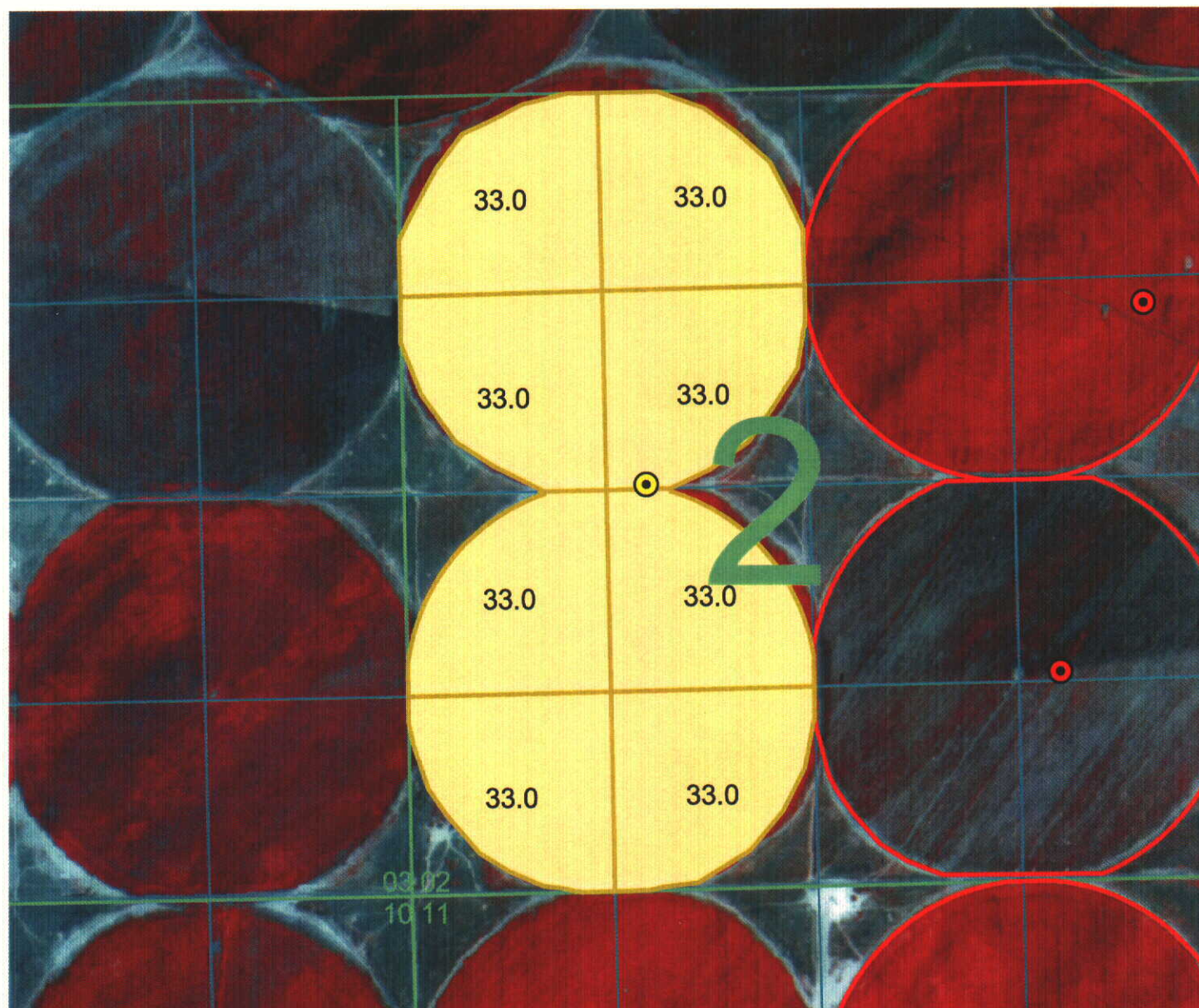
-  Point of Diversion - This Water Right
-  Point of Diversion - Other Water Rights
-  Place of Use - This WR
-  Place of Use - Other WR
-  Sections
-  Quarter-quarter Sections



IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-07000

Township 7N Range 36E Section 2



0 1320 Feet

-  Point of Diversion - This Water Right
-  Point of Diversion - Other Water Rights
-  Place of Use - This WR
-  Place of Use - Other WR
-  Sections
-  Quarter-quarter Sections



IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

WATER RIGHT NO. 31-7000

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	VICTORIA H SMITH ROUTE 4 BOISE, ID 83714 (208)375-2934
Present Owner	VICTORIA H SMITH 5933 N BRANSTETTER RT 4 BOISE, ID 83714 (208)375-2934
Attorney	VERNON K SMITH 1900 MAIN BOISE, ID 83702 (208)345-1125
Original Owner	BLAINE L LARSEN PO BOX 188 HAMER, ID 83425
Original Owner	VICTORIA H SMITH RT 2 BOISE, ID 83703

Priority Date: 07/21/1967
Basis: License
Status: Valid

Source: 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	10/15	5.07 CFS		
Total Diversion			5.07 CFS		

Point(s) of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4	Lot	County
07N	36E	2	SW SE NW	0	JEFFERSON

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	2	3	NENW	33	4	NWNW	33		SENW	33		SWNW	33
				NESW	33		NWSW	33		SESW	33		SWSW	33

Total Acres: 264

Conditions of Approval:

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

Remarks:

1. Purpose of Use THE USE OF WATER FOR IRRIGATION UNDER THIS RIGHT MAY CONTINUE TO AS LATE AS OCTOBER 31, PROVIDED OTHER ELEMENTS OF THE RIGHT ARE NOT EXCEEDED. THE USE OF WATER AFTER OCTOBER 15 UNDER THIS REMARK IS SUBORDINATE TO ALL WATER RIGHTS HAVING NO SUBORDINATED EARLY OR LATE IRRIGATION USE AND A PRIORITY DATE EARLIER THAN THE DATE A PARTIAL DECREE IS ENTERED FOR THIS RIGHT.

Dates:

Licensed Date: 04/17/1979
Claim Received Date: 11/28/1988
Decreed Date:
Date Filed with Court:
Objection Filed Date:
Response Filed Date:
SF5 Filed:
Special Master Recom Signed Date:

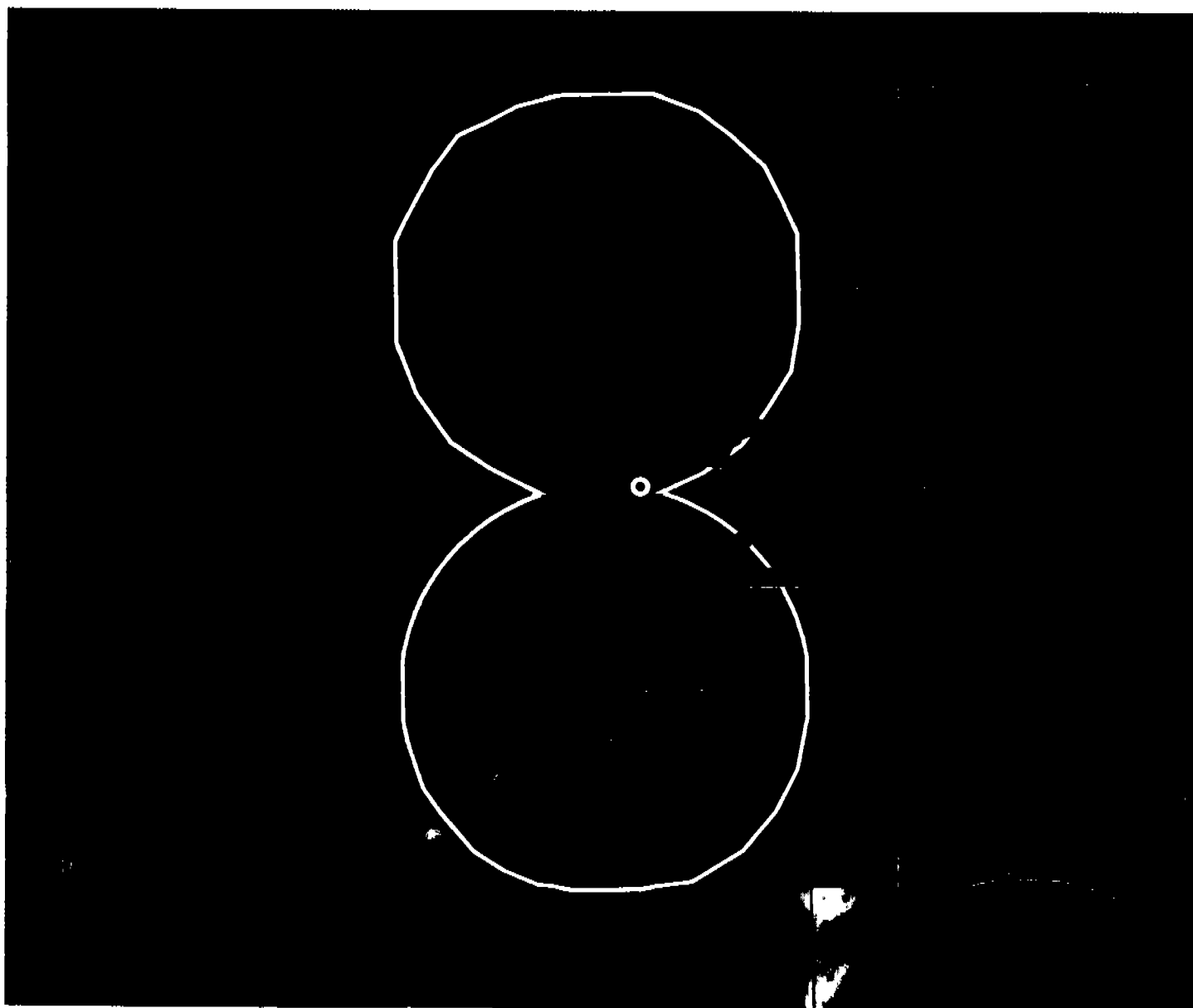
Element Reviewed/Verified Dates:

<u>Element</u>	<u>Last Review Date</u>	<u>Reviewer</u>	<u>Last Verified Date</u>	<u>Verifier</u>	<u>Status</u>
POD	8/24/00 2:15:41 PM	bcontor			In Process
POU	8/24/00 3:09:17 PM	bcontor			In Process
Priority Date	8/24/00 2:06:04 PM	bcontor			In Process
Quantity	8/24/00 3:29:47 PM	bcontor			In Process
Season	8/24/00 3:29:18 PM	bcontor			In Process
Source	8/24/00 3:27:58 PM	bcontor			In Process
Summary	8/24/00 3:32:59 PM				

IDAHO DEPARTMENT OF WATER RESOURCES

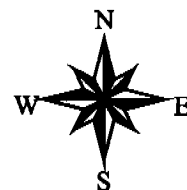
Water Right 31-07000

Township 7N Range 36E Section 2



0 1320 Feet

- ⊙ Point of Diversion - This Water Right
- Point of Diversion - Other Water Rights
- Place of Use - This WR
- Place of Use - Other WR
- Sections
- Quarter-quarter Sections



CF
A

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: A31-07000
Date Received: 11/29/1988
Receipt No: C003642
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: VICTORIA H. SMITH 208-375-2934
Address: ROUTE 4
BOISE, ID 83714

2. Date of Priority: JUL 21, 1967

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
07N	36E	2	SW	SE	NW		JEFFERSON

5. Description of diverting works:
WELL #3, 200 HP PUMP, TWO CENTER PIVOTS.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	10/15	5.070		

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

8. Total consumptive use is 800.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
07N	36E	2	NE	NW		IRR	40.0
			NW	NW		IRR	40.0
			SW	NW		IRR	40.0
			SE	NW		IRR	40.0

A31-07000

Page 1

Date: 11/29/88

MICROFILMED

NOV 17 1992

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
07N	36E	2	NE	SW		IRR	40.0
			NW	SW		IRR	40.0
			SW	SW		IRR	40.0
			SE	SW		IRR	40.0
Section Acres							320.0
Total Acres							320.0

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:

THERE IS A DOMESTIC WELL LOCATED IN THE SWSWSW OF SECTION 2.
SYSTEM PRESENTLY IRRIGATES 282+ ACRES.

***** MEMO TO FILE *****
PRIOR TO THE FIELD EXAMINATION OF THIS WATER RIGHT, "MOST" OF THE
320 ACRES CLAIMED WERE IRRIGATED WITH WHEEL LINES AND HAND LINES.
AT THE TIME OF THE FIELD EXAM, THE TWO CENTER PIVOTS WERE
IRRIGATING 264 ACRES.

CLF 11-29-88

6 ATTACHMENTS TO CLAIM, SEE CLAIM FILE.

15. Basis of Claim: LICENSE

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): _____ Date: _____
_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____

My Commission Expires _____

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 A31-07000Date Received 11-28-88ct Receipt Number C003642

RECEIVED

NOV 28 1988

**NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW**

Department of Water Resources

Please type or print clearly

1. Name of Claimant (s) Victoria H. Smith Phone (208) 375-2934
Mailing Address Route 4, Boise, Idaho Zip 83714

2. Date of Priority (Only one (1) per claim) July 21, 1967

3. Source of water supply (a) Groundwater
which is tributary to (b) _____

4. a. Location of existing point of diversion is: Township _____ Range _____ Section 2,
SW 1/4 of SE 1/4 of NW 1/4, Govt. Lot, _____ B.M., County of Jefferson
This well is located in the center of the W $\frac{1}{2}$ of Sec. 2
Additional points of diversion if any: _____

A3107000

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____

_____ 1/4, Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. See attachments for complete details.

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NOV 17 1992

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For Irrigation purposes from April 1 to Oct. 15 amount 5.07 or 800

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 5.07 (cfs) and/or (b) 800 (acre feet)

8. Total consumptive use claimed is 800 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) There is a domestic well located in the corner of SW $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$
of Sec. 2.

10. Description of place of use:

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

b. If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
7N	36E	2					40	40	40	40	40	40	40	40					320
													D						

Total number of acres irrigated 320 previously
282+ presently

11. In which county (ies) are lands listed above as place of use located? Jefferson

12. Do you own the property listed above as place of use? Yes _____ No _____

If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.

Claims to water right beneficial use prior to 1963 for entire _____ or None ()
320 acres in W $\frac{1}{2}$ of Sec. 2. See Permit No. 31-7000.

14. Remarks:

Claimant is Victoria H. Smith, individually, and in her capacity as the
Executrix of the Estate of Vernon K. Smith, Deceased. The entire W $\frac{1}{2}$ of
Sec. 2 was irrigated from this well (Well No. 3) since 1962 irrigating the
entire 320 acres. In 1972 circle systems were installed which now irrigate
approximately 282+ acres in the W $\frac{1}{2}$ of Sec. 2. See attached sheet describing
beneficial uses concerning Sec. 2 and Sec. 11, T7N, R36E, as it was one
large project consisting of 1280 acres.

MICROFILMED

NOV 17 1992

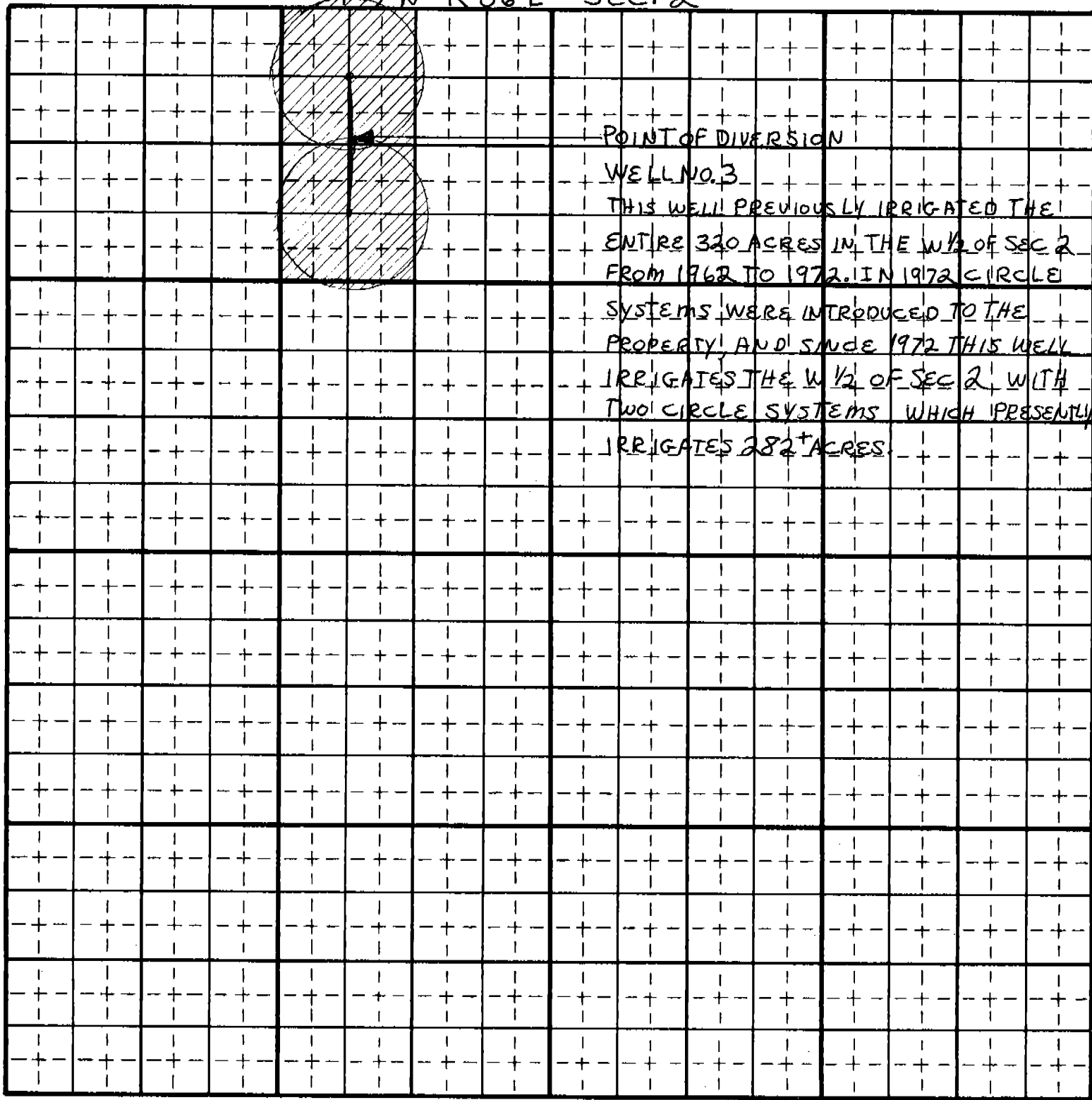
Last Name Smith Ident No. _____

Copies: White -State, Yellow-Claimant

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

Scale: 2 inches equals 1 mile

T 7 N R 36 E SEC. 2



MICROFILMED

NOV 17 1992

Last Name Smith Ident No. _____

Copies: White-State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License X Permit _____

Decree _____

If applicable provide IDWR Water Right Number 31-7000

Court _____ Case Number _____ Decree Date _____

Plaintiff vs Defendant _____

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 X do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments 6 pages

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant (s) Victoria K. Smith Individual Date 11-28-88

Victoria K. Smith Executrix of Date 11-28-88

Estate of Vernon K. Smith, Deceased.

For Organizations: I do solemnly swear or affirm that I am _____

_____ Title
of _____, that I have signed the foregoing

document in the space below as _____ of _____

_____ Title _____ Organization
and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent _____

Title and Organization _____ Date _____

State of Idaho/or _____)
County of Ada) SS.

Subscribed and sworn (or affirmed) before me this 28th day of November 19 88

SEAL

Notary Public [Signature]

Residing at Boise, Idaho

My Commission Expires 2-17-91

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, Vernon K. Smith will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature [Signature]

Address 1900 Main Street, Boise, Idaho 83702

Date 11-28-88

MICROFILMED

NOV 17 1992

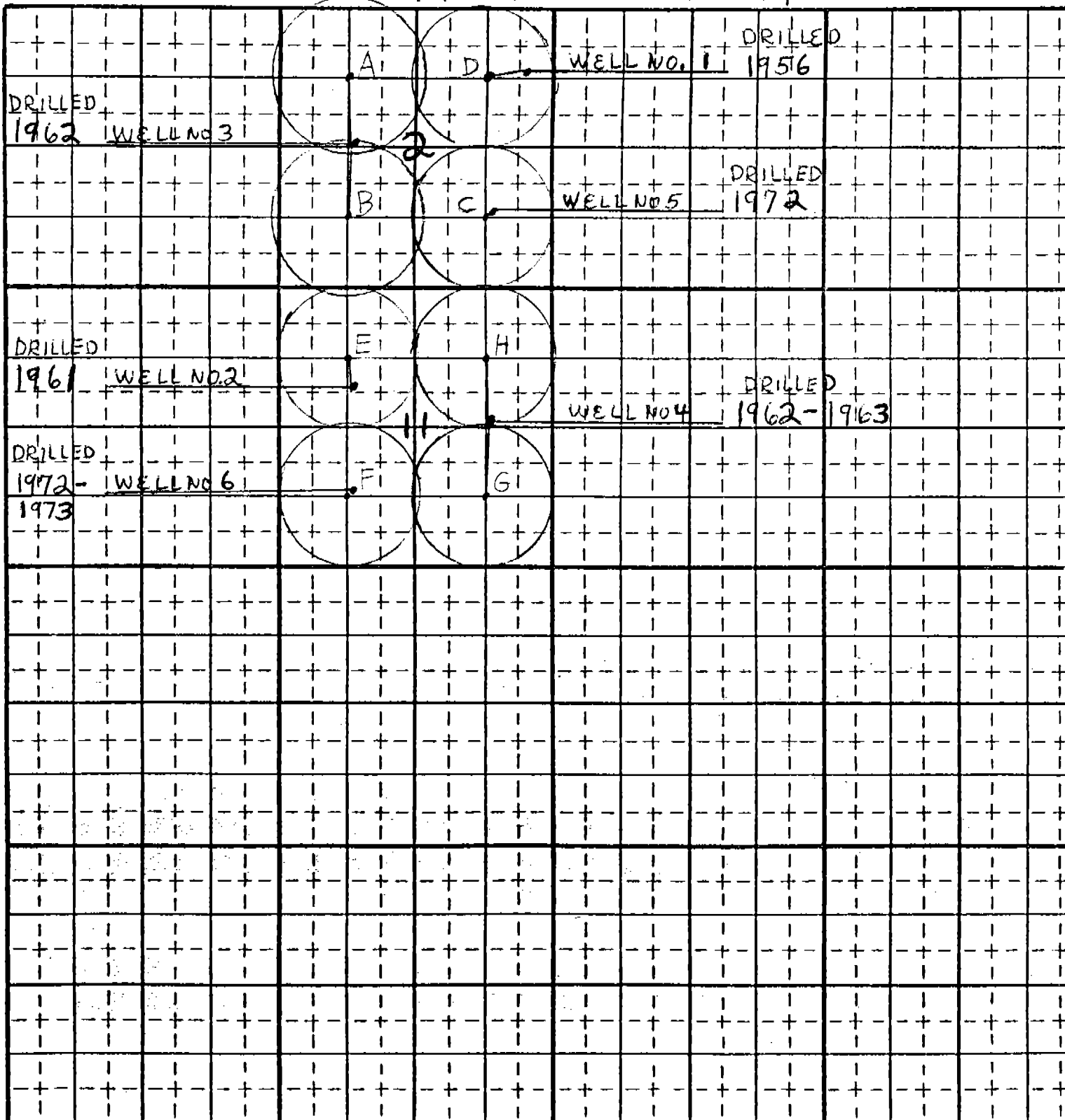
Last Name Smith Ident. Number _____

Copies White-State, Yellow-Claimant

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

Scale: 2 inches equals 1 mile

T7N R36E SEC. 2 & SEC. 11



MICROFILMED

NOV 17 1992

VICTORIA H. SMITH ATTACHMENT TO NOTICE OF CLAIM

Last Name

Ident No.

Copies: White-State, Yellow-Claimant



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

Date 6/27/00

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

Victoria H. Smith
5933 Branstetter st.
Boise ID 83714

Re: Adjudication Claim(s) 31-07000, A31-07001

Dear Water User:

We are currently in the process of reviewing adjudication claims in Basin 31, in preparation for submitting recommendations to the Snake River Basin Adjudication Court.

In reviewing your claim(s) listed above, it appears the irrigated acreage exceeds what is authorized by the claim(s). To provide for irrigation of the additional acres, you need to file an "enlargement claim" or perhaps amend the claim(s) listed above.

Please contact me at (208) 525-7161 if you have further questions or would like to make an appointment to file or amend a claim.

Sincerely,

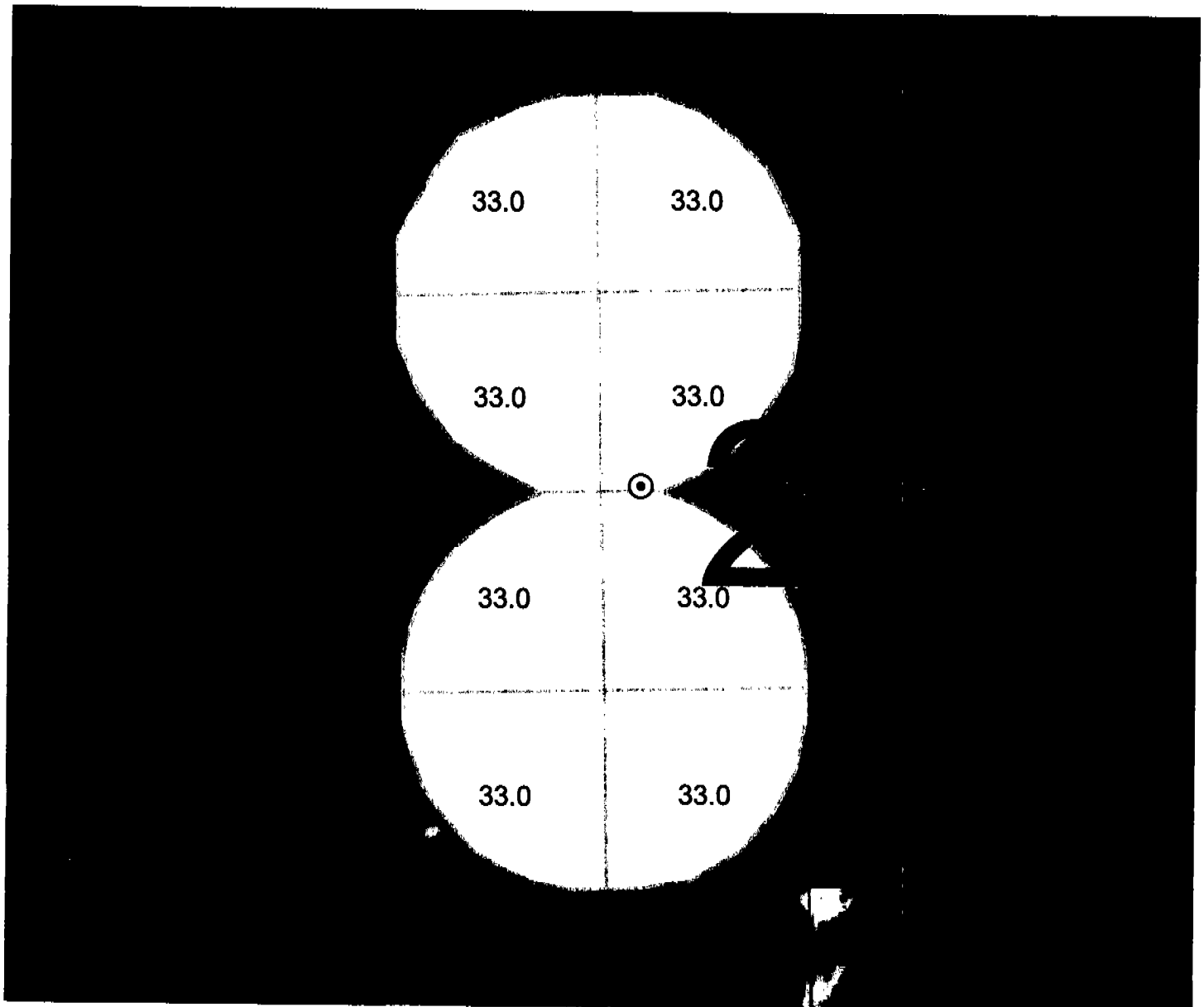
Dwight A. Conter
Senior Water Resource Agent

cc: Vernon K Smith
1900 Main St.
Boise ID 83702

IDAHO DEPARTMENT OF WATER RESOURCES

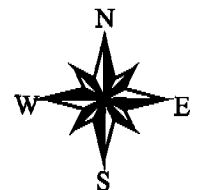
Water Right 31-07000

Township 7N Range 36E Section 2



0 1320 Feet

- ⊙ Point of Diversion - This Water Right
- Point of Diversion - Other Water Rights
- Place of Use - This WR
- Place of Use - Other WR
- Sections
- Quarter-quarter Sections



Identification No.

Application No.

31-7000

41959

MTG. John H. Harrison 2.5.66

APPROVED

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Idaho

1. Name of applicant Victoria H. Smith
post office address R.F.D. # 1, Boise, Idaho
2. Source of water supply Subterranean which is a tributary of _____
3. a. Location of point of diversion is SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 2 Township 7 N
Range 36 E B.M. Jefferson County; additional points of diversion if any: _____

b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M.
4. Quantity to be appropriated:
a. 6.4 cubic feet per second and/or
b. _____ acre feet per annum will be stored.
5. Water will be used for the following purposes:
Irrigation purpose from April 1 to Oct 15 (both dates inclusive)
_____ purpose from _____ to _____ (both dates inclusive)
_____ purpose from _____ to _____ (both dates inclusive)
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. pump, motor, sprinkler system

b. Height of storage dam _____ feet; active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet; materials used in storage dam: _____

c. Proposed well diameter is 20 inches; proposed depth of well is 200 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$ 75,000.00.
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: _____ hp 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: _____

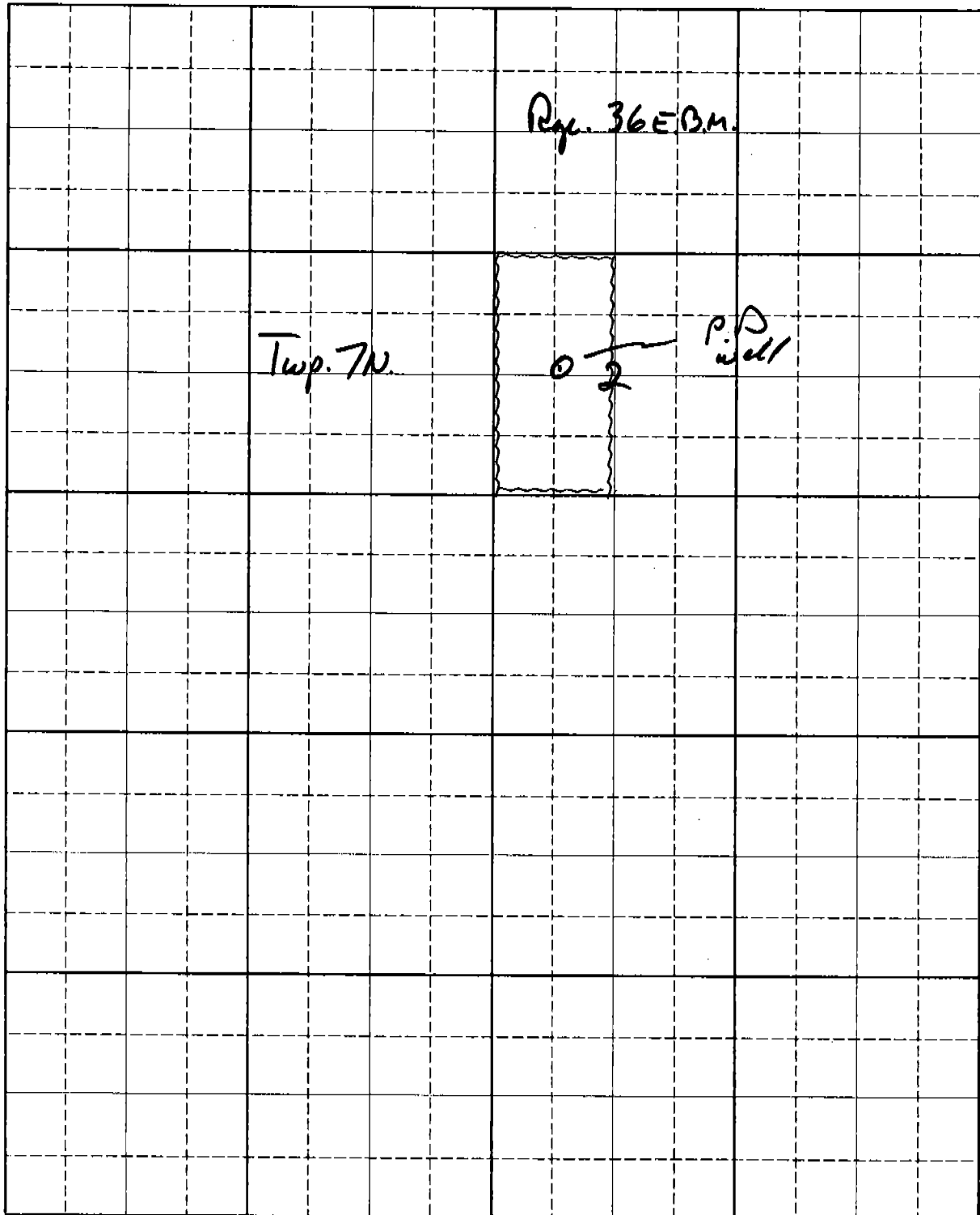
31-7000

[illegible]

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

10. Remarks _____

11. Map of proposed project:



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.

Victoria H. Smith
(Applicant)

Received by Over Date 7-21-67 Time 4: P.M.
Preliminary check by NWA Fee \$ 50.00 # 33813
Receipted by EJ Date 7/21/67 Receipt #
Publication prepared by KS Date July 24
Published in Big Sky Star
Publication dates Aug 3-10
Publication approved KS Date Aug 11 N.T.S.
Priority reduced to Reason

Protests filed by: new

Copies of protests forwarded by

Hearing held by Date

Recommended for approval denial by PIO

ACTION OF STATE RECLAMATION ENGINEER

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 31-7000, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before October 1, 19 72.
- c. Other: The applicant shall permanently install a measuring device of a type approved by the department as part of the diverting works.

2. Denial of said application is for the following reasons:

Witness my hand this 9th day of October 19 67.

R. Keith Higgins
State Reclamation Engineer

Converted
to Carter Pivots
No more bracing
July 7, 76 Rm.

3. Water will be used for the following purposes:

4. Total amount to be appropriated:

5. Location of Point(s) of Diversion:

6. Lands to be irrigated or place of use.

320

T.
7
N

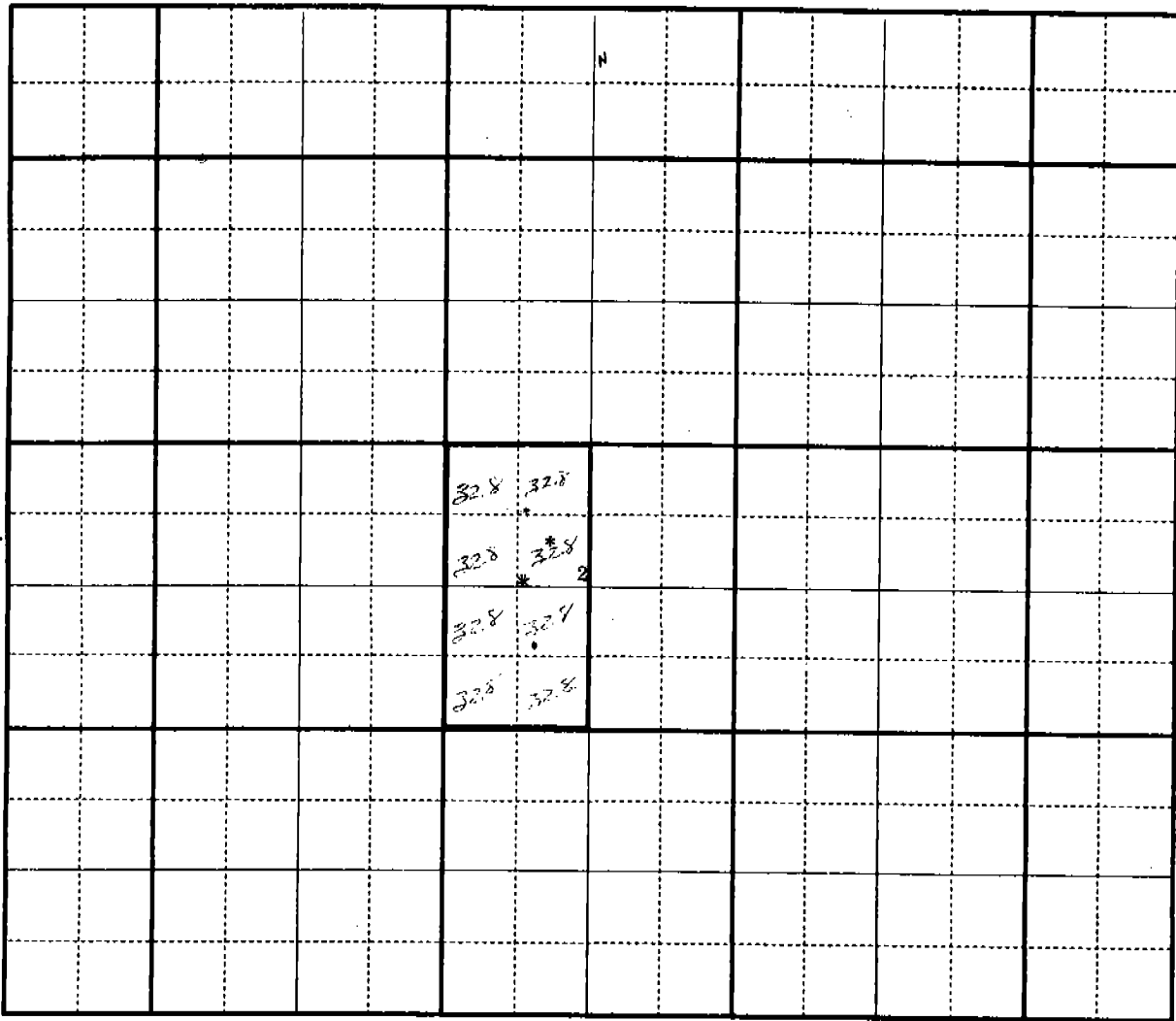
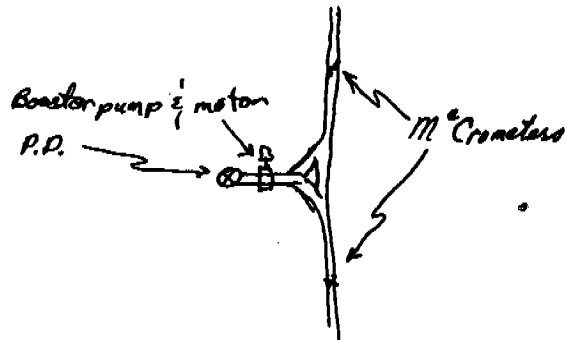


Diagram of System

N.

EMC
12/8/26



10" main from booster pump to center pivot 7/14" long
12" pipe connecting P.D. & booster.

DATE OF EXAM July 19, 1976

ACREAGE

Found

Recommended

258.4
258.4

32.8 x 8 = 262.4
however, rounded
up to 33 acres per 40 acre tract
it is 33 x 8 = 264 acres
264 x 3 = 792 acres
12/15/78

Irrigation Requirement 3.0

Ac Ft/Ac

USE

Irrigation Q = 5.07 c.f.s.

V =

775.2

AF/Ann. from April 1

to October 15

Domestic Q = c.f.s.

V =

AF/Ann. from

to

Livestock Q = c.f.s.

V =

AF/Ann. from

to

Is water co-mingled? yes ☐ no ☒

Name source:

twp.

N/S, Rge

E/W, B.M., Sec.

Sub.

1/4

1/4

County

Exchange? yes ☐ no ☒

Name source exchanged with:

twp.

N/S, Rge

E/W, B.M., Sec.

Sub.

1/4

1/4

County

Point of injection:

twp.

N/S, Rge

E/W, B.M., Sec.

Sub.

1/4

1/4

County

Point of exchange:

twp.

N/S, Rge

E/W, B.M., Sec.

Sub.

1/4

1/4

County

Total Q measured 5.07 cfs.

Method of measurement in line meter (2)

Total Q recommended 5.07 cfs.

Meter No. 76 10 2037

Type Chromator

Condition Stable

Total V recommended

AF/Ann

N.C.P. Timed Reading = .01 AF/16.3 SEC.

Recommended Amendments:

S.C.P. Timed reading = .01 AF/181 SEC.

P.D.

Place of Use

Other

None

MEASUREMENT CALCULATION:

$Q = \frac{435.6 \text{ ft}^3}{16.3 \text{ sec.}} = 2.67 \text{ cfs.}$

$\frac{435.6 \text{ ft}^3}{181 \text{ sec.}} = 2.40 \text{ cfs.}$

$= 5.07 \text{ cfs.}$

$V = \frac{258.4}{3} =$

775.2 AF/Ann

END 12/9/76

SYSTEM DESCRIPTION:

Certain Pivots: VALMONT No. 1041 Ser# 4936 (Wet) & Valmont No. 1041 Ser# 5373 (So 4)
Motor: GE, 200 HP, 5 phase Ser# C3333161454 Pump: Vertiline Model 14RH, Ser# D11428
Booster - motor: "U.S.", 60 HP, Model# R-1977-01-1456 - pump - no. ident
12" steel main extend 18" to east from P.D. connects to Booster Pump. From Booster a 10" steel main forks going north & south to center pivots, measuring device for each center pivot.

REMARKS:

No measuring device (July 7, 1976) - installed 17 July 76.

CP - 14 towers - 98' + 100' on end = length of machine 1285 + 60' = 1345'

Examiner's Signature

Ernest M. (Carla)

Date 12/9/76

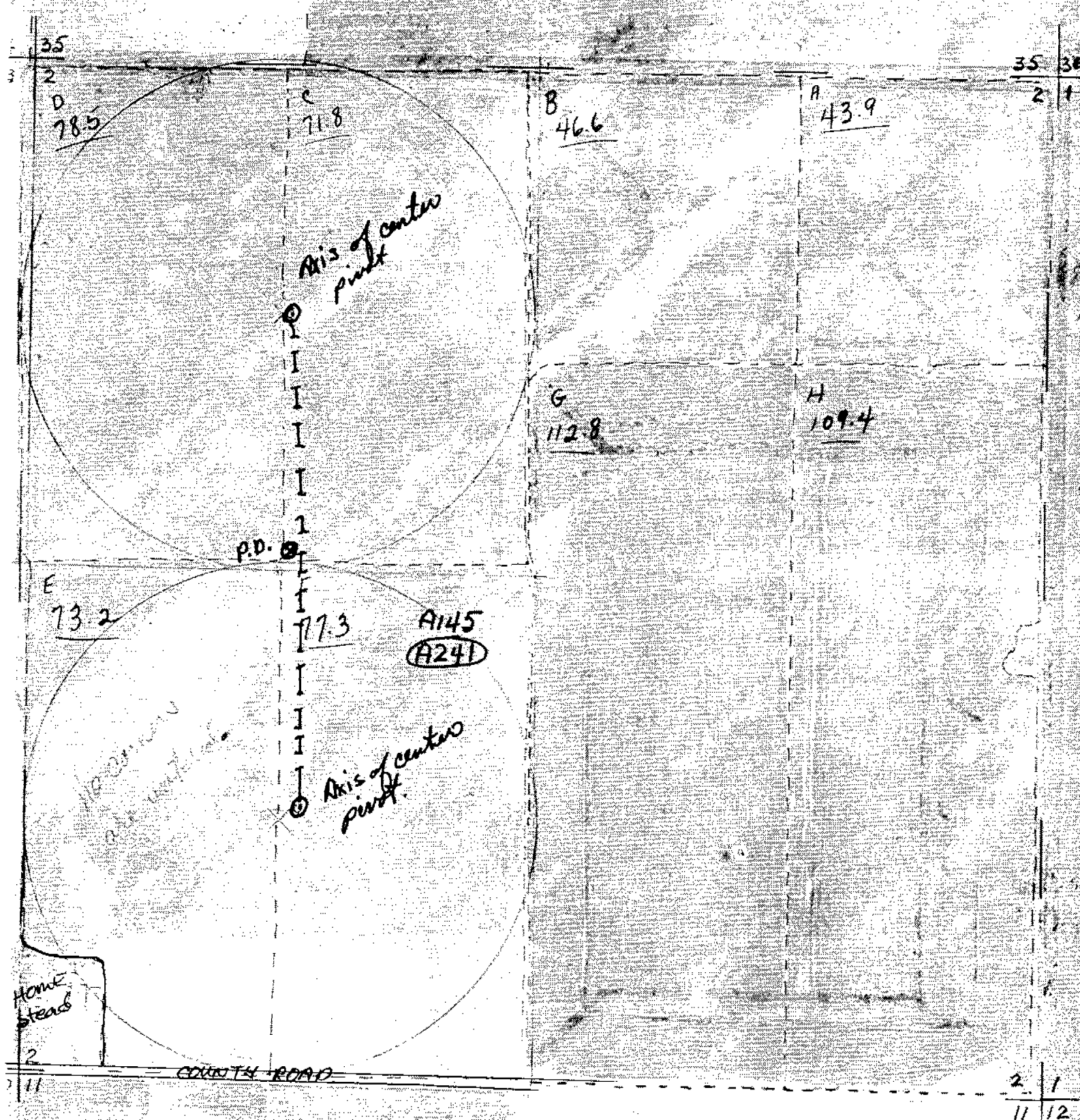
Checked by

Anthony R. Kozlowski

Date 2/22/77

Approved by

Date



EMC
12/9/76

**STATE OF IDAHO
DEPARTMENT OF RECLAMATION**

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

RECEIVED
OCT 2 1972 *ok*

Department of Water Administration

1. a) Name of Permit Holder Victoria H. Smith
 b) Post Office Address R. F. D. # 2, Boise, Idaho
2. Permit Number 31-7000
3. Date of Priority that you are prepared to establish Irrigation season, 1967
4. a) Source from which water was appropriated Subterranean from well
 b) Location of the point of diversion: SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 2
 Township 7N, Range 36E Boise Meridian, Other points of diversion: _____
The location is best described as the center of the West 1/4
of Section 2, T7N R36E
5. a) The amount of water and use to which the water has been applied:
 amount 6.4 cfs for irrigation purposes from April 1st to October 15th.
 (cfs and/or acre feet per annum) (Month-Day) (Month-Day)
 amount _____ for _____ purposes from _____ to _____ incl.
 (cfs and/or acre feet per annum) (Month-Day) (Month-Day)
 amount _____ for _____ purposes from _____ to _____ incl.
 (cfs and/or acre feet per annum) (Month-Day) (Month-Day)
 b) Total amount appropriated 6.4 cfs cfs and/or acre feet per annum
 c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement: Well and pump testing by Mehco Pump Co.
Idaho Falls, Idaho.
6. If the means of diversion and conveyance are owned by someone other than the Permit Holder:
 a) Give the name or description of the canal, ditch or other works by which the water is conducted to the place of use: _____

 b) Describe the agreement or understanding by which you take water from the works: _____

7. a) Briefly describe the works for diverting and conveying the water to the place of use, (If from a subterranean source, give the pump size, motor size, size of well casing, depth of well; if from surface water, give brief description of diversion structure and/or canal or ditch) Layne Bowler Pump w/ 10 inch
pump column, 200 h.p. General Electric Motor, 20 inch well casing,
well depth approx. 200 feet maximum; actual lift is less
 b) Describe the type and size of measuring device which you have installed at your point of diversion: _____
orifice discharge w/ attached pressure gauge.
 c) Give well drillers name and address and date the well was completed Paul Frandsen, Blackfoot,
Idaho, completed in 1967

Exam typed 10-4-72 by dk

8. If for other than irrigation, describe the beneficial use to which you have applied the water and the place of use _____

9. Irrigation uses: Describe the lands irrigated by giving the acreages irrigated within each 40 acre subdivision: _____

TWP.	RANGE	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
7N	36E	2					40	40	40	40	40	40	40	40					320

Total number of acres irrigated 320

10. Remarks: _____

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

September 29, 1972
(Date)

Victoria H. Smith
(Signature)

State of Idaho)
County of Ada) ss.

On this first day of October, 19 72, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

Deane K. Smith
Notary Public residing at Boise, Idaho
My Commission Expires 7-18-76

My commission expires 7-18-76

A31-07000

To: Victoria Smith Claims
Fr: Bryce Contor
Date: 2/17/2000

Bryce

Re: Overlap

The attached sketch shows that Victoria Smith claim A31-04000B completely overlaps claim A31-04000A and claim A31-04001B completely overlaps claim A31-04001A.

Because each quarter section now has its own well and its own pivot, I plan to recommend each A and B split to its own quarter section.

Note that the documentation in the claim files for the Statutory Claims describes the history of the entire project, including the lands claimed under the licenses 31-07000 and 31-07001.

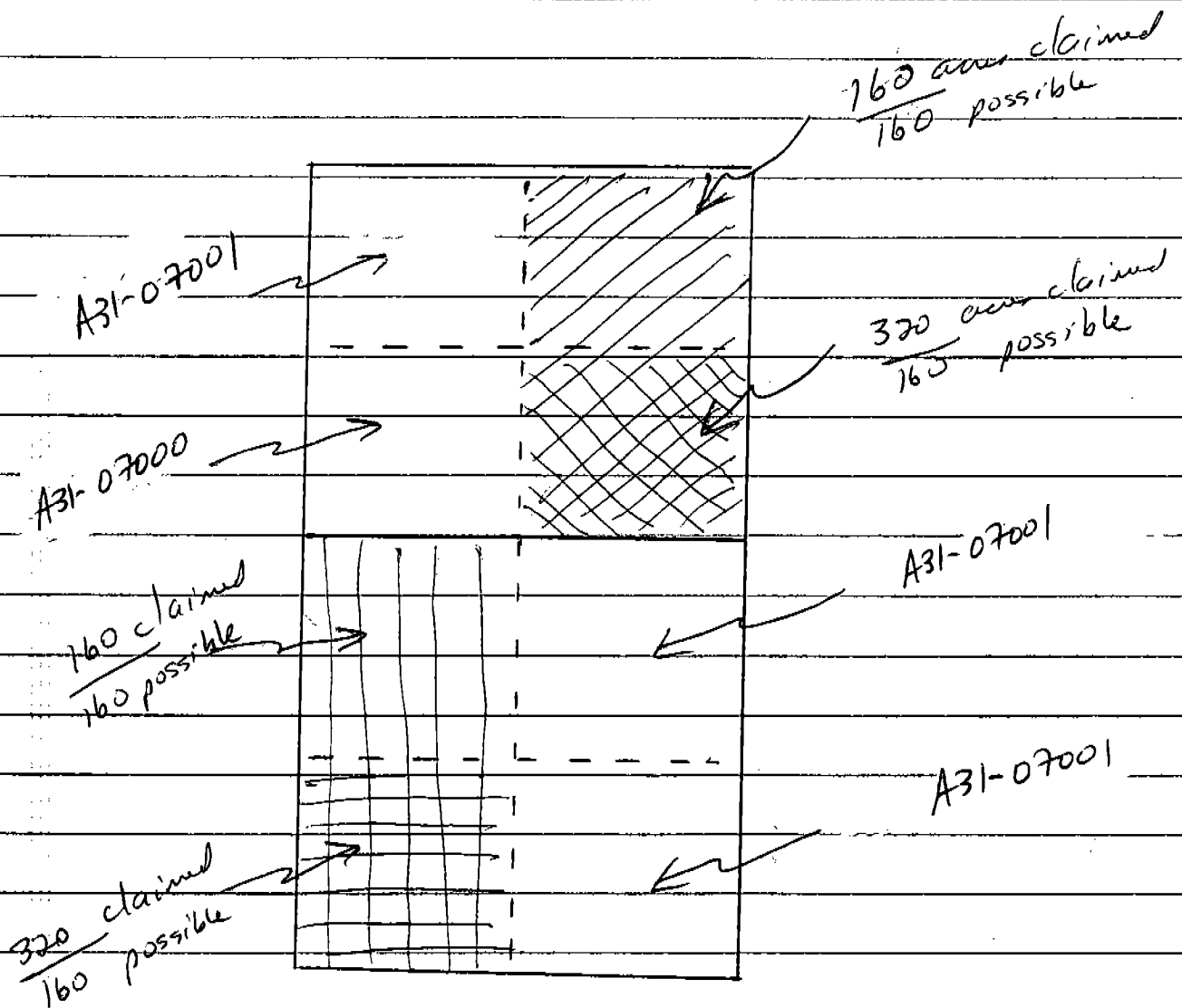
The history asserts that Victoria Smith was one of the owners in 1961, and the claim is signed by Victoria Smith. However, it stops short of asserting Smith's personal knowledge. Even if Smith doesn't respond to my request for a statement of "personal knowledge" I intend to recommend these rights based on the documentation, unless the licensing files for 31-07000 and 31-07001 give some contrary indication. This puts us on thin ice, and if a third party objects we may have to change the recommendation.

There is a Water Measurement District exam for each of these diversions, and all of them provide an "end gun on" (full system capacity) flow measurement with "good" or "excellent" technician confidence in the flow measurement. One exam is marked "known problem with data" but this comment only refers to the power data; the flow measurement is good.

Please file w/

A31-07000

Victoria Smith Claims Overlap Review



A31-04000A
 A31-04000B
 A31-04001A
 A31-04001B

Victoria Smith
Smith S, 6

PCC WORKSHEET

(attach to WMD Field Report)

Rec 300202 ✓
7N36E2 W12

SITE TAG: A000 5867

DATE 9/9/98

EXAMINER (examiner) B Contor

KILOWATT HOURS (kwh_2) 10659 X 40

IF MOTOR, PUMP, OR SYSTEM HAVE CHANGED SINCE FIELD INVENTORY, NOTE CHANGES HERE: _____

PCC_AF_QAL:

Z = Zero Pumpage

1 = Simple, no tracking

2 = Complex, no tracking req.

3 = Tracking req. & provided

4 = Tracking req, not provided

5 = Complex, exam incomplete

6 = Known problem with data

7 = PCC measured @ q-meter verification

8 = Low PCC where q-meter is required but not installed

9 = Calculated or Estimated PCC

N = No PCC

Q = Other, see exam notes

FOLLOW-UP DATE 2001

Q = 4.77 cfs
confidence = good

Power and Water Metering Information

KILOWATT HOUR METER		WATER MEASUREMENT METER and MOUNTING PIPE INFORMATION	
Utility	<u>UPL</u>	METER INFORMATION	
Pole No.	<u>022500</u>	Manufacturer	<u>Peel</u>
Meter Manufacturer	<u>ABB</u>	Model Number	<u>ISTT-P</u>
Meter Serial No.	<u>1489476</u>	Type (std-meter)	<u>Sonic</u>
Disc Constant(Kh)	<u>1.8</u>	PIPE INFORMATION	<u>see type</u>
Rated Voltage		Pipe material	
Demand	<u>1.75 X 40</u>	Outside Diameter	
Multiplier (Mult)	<u>40</u>	Inside Diameter	
CTR (Current) PTR (Voltage)		Distance of straight pipe upstream and down	Upstream/Down <u>8/5 dia</u>

Exam complete (Y) N

std confid E (G) F P

Determination of Power Consumption Coefficient

Kilowatts of Energy Consumed

$KW = 3.6 \times Kh \times \text{Multiplier} \times \text{No. of revolutions}(N) \div \text{Time}(T) \text{ in seconds per } N$

Cond.#1 $N = 15$ (No. of Disc Rev) Time (sec) = $(57.3) + (57.4) + (57.3) / 3 = 57.33$ Ave

3.6×1.8 (Kh) $\times 40$ (Mult) $\times 15$ (N) $\div 57.33$ (T) = 67.8 KW

Cond.#2 $N = 10$ (No. of Disc Rev) Time (sec) = $(88.6) + (39.1) + (39.2) / 3 = 58.97$ Ave

3.6×1.8 (Kh) $\times 40$ (Mult) $\times 10$ (N) $\div 58.97$ (T) = 66.5 KW

Cond.#3 $N =$ (No. of Disc Rev) Time (sec) = () + () + () / 3 = Ave

$3.6 \times$ (Kh) $\times$ (Mult) $\times$ (N) $\div$ (T) = KW

Measured Flow Rate and Discharge Pressure - Enter flow rate as determined by the "standard" water measurement meter in GPM, and discharge pressure measured in PSI. Attach documentation to support data such as notes, printout tapes etc.

GPM Cond. #1 $50 + 1043.4 + 104.8 = 1200$ #2 #3

PSI Cond. #1 #2 #3

Power Consumption Coefficient (PCC) = KW $\times$ 5431 $\div$ GPM

PCC Cond. #1 = 67.8 (KW) $\times 5431 + 2141$ (gpm) = 172 (kWh/ac.ft)

Percent of seasonal use 100

PCC Cond. #2 = (KW) $\times 5431 +$ (gpm) = (kWh/ac.ft)

Percent of seasonal use

PCC Cond. #3 = (KW) $\times 5431 +$ (gpm) = (kWh/ac.ft)

Percent of seasonal use

Is the system operator required to track and report changes in system operation? Yes / No (see form PCC3)

Water Level Data

Does the well have access to measure water levels? Yes / No

Static Water Level ft Pumping Water Level ft (at condition #)
Date Date

From North Water Measurement
District Field Exam, Record No.

300202
B. Contor 2/2000

Describe system operating conditions and how percentage of seasonal use obtained: _____

COND 1 = 2 PIVOTS END GINS ON

Sketch of pumping plant layout or attach photograph of pumping plant and piping:

Crop = grain

Acres = 260

From North Water Measurement
District Field Exam, Record No.

300202

B. Contor 2/2000

Data enter

Comments: 50 6PM added to account for
observed mainline route

Note KHL seems very low for
200 hp motor. probably CTs are out.

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

Bayer A. Contor
(person performing measurements)

Date

9/10/98

From North Water Measurement
District Field Exam, Record No.
300202
B. Contor 2/2000

FLOW 1028.691 GPM
6.743 F/S

SIGNAL STRENGTH UP
5.25

SIGNAL STRENGTH DOWN
5.25

DIFF CNT= 950
DELTA TIME= 348.34

DIFF CNT= 1026
DELTA TIME= 354.32

DIFF CNT= 973
DELTA TIME= 372.43

11:46:10 09-10-98

Min. Rate 1047.21 GPM
Max. Rate 1052.05 GPM
Avg. Rate 1048.40 GPM
FLOW RATE 1048.02 GPM
NET TOT(X1) 70 GAL

11:47:10 09-10-98

Min. Rate 1043.54 GPM
Max. Rate 1052.05 GPM
Avg. Rate 1047.85 GPM
FLOW RATE 1048.42 GPM
NET TOT(X1) 1118 GAL

11:48:10 09-10-98

Min. Rate 1039.79 GPM
Max. Rate 1052.82 GPM
Avg. Rate 1046.92 GPM
FLOW RATE 1039.53 GPM
NET TOT(X1) 2165 GAL

11:49:10 09-10-98

Min. Rate 1039.79 GPM
Max. Rate 1055.71 GPM
Avg. Rate 1048.52 GPM
FLOW RATE 1039.76 GPM
NET TOT(X1) 3213 GAL

11:50:10 09-10-98

Min. Rate 1038.58 GPM
Max. Rate 1055.71 GPM
Avg. Rate 1046.18 GPM
FLOW RATE 1052.71 GPM
NET TOT(X1) 4259 GAL

11:51:10 09-10-98

Min. Rate 1038.58 GPM
Max. Rate 1056.40 GPM
Avg. Rate 1050.68 GPM
FLOW RATE 1048.64 GPM
NET TOT(X1) 5310 GAL

5310-70

5

1048

SIGNAL STRENGTH UP
5.29

SIGNAL STRENGTH DOWN
5.25

DIFF CNT= 1002
DELTA TIME= 352.60

DIFF CNT= 276
DELTA TIME= 360.16

DIFF CNT= 950
DELTA TIME= 349.46

FLOW 1035.812 GPM
6.955 F/S

11:25:10 09-10-98

Min. Rate 1035.55 GPM
Max. Rate 1043.11 GPM
Avg. Rate 1040.77 GPM
FLOW RATE 1042.19 GPM
NET TOT(X1) 69 GAL

11:26:10 09-10-98

Min. Rate 1035.55 GPM
Max. Rate 1047.98 GPM
Avg. Rate 1041.77 GPM
FLOW RATE 1048.13 GPM
NET TOT(X1) 1111 GAL

11:27:10 09-10-98

Min. Rate 1035.55 GPM
Max. Rate 1051.08 GPM
Avg. Rate 1042.00 GPM
FLOW RATE 1042.65 GPM
NET TOT(X1) 2155 GAL

11:28:10 09-10-98

Min. Rate 1035.55 GPM
Max. Rate 1052.56 GPM
Avg. Rate 1044.10 GPM
FLOW RATE 1042.81 GPM
NET TOT(X1) 3202 GAL

11:29:10 09-10-98

Min. Rate 1029.44 GPM
Max. Rate 1052.56 GPM
Avg. Rate 1038.80 GPM
FLOW RATE 1045.95 GPM
NET TOT(X1) 4241 GAL

11:30:10 09-10-98

Min. Rate 1029.44 GPM
Max. Rate 1052.56 GPM
Avg. Rate 1041.10 GPM
FLOW RATE 1039.59 GPM
NET TOT(X1) 5286 GAL

5286-69

5

1043.4

40005867

9/10/98

NORTH WATER MEASUREMENT DISTRICT

FIELD REPORT

Rec # 300202

SITE DATA:

EXAMINER (inv_name)

B. Contor

EXAM DATE: 11/7/98
(site_visit)

DIVERSION NAME: Smith 5, 6
(div_name)

GPS FILE NAME: C010716C
(gps_filnam)

SITE TAG #: A0005867
(site_tagno)

OFFSET (offset): 5' Above Well

TAG LOCATION (tag_locat): on pole w/ trans formers

POD LEGAL: SW 1/4 SE 1/4 NW 1/4, Sec. 2, T 7 N, R 3 E
(pod) West 1/2

DEPT. MEASUREMENT CAPABILITY (std_rcmd):

SONIC (s)

SONIC/DIG (sd)

SONIC @ PVT (sp)

COLLINS (c)

PYGMY (p)

MEASUREMENT RECOMMENDATIONS (op_num):

PCC (2)

1 HOUR 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 1998 MONTH DAY

OWNER/OPERATOR INFORMATION:

OWNER (name): Victoria Smith

PHONE

(if this is a change, data enter "yes" in field "name_chng")

ADDRESS

CEL PHONE

OPERATOR (contact) Walter

PHONE

ADDRESS

CEL. PHONE

OVERLAP:

OTHER WR. THIS POD

OTHER POD THIS WR.

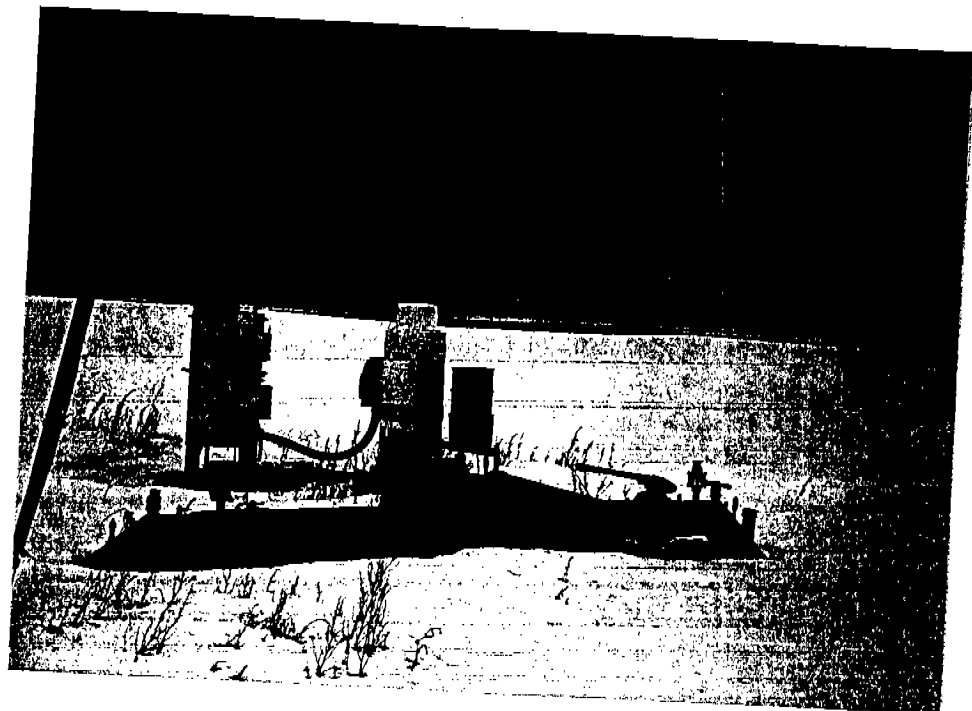
From North Water Measurement
District Field Exam, Record No.

300202

B. Contor 2/2000

PUMPING PLANT SKETCH

VALVE	=	
CHECK VALVE	=	
AIR VAC	=	
PRESS. RELIEF	=	
INDIVE/UPDIVE	=	
HOSE BIB	=	
PRESS. GAGE	=	
WELL ACCESS	=	



From North Water Measurement
 District Field Exam, Record No.
300302
 B. Contor 2/2000

WELL/PUMP INFORMATION:

DEPTH OF WELL: _____ DEPTH OF BOWLS: _____

WATER LEVELS:

PRE-SEASON STATIC: _____ DATE MEAS: _____
(swl_pre) (swlpredate)DURING-SEASON STATIC: _____ DATE MEAS: _____
(swl_mid) (swlmidddate)POST-SEASON STATIC: _____ DATE MEAS: _____
(swl_post) (swlpstdate)DYNAMIC WATER LEVEL: _____ DATE MEAS: _____
(pmpng_wl) (pwl_date)

DOES STATIC WATER LEVEL DROP OR RISE OVER SEASON? YES NO

DOES ANOTHER WELL SPECIFICALLY INTERFERE WITH THIS WELL? YES NO

PUMP AND MOTOR INFORMATION:

WELL MOTOR

MFG: _____

SERIAL: _____

HP: _____

BOOSTER 1 MOTOR

MFG: GESERIAL: CB5316164HP: 200

BOOSTER 2 MOTOR

MFG: _____

SERIAL: _____

HP: _____

WELL PUMP

MFG: _____

SERIAL: _____

TYPE: _____ VERT T CENT SUBMER
(pump_type) (v) (c) (s)

BOOSTER 1 PUMP

MFG: _____

SERIAL: _____

TYPE: VERT T CENT SUBMER

BOOSTER 2 PUMP

MFG: _____

SERIAL: _____

TYPE: _____ VERT T CENT SUBMER

UTILITY KWH METER INFORMATION:

UTILITY: UPL
(utility)POLE #: 022500
(pole_no)

MAX KW DEMAND _____

KILOWAT

(kwh_1) From North Water Measurement
(use deDistrict Field Exam, Record No.)UTILITY 300202
(acct_r) B. Contor 2/2000KWH METER SERIAL: 01 489 476
(pwrmttr_sn)METER MFG: ABB
(pwrmttr_mfg)Kh DISK CONSTANT 1.8
(kh)MULTIPLIER 40
(disk_mult)

SYSTEM DESCRIPTION/NARRATIVE COMMENTS:

SYSTEM TYPE pilot
(system_type)COMMENTS TO DATA-ENTER (exam_notes): 1 well 2 standard
pilot, always op. together, there fore no fracturing ref.

FILE-ONLY COMMENTS:

From North Water Measurement
District Field Exam, Record No.300202

B. Contor 2/2000

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

Byce A. Contor

Date

1/7/98

10/27/1988

SRBA CLAIMS RECEIVING CHECKLIST

CLAIMANT'S NAME Sm, LhCLAIM IDENT. NO. A31-07000DATE RECEIVED 11-28-88CK # 5451AMOUNT \$ 1580

1. Is the name and address complete with zip code? YES ☒ NO ☐
2. Is a priority date entered? YES ☒ NO ☐

Is the water use exempt from the Permit requirements, or if it is not exempt, has a Permit been approved or a License issued?

A Permit is required: (1) for groundwater developed after March 25, 1963 (except single family domestic and stockwater wells using less than 13,000 gpd), or (2) for surface water developed after May 20, 1971 (except for instream stockwater). USE CARE IF CLAIM IS RETURNED. REFER TO ADJUDICATION MEMOS # 1 (ADJ. CLAIMS/APPLICATIONS) AND # 9 (REJECTION OF CLAIMS). EXPLAIN IN COMMENTS.

3. (a) Is a source entered? YES ☒ NO ☐
- (b) Is a tributary to entered? (if required) N/A ☒
4. Is the legal description of the p.d. sufficient? T. 7N. R. 36E ☒ See (10)
5. Is there a description of the diverting works? YES ☒ NO ☐
6. Are the water uses appropriate for the form? The short form is limited to domestic and stockwater uses with direct diversion. All claims that include storage or instream stockwater must use long form. YES ☒ NO ☐
- Is the period of use included? YES ☒ NO ☐
- Is a quantity claimed for each use? YES ☒ NO ☐
7. Is a total quantity claimed entered? YES ☒ NO ☐
8. If required is a consumptive use entered? N/A ☒
- Is the consumptive use correct? N/A ☒
9. Are the non-irrigation uses listed properly? If this claim is on the short form, and more than one domestic use is listed, single ownership must be stated. If not under single ownership, see Adjudication Memo # 4. N/A ☒
10. Is (are) the place(s) of use and purpose(s) indicated? YES ☒ NO ☐
11. Is (are) the county(ies) entered? YES ☒ NO ☐
12. Is the ownership of p.u. checked? YES ☒ NO ☐
13. Are other water rights listed or "none" indicated? YES ☒ NO ☐
14. If required, are remarks correct? (If the claimant does not own the place of use, authority for filing the claim must be explained in the remarks.) N/A ☒
15. Is the basis of the claim indicated? YES ☒ NO ☐
16. Is the claim signed by the claimant, and is the signature appropriate? (If an individual is the claimant, has that individual signed the claim, or if an organization is the claimant, is the organization signature block complete?) YES ☒ NO ☐
- Has the claim been signed, sealed, and dated by a notary? YES ☒ NO ☐
- Was this claim filed on time, or was an extension granted? YES ☒ NO ☐
- Is the fee enclosed correct? Exempt ☒
- If this claim is based on an existing water right, has the identification number been entered? N/A ☒
- Should this claim be receipted and data entered? YES ☒ NO ☐

Claim checked by: MICROFILMEDComments: 370

NOV 17 1992

ATTACHMENT TO NOTICE OF CLAIM TO A WATER RIGHT
EXHIBIT A
IRRIGATION SYSTEMS, FACILITIES AND IRRIGATION EQUIPMENT FOR SEC. 2
IN OPERATION IN 1988

WELL No. 1

1. Circle #D and 150 H.P. Motor, Pump - NE 1/4, Sec. 2, T7N, R36E
(a). Model 4171 Valley, 7 Tower, 1288', Purchased as a
Water Drive 1972, Converted to Electric Drive, High
Speed, High Pressure
(b) Pump - 150 H.P. Motor, Pump and Panel with about 180' 10" Column.
-

WELL No. 3

1. Circle #A - NW 1/4, Sec. 2, T7N, R36E
Model 4855 - 6 5/8" pipe, 6 Tower, 1353', Purchased
January 1981. Electric System, low pressure sprays and
regulators with booster pump, high speed option, running
light, PC 100 end gun, stop-in-slot and end gun shut-off
 2. Circle #B. - SW 1/4, Sec. 2, T7N, R36E
Model 4855, 6 5/8" pipe, 8 tower, 1316', Purchased
January, 1981. Electric System, low pressure with sprays
and regulators with booster pump, high speed option, running
light, PC 100 end gun, stop-in-slot and end gun shut-off
 3. 200 H.P. Motor, Pump and Panel to do 2200 gpm with about 170' - 10" Column
 4. 1320' Power Cable and control wire to Circle A.
 5. 1320' Power Cable and control wire to Circle B.
 6. Steel mainline to Circle A.
 7. Steel mainline to Circle B.
-

WELL No. 5

1. Circle #C and 150 H.P. Motor, Pump - SE 1/4, Sec. 2, T7N, R36E
(a). Model 4171 Valley, 7 Tower, 1289', Purchased as Water
Drive 1972, Converted to Electric Drive, High Speed,
High Pressure
(b). Pump - 150 H.P. Motor, Pump with about 160' 10" Column.

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NOV 17 1992

ATTACHMENT TO NOTICE OF CLAIM TO A WATER RIGHT
EXHIBIT A
IRRIGATION SYSTEMS, FACILITIES, AND IRRIGATION EQUIPMENT ON SEC. 11
IN OPERATION IN 1988

WELL No. 3

1. Circle #E and 100 H.P. Motor, Pump - NW1/4, Sec. 11, T7N, R36E
(a). Valley Model 4171, 6" pipe, 7 Tower, 1289'.
Converted to Electric Drive with new Gearboxes,
motors, tower boxes, high speed option in 1978.
High pressure system. Old style U-joints.
(b). 100 H.P. Motor, Pump and Panel to do 1000 gpm.
-

WELL No. 4

1. Circle #G SE1/4 Sec. 11, T7N, R36E
(a). Model 4271 Valley, 6" Pipe, 7 Tower, 1296'.
High Speed, with Booster Pump, new U-joints.
 2. Circle #H - NE 1/4, Sec. 11, T7N, R36E
(a). Model 4271 Valley, 6" pipe, 7 Tower, 1296'.
High speed, with Booster pump, new U-joints.
 3. 200 H.P. Motor, Pump and Panel to do 2200 gpm with about 140'10" Col.
 4. 1320' Power Cable and control wire to Circle G.
 5. 1320' Power Cable and control wire to Circle H.
 6. Steel mainline to Circle G.
 7. Steel mainline to Circle H.
-

WELL No. 6

1. Circle #F and 100 H.P. Pump - SW1/4 Sec. 11, T7N, R36E
(a). Valley Model 4171, 6" pipe, y Tower, 1289'.
Converted to electric drive with new
Gearboxes, motors, tower boxes, high speed option in
1978. High pressure system. New U-joints.
(b). 100 H.P. Motor, Pump and Panel to do 1000 gpm

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NOV 17 1992

In May, 1961, Victoria H. Smith and her husband, Vernon K. Smith, who is now deceased, purchased 1280 acres from Phil D. and Marcia Peterson. This property is described as Sec. 2 and Sec. 11 of T7N, R 36 E. At the time of purchase, the property had two irrigation wells on it, Well No. 1 located in the NE 1/4 of Sec. 2 and Well No. 2, located in the NW 1/4 of Sec. 11. There was also one domestic well located at the old homestead in the SW 1/4 of Sec. 2. Well No. 1 was drilled in the spring of 1956 and the water used to irrigate the East 1/2 of Sec. 2. With the ownership of Vernon K. Smith and his spouse, Victoria H. Smith, and beginning with the crop season of 1961, and ever since that time, the water from well No. 1 was used to irrigate crops on the entire 320 acres in the East 1/2 of Sec. 2.

Well No. 2 was drilled in 1961, and again, beginning with the crop season of 1961, and ever since that time, the water from Well No. 2 was used to irrigate crops on the entire 320 acres in the West 1/2 of Sec. 11.

The above wells took care of 640 acres which was half of the total project. This project was designed to have the entire 1280 acres in production, so development continued with installation of Well No. 3 in 1962, located approximately in the center of the West 1/2 of Sec. 2, and again, beginning with the crop season of 1962, and ever since that time, the water from Well No. 3 was used to irrigate crops on the entire 320 acres in the west 1/2 of Sec. 2.

Shortly thereafter, Well No. 4 was drilled in the fall of 1962, and is located approximately in the center of the East 1/2 of Sec. 11, and again beginning with the crop season of 1963, and ever since that time, the water from Well No. 4 was used to irrigate crops on the entire 320 acres in the East

MICROFILMED

NOV 17 1992

1/2 of Sec. 11. This completed the development of the entire 1280 acre project, which was farmed each year thereafter in a grain, hay and potato crop rotation program.

From these beginning years until 1972, the entire 1280 acres was irrigated from those before mentioned four wells and the irrigation equipment used was as follows:

Well No. 1 and the East 1/2 of Sec. 2 consisted of:

Motor: 150 H.P. U.S. Electric Motor

Pump: Worthington turbine pump.

System: 5200 feet of 12", 10", 8" and 6" portable aluminum mainline pipe with 10 lateral aluminum wheel lines, 1300' long by 4", complete with risers, couplers and nozzles.

Well No. 2 and the West 1/2 of Sec. 11 consisted of:

Motor: 150 G.E. Electric Motor

Pump: Winthrop Turbine Pump

System: 5200 feet of 12", 10", 8" and 6" portable aluminum main line pipe with 10 lateral aluminum wheel lines, 1300' long by 4", complete with risers, couplers and nozzles.

Well No. 3 and the West 1/2 of Sec. 2 consisted of:

Motor: 200 H.P. G.E. Electric Motor.

Pump: Vertiline turbine Pump.

System: 5200 feet of 12", 10", 8" and 6" portable aluminum main line pipe with 10 lateral aluminum wheel lines, 1300' long by 4", complete with risers, couplers and nozzles.

Well No. 4 and the East 1/2 of Sec. 11 consisted of:

Motor: 200 H.P. G.E. Electric Motor.

Pump: Vertiline Pump.

System: 5200 feet of 12", 10", 8" and 6" portable aluminum main line pipe with 3 lateral aluminum "husky wheel lines" mounted on "A-frame" 1320' long with risers on the three main "A-frame" lines, and 5 drag lines attached to each main line.

These wheel line systems remained on the premises as the means and of irrigation until the property was leased to Mr. Max Mortenson and Golden Linford in 1972. They decided to utilize circle irrigation equipment in

center rotation program and wanted to remove our systems and install their circle systems. They leased the property for 15 years, and agreed to bring in circle systems. They drilled two additional wells, to accommodate their circle systems referred to as well No. 5 drilled in the SE 1/4 of Sec. 2 in 1972, and well No. 6 drilled in the SW 1/4 of Sec. 11 in 1972-1973. They installed the motors and pumps on these two additional wells, and installed booster pumps as needed at the other wells and brought on the eight pivot circle systems, using 8 wells. From time to time these systems were modified, improved and converted, such as from water drive to electric drive. Some were modified further or replaced with newer machines.

The two circle systems on the West 1/2 of Sec. 2 irrigates a larger area than the conventional 132 acre circle systems. These irrigate about 141 acres each. The improvements and modifications to these circle systems were to include end guns for more range to catch the corner areas, and also were to be equipped with extensions to allow for complete corner irrigation, so as to maintain the original 1280 acres that was always irrigated with the conventional lateral systems before the installation of the circle systems. The circle systems are now on the premises, under purchase by Victoria H. Smith, and are further described in the attached documentation relating to the present day equipment in use on the premises.

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