

[illegible]

Method of Determination: Field observation, 2006 NAIP, GPS

- 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

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<u>Well or Diversion 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 Size</u>
705424					

*Code to correspond with No on map and aerial photo

D. FLOW MEASUREMENTS

1

<u>Measurement 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:
 Single Domestic 0.04 CFS, 260 range cattle 0.02 cfs, total combined rate of 0.04 cfs

F. VOLUME CALCULATIONS

1 Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2 Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Spring Feeds into an inverted septic tank evaporator which causes the water to pool. The inverted evaporator has two 6" perforated pipes. This collection system was then placed approximated 2 feet underground. The perforated pipes feed a line which runs from the spring to 3 stock water troughs, a 700 gallon pressurizing tank for fire suppression, and a 1200 gallon pressurizing tank for the home. 100 PSI at home.

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>
STOCKWATER	01/01 to 12/31	0.020 CFS	
DOMESTIC	01/01 to 12/31	0.040 CFS	
<u>Totals:</u>		0.040 CFS	

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

Spring is trib to L. Pine creek

I. AUTHENTICATION

Field Examiner's Name Nate Arave Date 8/10/07

Reviewer Nate Arave Date 8/10/07

Comment Report

23-11225

1. narave 8/10/2007 Field Report Narrative

Comment: Spring Feeds into an inverted septic tank evaporated which causes the water to pool. The inverted evaporator has two 6" perforated pipes. This collection system was then placed approximated 2 feet underground. The perforated pipes feed a line which runs from the spring to 3 stock water troughs, a 700 gallon pressurizing tank for fire suppression, and a 1200 gallon pressurizing tank for the home. 100 PSI at home

2. narave 8/10/2007 POD

Comment: Updated shape

3. narave 8/10/2007 POD

Comment: Updated PLS

4. narave 8/10/2007 POU

Comment: Updated Shape

5. narave 8/10/2007 overlap analysis

Comment: No Water rights overlapping place of use or point of diversion

6. dgibson 12/13/2002 Permit Review

Comment: This permit has two places of use. The stockwater use is for 260 head of cattle.

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