

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 33-7230

Exam Date: 1/29/2015

1. Current Owner: US DEPT OF INTERIOR
BUREAU OF LAND MANAGEMENT
1405 HOLLIPARK DR
IDAHO FALLS ID 83401
(208)524-7500

2. Accompanied by: In-office field exam

Phone No:

Address:

Relationship to Permit Holder:

3. **SOURCE**

SPRING

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 33-2151
2. Other water rights with the same point of diversion: none

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRING SW1/4SE1/4NW1/4 Sec. 36, Twp 06N, Rge 27E, B.M. BUTTE County

Method of Determination: GPS provided by BLM

2.

<u>PLACE OF USE:</u>			STOCKWATER																
Twp	Rge	Sec	NE				NW				SW				SE				
			<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>	<u>Totals</u>
06N	28E	29	X				X												
			L 1				L 3												
06N	28E	30							X										

<u>PLACE OF USE:</u>			WILDLIFE																
Twp	Rge	Sec	NE				NW				SW				SE				
			<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>	<u>Totals</u>
06N	28E	29	X				X												
			L 1				L 3												
06N	28E	30							X										

Method of Determination: Aerial photography and GPS (provided by BLM).

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: In-office field exam. No measurement required.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: In-office field exam. No measurement required.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses:

Stockwater: 118 range cattle X 12 gallons/day X 365 days = 1.6 acre-feet

Wildlife: Assumed volume = 1.0 acre-feet

Total volume = 2.6 acre-feet.

G. NARRATIVE/REMARKS/COMMENTS

In-office field exam. BLM provided GPS points for the spring box and troughs. The permit describes one of the troughs being located in Lot 3 (NENW), 06N, 28E, Section 29. According to Aerial photography this trough is located right on Section 20 and Section 29 boundary line. However, considering that there may be a slight discrepancy in how aerial photography was rectified to the Public Land Survey System, the place of use for this trough will be described in Lot 3 (NENW), 06N, 28E, Section 29.

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	1.60 AF
WILDLIFE	01/01 to 12/31	0.010 CFS	1.00 AF
<u>Totals:</u>		0.020 CFS	2.60 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 Blake Jordan Date 1/29/2015

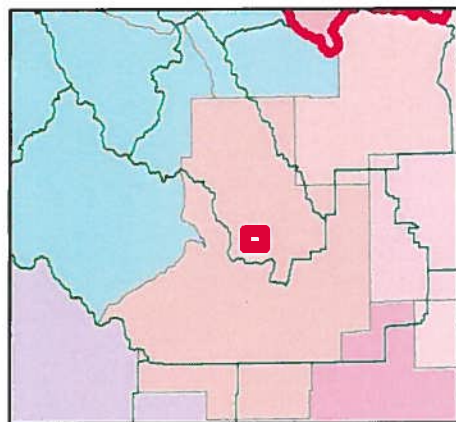
Reviewer _____ Date _____



Idaho Department of Water Resources

Water Right
33-7230
(STOCKWATER)

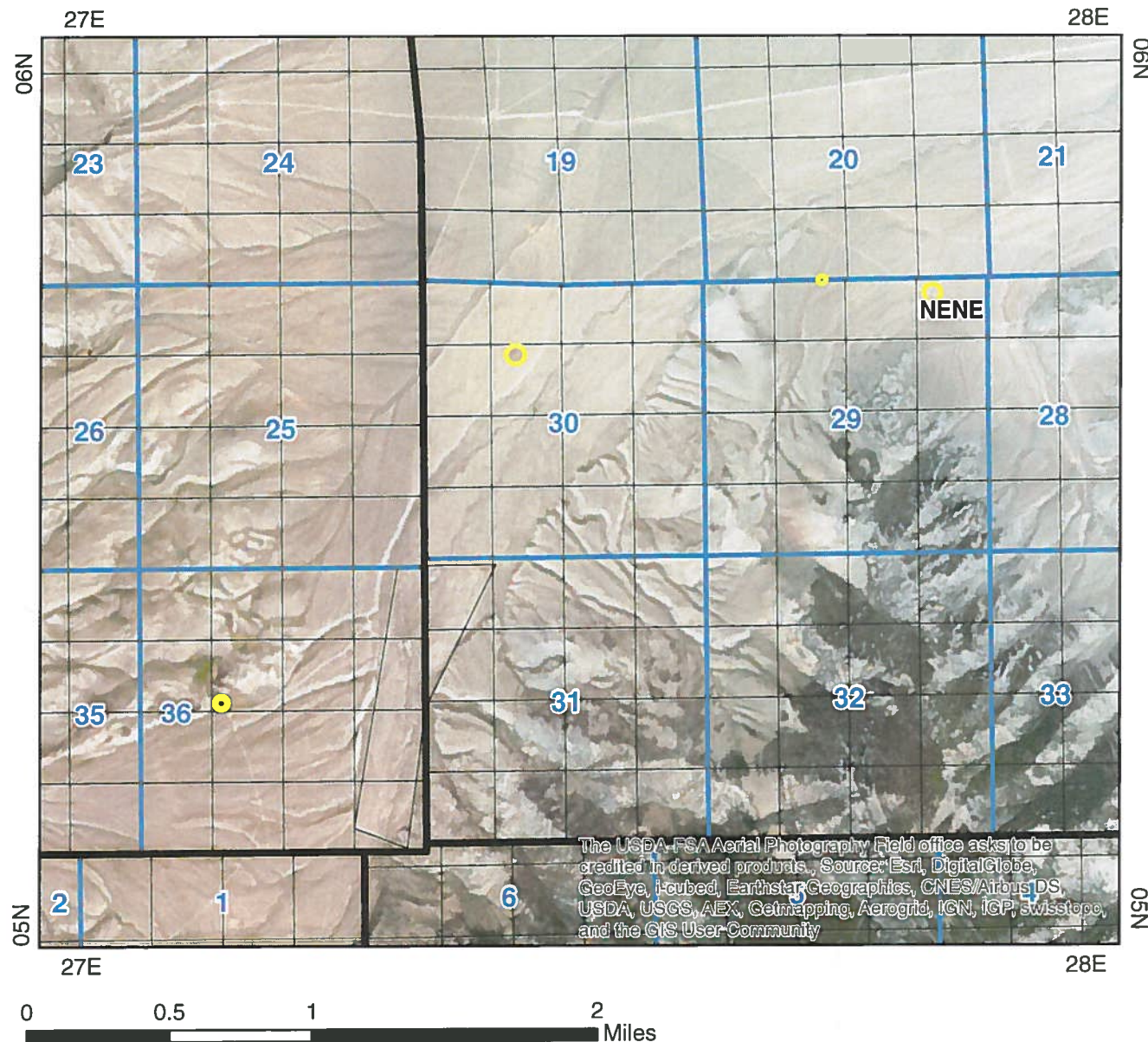
-  Point of Diversion
-  Place of Use
-  State Outline
-  Townships
-  PLS Sections
-  Quarter Quarters



Butte County
IDWR Basin 33

Prepared by Jordan, Blake

ESRI Imagery



Jordan, Blake

From: Teel, Deena [dteel@blm.gov]
Sent: Wednesday, January 28, 2015 4:17 PM
To: Jordan, Blake
Subject: Re: Beneficial Use Exam for permit 33-7230
Attachments: 33_7230_ClaraPipeline.cpg; 33_7230_ClaraPipeline.dbf; 33_7230_ClaraPipeline.prj; 33_7230_ClaraPipeline.sbn; 33_7230_ClaraPipeline.sbx; 33_7230_ClaraPipeline.shp; 33_7230_ClaraPipeline.shp.xml; 33_7230_ClaraPipeline.shx

Hi Blake,

I have attached all the components of a shapefile for 33-7230. We collected GPS data on the spring and troughs in 2002. The spring is actually located on land administered by the US Forest Service. The datum is NAD 83. Let me know if you need anything else.

Deena

Deena Teel
Supervisory Natural Resource Specialist
BLM - Upper Snake Field Office
1405 Hollipark Drive
Idaho Falls, ID 83401
208.524.7533 office
208.524.7505 fax

On Tue, Jan 27, 2015 at 3:00 PM, Jordan, Blake <Blake.Jordan@idwr.idaho.gov> wrote:

Hi Deena,

I am trying to complete an in-office field exam for permit 33-7230. Using aerial photography I can locate the three troughs, but I am having trouble determining the location of the point of diversion (spring box). I was wondering if you could provide a gps location of the spring box for this permit?

Thanks,

Blake