

[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).
- ☒ Photo of Diversion and System Attached

D. FLOW MEASUREMENTS

1. Measurements: No measurement taken. Visual inspection of system suggests capacity of 0.04 cfs.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

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:

$$400 \text{ cattle} \times 12 \text{ gal/day} \times 365 \text{ days} / 325850 \text{ gal per acre-foot} = 5.40 \text{ af}$$

G. NARRATIVE/REMARKS/COMMENTS

Developed spring located within five feet of Birch Creek. Springbox and pump located within a locked shed. Pipe runs under Birch Creek road to a spigot located on the outside of stock corrals. Water used to fill one or two stock troughs.

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	0.040 CFS	5.40 AF
<u>Totals:</u>		0.040 CFS	5.40 AF

2. Recommended Amendments

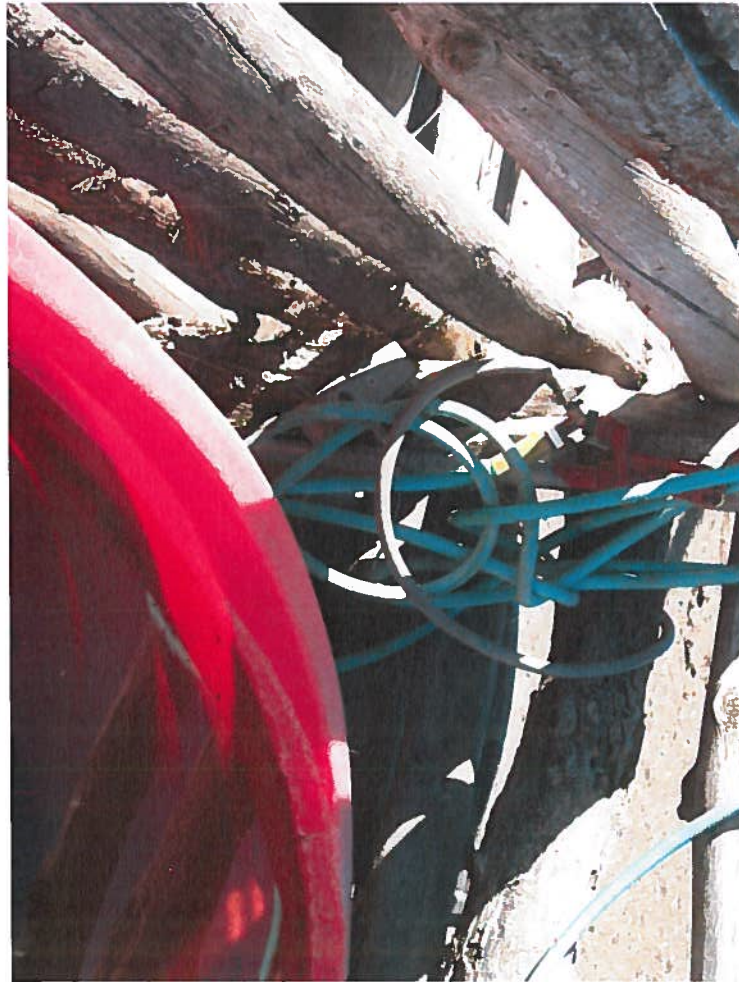
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

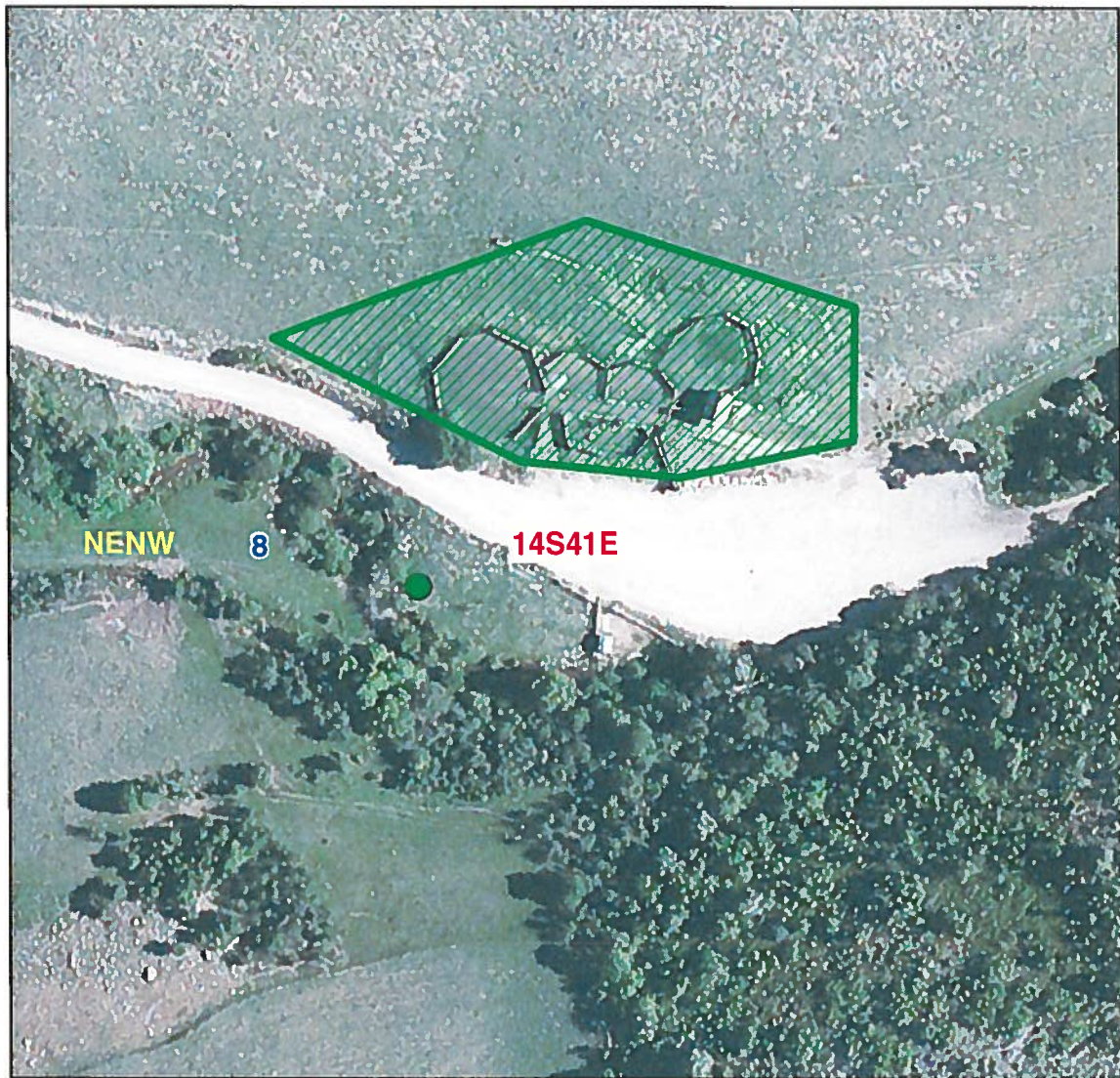
Field Examiner's Name James Cefalo Date 9/17/2012

Reviewer _____ Date _____

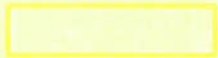




13-7588 (Wilde)



Legend

- Water Right POD
-  Water Right POU
-  Township/Range
-  Sections
-  QQ

0 0.025 0.05
Miles

