

[illegible]

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).
 X Photo of Diversion and System Attached

4.

<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>
708711					

*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 X Additional Computation Sheets Attached

Measured Method:
 Deminimus Stockwater Hazen-Williams analysis attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: 6.7 acre feet per annum for 500 head of range cattle, trough is also used by local elk herd with population of 100+

G. NARRATIVE/REMARKS/COMMENTS

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	07/01 to 10/15	0.020 CFS	6.70 AF
<u>Totals:</u>		0.020 CFS	6.70 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 Nathaniel Arave Date 9/18/2007

Reviewer Nate Arave Date 9/20/07

Hazen-Williams Equation Calculator

Permit No. 31-7540

Enter These Parameters From the Worksheet

Pipe Diameter (ft)	0.085
Pipe Length (ft)	309
Elevation Drop (ft)	10
Values for Type of Pipe	130
Discharge (cfs)	0.01

Comment Report

31-7540

1. narave 9/20/2007 POD

Comment: Updated shape

2. narave 9/20/2007 POD

Comment: Updated PLS

3. narave 9/20/2007 Field Narrative

Comment: 30 gallon alluminum trash can with perforated bottom connected to 1 1/4
inche pipe to water trough, water visibly flowing at time of exam into trough

4. narave 9/20/2007 overlap review

Comment: there are no other water rights overlapping with this place of use, nor are
there any other water rights utilizing this point of diversion

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