

# Idaho Department of Water Resources

T04N, R01W,  
S5

Claim No: 63-12323

Prepared By: Kimberly Brown

Date: October 28, 2005



Place of Use



Section Lines



1/4 1/4



Point of Diversion

Acres Irrigated = 2.0



2003 NAPP

**Ada County Assessor  
Land Records/GIS****Main Menu**

[Main Page](#)  
[Help Index](#)  
[FAQ](#)  
[About Us](#)  
[Contact Us](#)  
[Disclaimer](#)

**Property Search**

[Search by Parcel](#)  
[Search by Address](#)  
[Search by Subdivision](#)  
[Online Documents](#)

[Interactive Map](#)

**Property Details for Parcel R8108100575 and Year 2006**

2006 ▼

[Change Year](#)

[\[Back to Parcel Search\]](#) [\[Print View\]](#)

**Details**

[Valuation](#)

[Tax Districts](#)

[Characteristics](#)

**Parcel:** R8108100575

**Year:** 2006

**Zone Code:** RR

**Total Acres:** 5

**Tax Code Area:** 272

**Property Description:**

LOT 1 BLK 4

STAR ACRES SUB

**Ada County Assessor**



[View Interactive Map of this Parcel](#)

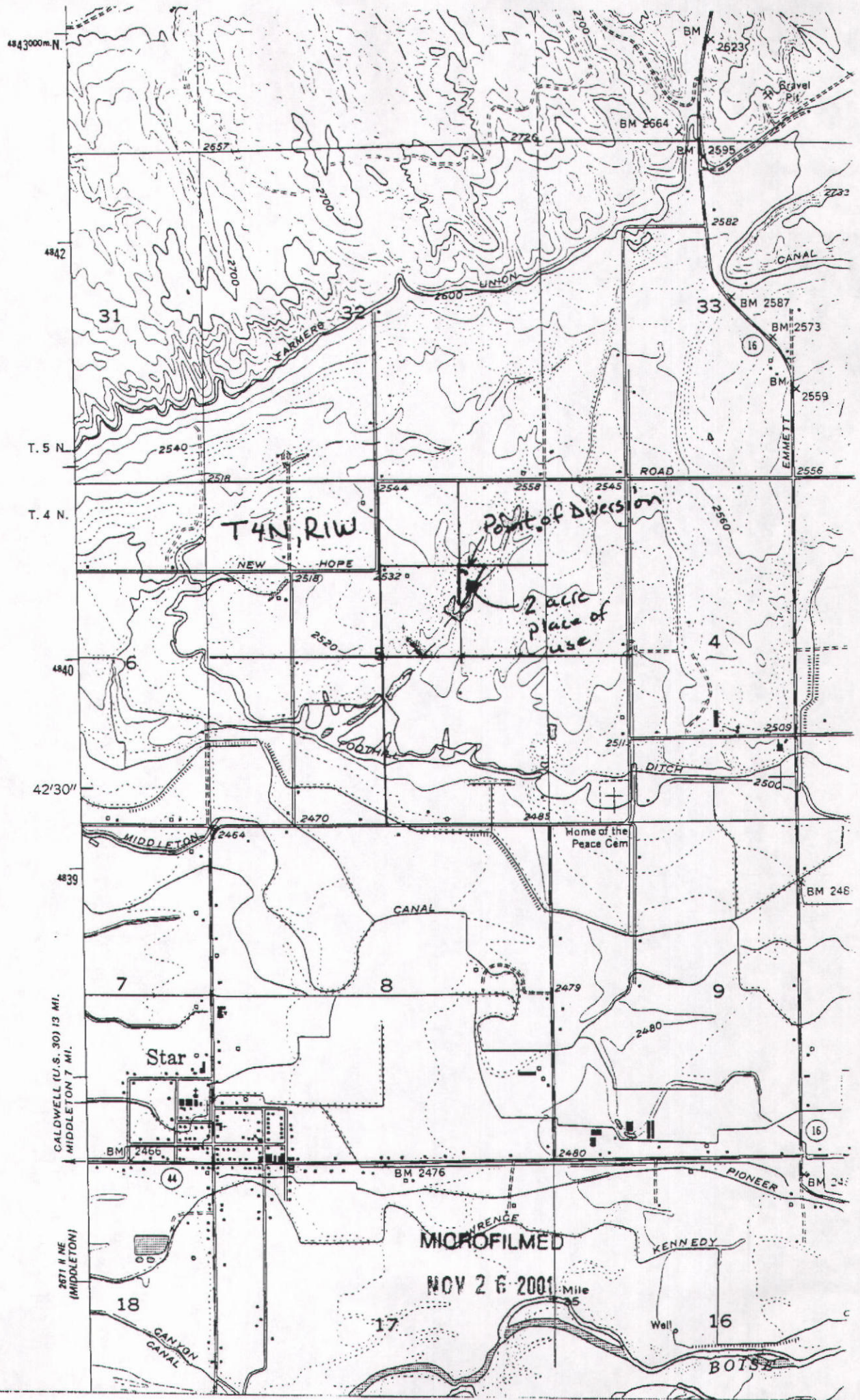
**Address:** 9999 W STAR ACRES DR STAR , ID 83669

**Subdivision:** STAR ACRES SUB

**Land Group Type:** SUB

**Township/Range/Section:** 4N1W05

[Contact Us](#) | [Disclaimer](#)



MICROFILMED

NOV 26 2001

1 Mile



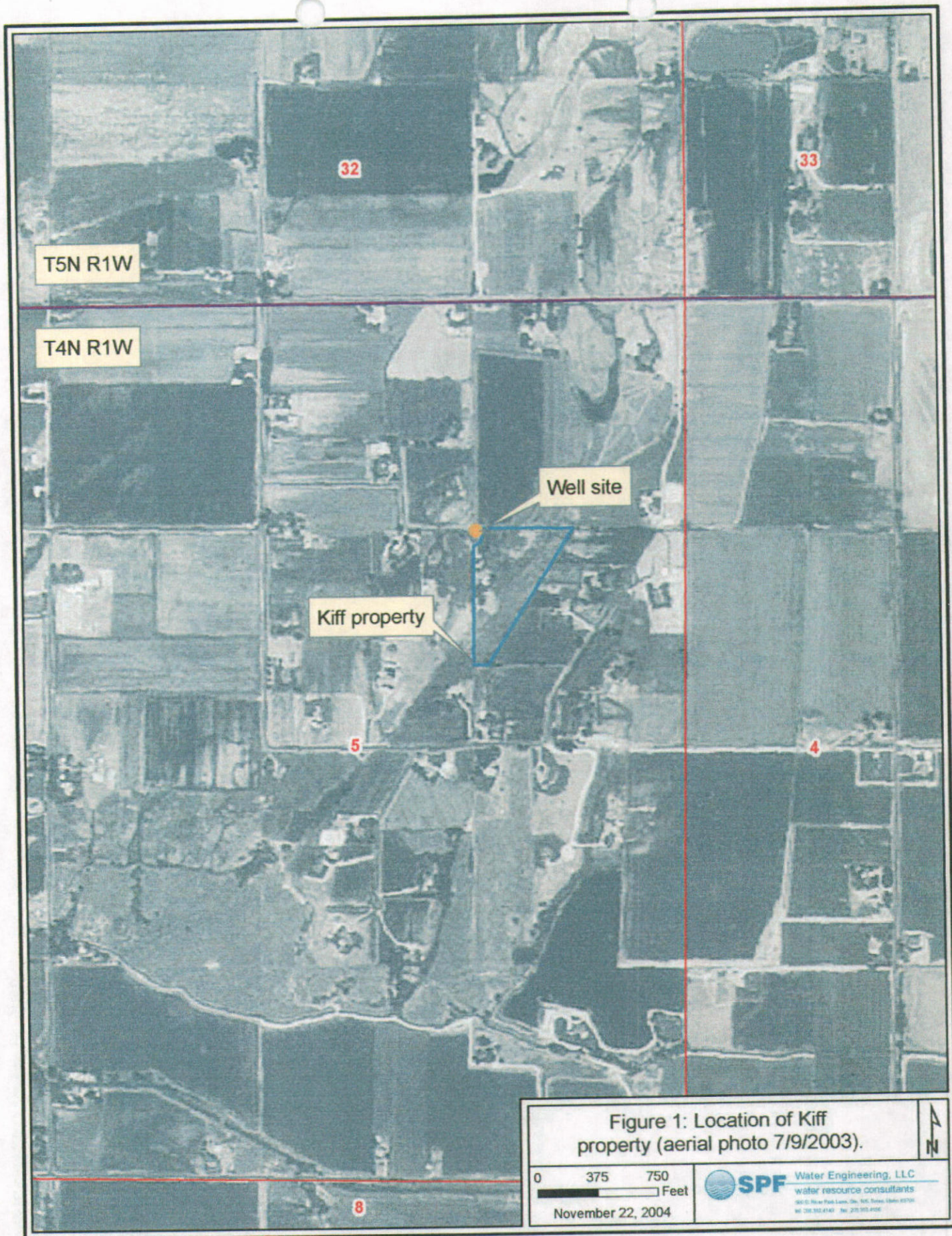




**Figure 5. View of irrigated area (in background), looking north. Non-irrigated area is in the foreground. Home is out of the picture to the left.**



**Figure 6. View of northwest corner of property looking east.**



**Figure 3. View of eastern edge of irrigated area, looking southeast. Hand line is operating. Non-irrigated area is visible in the background.**



**Figure 4. View of home from center of the irrigated area, looking southwest. Irrigated area is in the foreground.**





**Figure 7. View of orchard and turf looking south. This area is irrigated with an underground sprinkler system. Home is obscured by trees in the background.**

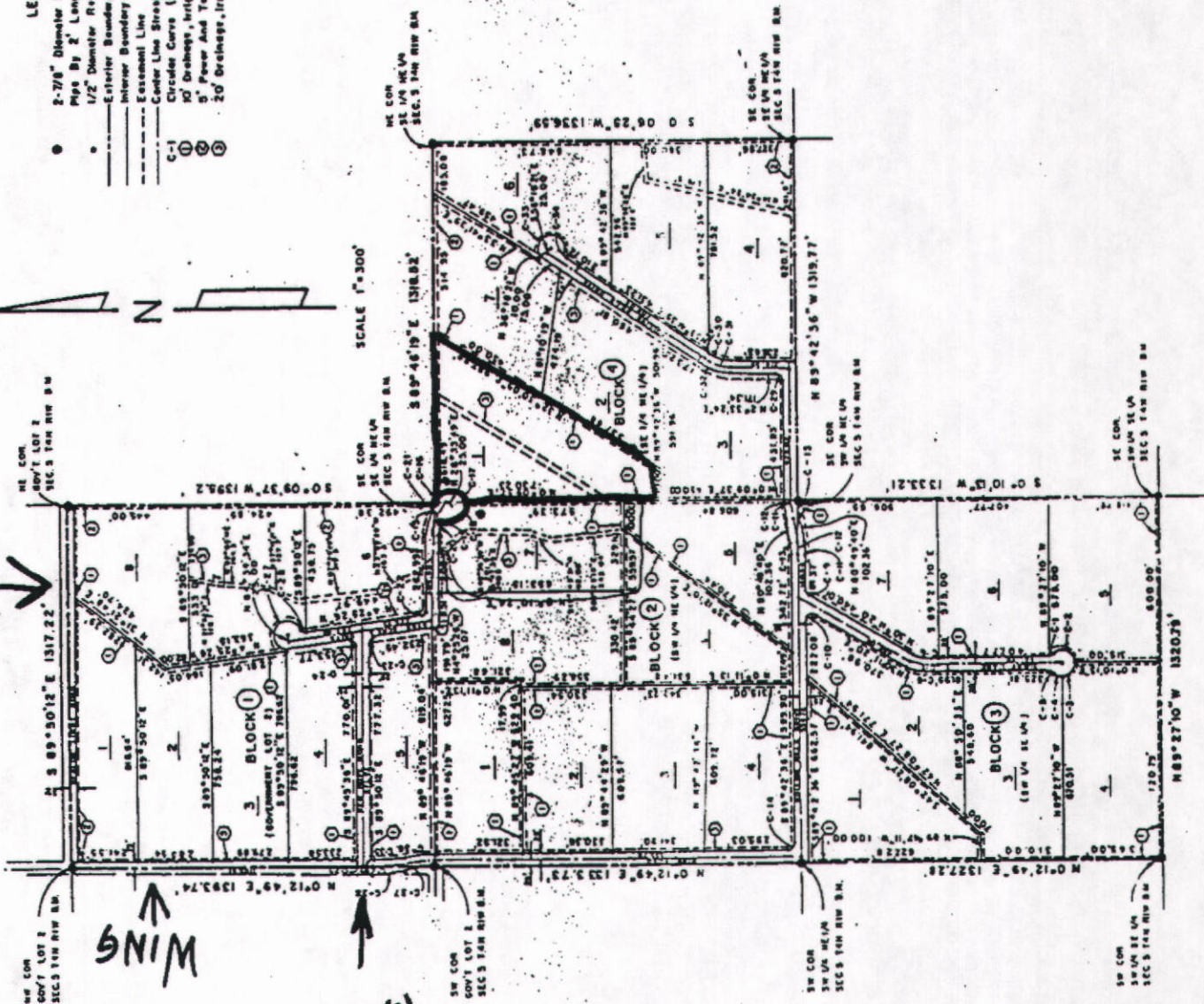
A PARTNERSHIP

BEACON LIGHT

WING

New Hope

- LEGEND
- 2-7/8" Diameter Brass Monument On 2" Diameter Pipe By 2' Long.
  - 1/2" Diameter Rebar By 2' Long
  - Exterior Boundary
  - Interior Boundary
  - Easement Line
  - Center Line Street Or Road.
  - C-1 Circular Curve (See Table)
  - ① 90' Drainage, Irrigation And Utilities Easement.
  - ② 5' Power And Telephone Easement.
  - ③ 20' Drainage, Irrigation And Utilities Easement.



STAR ACRES SUBD  
STAR, ADA COUNTY.

STATE OF IDAHO  
COUNTY OF ADA

I, RONALD M. BLANKET, a Registered Professional Engineer and State, do hereby certify that the above described land is the same as shown on the plat of the subdivision of the STAR ACRES SUBDIVISION in Ada County, Idaho, which was made by me or under my direction and control, and that the same is correctly shown on the survey as made. IN WITNESS WHEREOF, I have hereunto set my hand and the seal of my office this 23rd day of January, A.D. 1973.

STATE OF IDAHO S.  
COUNTY OF ADA

On this 23rd day of January, A.D. 1973, I, Ronald M. Blanket, a Registered Professional Engineer and State, do hereby certify that the above described land is the same as shown on the plat of the subdivision of the STAR ACRES SUBDIVISION in Ada County, Idaho, which was made by me or under my direction and control, and that the same is correctly shown on the survey as made. IN WITNESS WHEREOF, I have hereunto set my hand and the seal of my office this 23rd day of January, A.D. 1973.

Notary Public  
Residing at Caldwell, Idaho  
My Commission expires 8-25-77

I hereby certify that this instrument was filed with the County Clerk of Ada County, Idaho, on the 23rd day of January, A.D. 1973.

Recorder  
Deputy

| CURVE | MARKS | ANGLE       | BEARING         | LENGTH   | CHORD    | AREA     |
|-------|-------|-------------|-----------------|----------|----------|----------|
| C-1   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-2   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-3   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-4   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-5   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-6   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-7   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-8   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-9   | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-10  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-11  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-12  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-13  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-14  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-15  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-16  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-17  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-18  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-19  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |
| C-20  | 1200' | 23° 23' 10" | N 89° 50' 12" E | 1317.22' | 1317.22' | 1317.22' |

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 63-12323  
Date Received: 5/27/2005  
Receipt No: W032987  
Received By:

NOTICE OF CLAIM TO A WATER RIGHT  
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

JULIA KIFF Phone: (208)286-9116  
9999 W STAR ACRES DR  
STAR ID USA 83669

LLOYD F KIFF Phone: (208)286-9116  
9999 W STAR ACRES DR  
STAR ID USA 83669

2. Date of Priority: 02/06/1996

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

| Township | Range | Section | 1/4 of 1/4 of 1/4 Lot | County | Type |
|----------|-------|---------|-----------------------|--------|------|
| 04N      | 01W   | 5       | SE NE                 | ADA    |      |

5. Description of diverting works:

Well with submersible pump.

6. Water is used for the following purposes:

| Purpose    | From  | To    | C.F.S. | (or) A.F.A |
|------------|-------|-------|--------|------------|
| IRRIGATION | 03/01 | 11/15 | 0.04   | 9          |

7. Total Quantity Appropriated is:  
0.04 C.F.S. and/or 9 A.F.A.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

| Township      | Range | Section | 1/4 of 1/4 | Lot | Use        | Acres |
|---------------|-------|---------|------------|-----|------------|-------|
| 04N           | 01W   | 5       | SE         | NE  | IRRIGATION | 2     |
| Section Acres |       |         |            |     |            | 2     |
| Total Acres   |       |         |            |     |            | 2     |

11. Place of use in counties: ADA

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

13. Other Water Rights Used:

14. Remarks:

Proof of Beneficial Use and Beneficial Use field examination for permit 63-12323 was submitted to IDWR on 11/24/04. The water right is mitigated by non-diversion of water right 63-31497 (4/1/1865 priority Boise River water right for .04 cfs and 9 afa).

15. Basis of Claim: Permit

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 *763-12323*  
Date Received:  
Receipt No: *W032987*  
Received By: *DG*  
**RECEIVED**  
**MAY 27 2005**  
WATER RESOURCES  
WESTERN REGION

NOTICE OF CLAIM TO A WATER RIGHT  
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

Lloyd Kiff and/or Julia Kiff

Phone: (208) 286-9116

9999 West Star Acres Drive  
Star, ID 83669

2. Date of Priority: 2/6/1996

3. Source: Ground Water

Trib. to: NA

4. Point of Diversion:

| Township | Range | Section | 1/4 of 1/4 of 1/4 Lot | County | Type |
|----------|-------|---------|-----------------------|--------|------|
| 4N       | 1W    | 5       | SE NE                 | Ada    |      |

5. Description of diverting works:

Well with submersible pump

6. Water is used for the following purposes:

| Purpose    | From | To    | C.F.S. | (or) A.F.A |
|------------|------|-------|--------|------------|
| Irrigation | 3/1  | 11/15 | 0.04   | 9          |

7. Total Quantity Appropriated is:

0.04 cfs

8. Total consumptive use:

9. Non-irrigation uses:

NA

10. Place of use:

| TWP | RNG | SEC | NE ¼ |     |     |     | NW ¼ |     |     |     | SW ¼ |     |     |     | SE ¼ |     |     |     | totals |
|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|--------|
|     |     |     | NE¼  | NW¼ | SW¼ | SE¼ | NE¼  | NW¼ | SW¼ | SE¼ | NE¼  | NW¼ | SW¼ | SE¼ | NE¼  | NW¼ | SW¼ | SE¼ |        |
| 4N  | 1W  | 5   |      |     |     | 2.0 |      |     |     |     |      |     |     |     |      |     |     |     | 2.0    |
|     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |        |
|     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |        |
|     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |        |
|     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |        |
|     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |      |     |     |     |        |

Total number of acres irrigated 2.0

11. Place of use in counties: **Ada**

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

13. Other Water Rights Used:

**NA**

14. Remarks:

Proof of Beneficial Use and Beneficial Use Field Examination for permit 63-12323 was submitted to Idaho Department of Water Resources on November 24, 2004. The water right is mitigated by non-diversion of water right 63-31497 (4/1/1865-priority Boise River water right for 0.04 cfs and 9 afa).

15. Basis of Claim: **Permit**

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 X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: **one**

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

Signature of Claimant(s)

Julia Kyff

Date

5/26/05

Date

State of Idaho

)

County of

Ada

) SS.

)

Subscribed and sworn (or affirmed) before me this

26<sup>th</sup>

of

May 202005

Pamela M. Ewan-Stout

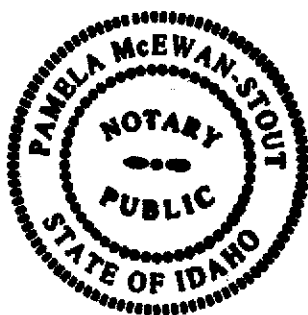
Notary Public

Residing at

3258 Norfolk Way, Boise ID 83706

My commission Expires

3/30/2011



# Idaho Department of Water Resources Receipt

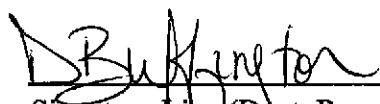
Receipt ID W032987

Payment Amount  Date Received  Region  Status   
Payment Type  Check Number

Payer Comment 

## Fee Detail

| Amount  | Description             | Fund | FD | PCA   | SO   |
|---------|-------------------------|------|----|-------|------|
| \$52.00 | ADJUDICATION FILING FEE | 0337 |    | 42503 | 1155 |



Signature Line (Dept. Representative)

11/02/2005

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: November 18, 2005

Water right number: 63-12323

JULIA KIFF  
9999 W STAR ACRES DR  
STAR ID 83669  
Telephone Number: (208)286-9116

LLOYD F KIFF  
9999 W STAR ACRES DR  
STAR ID 83669  
Telephone Number: (208)286-9116

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:

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

DATE: 18 Nov, 2005

SIGNATURE: Lloyd F. Kiff

Please print your name: LLOYD F. KIFF

IDWR Regional Office, 2735 Airport Wy, Boise, ID 83705, 2083342190

11/18/2005

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

RIGHT NUMBER: 63-12323

NAME AND ADDRESS: JULIA KIFF  
9999 W STAR ACRES DR  
STAR ID 83669

LLOYD F KIFF  
9999 W STAR ACRES DR  
STAR ID 83669

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.040 CFS  
9.000 AFY

PRIORITY DATE: 02/26/1996

POINT OF DIVERSION:

T04N R01W S5 SENE Within ADA County

PURPOSE AND  
PERIOD OF USE:

PURPOSE OF USE

PERIOD OF USE

QUANTITY

IRRIGATION

03/01 11/15

0.040 CFS  
9.00 AFY

PLACE OF USE: IRRIGATION Within ADA County

T04N R01W S05 SENE 2.0

2 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.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

Property is also known as Lot 1, Blk 4, Star Acres Subdivision.

# Idaho Department of Water Resources

**T04N, R01W,  
S5**

Claim No: 63-12323

Prepared By: Kimberly Brown

Date: October 28, 2005



Place of Use



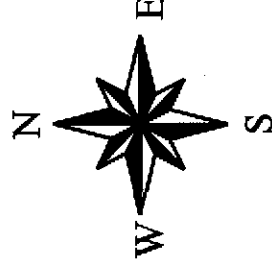
Section Lines



1/4 1/4

● Point of Diversion

**Acres Irrigated = 2.0**



**2003 NAPP**

# Mitigation

Page 1

Water Right Permit will be mitigated  
by retiring 2 AC of Boise River

## IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-12323 ✓

Water right 63-270.  
(63-31497)

WATER RIGHT NUMBER: 63-12323 ✓

Owner Type  
Current Owner  
Name and Address  
JULIA KIFF ✓  
9999 W STAR ACRES DR  
STAR, ID 83669  
(208)286-9116  
Current Owner  
LLOYD F KIFF ✓  
9999 W STAR ACRES DR  
STAR, ID 83669  
(208)286-9116

Priority Date: 02/06/1996

Basis: ~~Permit~~ ✓

Status: Active

Source

GROUND WATER ✓

Tributary

Beneficial Use

IRRIGATION ✓

From To

03/01 to 11/15 ✓

Diversion Rate

0.040 CFS ✓

Annual Volume

9.00 AF ✓

Total Diversion:

0.040 CFS ✓

9.00 AF ✓

Location of Point(s) of Diversion

GROUND WATER

ADA County ✓

SE1/4NE1/4 ✓

Sec. 5, Twp 04N, Rge 01W, B.M. ✓

Place of Use

IRRIGATION ✓

| Twp | Rge | Sec | NE  | NW | SW | SE | Totals |
|-----|-----|-----|-----|----|----|----|--------|
| 04N | 01W | 5   | 2.0 |    |    |    | 2.0    |

### Conditions of Approval:

1. Proof of Beneficial Use and Beneficial Use field examination for permit 63-12323 was submitted to IDWR on 11/24/04. The water right is mitigated by non-diversion of water right 63-31497 (4/1/1865 priority Boise River water right for .04 cfs and 9 afa).

### Remarks:

### Comments:

The land that will no longer be irrigated under 63-31497 is located in the Govt. lot 3 (NENW), S22, T04N, R01E.

ADD JOI - Place of use is also known as lot 1, Blk. 4, Star Acres Subdivision.

Parcel No: R8108100575.

\* Called Kay on 8/29/05  
& she said the file was still in the files - she will give it to someone to work on since it's in SEPA & let me know when it's completed (# 287-4953)

\* no irr. dist. H<sub>2</sub>O

①

(in office review)

**STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
ADJUDICATION FIELD REPORT**

**Prior to Field Exam**

- ☒ Copy of Claim, claim has been signed, sealed, and dated by notary?
- ☒ Check fees paid \$52.<sup>00</sup>
- ☒ Well logs (if needed)
- ☒ Copy of topo or NAPP
- ☒ Check of Govt. Lots, if needed, Govt. Plat/Tax lot information
- ☒ Check POD & POU overlap, see below – include overlapping right for exam
- ☐ Evidence of Priority – if none, talk with claimant

**CLAIMANT INFORMATION – verify contact information is complete**Claim No(s) AG3-123 23Owner: Lloyd & Julia Kiff Phone No. (208) 286-9116Current Address: 9999 W. Star Acres Dr., Star 83669

- ☐ No change NAME IS THE SAME
- ☐ NEW OWNER
- ☐ No change Address
- ☐ NEW ADDRESS
- ☐ How long owned property?

Accompanied by: N/A**PRIORITY DATE**

- ☐ No change – Complete evidence submitted or not necessary
- ☐ Incomplete – Claimant should be asked when water was first used and submit proof of date.
- ☒ Priority date is acceptable/within mandatory filing dates?

Priority date, per claimant, is: 2/6/96

(If priority date, based on your exam, seems questionable, explain below.)

The priority date was data entered in error. The permit showed a priority date of 2/6/96 but the application was not received until 2/26/96. The priority date should be 2/26.

Source: Ground Water Tributary to \_\_\_\_\_

- ☒ No Change – SAME SOURCE
- ☐ Source found is different than claimed:

**POINT OF DIVERSION**

- ☒ No change
- ☐ POD found is different than claimed:
- ☐ If different, when did POD change?

**DIVERSION AND DELIVERY SYSTEM**

Points of Diversion:

| ID # | Govt Lot # | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County | Method of Determination/Remarks<br>GPS ID |
|------|------------|-----|-----|-----|------|------|------|--------|-------------------------------------------|
|      |            |     |     |     |      |      |      |        |                                           |
|      |            |     |     |     |      |      |      |        |                                           |
|      |            |     |     |     |      |      |      |        |                                           |
|      |            |     |     |     |      |      |      |        |                                           |

Description of diverting works

See Field Exam.**OVERLAP REVIEW**Other water rights with the same point of diversion: None

Does overlap add acres or uses to existing system, increase rate of flow or volume, or other? Explain:

(see POB overlap review sheet)**WATER USES**☒ No change☐ Different Uses

Use \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Amount \_\_\_\_\_ CFS \_\_\_\_\_ AFA

Use \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Amount \_\_\_\_\_ CFS \_\_\_\_\_ AFA

Use \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Amount \_\_\_\_\_ CFS \_\_\_\_\_ AFA

**TOTAL VOLUME – Groundwater only**☐ Incomplete on claim, the total is, Amount \_\_\_\_\_ CFS \_\_\_\_\_ AFA☐ Changes found, the new total is, Amount \_\_\_\_\_ CFS \_\_\_\_\_ AFA☐ More than 1" per Acre? Yes \_\_\_\_\_ (claimant must complete excess flow sheet)**NON-IRRIGATION USES:** None☒ No change☐ Changes Exam found: Domestic # of homes \_\_\_\_\_ Stock # \_\_\_\_\_

Types \_\_\_\_\_ Additional comments: \_\_\_\_\_

**PLACE OF USE:**☒ No Change☐ Changes shown below:Parcel No: R8108100575.lot 1, Blk. 4, Star Acres Subdivision



Place of use is also known as lot 1, Bllk.4,  
Star Acres Subdivision.

Parcel No: R8108100575.

**AFTER EXAM THE FILE SHOULD CONTAIN:**

- ☒ Completed claim checklist
- ☒ Photographs of POD's and POU
- ☐ GPS readings
- ☒ Completed map and or GIS layout showing POD's and POU

DATE EXAM CONDUCTED: 11.2.05 (in office review)

FIELD EXAMINER: Kimberly Brown

IDAHO DEPARTMENT OF WATER RESOURCES  
ADJUDICATION CLAIM POU REVIEW REPORT  
ADJUDICATION CLAIM NUMBER: 63-12323

10/28/2005

1

| Right #          | Type                   | Twp            | Rge            | Sec          | QQ            | Q             | Lot | Purpose of Use        | Acres/Total    | Name                       |
|------------------|------------------------|----------------|----------------|--------------|---------------|---------------|-----|-----------------------|----------------|----------------------------|
| 120G             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 123C             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 124Q             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 125J             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 126F             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 164E             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 165M             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 98AG             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| -248             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| -297             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 2406             | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 40/29248       | DRAINAGE DIST NO 2         |
| <del>12323</del> | <del>Claim</del>       | <del>04N</del> | <del>01W</del> | <del>5</del> | <del>SE</del> | <del>NE</del> |     | <del>IRRIGATION</del> | <del>2/2</del> | <del>JULIA KIEF</del>      |
| 21729            | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 21730            | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 38/8394        | FARMERS UNION DITCH CO LTD |
| 2406             | Water Right            | 04N            | 01W            | 5            | SE            | NE            |     | IRRIGATION            | 40/29248       | DRAINAGE DIST NO 2         |
| <del>12323</del> | <del>Water Right</del> | <del>04N</del> | <del>01W</del> | <del>5</del> | <del>SE</del> | <del>NE</del> |     | <del>IRRIGATION</del> | <del>2/2</del> | <del>LLOYD F KIEF</del>    |

no overlap

IDAHO DEPARTMENT OF WATER RESOURCES  
ADJUDICATION CLAIM POD REVIEW REPORT  
ADJUDICATION CLAIM NUMBER: 63-12323

10/28/2005

1

| ater Right #        | Type                   | Twp            | Rge            | Sec          | QQ            | Q             | Lot | Source                  | Name                    |
|---------------------|------------------------|----------------|----------------|--------------|---------------|---------------|-----|-------------------------|-------------------------|
| <del>63-12323</del> | <del>Claim</del>       | <del>04N</del> | <del>01W</del> | <del>5</del> | <del>SE</del> | <del>NE</del> |     | <del>GROUND WATER</del> | <del>JULIA KIFF</del>   |
| 63-17556            | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | ANJU P LUCAS            |
| 63-20113            | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | LINDA S RODDA           |
| 63-22892            | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | LLOYD SHIELDS           |
| 63-23010            | Claim                  | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | DAVID WALTON            |
| <del>63-12323</del> | <del>Water Right</del> | <del>04N</del> | <del>01W</del> | <del>5</del> | <del>SE</del> | <del>NE</del> |     | <del>GROUND WATER</del> | <del>LLOYD F KIFF</del> |
| 63-17556            | Water Right            | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | ANJU P LUCAS            |
| 63-20113            | Water Right            | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | DAVID E CHARLTON        |
| 63-22892            | Water Right            | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | LLOYD SHIELDS           |
| 63-24123            | Water Right            | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | SUTRO CORP              |
| 63-23010            | Water Right            | 04N            | 01W            | 5            | SE            | NE            |     | GROUND WATER            | BETSY WALTON            |

no overlap



## Ada County Assessor Land Records/GIS

### Main Menu

[Main Page](#)  
[Help Index](#)  
[FAQ](#)  
[About Us](#)  
[Contact Us](#)  
[Disclaimer](#)

### Property Search

[Search by Parcel](#)  
[Search by Address](#)  
[Search by Subdivision](#)  
[Online Documents](#)

[Interactive Map](#)

## Property Details for Parcel R8108100575 and Year 2006

2006 ▾

[Change Year](#)

[\[Back to Parcel Search\]](#) [\[Print View\]](#)

[Details](#)

[Valuation](#)

[Tax Districts](#)

[Characteristics](#)

**Parcel:** R8108100575 **Ada County Assessor**

**Year:** 2006

**Zone Code:** RR

**Total Acres:** 5

**Tax Code Area:** 272

**Property Description:**

LOT 1 BLK 4

STAR ACRES SUB



[View Interactive Map of this Parcel](#)

**Address:** 9999 W STAR ACRES DR STAR , ID 83669

**Subdivision:** STAR ACRES SUB

**Land Group Type:** SUB

**Township/Range/Section:** 4N1W05

[Contact Us](#) | [Disclaimer](#)



## Ada County Assessor Land Records/GIS

### Main Menu

[Main Page](#)  
[Help Index](#)  
[FAQ](#)  
[About Us](#)  
[Contact Us](#)  
[Disclaimer](#)

### Property Search

[Search by Parcel](#)  
[Search by Address](#)  
[Search by Subdivision](#)  
[Online Documents](#)

[Interactive Map](#)

### Land Characteristics

[Back to Parcel Search](#)

Residential Acres: 5.0  
Commercial Acres: 0.0  
Other Acres Acres: 0.0  
Street: None  
Utility: None  
Water Source:  
Sewer: None  
SideWalks: N  
Curb-Gutters: N  
Topography:  
View:  
Water Influence: 3  
Water Frontage Feet: 0  
Corner: N

[Contact Us](#) | [Disclaimer](#)



## Ada County Assessor Land Records/GIS

### Main Menu

[Main Page](#)  
[Help Index](#)  
[FAQ](#)  
[About Us](#)  
[Contact Us](#)  
[Disclaimer](#)

### Property Search

[Search by Parcel](#)  
[Search by Address](#)  
[Search by Subdivision](#)  
[Online Documents](#)

[Interactive Map](#)

### Residential Characteristics

#### [Back to Parcel Search](#)

|                                  |      |
|----------------------------------|------|
| Year Built:                      | 1975 |
| Year Remodel:                    | 0    |
| Effective Age:                   | 0    |
| Construction Class:              | 5    |
| Number of Bedrooms:              | 4    |
| Number of Bathrooms:             | 3.5  |
| Number of FirePlaces:            | 1    |
| Air Conditioning:                | Y    |
| Car Storage Sq Ft #1:            | 625  |
| Car Storage Sq Ft #2:            | 0    |
| General Purpose Building Sq Ft:  | 0    |
| Porch Sq Ft:                     | 0    |
| Deck Sq Ft:                      | 189  |
| Deck Covered:                    | N    |
| Patio Sq Ft:                     | 120  |
| Patio Covered:                   | N    |
| Pool Sq Ft:                      | 1128 |
| Total Sq Ft:                     | 2716 |
| Main Floor Sq Ft:                | 2716 |
| Upper Floor Sq Ft:               | 0    |
| Finished Lower Floor Sq Ft:      | 0    |
| Unfinished Lower Floor Sq Ft:    | 0    |
| Finished Basement Floor Sq Ft:   | 0    |
| Unfinished Basement Floor Sq Ft: | 0    |
| Finished Attic Sq Ft:            | 0    |
| Unfinished Attic Sq Ft:          | 0    |

[Contact Us](#) | [Disclaimer](#)

**SPF**

Water Engineering, LLC  
water resource consultants

RECEIVED

MAY 27 2005

WATER RESOURCES  
WESTERN REGION

May 26, 2005

Jan Shurte  
Idaho Department of Water Resources  
2735 Airport Way  
Boise, ID 83705

Subject: Notice of Claim – 63-12323

Dear Jan:

On behalf of Lloyd and Julia Kiff, please find enclosed a notice of claim to water right 63-12323. The claim is for 0.04 cfs of groundwater for irrigation of 2 acres. A check for the \$52 filing fee is included.

Water right 63-12323 is currently a permit. However, proof of beneficial use has been submitted along with a beneficial use field examination.

Please contact me with any questions.

Sincerely,

Terry M. Scanlan, P.E., P.G.

State of Idaho  
Department of Water Resources  
**Water Right License**

WATER RIGHT NO. 63-12323

Priority: February 26, 1996

Maximum Diversion Rate: 0.04 CFS  
Maximum Diversion Volume: 9.0 AF

It is hereby certified that LLOYD F KIFF And JULIA KIFF  
9999 W STAR ACRES DR  
STAR ID 83669 have complied with the terms and conditions of the permit,  
issued pursuant to Application for Permit dated February 26, 1996; and have submitted Proof of  
Beneficial Use on November 26, 2004. An examination indicates that the works have a diversion  
capacity of 0.1 cfs of water from:

**SOURCE:** GROUND WATER

and a water right has been established as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL<br/>DIVERSION VOLUME</u> |
|-----------------------|----------------------|-----------------------|------------------------------------|
| IRRIGATION            | 03/01 to 11/15       | 0.04 CFS              | 9.0 AF                             |

**LOCATION OF POINT OF DIVERSION:**

GROUND WATER SE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 5, Twp 04N, Rge 01W, B.M., ADA County

**PLACE OF USE:** IRRIGATION

| Twp Rge Sec    | NE |    |    |     | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|----------------|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|                | NE | NW | SW | SE  | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 04N 01W 5      |    |    |    | 2.0 |    |    |    |    |    |    |    |    |    |    |    |    | 2.0    |
| Total Acres: 2 |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |        |

**CONDITIONS OF APPROVAL**

1. To mitigate for the depletion of water resulting from the use of water under this right and to prevent injury to senior water right holders, the right holder shall cease diverting and using water as authorized by a portion of Right 63-00270 (claimed in the Snake River Basin Adjudication (SRBA) as 63-31497) for the purpose and amount specified below. Moreover, the official record for Claim 63-31497 will be changed to show that diversion and use of water is not authorized because the right is being dedicated to mitigation purposes.

| Claim No. | Use Changed<br>to Mitigation | Mitigation<br>Rate | Mitigation<br>Volume | Mitigation<br>Acres |
|-----------|------------------------------|--------------------|----------------------|---------------------|
| 63-31497  | Irrigation                   | 0.04               | 9.0                  | 2                   |

The land that will no longer be irrigated under this right is located within Gov. Lot 3 (NENW), Section 22, Township 4N, Range 1E, B.M.

If the specified mitigation right is sold, transferred, leased, used on any place of use, or is not deliverable due to a shortage of water or a priority call, then the amount of water authorized for diversion under this right shall be reduced by the same proportion as the reduction to the mitigation right.

If SRBA claim 63-31497 is not confirmed by the SRBA court, then the right holder shall implement an alternative mitigation plan approved by the Department or shall cease diverting water under this right.

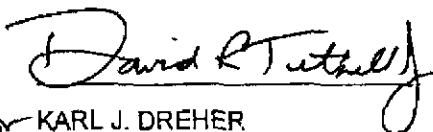
State of Idaho  
Department of Water Resources  
**Water Right License**

WATER RIGHT NO. 63-12323

2. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 63.
3. Upon specific notification by the Department, the right holder shall install a lockable device of a type acceptable to the Department in a manner that will provide the watermaster suitable control of the diversion.
4. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands above.
5. Noncompliance with any condition of this right, including the requirement for mitigation, is cause for the director to issue a notice of violation, cancel or revoke the right, or, if the right is included in a water district, request that the watermaster curtail diversion and use of water.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 29<sup>th</sup> day of September, 2005.

  
for KARL J. DREHER  
Director

State of Idaho  
Department of Water Resources  
**Permit to Appropriate Water**

NO. 63-12323

Priority: 02/06/1996

Maximum Diversion Rate: 0.04 CFS

This is to certify, that LLOYD F KIFF  
9999 W STAR ACRES DR  
STAR ID 83869

And

JULIA KIFF  
9999 W STAR ACRES DR  
STAR ID 83869

has applied for a permit to appropriate water from:

**Source:** GROUND WATER

and a permit is APPROVED for development of water as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> |
|-----------------------|----------------------|--------------------------|
| IRRIGATION            | 03/01 to 11/15       | 0.04 CFS                 |

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SE 1/4 NE 1/4 Sec. 5, Twp 04N, Rge 01W, B.M. ADA County

PLACE OF USE: IRRIGATION

| Twp | Rge | Sec | NE |    |    |     | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE  | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 04N | 01W | 5   |    |    |    | 2.0 |    |    |    |    |    |    |    |    |    |    |    |    | 2.0    |

Total Acres: 2

1. Proof of application of water to beneficial use shall be submitted on or before September 1, 2006.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. Water shall not be diverted and beneficially used under this right unless water is available for mitigation purposes under the portion of Right 63-270 (currently in the name of Sylvan &/or Barbara Williamson) purchased by the right holder as evidenced by the water right purchase and sales agreement dated 5/3/2001. Such water right used for mitigation purposes shall be left wholly undiverted in the Boise River to offset depletions caused by use under this permit. Failure to comply with these provisions is cause for immediate cancellation of this permit.

MICROFILMED

NOV 26 2001

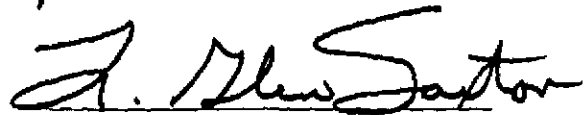
State of Idaho  
Department of Water Resources  
**Permit to Appropriate Water**

NO. 63-12323

CONDITIONS OF APPROVAL

6. The permit holder is not authorized to assign ownership of this permit or the part of the Williamson water right used for mitigation without prior written approval of the department. In its consideration of a request for assignment, the department will review the permit holders diligence in the development of a water right and the extent of development performed under terms of the permit.
7. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands above.
8. Water bearing zone to be appropriated is 50 to 150 feet.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code. Witness the signature of the Director, affixed at Boise, this 14<sup>th</sup> day of September, 2001.



KARL J DREHER, Director

for

MICROFILMED  
NOV 26 2001

RECEIVED

SEP - 5 2001

Department of Water Resources

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**APPLICATION FOR PERMIT**

To appropriate the public waters of the State of Idaho

Ident. No. 63-12323

(amendment)

RECEIVED

MAY 23 2001

WATER RESOURCES  
WESTERN REGION

1. Name of Applicant Lloyd F. Kiff and Julia L. Kiff Phone 208-286-9116  
Mailing address 9999 West Star Acres Drive, Star, ID 83669
2. Source of water supply ground water which is a tributary of NA
3. Location of point of diversion is Township 4N Range 1W Sec. 5 in the NW 1/4, SE 1/4, NE 1/4, Govt. Lot       , B.M., Ada County;  
additional points of diversion if any:
4. Water will be used for the following purposes:  
Amount 0.04 for irrigation purposes from 3/1 to 11/15 (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)  
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 is (a) 0.04 and/or (b)         
cubic feet per second acre feet per annum
6. Proposed diverting works:
  - a. Describe type and size of devices used to divert water from the source well with electric submersible pump
  - b. Height of storage dam        feet; active reservoir capacity        acre-feet; total reservoir capacity        acre-feet
  - c. Proposed well diameter is 6 inches; proposed depth of well is 150 feet
  - d. Is ground water with a temperature of greater than 85°F being sought? no
  - e. If well is already drilled, when?       ; Drilling firm       ;  
Well was drilled for (well owner)       ; Drilling Permit No.
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
  - a. Hydropower; show total feet of head and proposed capacity in KW.
  - b. Stockwatering; list number and kind of livestock.
  - c. Municipal; show name of municipality.
  - d. Domestic; show number of households.
  - e. Other; describe fully.

MICROFILMED

MAY 26 2001

9. 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 the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| TWP | RGE | SEC | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | TOTALS |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 4N  | 1W  | 5   |    |    |    | 2  |    |    |    |    |    |    |    |    |    |    |    |    | 2      |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |

Total number of acres to be irrigated 2

10. Describe any other water rights used for the same purposes as described above. none

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

b. Who owns the land to be irrigated or place of use? applicant

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: \_\_\_\_\_

12. Remarks: This amended application proposes the following changes to Application for Permit No. 63-12323 (2/26/1996 priority date): (1) change diversion rate and acres from 0.16 cfs and 8 acres to 0.04 cfs and 2 acres, (2) correct place of use and point of diversion location (SENE rather than SWNE), and clarify applicant's name (adding Julia Kiff). Water right permit will be mitigated by retiring 2 acres of Boise River water right 63-00270. Water-bearing zone is 50 to 150 feet.

13. MAP OF PROPOSED PROJECT REQUIRED - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

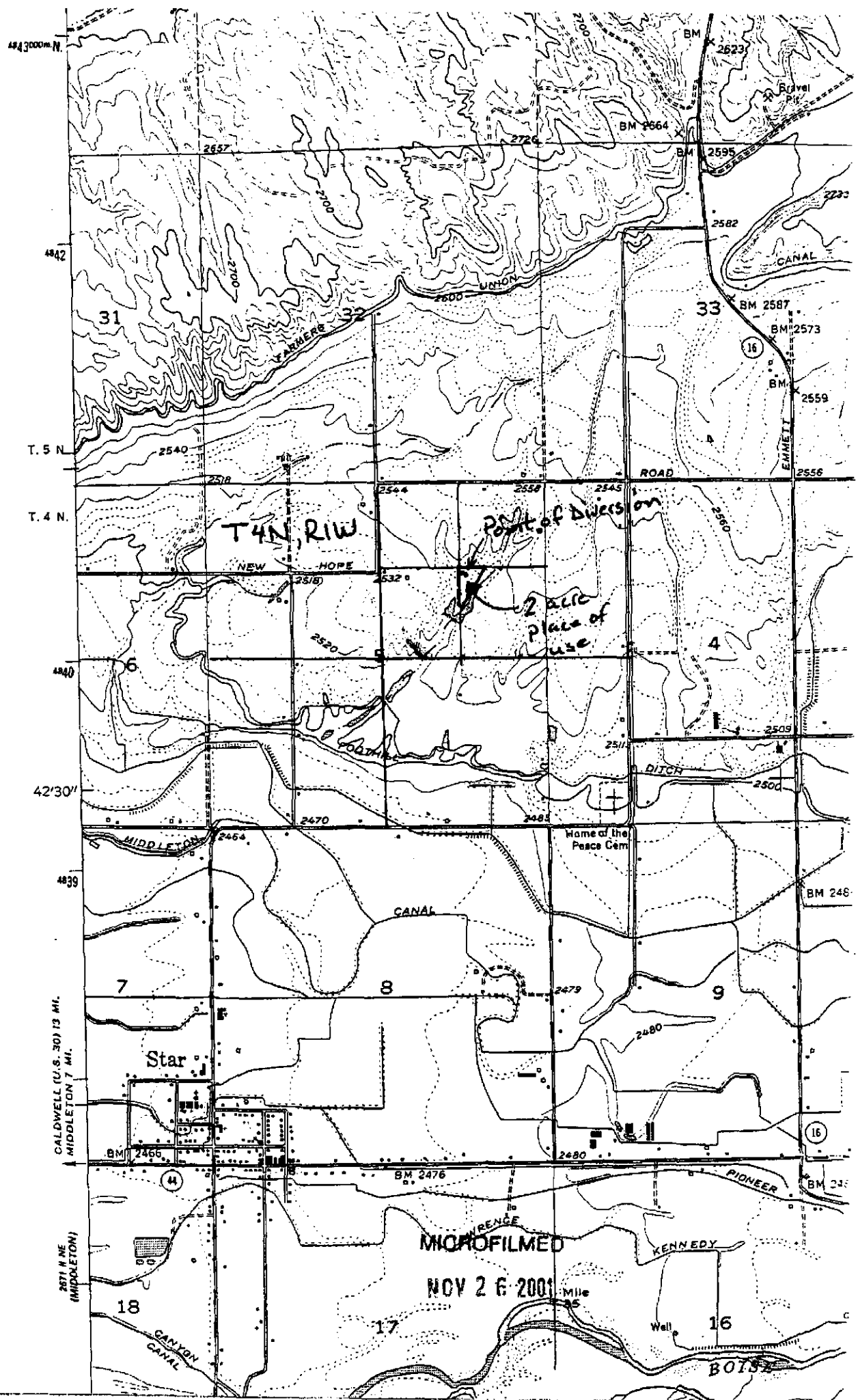
BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Lloyd S. Kiff  
Julia L. Kiff  
 Signature of Applicant (and title, if applicable)

Received by PL for Lm Date 5/23/01 Time 12:19 Preliminary check by DAN  
 Fee \$ \_\_\_\_\_ Received by \_\_\_\_\_ # \_\_\_\_\_  
 Publication prepared by ST Date 7-5-01 Published in THE IDAHO STATESMAN  
 Publication approved 7-17-01 MICROFILMED

NO \$ RECEIVED 5/23/01

NOV 26 2001



STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

RECEIVED

OCT 30 2000

WATER RESOURCES  
WESTERN REGION

ASSIGNMENT OF APPLICATION FOR PERMIT

*changed at 10-30-00*  
I, DAVID H. ROYLANCE, hereby assign to Lloyd F. Kiff

of, 9999 West Star Acres Drive, Star, ID 83669  
(Full Address)

All my right, title, and interest in and to Application for Permit  
No. 63-12323 to appropriate the public waters of the State of Idaho.

OR (for partial assignments)

The following described portion of my right, title, and interest in and to  
Application for Application for Permit No. \_\_\_\_\_ to appropriate the public  
waters of the State of Idaho.

Describe portion of the application assigned listing the number of acres in each 40 acre  
subdivision, point of diversion location, and the amount of water in cubic feet per second.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

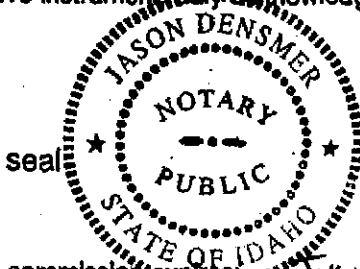
26 D.R. Oct D.R.  
Made this 28 day of Oct, ~~1999~~ 2000

[Signature]  
Applicant

State of Idaho )

County of ADA ) ss

On this 26<sup>th</sup> day of OCTOBER, 2000, personally appeared before me the signer of the  
above instrument, David H. Roylance, who acknowledged to me that he (she) (they) executed the same.



Jason Densmer  
Notary Public

RESIDING AT: BOISE, ID

My commission expires July 12, 2006

MICROFILMED

NOV 26 2001

ORIGINAL

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
APPLICATION FOR PERMITIdent. No. 63-12323

RECEIVED

To appropriate the public waters of the State of Idaho

FEB 26 1996

WATER RESOURCES  
WESTERN REGION1. Name of applicant DAVID H. ROYLANCE Phone 208-286-9600Post office address 9999 Star Acres Dr., Star, Idaho 836692. Source of water supply Ground water which is a tributary of N/A3. Location of point of diversion is SW  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of —  $\frac{1}{4}$  Govt. Lot —Sec. 5 Township 4N Range 1W B.M. ADA County; additionalpoints of diversion if any: —

4. Water will be used for the following purposes:

Amount .16 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 is (a) — and/or (b) —  
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well's Automatic Sprinkler  
Systemb. Height of storage dam NA feet; active reservoir capacity NA acre-feet; total  
reservoir capacity NA acre-feet; period of year when water will be diverted to storage:  
NA to NA inclusive.c. Proposed well diameter is 8" inches; proposed depth of well is 100-150 feet.d. Is ground water with a temperature of greater than 85°F being sought? NOe. If well is already drilled, when? N/A; Drilling firm —;Well was drilled for (well owner) —7. Time required for the completion of the works and application of the water to beneficial use is5 YRS years (minimum 1 year).

MICROFILMED

NOV 26 2001

2  
8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. N/A
- b. Stockwatering; list number and kind of livestock. \_\_\_\_\_
- c. Municipal; show name of municipality. \_\_\_\_\_
- d. Domestic; show number of households. \_\_\_\_\_
- e. Other; describe fully. \_\_\_\_\_

9. 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 the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| 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 |        |
| T4N | R1W   | 5    |        |        | 8      |        |        |        |        |        |        |        |        |        |        |        |        |        | 8      |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |       |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

Total number of acres to be irrigated 8

10. Describe any other water rights used for the same purposes as described above. NONE

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

b. Who owns the land to be irrigated or place of use? DAVID H. ROYLANCE

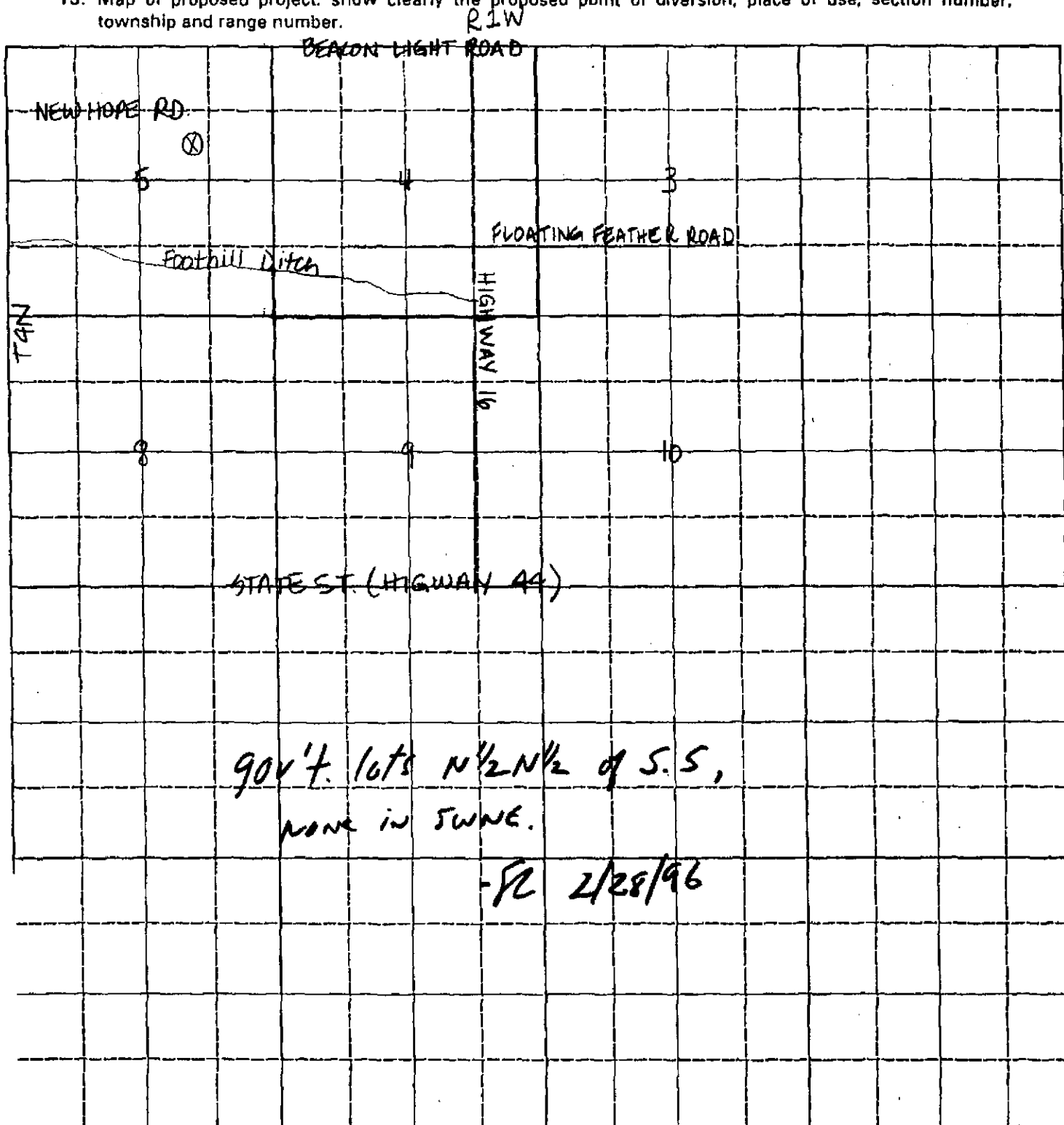
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. \_\_\_\_\_

12. Remarks: Proposed use is for landscaping and auto matic  
sprinkler system. Well will not be used for any  
other purpose. The well will irrigate approximately  
acres. } place this  
 "in  
 Comments"  
 -FL  
 2/28/16

MICROFILMED

NOV 26 2001

13. 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.

MICROFILMED

NOV 26 2001

*[Signature]*  
(Applicant)

Received by VR Date 6-9-96 Time 11:30am Prelimi. check by SR  
Fee \$ 50-- Receipted by VR # WO 20465 Date 2-26-96  
Publication prepared by \_\_\_\_\_ Date \_\_\_\_\_ Published in \_\_\_\_\_  
Publication approved \_\_\_\_\_ Date \_\_\_\_\_

### 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. \_\_\_\_\_, and said application is hereby \_\_\_\_\_.

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 \_\_\_\_\_, 19 \_\_\_\_.
- 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. The water right acquired under this permit if 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 permit 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 permit.
- e. Other:

MICROFILMED

NOV 26 2001

Reviewed by Sharla Curtis on 9/10/01

AREA OF CONCERN: No/Yes      Moratorium      ~~GWMA~~      ~~TRUST/NON-TRUST~~

## DRILLING PERMIT

~~WMP~~

**LOCATION:**

**USES:**

**RIVER BASINS:** (SW special considerations)

**USES:**

## MUNICIPAL

BENEFICIAL USE DUE: 9 / 01 / 2006

**MISC CONDITIONS/REMARKS:**

Multiple pd's per ¼ - W32  
Subd lot desc (pd) - W59  
Subd lot desc (pu) - W60  
Use definitions - W02 example - S/50 range  
Pre-1987 development - 068-074 (allow 120 days for proof due)  
Single p/d intended - 076

IRRIGATION SEASON 3/1 - 11/15 (Per updated map)

IRR VOLUME/ACRE 4.5

OTHER CONDITIONS/REMARKS With bearing zone 50-150 ft.

## COMMENTS

DEPARTMENT OF WATER RESOURCES  
APPROPRIATION APPLICATION ANALYSIS SHEET

SEP - 5 2001

Department of Water Resources

INITIAL REVIEW BY: SL QAN DATE: 6-19-01 APPLICATION: 63-12323

REQUIRED INFORMATION

- ☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)  
☒ Address:  
☒ Source: (See USGS Quad for names of water sources)  
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)  
☒ County:  
☒ Quantity: (flow and/or volume)  
☒ Period of use:  
☒ Nature of proposed use: (Include description of use)  
☒ Description of diverting works:  
☒ Time required for beneficial use of water:  
☒ Place of use or acres irrigated:  
☒ Map: (show T, R, S, QQ &/or QQQ)  
☒ Subdivision plat: (for > 1 home in restricted area,  $\geq$  5 homes in non-restricted area)  
☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)  
Correct fee paid
- Gov't. Lots:  
NO P/D  
NO P/U

ADDITIONAL INFORMATION

YES NO

- ☒ Overlapping place of use: (Describe source & relationship to present application on next page.)  
☒ Overlapping point of diversion.  
☒ Critical groundwater area:  
☒ Groundwater management area:  
☒ 1992 moratorium: mitigation has been proposed  
☒ Surface water source, IDFG letter needed.  
☒ Protected river or minimum flow reach, notify water planning bureau.  
☒ E-mail to SCA staff: (perennial stream, non-pump diversion &/or any mining).  
☒ E-mail to Dam Safety staff: (for any storage)  
☒ Mitigation plan: Check any that apply.  
☒ immediate = acceptable plan required and submitted. see attached letter  
future = open areas, acceptance of condition of approval is in file.  
☒ Send power requirement letter &/or fish farm requirement letter.  
☒ Power residency affidavit:  
☒ Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)  
☒ \*REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

Need completed change of ownership  
Form.

Date Requested \_\_\_\_\_ Date Response Received \_\_\_\_\_

## PROCESSING

APP. NO. \_\_\_\_\_

YES NO

☒

In form for advertising:

☒

Statewide advertising: (&gt; 10 cfs &amp;/or 1000 af)

☒

Fee amount, receipt number and date recorded on application:

SEND COPIES TO: NOTE IF E-MAIL COMMENT LETTER USED.

YES NO

☒

I.D. Health &amp; Welfare

☒

I.D. District Health

☒

I.D. Fish &amp; Game

☒

I.D. Lands

YES NO

☒

U.S. BLM

☒

U.S. Forest Service

☒Water Dist. # 63☒

Water Planning Bureau

☒

Other \_\_\_\_\_

## FINAL REGIONAL PROCESSING REVIEW:

YES NO

☒

Affidavit of publication received:

☒

Application published correctly: If not, record action taken.

☒

Publication dates and paper recorded on application:

☒Final date for protest 7-23-01 8-6-01☒

Protests received.

☒

Recommendations attached:

☒

Measuring device required:

☒

Water delivered by water master? District #

☒Special conditions of approval or cover letter: 04b, Acceptable mitigationplan was submitted

See below for additional information

Recommended Date or Priority 5/23/01Recommended by: GayDate: 9/1/01

## ADDITIONAL INFORMATION:

63-11353, 63-9115 OVERLAP P/D anda group of adjudication files forDomestic use, none seem significant.FARMERS UNION DITCH OVERLAPS P/D BUTNone seem significant

# SCANLAN ENGINEERING

Groundwater and Environmental Engineering

May 22, 2001

Gary Spackman  
Western Region Manager  
Idaho Department of Water Resources  
2735 Airport Way  
Boise, ID 83705

RECEIVED

MAY 23 2001

WATER RESOURCES  
WESTERN REGION

Subject: Amended Application for Permit 63-12323 – Lloyd and Julia Kiff

Dear Gary:

Enclosed please find an amended application for permit proposing irrigation of 2 acres located northeast of Star from a groundwater source. The amendments included reducing diversion rate and area irrigated from 0.16 cfs to 0.04 cfs and 8 acres to 2 acres, respectively. The place of use and point of diversion have been corrected (they were previous listed in the adjacent quarter-quarter), and the applicant's name has been clarified (Julia Kiff was added).

The proposed point of diversion is located within Basin 63. Groundwater at this location is tributary to the Boise River.

The applicants, Lloyd and Julia Kiff, propose mitigating this water right permit by retirement of 2 acres of irrigation water right 63-00270. Water right 63-00270 is an 1865-priority Boise River water right for irrigation of lands on Eagle Island. The applicants have purchased the 2 acres of water right from Sylvan and Barbara Williamson. A copy of the purchase agreement is enclosed.

Retirement of 2 acres of water right 63-00270 will fully mitigate any depletion to the Boise River resulting from the development of the proposed permit. Therefore, we request that this application for permit be exempted from the administrative hold on processing of applications for permit in Basin 63.

Please contact me with any questions or comments.

Sincerely,



Terry M. Scanlan, P.E., P.G.

Enclosures

Cc: Lloyd Kiff  
Jeff Fereday

mitigation  
Plan

MICROFILMED  
MAY 23 2001

600 East River Park Lane, Suite 105  
Boise, Idaho 83706

Telephone (208) 383-4140  
Facsimile (208) 383-4156

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 463-00270

Date Received

Receipt Number W003463

RECEIVED

JUL 8 7 2001

WATER RESOURCES  
WESTERN REGION

NOTICE OF CLAIM  
TO A  
WATER RIGHT  
ACQUIRED UNDER STATE LAW

AMENDED

Please type or print clearly

1. Name of Claimant (s) SYLVAN +/or BARBARA WILLIAMSON Phone (208) 939-6287

Mailing Address 850 WILLIAMSON LN EAGLE ID 83616 Zip 83616

2. Date of Priority (Only one (1) per claim) 4/1/1965

3. Source of water supply (a) BOISE RIVER  
which is tributary to (b) SNAKE RIVER

4. a. Location of existing point of diversion is: Township 4N Range 1E Section 22.

1/4 of SW 1/4 of NE 1/4, Govt. Lot 6 B.M. County of ADA

Additional points of diversion if any: \_\_\_\_\_

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

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_, 1/4 of \_\_\_\_\_ 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, Weirs, 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. WING DAM, DITCH

MICROFILMED

NOV 25 2001

Exhibit A

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For IRRIGATION purposes from 2/1 to 11/15 amount 6 or \_\_\_\_\_

For \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ amount \_\_\_\_\_ or \_\_\_\_\_

For \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ amount \_\_\_\_\_ or \_\_\_\_\_

For \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ amount \_\_\_\_\_ or \_\_\_\_\_

7. Total quantity claimed (a) 6 (cfs) and/or (b) 1350 (acre feet)

8. Total consumptive use claimed is \_\_\_\_\_ acre feet per annum.

9. Non-irrigation uses: describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) \_\_\_\_\_

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 |
|-----|-----|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|     |     |     | NE 1/4 | NE 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NE 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NE 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NE 1/4 | SW 1/4 | SE 1/4 |        |
| 4N  | 1E  | 15  |        |        |        |        |        |        |        |        | 4      | 35     | 10     |        |        |        |        |        | 49     |
|     |     | 16  |        |        |        |        |        |        |        |        |        |        |        | 25     | 5      | 35     | 35     |        | 100    |
|     |     | 21  | 35     | 15     |        | 5      |        |        |        |        |        |        |        |        |        |        |        |        | 55     |
|     |     | 22  |        |        |        |        | 38     | 38     | 5      | 15     |        |        |        |        |        |        |        |        | 96     |
|     |     |     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |     |     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |     |     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

Total number of acres irrigated 300

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

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.

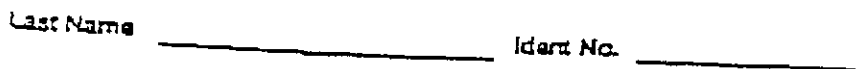
13. Describe any other water rights used at the same place and for the same purposes as described above. \_\_\_\_\_ or None (✓)

14. Remarks:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Last Name \_\_\_\_\_ Ident No. \_\_\_\_\_

MICROFILMED  
MAY 26 2001

Scale: 2 inches equals 1 mile



NOV 26 2001

15. Basis of Claim (check one) Beneficial Use        Posted Notice        License        Permit         
If applicable provide IDWR Water Right Number 63-00270  
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        do not        wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments       

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

Signature of Claimant (s) Barbara Williamson Date 7-5-2000  
       Date       

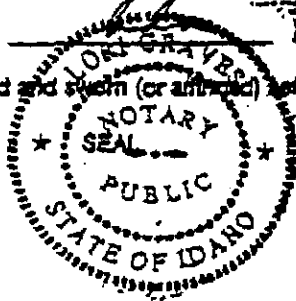
For Organizations: I do solemnly swear or affirm that I am        Title         
of        Organization       , that I have signed the foregoing  
document in the space below as        Title        of        Organization         
and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent       

Title and Organization        Date       

State of Idaho/or        33.  
County of       

Subscribed and sworn (or affirmed) before me this 5<sup>th</sup> day of July, 2000  
Notary Public Doni Channer  
Residing at Bain  
My Commission Expires 6/18/04  
Please Print Name       



17. Notice of Appearance:

Notice is hereby given that I,        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       

Address       

Date       

Last Name        Ident. Number       

MICROFILMED  
NOV 26 2001

## **EXHIBIT B**

The two acres to be removed from irrigation as part of this water right purchase and sale shall be removed from the NE 1/4 of Section 22, T4N, R1E. The sale of two acres of irrigation water right will reduce the irrigated area claimed under water right A63-00270 by 2 acres. The irrigated acres within the NE 1/4 of the NW 1/4 of section 22 claimed by A63-00270 will be reduced by 2.

MICROFILMED  
NOV 25 2001

**NOTICE OF CORRECTION FOR  
APPLICATION FOR PERMIT No. 63-12323**

**LLOYD F. AND JULIA L. KIFF** of 9999 West Star Acres Dr., Star, ID 83669 applied for an Application for permit pursuant to I.C. § 42-203A. The applicant's name and the date filed was incorrectly published in the original legal notice on July 5<sup>th</sup> and 12<sup>th</sup>. The corrected notice is as follows:

**Permit No. 63-12323**, Groundwater, Date Filed 02/26/1996, 0.04 cfs for Irrigation use from 03/01 to 11/15 for 2 acres, Place of use and diversion point in SENE S5 T4N R1W, Ada County.

Any protests against approval of this application must be filed with the Idaho Department of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705-5082, together with a protest fee of \$25 for each application on or before August 6, 2001. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published in the Idaho Statesman July 19 & 26, 2001.

*E-mailed 7-11-01 st*

MICROFILMED  
NOV 25 2001

Keen, Shelley

To File 63-12323

To: info@spfwater.com  
Cc: Lester, Steve; Shurte, Jan  
Subject: For Terry Scanlan – Use of 63-31497 as mitigation for 63-12323 (Kiff)

Terry,

I am responding to the question you sent Steve Lester about changing the place of use of the Kiff mitigation right to the Kiff property.

As you know, IDWR's ideas about recording mitigation have been evolving for several years. When the Kiff permit was processed in 2001, IDWR was not requiring changes to the mitigation rights other than the ownership change. Then, for a brief time IDWR was requiring transfers to change the nature of use of all mitigation rights. Today, if the mitigation will occur through non-use of the mitigation right, IDWR will issue the permit with a condition that the nature of use of the mitigation right will be changed in the water rights database. IDWR believes it can do this without a transfer application because non-use of the right for mitigation purposes is not really a change in use. If the right holder disagrees with the change in nature of use on the mitigation right, he or she can petition for reconsideration of the permit approval.

IDWR is not requiring that the right holder change the place of use for the mitigation right. However, if the right holder wants to change the place of use on the mitigation right, he or she can file an application for transfer. The advantages of the change would be a clearer indication of the ownership of the right and an obvious link to the permit which it mitigates.

In the Kiffs' situation, IDWR will probably change the nature of use of the mitigation right (SRBA claim) when it issues a water right license for the permit. If the Kiffs want to change the place of use for the mitigation right to their property, they should file an application for transfer.

Please call if you want to talk it over some more.

Shelley Keen  
Water Right Permits Section  
Idaho Dept. of Water Resources  
208-287-4947  
shelley.keen@idwr.idaho.gov

SW Kiff

**Beneficial Use Field Report**  
**By Terry M. Scanlan, P.E., P.G.**  
**Certified Water Rights Examiner No. 00-129**

**A. GENERAL INFORMATION****RECEIVED**

1. Current Owner: Lloyd F. Kiff  
 9999 West Star Acres Drive  
 Star, ID 83669  
 (208)286-9116

**NOV 26 2004**WATER RESOURCES  
WESTERN REGION

And

Julia Kiff  
 9999 West Star Acres Drive  
 Star, Idaho 83669  
 (208)286-9116

2. Accompanied by: Lloyd Kiff  
 Phone No:  
 Address:  
 Relationship to Permit Holder

3. Source Tributary  
 Ground Water

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: none  
 2. Other water rights with same point of diversion: none

**C. DIVERSION AND DELIVERY SYSTEM**

1. Location of Points of Diversion  
 Ground Water SENE Section 5, T4N, R1W, B.M. Ada County

Method of Determination: Field Exam, Arc View Map

2. Place of Use: Irrigation

| Twp | Rge | Sec | NE ¼ |    |    |     | NW ¼ |    |    |    | SW ¼ |    |    |    | SE ¼ |    |    |    | Totals |
|-----|-----|-----|------|----|----|-----|------|----|----|----|------|----|----|----|------|----|----|----|--------|
|     |     |     | NE   | NW | SW | SE  | NE   | NW | SW | SE | NE   | NW | SW | SE | NE   | NW | SW | SE |        |
| 4N  | 1W  | 5   |      |    |    | 2.0 |      |    |    |    |      |    |    |    |      |    |    |    | 2.0    |

Total Acres: 2.0 Ada County

Method of Determination: Field Exam, Arc View Map

3.

- Y Delivery system diagram attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable. (Figure 2)
- Y Map attached showing locations(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater. (Figure 2)
- Y Aerial photo attached (required for irrigation of 10+ acres). (Figure 2)
- Y Photo of diversion and system attached. (Figure 2)

4.

| Well or<br>Diversion<br>I.D. No. | Motor<br>Make | Hp | Motor<br>Serial No. | Pump<br>Make                 | Pump<br>Serial No. |
|----------------------------------|---------------|----|---------------------|------------------------------|--------------------|
|                                  | Franklin      | 3  |                     | Jacuzzi 3S445-11 submersible |                    |

**D. FLOW MEASUREMENTS****1. Measurement Equipment**

| Type           | Make | Model<br>No. | Serial<br>No. | Size | Calib. Date |
|----------------|------|--------------|---------------|------|-------------|
| Sprinkler gage |      |              |               |      |             |

2. Measurements: sprinkler pressure 10 psi at upper end of handline

**E. FLOW CALCULATIONS**

11 dual-nozzle impact-style sprinkler heads with 3/16 and 5/32 nozzles — 5 gpm per head at 10 psi nozzle pressure = 55 gpm (0.12 cfs)

Pump Curve: Rated at 44 gpm (0.10 cfs) at 60 psi (normal sprinkler pressure) from a pumping water level of 60 feet

Limited to 0.04 cfs by permit

**F. VOLUME CALCULATIONS****1. Volume Calculation for Irrigation**

$$V_{I.R.} = (\text{acres irrigated}) \times (\text{irrigation requirement}) = 2.0 \times 4.5 = 9.0 \text{ afa}$$

$$V_{D.R.} = (\text{diversion rate}) \times (\text{day in irrigation season}) \times 1.9835 \\ = 0.04 \times 260 \times 1.9835 = 20.6 \text{ afa}$$

$$V = \text{smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9.0 \text{ afa}$$

**2. Volume Calculations for Other Uses:**

none

**G. NARRATIVE/REMARKS/COMMENTS**

Permit 63-12323 is authorized for irrigation of 2 acres from a groundwater source at a diversion rate of 0.04 cfs. Point of diversion and place of use are located in the SENE of Section 5, T4N, R1W. Season of use is March 1 to November 15.

Permit holders are Lloyd F. Kiff and Julia Kiff, who reside at 9999 West Star Acres Drive, Star, Idaho 83669 (i.e., the location of the place of use and point of diversion). The permit was approved on September 14, 2001 and Proof of Beneficial Use is due on September 1, 2006.

Permit 63-12323 is mitigated by a 2-acre portion of water right 63-270. The Kiffs have retained ownership of the water right for that purpose.

The entire property comprises approximately 5 acres and is located within the SENE of Section 5, T4N, R1W (Figure 1). The parcel is Lot 1 of Block 4 of Star Acres Subdivision.

A beneficial use field examination was conducted on September 30, 2004 by Terry M. Scanlan, P.E., P.G. The examination found 2.0 acres irrigated under water right permit 63-12323 from a well source with a water-bearing zone of 50 feet to 100 feet. A separate well on the property is used for domestic purposes, including irrigation of 0.5 acres of landscape. Total irrigated area on the property is 2.5 acres. Descriptions of the irrigation well, irrigation pump, irrigation system, and irrigated area follow. Supporting documents are attached.

**Well.** The well is located in the northwest corner of the property, and was drilled by Sylvan Adamson for irrigation use in November 2001. The well is 108 feet deep, with 10 feet of well screen from 98 to 108 feet. The drillers report lists a static water level of 46 feet and a production rate of 50+ gpm by air lift pumping from 80 feet.

**Well Pump.** The well is equipped with a 3-hp submersible pump (Jacuzzi 3S445-11) set at 84 feet on 2-inch galvanized pipe. The pump is rated to produce 44 gpm (0.10 cfs) at 60 psi from a pumping water level of 60 feet. The well location is shown on Figures 1 and 2.

**Irrigation System.** Irrigation is by buried sprinklers and by hand line. A sprinkler time clock is used to start the pump and switch sprinkler stations. The hand line is 400 feet long and equipped with 11 Lawnrite dual-nozzle impact-style sprinkler heads. The handline was operated during the field examination. Nozzle pressure at the upper end (highest elevation) of the handline was approximately 10 psi. Nozzles are 3/16 and 5/32, with an estimated flow rate of 5 gpm per head, or a total of 55 gpm (0.12 cfs). This corresponds to a discharge pressure at the well of approximately 29 psi. The buried sprinklers use less water at higher pressure than the handline.

**Irrigated Area.** The irrigated area consists of grass, orchard, shrubs, and trees. Total irrigated area on the property is 2.5 acres, including 2.0 acres under permit 63-12323 and 0.5 acres under the domestic well exemption. The two systems are not interconnected. The domestic well supplies a sprinkler system for the landscape around the house. Figure 2 shows the irrigated areas under permit 63-12323 and under the domestic exemption. Figures 3 through 7 are photographs of the irrigated area.

**Summary**

The field examination found a maximum diversion capacity of 0.12 cfs and an irrigated area of 2.0 acres. The permit holder has complied with all conditions of the permit.

**H. RECOMMENDATIONS****1. Recommended Amounts**

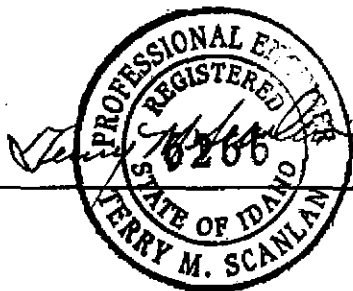
| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| Irrigation            | 03/01 to 11/15       | 0.04 cfs              | 9.0 acre feet        |
| TOTALS:               |                      | 0.04 cfs              | 9.0 acre feet        |

**2. Recommended Amendments**

\_\_\_\_ Change P.D. as reflected above      \_\_\_\_ Add P.D. as reflected above  
\_\_\_\_ Change P.U. as reflected above      \_\_\_\_ Add P.U. as reflected above  
X None      \_\_\_\_ Other

**I. AUTHENTICATION**

Field Examiner's Signature



Date

11/24/04

Reviewer's Signature

Date

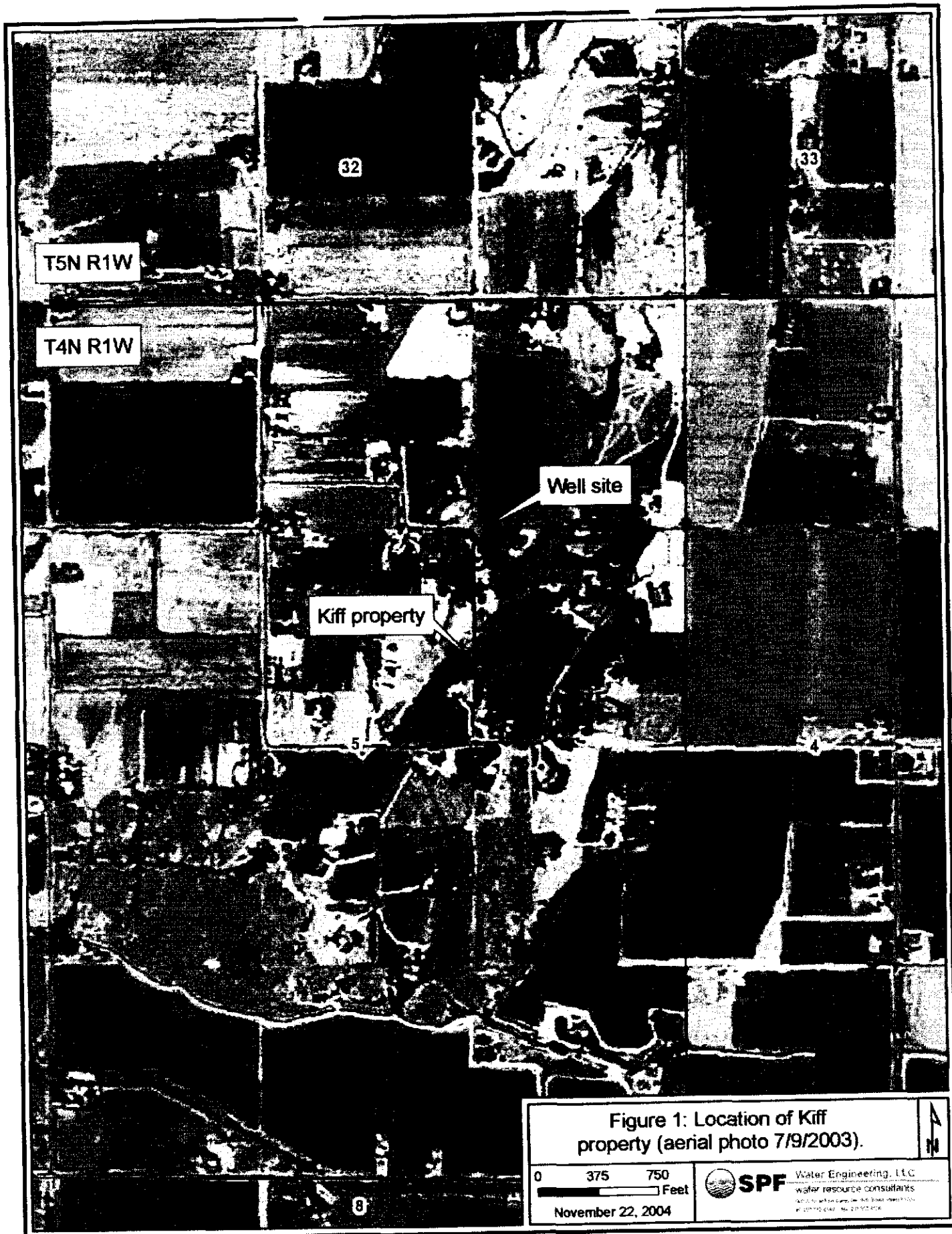




**Figure 5. View of irrigated area (in background), looking north. Non-irrigated area is in the foreground. Home is out of the picture to the left.**



**Figure 6. View of northwest corner of property looking east.**



**Figure 3. View of eastern edge of irrigated area, looking southeast. Hand line is operating. Non-irrigated area is visible in the background.**



**Figure 4. View of home from center of the irrigated area, looking southwest. Irrigated area is in the foreground.**

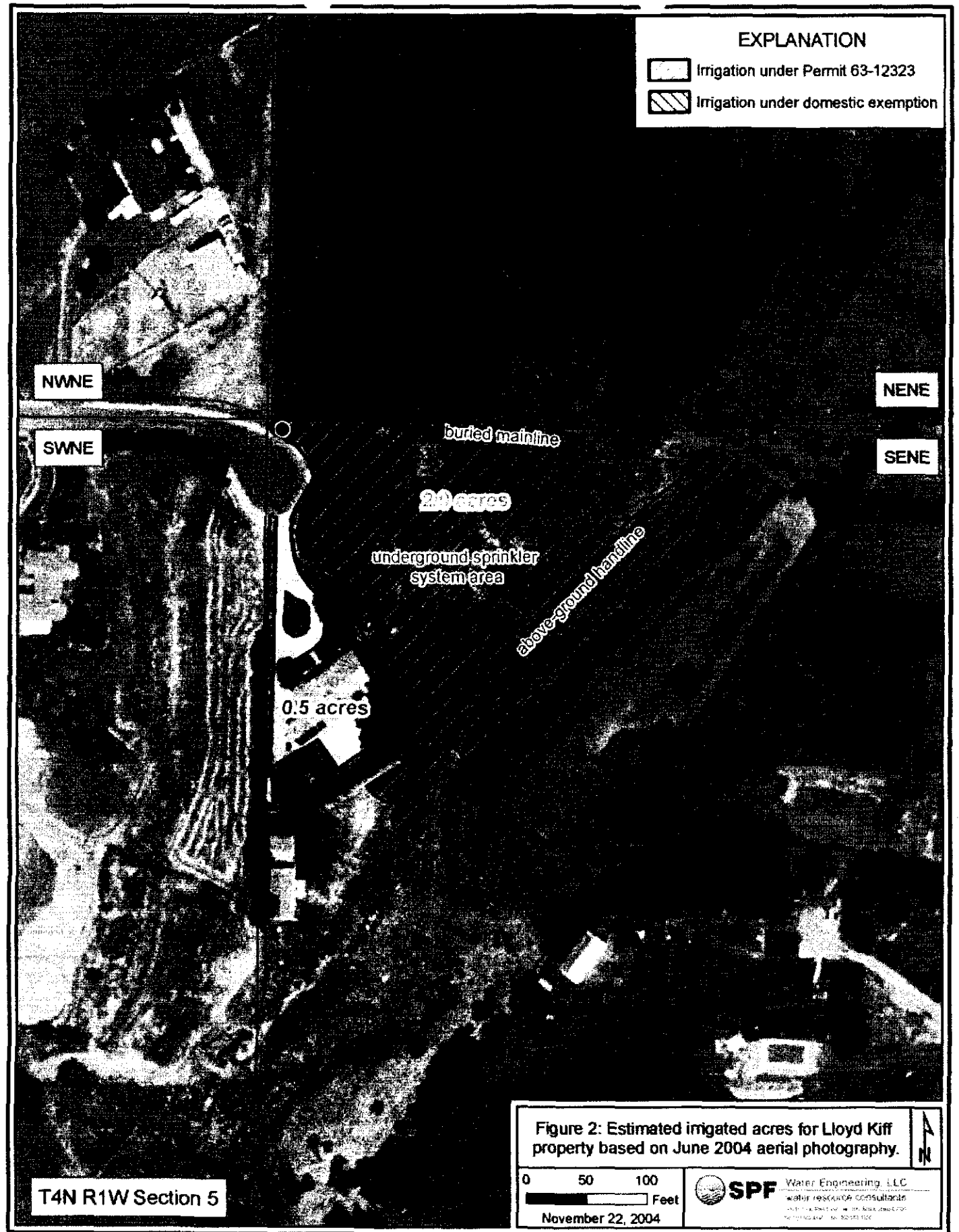




**Figure 7. View of orchard and turf looking south. This area is irrigated with an underground sprinkler system. Home is obscured by trees in the background.**

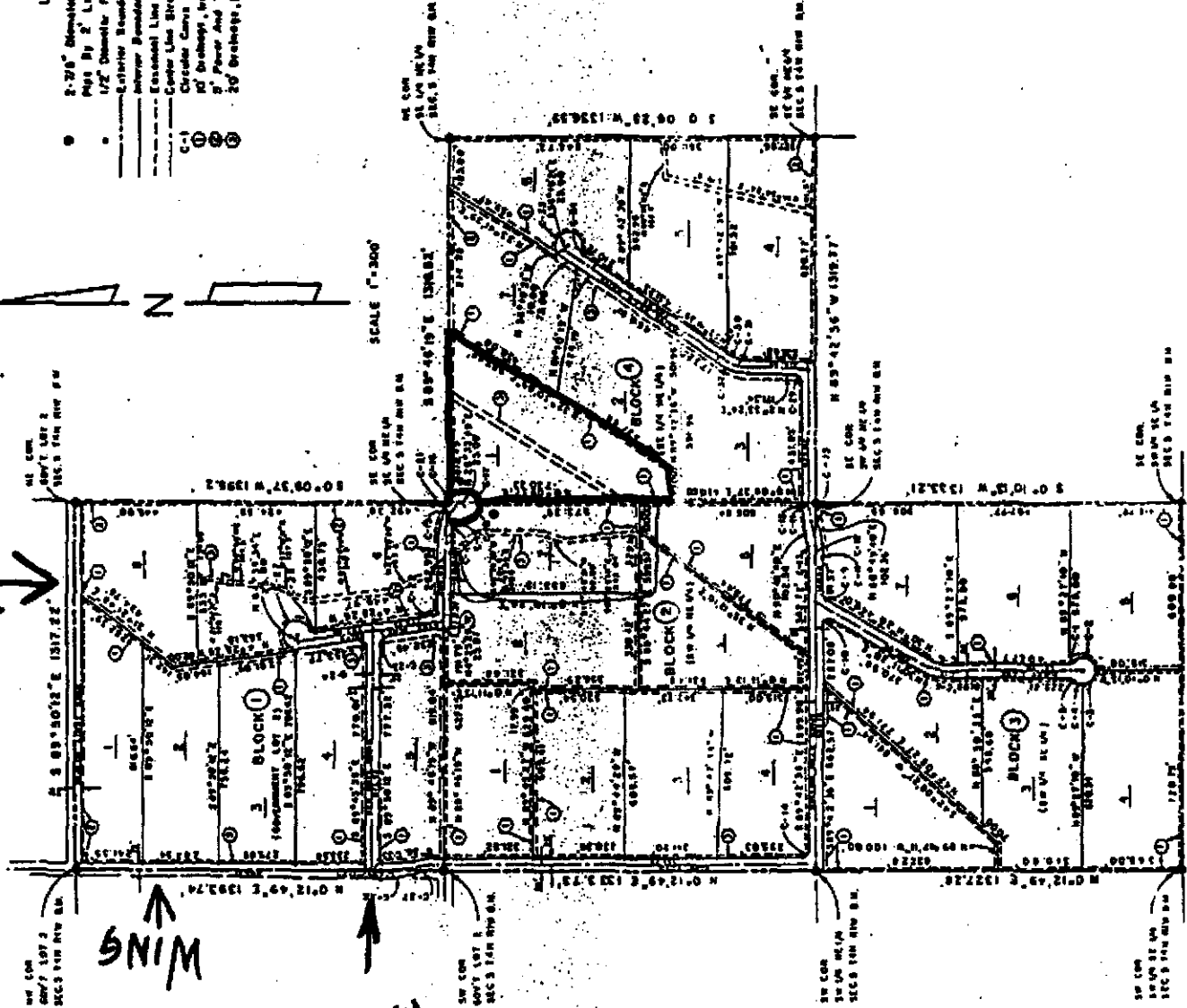
A PARTNERSHIP

BEACON LIGHT

SNIM

New Hope

- LEGEND
- 2-20" Diameter Brass Monument On 2" Diameter Pipe By 2' Long.
  - 1/2" Diameter Fiber By 2' Long
  - Exterior Boundary
  - Interior Boundary
  - Extension Line
  - Center Line Street Or Road
  - Circle Corner (See Table)
  - 90° Subsequent, Irregular And Uneven Extension.
  - 9° Power And Telephone Extension.
  - 30° Subsequent, Irregular And Uneven Extension.



STAR ACRES SUBD  
STAR,  
ADA COUNTY,

STATE OF IDAHO  
COUNTY OF ADA

I, DONALD M. SHAWLEY, a Registered Professional Surveyor, and State, do hereby certify that the above described land is within the ACRES SUBDIVISION in Ada County, Idaho, and that the same was made by me or under my direct supervision and in accordance with the laws of the State of Idaho, and I have personally examined the survey and the monuments thereon, and I have found the same to be correct and in accordance with the laws of the State of Idaho, and I have signed this certificate and my seal on this day of January, A.D. 1973.

STATE OF IDAHO S.  
COUNTY OF ADA

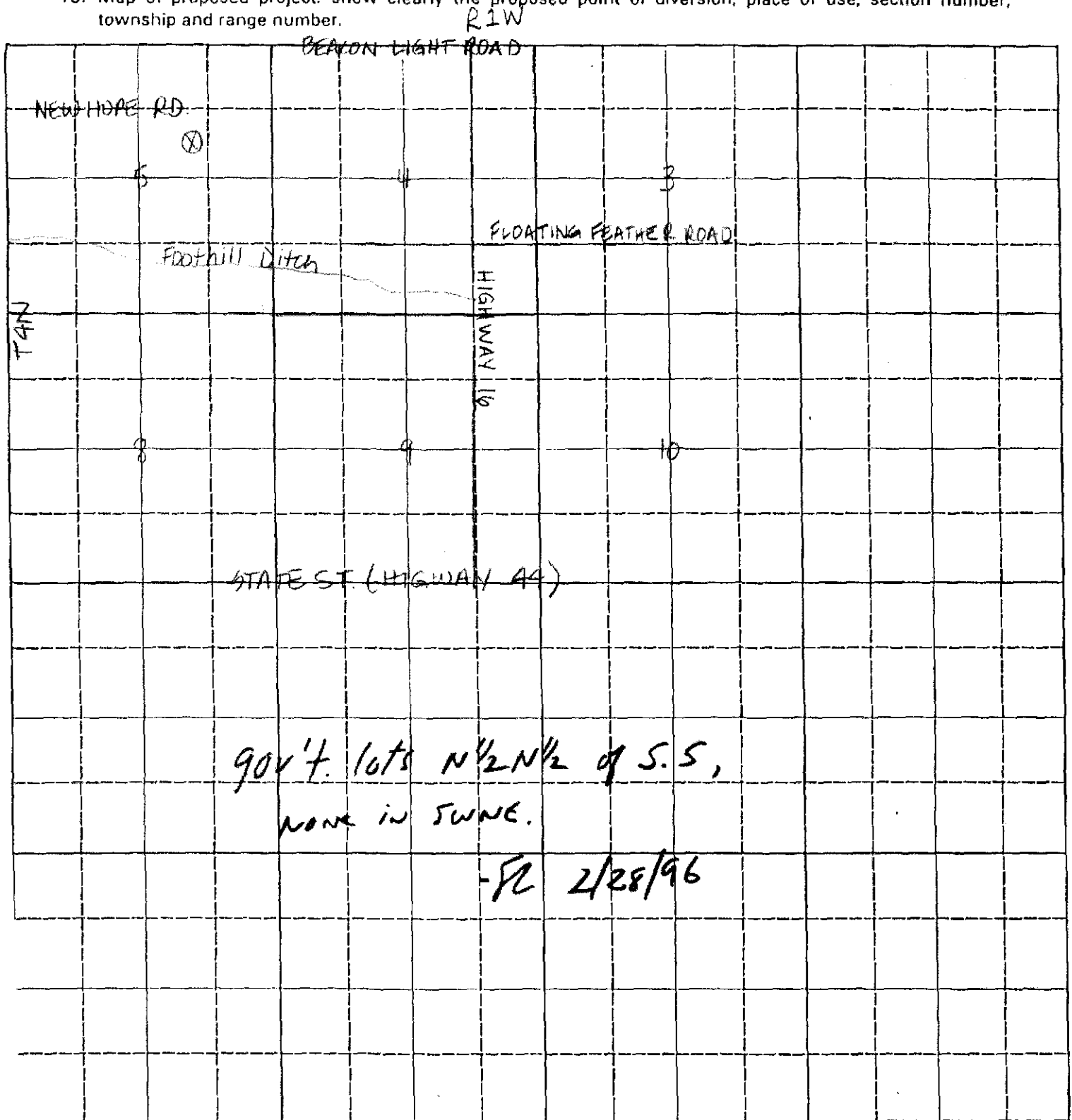
On this 22nd day of January, A.D. 1973, I, the undersigned, a duly qualified and personally appeared Donald M. Shawley, a Registered Professional Surveyor, and State, do hereby certify that the above described land is within the ACRES SUBDIVISION in Ada County, Idaho, and that the same was made by me or under my direct supervision and in accordance with the laws of the State of Idaho, and I have personally examined the survey and the monuments thereon, and I have found the same to be correct and in accordance with the laws of the State of Idaho, and I have signed this certificate and my seal on this day of January, A.D. 1973.

Witness: Public \_\_\_\_\_  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_

I hereby certify that this instrument was filed for record in the Office of the County Clerk of Ada County, Idaho, on this day of January, A.D. 1973.  
For \_\_\_\_\_  
Recorder \_\_\_\_\_ Deputy \_\_\_\_\_

| SECTION | TOWNSHIP | RANGE | ACRES | OWNER           | REMARKS |
|---------|----------|-------|-------|-----------------|---------|
| 1       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 2       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 3       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 4       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 5       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 6       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 7       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 8       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 9       | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 10      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 11      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 12      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 13      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 14      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 15      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 16      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 17      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 18      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 19      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 20      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 21      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 22      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 23      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 24      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 25      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 26      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 27      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 28      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 29      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 30      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 31      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 32      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 33      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 34      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 35      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 36      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 37      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 38      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 39      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 40      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 41      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 42      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 43      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 44      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 45      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 46      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 47      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 48      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 49      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 50      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 51      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 52      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 53      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 54      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 55      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 56      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 57      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 58      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 59      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 60      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 61      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 62      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 63      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 64      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 65      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 66      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 67      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 68      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 69      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 70      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 71      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 72      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 73      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 74      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 75      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 76      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 77      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 78      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 79      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 80      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 81      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 82      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 83      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 84      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 85      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 86      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 87      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 88      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 89      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 90      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 91      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 92      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 93      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 94      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 95      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 96      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 97      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 98      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 99      | 14N      | 10E   | 40.00 | Star Acres Subd |         |
| 100     | 14N      | 10E   | 40.00 | Star Acres Subd |         |

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

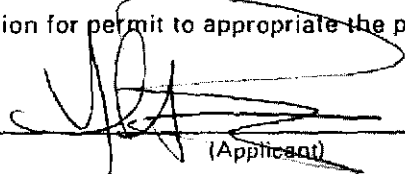


Scale: 2 inches equal 1 mile.

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

MICROFILMED

NOV 26 2001

  
(Applicant)

**FOR OFFICE USE ONLY**

**Amt. of Fee \$:**

Receipt No.

Receipt By:

Date Received \_\_\_\_\_

RECEIVED

NOV 26 2004

WATER RESOURCES  
WESTERN REGION

**STATE OF IDAHO**  
**DEPARTMENT OF WATER RESOURCES**

## PROOF OF BENEFICIAL USE

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

1. Permit No. 63-12323 Telephone No. 208-286-9116
2. Name of Permit Holder(s): Lloyd Kiff and Julia Kiff
3. Mailing Address: 9999 West Star Acres Drive  
City Star State ID Zip 83669
4. Source of Water: groundwater If **GROUNDWATER** (well), Date Drilled: mo. 11 / yr. 2001  
Well Driller: Domestic Pump & Drilling Drilling Permit Number: D0020196
5. Use(s) (as authorized by the water right permit):  
Domestic (No. of households): \_\_\_\_\_ Stockwater (No. and type of stock): \_\_\_\_\_  
Irrigation (No. of acres): 2 Other: \_\_\_\_\_
6. Total rate of diversion and/or volume for which proof is submitted: 0.04 cfs OR \_\_\_\_\_ acre-feet
7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)  
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)
- Measuring Device: Is a measuring device required? Yes \_\_\_\_\_ or No x  
Has the measuring device been installed? Yes \_\_\_\_\_ or No x
8. Fee Enclosed: \$ 0 (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination of the water system.  
Name: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Address: \_\_\_\_\_
10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

**Signature of permit holder:**

(include your title, if on behalf of company or organization)

**Date:**

5 Oct. 2004

**SPF**

Water Engineering, LLC  
water resource consultants

**RECEIVED****NOV 30 2004****DEPARTMENT OF  
WATER RESOURCES****RECEIVED****NOV 26 2004****WATER RESOURCES  
WESTERN REGION**

November 24, 2004

Steve Lester  
Idaho Department of Water Resources  
2735 Airport Way  
Boise, ID 83705

Subject: Proof of Beneficial Use and Beneficial Use Field Report – 63-12323

Dear Steve:

On behalf of Lloyd Kiff and Julia Kiff, I have enclosed Proof of Beneficial Use and Beneficial Use Field Report for permit 63-12323. The permit authorizes diversion of 0.04 cfs for irrigation of 2.0 acres. I conducted a field examination and found 2.0 acres irrigated under the permit, and a diversion capacity in excess of 0.04 cfs. All permit conditions have been met.

The permit is mitigated by a 2-acre portion of water right 63-270 (claim 63-31497). The place of use listed on the claim is the original place of use. Should the place of use be changed to the Kiff property, or should it remain at the original place of use?

Please contact me with any questions.

Sincerely,

Terry M. Scanlan, P.E., P.G.

Cc: Lloyd Kiff

**INVOICE**

Printed 10/17/2001  
Ident No. 771624  
Well Tag No. D0020196  
Well ID # 343546  
Receipt # C056925  
Approved Date

**STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
DRILLING PERMIT**

Relationship: Owner/Operator  
Name: JULIA KIFF  
Address: 9999 W STAR ACRES DR  
STAR ID 83669

Phone: (208)286-9116

Relationship: Owner/Operator  
Name: LLOYD F KIFF  
Address: 9999 W STAR ACRES DR

Phone: (208)286-9116

STAR ID 83669

Proposed Well Location: Township 04N, Range 01W, Section 5, SE, NE  
COUNTY ADA

Street Address of Well Site: 9999 W STAR ACRES DR  
STAR ID

Proposed Use of Well: - Irrigation

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 6 Inches. Proposed Depth 150 Feet.
- C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Oct 15 2001

Anticipated Well Drilling Company: DOMESTIC PUMP & DRILLING (No. 483)

Applicant's Signature: \_\_\_\_\_ Date \_\_\_\_\_

Title: \_\_\_\_\_

Well ID # 343546

**Well Tag No. D0020196**

**ACTION OF THE DEPARTMENT OF WATER RESOURCES**

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

1. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required prior to construction of this well. The local Health Department should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100 ft. from any drainfield and 50 ft. from any septic tank. Public Water Supply wells must not be drilled closer than 100 ft. from any drainfield or septic tank.
2. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
3. Approval of this drilling permit does not authorize trespass on the land of another party.
4. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
5. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
6. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
7. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig Line" Number for your area is &DIG-LINE-NUMBER
8. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Department for reconsideration pursuant to Section 67-5243, Idaho Code.
9. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
10. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig Line" Number for your area is &DIG-LINE-NUMBER

  
Signature of Authorized Dept. Representative

10-17-01  
Title

# IDAHO DEPARTMENT OF WATER RESOURCES

## WELL DRILLER'S REPORT

|                 |      |     |
|-----------------|------|-----|
| Office Use Only |      |     |
| Inspected by    |      |     |
| Twp             | Rge  | Sec |
| 1/4             | 1/4  | 1/4 |
| Lat             | Long |     |

1. WELL TAG NO. D 0020196  
 DRILLING PERMIT NO. \_\_\_\_\_  
 Other IDWR No. \_\_\_\_\_

2. OWNER: Lloyd K. H.  
 Name \_\_\_\_\_  
 Address 9999 Star Acres Dr.  
 City Star State ID Zip 83469

3. LOCATION OF WELL by legal description:  
 Sketch map location must agree with written location.

|   |  |                                             |  |                                                                             |  |
|---|--|---------------------------------------------|--|-----------------------------------------------------------------------------|--|
| N |  | Twp. <u>4</u>                               |  | North <input checked="" type="checkbox"/> or South <input type="checkbox"/> |  |
| E |  | Rge. <u>1</u>                               |  | East <input type="checkbox"/> or West <input checked="" type="checkbox"/>   |  |
| S |  | Sec. <u>5</u>                               |  | 1/4 <u>SE</u> 1/4 <u>NE</u> 1/4                                             |  |
| W |  | Gov't Lot _____                             |  | County <u>Ada</u>                                                           |  |
|   |  | Lat: _____                                  |  | Long: _____                                                                 |  |
|   |  | Address of Well Site <u>9999 Star Acres</u> |  | City <u>Star</u>                                                            |  |

(Give at least name of road - Distance to Road or Landmark)

Lt. \_\_\_\_\_ Blk. \_\_\_\_\_ Sub. Name \_\_\_\_\_

4. USE:  
☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation  
☐ Thermal ☐ Injection ☐ Other \_\_\_\_\_

5. TYPE OF WORK check all that apply (Replacement etc.)  
☒ New Well ☐ Modify ☐ Abandonment ☐ Other \_\_\_\_\_

6. DRILL METHOD  
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other \_\_\_\_\_

### 7. SEALING PROCEDURES

| SEAL/FILTER PACK               |         | AMOUNT          |  | METHOD   |
|--------------------------------|---------|-----------------|--|----------|
| Material                       | From To | Sacks or Pounds |  |          |
| Dry 3/8" Bed<br>+ Well Cuffing | 0 18    | 450 lb          |  | Overbore |

Was drive shoe used? ☒ ☐ N Shoe Depth(s) 97  
 Was drive shoe seal tested? ☐ Y ☐ N How? \_\_\_\_\_

### 8. CASING/LINER:

| Diameter | From To | Gauge | Material | Casing                              | Liner                    | Welded                              | Threaded                 |
|----------|---------|-------|----------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| 6 1/2    | 97      | 14    | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Length of Headpipe 8' Length of Tailpipe 0

### 9. PERFORATIONS/SCREENS

Perforations Method Pull Back  
 Screens Screen Type SS Wire

| From To | Slot Size | Number | Diameter | Material | Casing                   | Liner                    |
|---------|-----------|--------|----------|----------|--------------------------|--------------------------|
| 98 108  | 16        |        | 5        | SS       | <input type="checkbox"/> | <input type="checkbox"/> |

### 10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

46 ft. below ground Artesian pressure \_\_\_\_\_ lb.  
 Depth flow encountered \_\_\_\_\_ ft. Describe access port or control devices: Sanitary Well Cap

### 11. WELL TESTS:

|                                              |                                 |                                         |                                           |
|----------------------------------------------|---------------------------------|-----------------------------------------|-------------------------------------------|
| <input type="checkbox"/> Pump                | <input type="checkbox"/> Bailor | <input checked="" type="checkbox"/> Air | <input type="checkbox"/> Flowing Artesian |
| Yield gal./min.                              | Drawdown                        | Pumping Level                           | Time                                      |
| <u>50+</u>                                   | <u>NH</u>                       | <u>80</u>                               | <u>1/2 hr.</u>                            |
| Water Temp. <u>59°</u>                       |                                 | Bottom hole temp. <u>NH</u>             |                                           |
| Water Quality test or comments: <u>Clear</u> |                                 | Depth first Water Encounter <u>52</u>   |                                           |

### 12. LITHOLOGIC LOG: (Describe repairs or abandonment)

| Bore Dia. | From To | Remarks: Lithology, Water Quality & Temperature | Y | N |
|-----------|---------|-------------------------------------------------|---|---|
| 10        | 0 5     | Sandy Soil                                      |   | X |
| 10        | 5 18    | Sandy Clay                                      |   | X |
| 6         | 18 25   | Sandy Clay                                      |   | X |
| 6         | 25 32   | Brn Clay                                        |   | X |
| 6         | 32 40   | Sandy Brn Clay                                  |   | X |
| 6         | 40 48   | Cemented Sand                                   |   | X |
| 6         | 48 52   | Brn Clay                                        |   | X |
| 6         | 52 63   | Coarse Sand                                     | X |   |
| 6         | 63 78   | Gravel                                          | X |   |
| 6         | 78 98   | Cemented Sand                                   |   | X |
| 6         | 98 99   | Brn Clay                                        |   | X |
| 6         | 99 108  | Coarse Sand                                     | X |   |

### 13. DRILLER'S CERTIFICATION

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

Company Name Domestic Pump & Drill Firm No. 483

Firm Official \_\_\_\_\_ Date \_\_\_\_\_  
 and  
 Driller or Operator [Signature] Date 11/14/01  
 (Sign once if Firm Official & Operator)

# Performance Charts SandHandler™ High Capacity 45 GPM

CAPACITIES IN U.S. GALLONS PER MINUTE

| PUMP<br>MODEL  | HP    | PSI | DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET<br>SHADED AREAS INDICATE MOST EFFICIENT PERFORMANCE |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----------------|-------|-----|----------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                |       |     | 20                                                                                                 | 40  | 60  | 80  | 100 | 120 | 140 | 160 | 180 | 200 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |
| 15S445-6       | 1-1/2 | 0   | 68                                                                                                 | 62  | 57  | 52  | 46  | 39  | 31  |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 10  | 62                                                                                                 | 56  | 51  | 45  | 38  | 29  | 19  |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 20  | 55                                                                                                 | 50  | 44  | 36  | 28  | 17  | 5   |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 30  | 49                                                                                                 | 42  | 35  | 26  | 16  | 3   |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 40  | 41                                                                                                 | 34  | 25  | 14  | 30  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 50  | 33                                                                                                 | 23  | 12  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 60             | 22    | 10  |                                                                                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Shut-off (ft.) | 190   | PSI | 74                                                                                                 | 65  | 56  | 48  | 39  | 30  | 22  | 13  | 4   |     |     |     |     |     |     |     |     |     |     |
| 2S445-8        | 2     | 0   | 71                                                                                                 | 65  | 60  | 56  | 52  | 48  | 44  | 40  | 35  | 29  |     |     |     |     |     |     |     |     |     |
|                |       | 10  | 64                                                                                                 | 59  | 55  | 51  | 48  | 44  | 40  | 34  | 28  | 20  |     |     |     |     |     |     |     |     |     |
|                |       | 20  | 58                                                                                                 | 54  | 51  | 47  | 43  | 39  | 33  | 27  | 19  | 9   |     |     |     |     |     |     |     |     |     |
|                |       | 30  | 54                                                                                                 | 50  | 47  | 43  | 38  | 32  | 26  | 17  | 7   |     |     |     |     |     |     |     |     |     |     |
|                |       | 40  | 50                                                                                                 | 46  | 42  | 37  | 32  | 24  | 16  | 5   |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 50  | 45                                                                                                 | 41  | 36  | 31  | 23  | 14  | 3   |     |     |     |     |     |     |     |     |     |     |     |     |
| 60             | 41    | 36  | 29                                                                                                 | 22  | 13  | 1.5 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Shut-off (ft.) | 250   | PSI | 104                                                                                                | 95  | 87  | 78  | 69  | 61  | 52  | 43  | 35  | 26  | 9   |     |     |     |     |     |     |     |     |
| 3S445-11       | 3     | 0   | 72                                                                                                 | 68  | 65  | 62  | 59  | 56  | 53  | 50  | 47  | 43  | 36  | 31  | 26  | 20  |     |     |     |     |     |
|                |       | 10  | 68                                                                                                 | 64  | 61  | 58  | 55  | 52  | 49  | 46  | 43  | 39  | 30  | 25  | 19  | 12  |     |     |     |     |     |
|                |       | 20  | 64                                                                                                 | 61  | 58  | 55  | 52  | 49  | 46  | 42  | 38  | 34  | 24  |     |     |     |     |     |     |     |     |
|                |       | 30  | 60                                                                                                 | 57  | 54  | 52  | 48  | 45  | 42  | 38  | 34  | 29  | 17  |     |     |     |     |     |     |     |     |
|                |       | 40  | 57                                                                                                 | 54  | 51  | 48  | 45  | 41  | 37  | 33  | 28  | 22  | 16  |     |     |     |     |     |     |     |     |
|                |       | 50  | 54                                                                                                 | 51  | 47  | 44  | 41  | 37  | 32  | 27  | 21  | 15  |     |     |     |     |     |     |     |     |     |
|                |       | 60  | 50                                                                                                 | 47  | 44  | 40  | 36  | 31  | 26  | 20  | 14  |     |     |     |     |     |     |     |     |     |     |
|                |       | 70  | 46                                                                                                 | 43  | 39  | 35  | 31  | 25  | 19  | 13  |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 80  | 43                                                                                                 | 39  | 35  | 30  | 24  | 18  | 12  |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 90  | 38                                                                                                 | 34  | 29  | 24  | 18  | 11  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 100 | 33                                                                                                 | 28  | 23  | 16  | 9   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Shut-off (ft.) | 350   | PSI | 143                                                                                                | 134 | 126 | 117 | 108 | 100 | 91  | 82  | 74  | 65  | 48  | 39  | 30  | 22  | 13  | 4   |     |     |     |
| 5S445-18       | 5     | 0   |                                                                                                    |     | 69  | 66  | 63  | 61  | 59  | 57  | 55  | 53  | 50  | 48  | 46  | 44  | 42  | 40  | 38  | 36  | 33  |
|                |       | 20  | 68                                                                                                 | 65  | 63  | 60  | 57  | 56  | 54  | 52  | 51  | 49  | 46  | 44  | 42  | 40  | 38  | 35  | 32  | 29  | 26  |
|                |       | 40  | 62                                                                                                 | 60  | 57  | 56  | 54  | 52  | 50  | 48  | 46  | 45  | 39  | 37  | 34  | 32  | 28  | 25  | 21  |     |     |
|                |       | 60  | 57                                                                                                 | 55  | 51  | 51  | 50  | 48  | 46  | 44  | 43  | 41  | 36  | 33  | 31  | 27  | 24  | 20  | 16  |     |     |
|                |       | 80  | 53                                                                                                 | 51  | 49  | 47  | 46  | 44  | 42  | 40  | 38  | 35  | 30  | 26  | 23  | 19  |     |     |     |     |     |
|                |       | 100 | 49                                                                                                 | 47  | 45  | 43  | 41  | 39  | 37  | 34  | 32  | 29  | 25  | 18  |     |     |     |     |     |     |     |
|                |       | 120 | 45                                                                                                 | 43  | 41  | 39  | 36  | 34  | 31  | 28  | 24  | 20  | 16  |     |     |     |     |     |     |     |     |
|                |       | 140 | 40                                                                                                 | 38  | 35  | 33  | 30  | 27  | 23  | 19  |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 160 | 35                                                                                                 | 32  | 29  | 26  | 22  | 18  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       | 170 | 31                                                                                                 | 28  | 25  | 21  | 17  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Shut-off (ft.) | 575   | PSI | 236                                                                                                | 227 | 219 | 210 | 201 | 193 | 184 | 175 | 167 | 158 | 141 | 132 | 123 | 115 | 106 | 97  | 89  | 80  | 71  |
| PUMP<br>MODEL  | HP    | PSI | DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET<br>SHADED AREAS INDICATE MOST EFFICIENT PERFORMANCE |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                |       |     | 50                                                                                                 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 |     |
| 75S445-26      | 7-1/2 | 0   | -                                                                                                  | -   | -   | -   | 57  | 54  | 50  | 47  | 44  | 40  | 36  | 32  | 28  | 24  | 18  | 11  | 3   |     |     |
|                |       | 20  | -                                                                                                  | -   | -   | 57  | 54  | 50  | 47  | 44  | 40  | 36  | 32  | 28  | 24  | 18  | 11  | 3   |     |     |     |
|                |       | 40  | -                                                                                                  | 58  | 54  | 51  | 48  | 45  | 41  | 37  | 33  | 29  | 24  | 18  | 12  | 5   |     |     |     |     |     |
|                |       | 60  |                                                                                                    | 58  | 55  | 52  | 48  | 45  | 41  | 37  | 33  | 29  | 25  | 19  | 12  | 5   |     |     |     |     |     |
|                |       | 80  |                                                                                                    | 55  | 52  | 48  | 45  | 41  | 37  | 33  | 29  | 25  | 19  | 12  | 5   |     |     |     |     |     |     |
|                |       | 100 |                                                                                                    | 52  | 48  | 45  | 42  | 38  | 34  | 30  | 25  | 20  | 14  | 6   |     |     |     |     |     |     |     |
|                |       | 120 |                                                                                                    | 49  | 45  | 42  | 38  | 34  | 30  | 25  | 21  | 14  | 7   |     |     |     |     |     |     |     |     |
|                |       | 140 |                                                                                                    | 45  | 42  | 38  | 35  | 30  | 26  | 21  | 15  | 7   |     |     |     |     |     |     |     |     |     |
|                |       | 160 |                                                                                                    | 42  | 39  | 35  | 31  | 26  | 21  | 15  | 8   |     |     |     |     |     |     |     |     |     |     |
|                |       | 180 |                                                                                                    | 39  | 35  | 31  | 27  | 22  | 16  | 8   |     |     |     |     |     |     |     |     |     |     |     |
| 200            |       | 35  | 31                                                                                                 | 27  | 22  | 16  | 9   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 220            |       | 32  | 27                                                                                                 | 22  | 17  | 10  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Shut-off (ft.) | 815   | PSI |                                                                                                    | 331 | 310 | 288 | 266 | 245 | 223 | 201 | 180 | 158 | 136 | 115 | 93  | 71  | 50  | 28  | 6   |     |     |

Notes: 1) Pump discharge tapping and minimum riser pipe size 2". 2) Performance shown does not include friction loss in the drop pipe.  
3) All performance data is based on rated motor name plate voltage.