

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7564

Exam Date: 9/17/2014

1. Current Owner: HIGH DESERT ENTERPRISES LLC
2150 OLD HORNET RD
COUNCIL ID 83612
(208)599-3409

2. Accompanied by: Terry Andrade

Phone No:

Address:

Relationship to Permit Holder: General Partner

3. SOURCE

UNNAMED STREAM

TRIBUTARY

SINKS

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 SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM

NE1/4SW1/4

Sec. 36, Twp 12S, Rge 40E, B.M.

FRANKLIN County

Method of Determination: GPS location taken at the dam.

2.

PLACE OF USE: STOCKWATER STORAGE

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>	
12S	40E	36									X								

Method of Determination: On-site field inspection and aerial photography.

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

X 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>
Earthen dam					

*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: Not required for this permit.

E. FLOW CALCULATIONS

Measured Method: N/A

____ Additional Computation Sheets 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:

At the time of the exam, both the stream and the storage facility were dry. Therefore, the volume was estimated. The area of the pond was estimated to be 0.065 acres based on aerial photography. At the time of the exam Mr. Andrade indicated that the average depth of the pond during the spring, when it is full, is about 3 feet.

$$0.065 \text{ acres} \times 3 \text{ feet} = 0.2 \text{ acre feet}$$

G. NARRATIVE/REMARKS/COMMENTS

A field exam was needed in order to determine the location of the point of diversion and place of use because this was not evident based on the aerial photography alone. The storage under this permit was created by the construction of an earthen dam on an unnamed stream. The on-stream pond is used in conjunction with 12 other rights for the same herd of 1000 range cattle.

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 STORAGE	03/01 to 11/01		0.20 AF
<u>Totals:</u>			0.20 AF

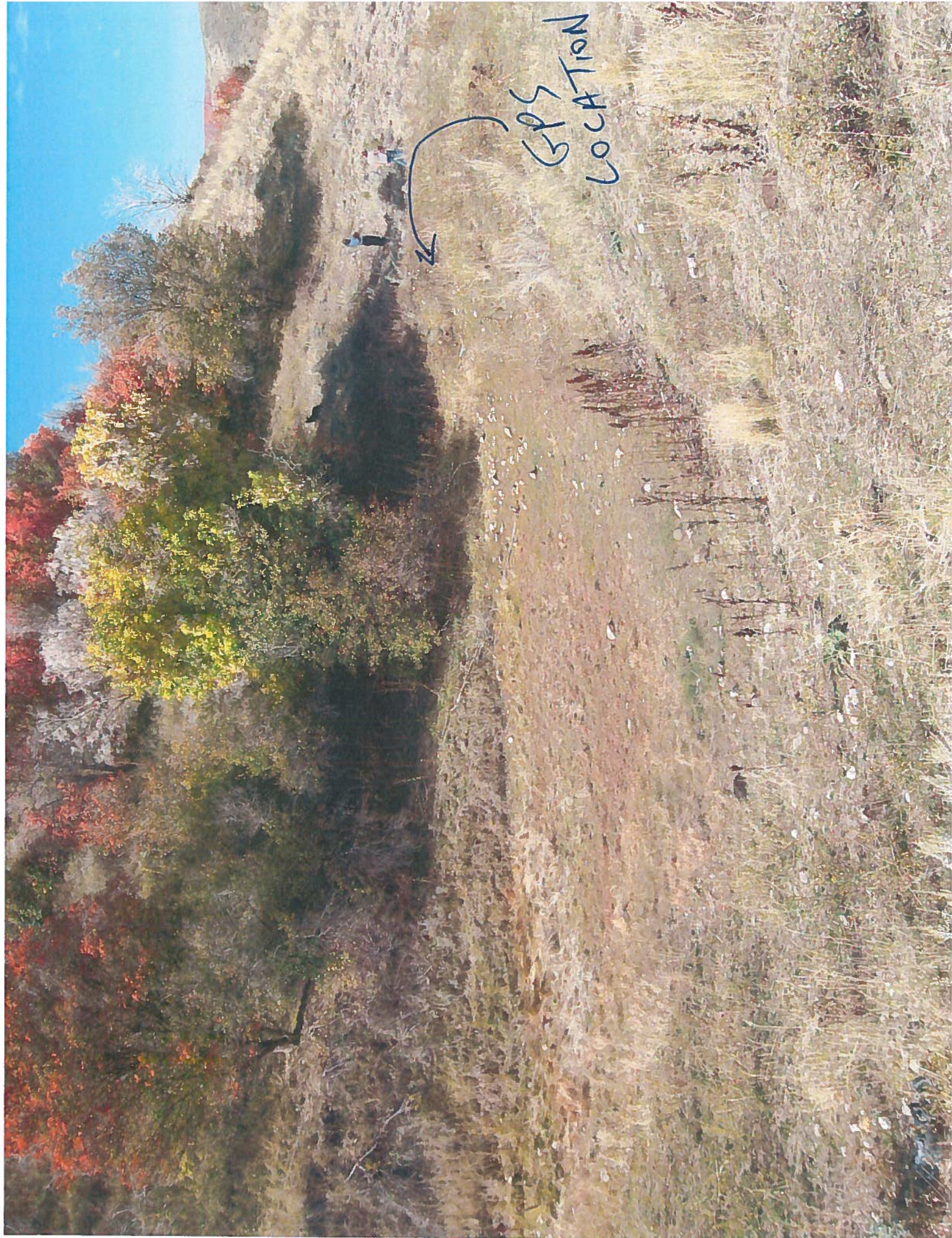
2. Recommended Amendments

☒ 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 Michael Hall Date 10/7/2014
 Reviewer James Cefalo Date 11/21/14





Idaho Department of Water Resources

Water Right
13-7564

(STOCKWATER STORAGE)

● Point of Diversion

□ Place of Use

□ State Outline

□ Townships

□ PLS Sections

□ Quarter Quarters

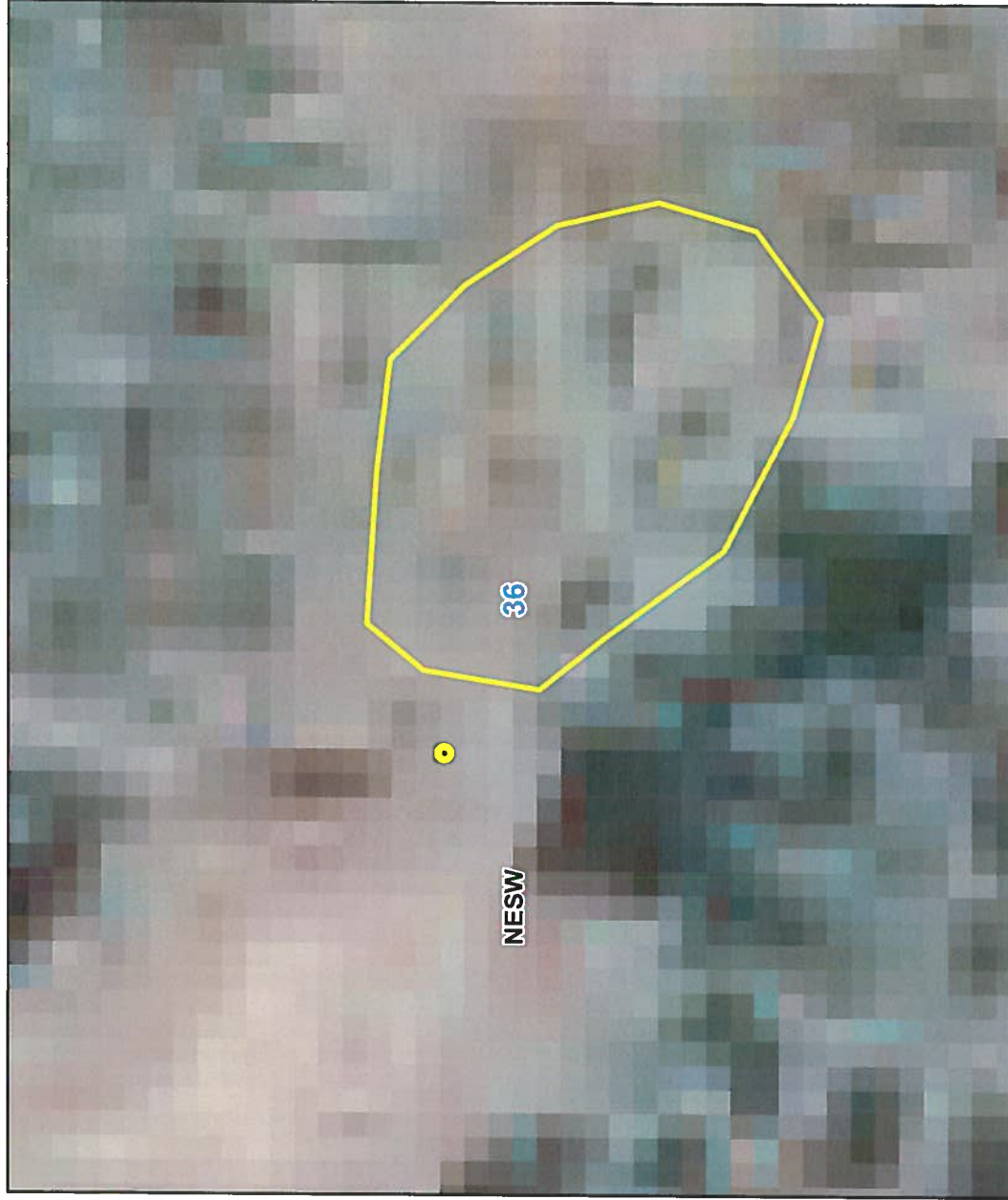


Franklin County
IDWR Basin 13

Prepared by Holliday, Michael

2009 Aerial Photography

40E



12S

