

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 95-9389

Exam Date: **9-17-08**

1. Current Owner: MARK VILLAGOMEZ  
And/Or JANETTE VILLAGOMEZ  
1683 E DODD RD  
HAYDEN ID 83835  
(208)772-4749
2. Accompanied by: JANETTE VILLAGOMEZ  
Phone No: SAME AS ABOVE  
Address: SAME AS ABOVE  
Relationship to Permit Holder: SELF

3. **SOURCE** **TRIBUTARY**  
GROUND WATER

**B. OVERLAP REVIEW**

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

**C. DIVERSION AND DELIVERY SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER L4 SW¼SW¼ Sec. 31, Twp 52N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS

2.

| <u>PLACE OF USE:</u> |         | DOMESTIC  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |               |
|----------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| Twp                  | Rge Sec | NE        |           |           |           | NW        |           |           |           | SW        |           |           |           | SE        |           |           |           |               |
|                      |         | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>Totals</u> |
| 52N                  | 03W 31  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |               |
|                      |         |           |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |               |
|                      |         |           |           |           |           |           |           |           |           |           |           | L 4       |           |           |           |           |           |               |

| <u>PLACE OF USE:</u> |         | STOCKWATER |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |
|----------------------|---------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
| Twp                  | Rge Sec | NE         |           |           |           | NW        |           |           |           | SW        |           |           |           | SE        |           |           |           | Totals |
|                      |         | <u>NE</u>  | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> |        |
| 52N                  | 03W 31  |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |
|                      |         |            |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |           |        |
|                      |         |            |           |           |           |           |           |           |           |           |           | L 4       |           |           |           |           |           |        |

| <u>PLACE OF USE:</u> |     |     |           |           |           |           |           |           |           |           |           |           |           |           | IRRIGATION |           |           |           |               |
|----------------------|-----|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|---------------|
| Twp                  | Rge | Sec | NE        |           |           |           | NW        |           |           |           | SW        |           |           |           | SE         |           |           |           |               |
|                      |     |     | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u>  | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>Totals</u> |
| 52N                  | 03W | 31  |           |           |           |           |           |           |           |           |           |           | 5.0       |           |            |           |           |           | 5.0           |
|                      |     |     |           |           |           |           |           |           |           |           |           |           | L 4       |           |            |           |           |           |               |

Total Acres: 5

Method of Determination:

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

| <u>Well or Diversion<br/>ID No.*</u> | <u>Motor Make</u> | <u>Hp</u> | <u>Motor Serial No.</u> | <u>Pump Make</u> | <u>Pump Serial No. or Discharge<br/>Size</u> |
|--------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------|
| _____                                | _____             | _____     | _____                   | _____            | _____                                        |
| _____                                | _____             | _____     | _____                   | _____            | _____                                        |
| _____                                | _____             | _____     | _____                   | _____            | _____                                        |
| _____                                | _____             | _____     | _____                   | _____            | _____                                        |

\*Code to correspond with No. on map and aerial photo

**D. FLOW MEASUREMENTS**

1.

| <u>Measurement<br/>Equipment</u> | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|----------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
| _____                            | _____       | _____       | _____            | _____             | _____       | _____              |
| _____                            | _____       | _____       | _____            | _____             | _____       | _____              |

2. Measurements:

**E. FLOW CALCULATIONS**

\_\_\_\_\_ Additional Computation Sheets Attached

Measured Method:

| PUMP<br>EQUATIONS<br>WATER RIGHT<br>No. 95-9389 |                    |    |             |                               |                            |                              |
|-------------------------------------------------|--------------------|----|-------------|-------------------------------|----------------------------|------------------------------|
|                                                 |                    | HP | H in feet   | Efficiency<br>as a<br>decimal | Pumping<br>lift in<br>feet | System<br>pressure in<br>PSI |
| Q<br>=                                          | HP*8.8*Eff/H       | 5  | 382.5170068 | 0.75                          | 290                        | 40                           |
| Q<br>=                                          | 0.086 cfs 38.8 gpm |    |             |                               |                            |                              |

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5 \times 3 = 15$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .09 \times 246 \times 1.9835 = 43.9$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 15 \text{ AF}$$

## 2. Volume Calculations for Other Uses:

$$.6 \times 2 = 1.2 \text{ AF domestic}$$

$$.1 \text{ AF stockwater}$$

$$\begin{array}{r} 15.0 \\ + 1.2 \\ + 0.1 \\ \hline 16.3 \text{ AF total} \end{array}$$

**G. NARRATIVE/REMARKS/COMMENTS**

THIS SYSTEM USES GROUNDWATER FOR DOMESTIC, IRRIGATION AND STOCKWATER USES. THE DOMESTIC USE IS FOR 2 HOMES. THE IRRIGATION IS FOR 5 ACRES. THE STOCKWATER IS FOR UP TO 10 HEAD OF MIXED STOCK.

Have conditions of permit approval been met? ☐ Yes ☒ No

**H. RECOMMENDATIONS**

## 1. Recommended Amounts

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| DOMESTIC              | 01/01 to 12/31       | 0.040 CFS             | 1.20 AF              |
| STOCKWATER            | 01/01 to 12/31       | 0.020 CFS             | 0.10 AF              |
| IRRIGATION            | 03/15 to 11/15       | 0.090 CFS             | 15.00 AF             |
| <u>Totals:</u>        |                      | 0.090 CFS             | 16.30 AF             |

## 2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

**I. AUTHENTICATION**

Field Examiner's Name

Date

9-29-08

Reviewer

Date

9/30/8

Form 23-7  
7/84

RECEIVED

IDAHO DEPARTMENT OF WATER RESOURCES

MAR 24 1995

WELL DRILLER'S REPORT

753986

Use Typewriter  
or  
Ball Point Pen

Rec'd 128  
935 3/24/95

95-9389

1. DRILLING PERMIT NO. 95-95-N-6-000

Other IDWR No.

2. OWNER:

Name: JENKINS Lichen  
Address: 1715 EAST DODD ROAD  
City: HAILEN LAKE State: IDA Zip: 83835

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

|   |  |                                                                                            |  |
|---|--|--------------------------------------------------------------------------------------------|--|
| N |  | Twp. <u>52</u> North <input checked="" type="checkbox"/> or South <input type="checkbox"/> |  |
| E |  | Rge. <u>3</u> East <input type="checkbox"/> or West <input checked="" type="checkbox"/>    |  |
| S |  | Sec. <u>31</u> SW 1/4 SW 1/4 SW 1/4                                                        |  |
| W |  | Gov't Lot _____ County: <u>Kootenai</u>                                                    |  |

Address of Well Site: 1175 Dodd Rd.  
City: \_\_\_\_\_

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

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

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation  
☐ Thermal ☐ Injection ☐ Other \_\_\_\_\_

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other \_\_\_\_\_

7. SEALING PROCEDURES

| SEAL/FILTER PACK |      |    | AMOUNT<br>Sacks or<br>Pounds | METHOD    |
|------------------|------|----|------------------------------|-----------|
| Material         | From | To |                              |           |
| Bentonite        | 0    | 70 | 8                            | overboard |

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 390

Was drive shoe seal tested? ☐ Y ☒ N How? \_\_\_\_\_

8. CASING/LINER:

| Diameter | From | To  | Gauge | Material | Casing                              | Liner                    | Welded                   | Threaded                 |
|----------|------|-----|-------|----------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| 8        | 142  | 290 | .750  | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Length of Headpipe \_\_\_\_\_ Length of Tailpipe \_\_\_\_\_

9. PERFORATIONS/SCREENS

☐ Perforations Method N/A  
☐ Screens Screen Type \_\_\_\_\_

| From | To | Slot Size | Number | Diameter | Material | Casing                   | Liner                    |
|------|----|-----------|--------|----------|----------|--------------------------|--------------------------|
|      |    |           |        |          |          | <input type="checkbox"/> | <input type="checkbox"/> |

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

290 ft. below ground Artesian pressure \_\_\_\_\_ lb.

Depth flow encountered \_\_\_\_\_ ft. Describe access port or control devices:

SW SW SW 31 52N 3W

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

| Yield gal./min. | Drawdown | Pumping Level | Time    |
|-----------------|----------|---------------|---------|
| 50              |          |               | 3 Hours |

Water Temp. \_\_\_\_\_ Bottom hole temp. \_\_\_\_\_  
Water Quality test or comments: Clear and Cold Set Pump  
570'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

| Bore Dia | From | To  | Remarks: Lithology, Water Quality & Temperature | Y  | N |
|----------|------|-----|-------------------------------------------------|----|---|
| 10       | 0    | 3   | Top Soil                                        |    | X |
| 10       | 3    | 135 | Basalt                                          |    | X |
| 10       | 135  | 430 | Clay                                            |    | X |
| 10       | 430  | 495 | Sandy Clay                                      |    | X |
| 10       | 495  | 560 | Shale and Clay                                  |    | X |
| 10       | 560  | 590 | Broken up shale and gravel                      | 50 |   |

Completed Depth 590 (Measurable)  
Date: Started 1-19-95 Completed 2-1-95

13. DRILLER'S CERTIFICATION

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

Firm Name Hester Well Drilling Inc Firm No. 528

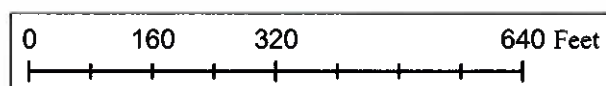
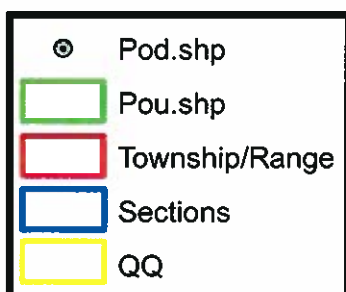
Firm Official [Signature] Date 2-13-95

and Supervisor or Operator C. Mark Hester Date 2-1-95

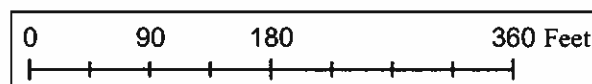
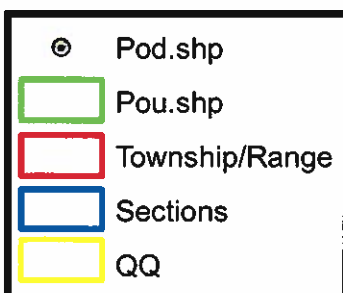
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

# 95-9389



95-9389





DOMESTIC PLACE OF USE  
1.JPG



DOMESTIC PLACE OF USE  
2.JPG



IRRIGATION AND  
STOCKWATER PLACE OF USE.



IRRIGATION PLACE OF  
USE 1.JPG



IRRIGATION PLACE OF  
USE 2.JPG



POINT OF DIVERSION.JPG



STOCK.JPG



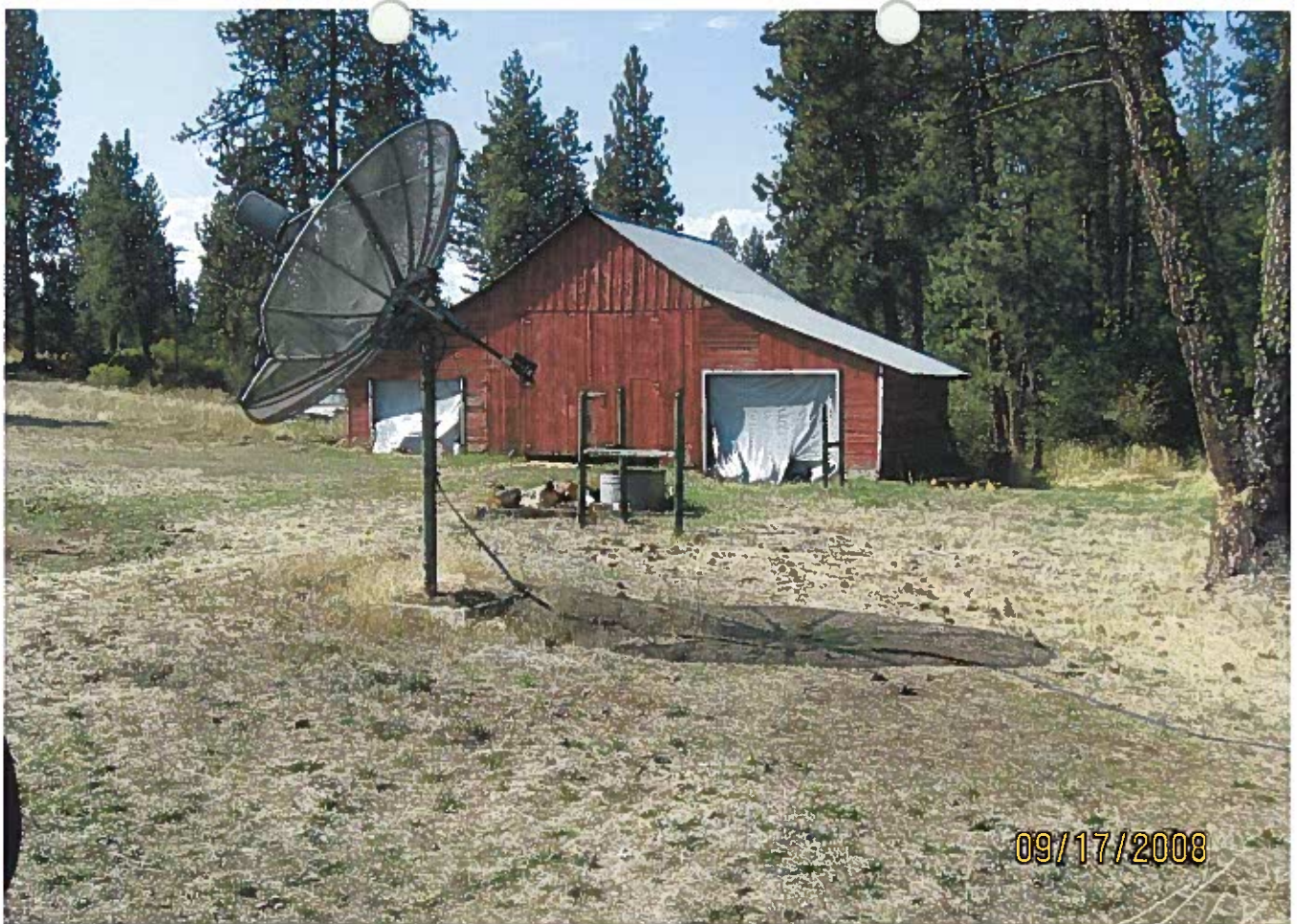
STOCKWATER PLACE OF  
USE.JPG

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