

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 33-14945

Exam Date: 07/14/2015

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Bear Mountain Ranch
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N

3. Beneficial Use Fees have been paid: X Y N Receipt No: C100720

4. SOURCE**TRIBUTARY**

Spring

Sinks

Method of Determination: Application information.

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis	Max cfs
33-14946	Spring	Stockwater	Permit	0.02
33-14967	Spring	Stockwater	Permit	0.02
33-14968	Spring	Stockwater	Permit	0.02

Comments: PIN: RP11N26E080001, RP11N26E170001, RP11N26E081801, RP11N26E190001 & RP11N26E194801

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: PIN: RP11N26E040601

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		SW	SW	SW	4	11N	26E	B.M.	Custer
								B.M.	

Method of Determination: Application Information and GIS Imagery.

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Stockwater

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11N	26E	8													X				
		Lot #																	
11N	26E	17	X													X			
		Lot #																	
11N	26E	19	X																
		Lot #																	
Total Acres =																			

Method of Determination: Troughs not clear on GIS Imagery. POU locations derived from Taxlot, application, contours, and road and trail scar information. Have pictures with statement of completion for 33-14948 of 1 maybe 2 troughs.

Change in POU? ____Y ____X____N Amendment Required? ____Y ____X____N

__ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

__ Aerial Photo Attached (required for irrigation of 10+ acres).

__ Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

D. FLOW MEASUREMENTS

1.Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: < _____ >

E. FLOW CALCULATIONS

____Additional Computation Sheets Attached

Measured Method:

Per application Processing Memo #3, 401-500 stock = 0.12 cfs 12 gpd/head 425 * 0.00022 = 0.09 cfs

Permit allowed = 0.02 cfs stockwater

License recommend for 0.02 cfs stockwater.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$

2. Volume Calculations for Other Uses:

Per application Processing Memo #3, 401 - 500 stock = 6.7 afa 12 gpd/head 425 * 0.0134 = 5.7

License recommend: Limiting Condition

G. PURPOSE OF USE

Irrigation ☐ N # Stock 425 Domestic # of Homes

Other:

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Application Information

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

Irrigation:

Headgate Requirement: 3.5, Consumptive Use: 2.5, Season of Use: 05/01 to 10/31

Water District: WD 33

Groundwater Management Area: None

Trust Area

Moratorium Area: ESPA

This permit is for one POD of 4 PODs that contribute to the same system. Per application information, spring water collected into 1000 gal holding tank then piped to troughs.

All 4 permits that are for this system have volume limitation of 13,000 gal/day and a combined cfs less than the recommended 22 gpd/head of 0.09 cfs. No combined limits needed.

Conditions:

The quantity of water under this right shall not exceed 13,000 gallons per day.

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

I. 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	0.02 CFS	N/A AF
<u>Totals:</u>		0.02 CFS	N/A AF
Volume Limiting Condition			

2. Recommended Amendments

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

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ X None

Other:

J. AUTHENTICATION

Field Examiner's Name David J. Turner Date 07/14/15

Reviewer Daniel A. Nela Date 7-23-15

33-14945



0 237.5475 950 1,425 1,900 Feet

D. Favreau

07/14/15

2013 NAIP

5

4

7

8

9

11N26E

18

17

16

19

20

21

33-14945, 33-14946,
33-14947, & 33-14947

0 237.5475 950 1,425 1,900 Feet

D. Favreau

07/14/15

2013 NAIP

5

4

7

8

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11N26E

18

17

16

19

20

21

33-14945, 33-14946,
33-14947, & 33-14947

0 37.5 75 150 225 300 Feet

D. Favreau

07/14/15

2013 NAIP

SESE

5

11N26E

SWSW

4

NENE

8

NWNW

9

33-14945, 33-14946,
33-14947, & 33-14947

0 245 490 980 1,470 1,960 Feet

D. Favreau

07/14/15

2013 NAIP

5

4

7

8

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11N26E

18

17

16

19

20

21

33-14945, 33-14946,
33-14947, & 33-14947



0 37.5 75 150 225 300 Feet

D. Favreau

07/14/15

2013 NAIP

SWSE

SESE

18

NWNE

NENE

11N26E

19

NWNW

20

SWNE

SENE

SWNW

33-14945, 33-14946,
33-14947, & 33-14947



0 37.5 75 150 225 300 Feet

D. Favreau 07/14/15

2013 NAIP

SENW

SWNE

NESW

NWSE

17

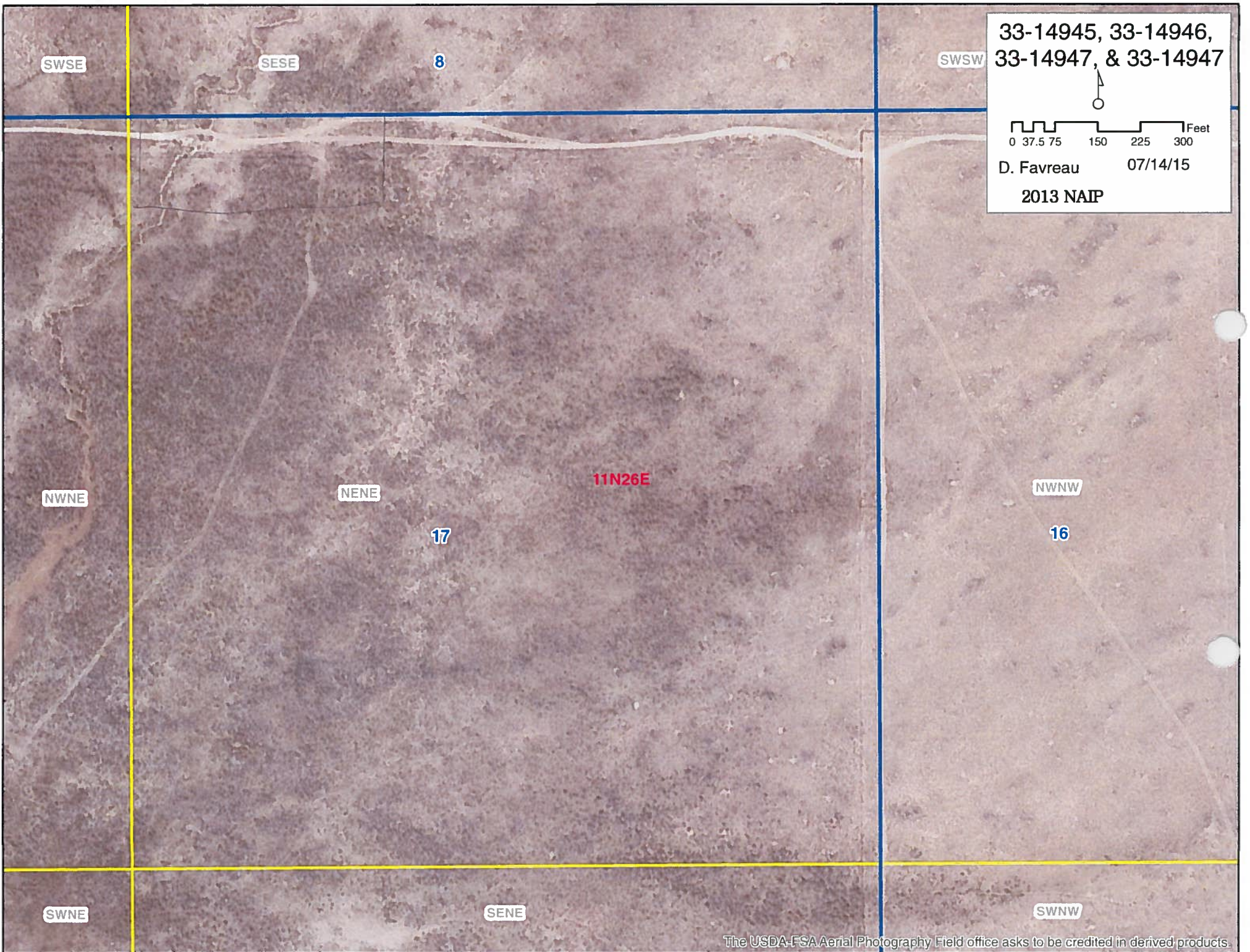
11N26E

NESE

SESW

SWSE

SESE



33-14945, 33-14946,
33-14947, & 33-14947

0 37.5 75 150 225 300 Feet

D. Favreau 07/14/15

2013 NAIP

SWNE

SENE

33-14945, 33-14946,
33-14947, & 33-14947



0 37.5 75 150 225 300 Feet

D. Favreau

07/14/15

2013 NAIP

NWSE

NESE

8

11N26E

NWSW

9

SWSE

SESE

SWSW