

10/17/2006

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

RIGHT NUMBER: 63-32457

NAME AND ADDRESS: HERBERT R MONTIERTH JR
6312 S ZITHER AVE
BOISE ID 83709

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.060 CFS
20.70 AFY

PRIORITY DATE: 04/01/1954

POINT OF DIVERSION:
T01N R02W S3 NWNWSE Within CANYON County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/01 11/15	0.060 CFS 20.70 AFY

PLACE OF USE: IRRIGATION Within CANYON County

T01N R02W S03 SWSE 4.60
4.6 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 - Beneficial Use

This right is a split from former right 63-5311 .



Idaho Department of Water Resources

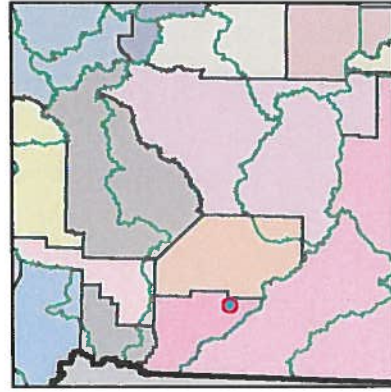
SRBA Recommendation:

63-32457

(Irrigation)

Legend

-  Point of Diversion
-  Place of Use
-  Townships
-  PLS Sections
-  Quarter Quarters



Canyon County
IDWR Basin 63

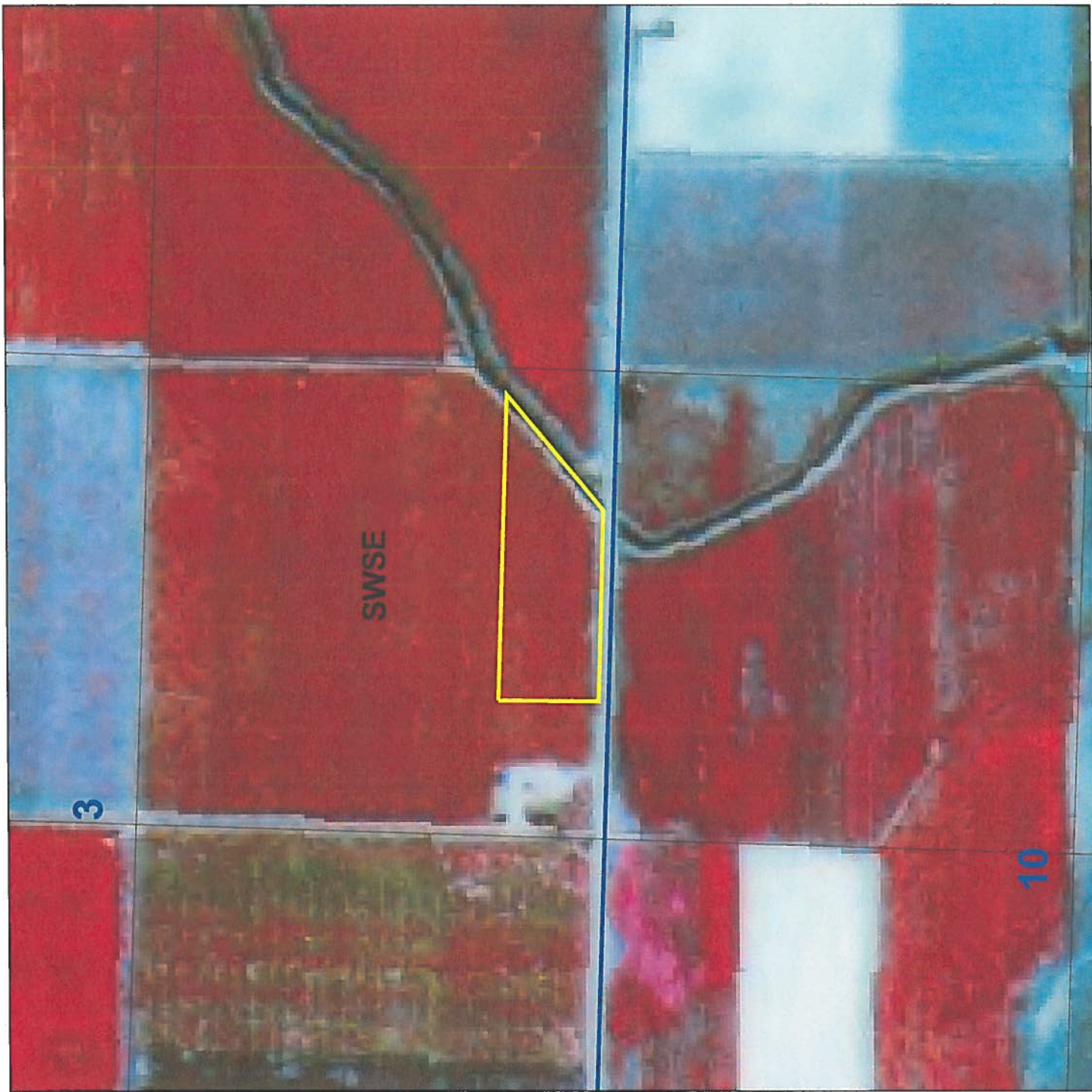


0 0.2 0.4 Miles

Prepared by M. Ciscell
On Tuesday, October 17, 2006
1987/88 Aerial Photography

CHANGE OF OWNERSHIP IN 63-32449

63-32457



ADDITIONAL INFORMATION NEEDED FOR IRRIGATION FIELD EXAMS

Field Examiners, please complete the following checklist. Mark "unknown" or N/A if information doesn't apply or information is unavailable.

IF CURRENT OWNER DOES NOT MATCH PROOF REPORT PLEASE GIVE NEW OWNER CHANGE OF OWNERSHIP FORM TO COMPLETE.

1.) Pump information:

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well P10	General Electric	40	MODEL # 5K404XA70A	UNKNOWN	6.68"

2.) Lift (distance from pump to water) UNKNOWN

3.) How was lift determined (well log, measurement, owner)? N/A

4.) Pressure against pump (this is checked using the owner's psi gauge, your gauge, or an estimate by owner) Open Discharge

5.) Was a measurement made? Yes If no can a measurement be made at a latter time? _____

6.) What type of measurement device was used? Thyme Flyte POLYSONIC METER

7.) Is there a pump curve available for pump? NO

8.) Please fill out the following:

Number of sprinklers _____

Sprinkler nozzle size _____

Number of Pivots (include gpm rating for each pivot) _____

Cement Ditches.

9.) Please outline all acres irrigated on attached aerial photo. ✓ DONE

10.) Please clearly mark all points of diversion on map and GPS. ✓ DONE

11.) Please clearly mark all mainlines, ditches, and other conveyances.

✓ DONE

12.) Pictures taken of place of use and point of diversion. ✓ DONE

13.) Please show where and how water from other sources are diverted into the irrigation system.

FIELD EXAMINERS NOTES (descriptions, other uses, questions, ect.)

The water from this claim is diverted from a well in the northwest corner of the NWSE. The water runs down a cement ditch to the south and irrigates by furrow irrigation to the east. A buried pipe comes off the cement ditch on the southern border of the NWSE and open discharges into another cement ditch that irrigates the 13 acres in the SESE. A ditch from the north can also irrigate the SESE (from another well). NO canal water is used on this property. 85 acres were found to be irrigated from this system. ~~with~~ The well was measured @ 453 gpm or 1.01 CFS. This claim should be recommended for system capacity of 1.01 CFS and 373.5 aFg (83 acres $\times$ 4.5 = 373.5 aFg). FOR 83 acres of irrigation.

DATE EXAM CONDUCTED 7-3-06

FIELD EXAMINER Donal A. Nelson



T01N R02W S3

This is an aerial photograph of a land section, overlaid with a white grid. The grid divides the area into several rectangular blocks. Three specific blocks are highlighted with white text labels. The top-right block is labeled 'T01N R02W S3'. The middle-left block is labeled 'NWSE 37 acres'. The bottom-left block is labeled 'SWSE 35 acres'. The bottom-right block is labeled 'SESE 13 acres'. The background is a grayscale aerial image showing terrain features, roads, and possibly some structures. A small circle is visible on the left edge of the 'NWSE' block.

NWSE
37 acres

SESE
13 acres

SWSE
35 acres



WELL P/D

CEMENT
DITCH

NWSE
37 acres

WELL WATER
FROM ANOTHER
WELL ENTERS HERE
CAN IRRIGATE SESE FIELD.

T01N R02W S3

BURIED
PIPE

SWSE
35 acres

SESE
13 acres

CEMENT
DITCH



POLYSONIC READINGS

PERMIT #: 63-5311

POINT OF DIVERSION

FIRST SET OF INFORMATION:

SET-UP IMPUTE DATA USED DURING
PREPARATION FOR FLOW MEASUREMENTS.

SECOND SET OF INFORMATION:

THESE ARE THE READINGS TAKEN FOR
THIS PUMP. THE TOTAL FLOW WAS
AVERAGED OVER A 10 MINUTE READING.

FLows IN GALLONS PER MINUTE (GPM)

453 GPM FLOW RATE

FLows IN CUBIC FEET PER SECOND (CFS)

453 GPM / 448.8 = 1.01 CFS FLOW RATE

MODE SELECT
INPUT

OUTER DIAMETER
6.6800 IN

PIPE MATERIAL
? CS,SS

WALL THICKNESS
0.2750 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
4.928 IN U

MODE SELECT
T0 CHECK

0235.1 MMSEC
102.66 % T0

07-02 11:2000 *H
+002.40 % AI2

07-02 11:2300 *R
+002.40 % AI2

ZERO MODE
AUT ZERO

11:28+439.318E 06GPM 00R
+ 4.776E 0FPS 00R
+00000 *10 G 00R
-00000 *10 G 00R

11:29+466.527E 06GPM 00R
+ 5.072E 0FPS 00R
+00044 *10 G 00R
-00000 *10 G 00R

11:30+448.828E 06GPM 00R
+ 4.881E 0FPS 00R
+00089 *10 G 00R
-00000 *10 G 00R

11:31+452.790E 06GPM 00R
+ 4.924E 0FPS 00R
+00134 *10 G 00R
-00000 *10 G 00R

11:32+446.186E 06GPM 00R
+ 4.852E 0FPS 00R
+00179 *10 G 00R
-00000 *10 G 00R

11:33+449.620E 06GPM 00R
+ 4.888E 0FPS 00R
+00225 *10 G 00R
-00000 *10 G 00R

11:34+450.413E 06GPM 00R
+ 4.898E 0FPS 00R
+00270 *10 G 00R
-00000 *10 G 00R

11:35+453.055E 06GPM 00R
+ 4.927E 0FPS 00R
+00315 *10 G 00R
-00000 *10 G 00R

11:36+465.735E 06GPM 00R
+ 5.065E 0FPS 00R
+00361 *10 G 00R
-00000 *10 G 00R

11:37+469.433E 06GPM 00R
+ 5.104E 0FPS 00R
+00407 *10 G 00R
-00000 *10 G 00R

11:38+460.187E 06GPM 00R
+ 5.003E 0FPS 00R
+00453 *10 G 00R
-00000 *10 G 00R

453 gpm

PHOTOGRAPHER AND DATE OF PHOTOS DANIEL A NELSON 7/3/2006

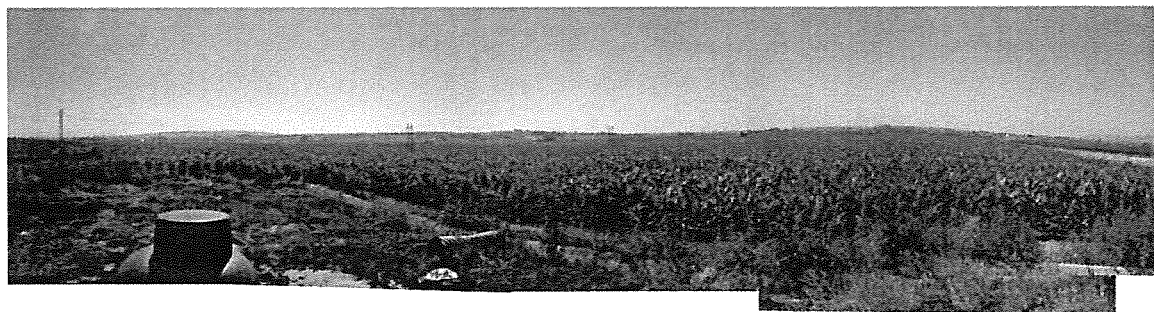
FILE NUMBER 63-5311



The photo above is of the well being measured with the polysonic unit.



The middle picture shows the open discharge into the ditch.



The bottom photo shows the ground being irrigated.

