

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

A. GENERAL INFORMATIONPermit No: 74-7366

Exam Date: 07/24/12

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

2. Current Owner: Name: Bureau of Land Management
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No: Address

3. Beneficial Use Fees have been paid: X Y N Receipt No: C044381

4. **SOURCE** **TRIBUTARY**
- Negro Green Creek Texas Creek
- Method of Determination: See Memo from Dan Nelson dated 06/13/14
- Change in Source: Y X N

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

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

Water Right No.	Source	Purpose of Use	Basis
74-15450	Negro Green Creek	Stockwater	Permit

Comments: 74-81, 74-84, 74-128 are private rights from ditch. POD is the same as 74-15450.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Negro Green Creek			NE	NE	27	14N	26E	B.M.	Lemhi

Method of Determination: See Memo from Dan Nelson dated 06/13/14

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

Permit No: 74-7366

Page 3

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

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

2. Volume Calculations for Other Uses:

Per Application Processing Memo #3, sec. 3 $300 \times 0.0134 = 4.0 \text{ afa}$

Per Application Processing Memo #3, 201-300 range cattle = 4.1 afa

License recommend for 4.0 afa.

G. PURPOSE OF USE

Irrigation N # Stock 300 cattle Domestic # of Homes

Other: Wildlife

Change in Purpose of Use? Y X N

Method of Determination: Photos provided by permit holder.

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

Locally known as Nez Perce Pipeline

Headgate: 3.5 Cons. Use: 2.5

Water District 74W

Wild and Scenic Watershed – Salmon R. excluding Mid. F.

POD on USFS land

74-7366 and 74-15450 are the same pipeline.

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	05/15 to 10/15	0.04 CFS	4.0 AF
<u>Totals:</u>		0.04 CFS	4.0 AF

2. Recommended Amendments

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

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

Other:

J. AUTHENTICATION

Field Examiner's Name Donnell Farnum Date 06/13/14

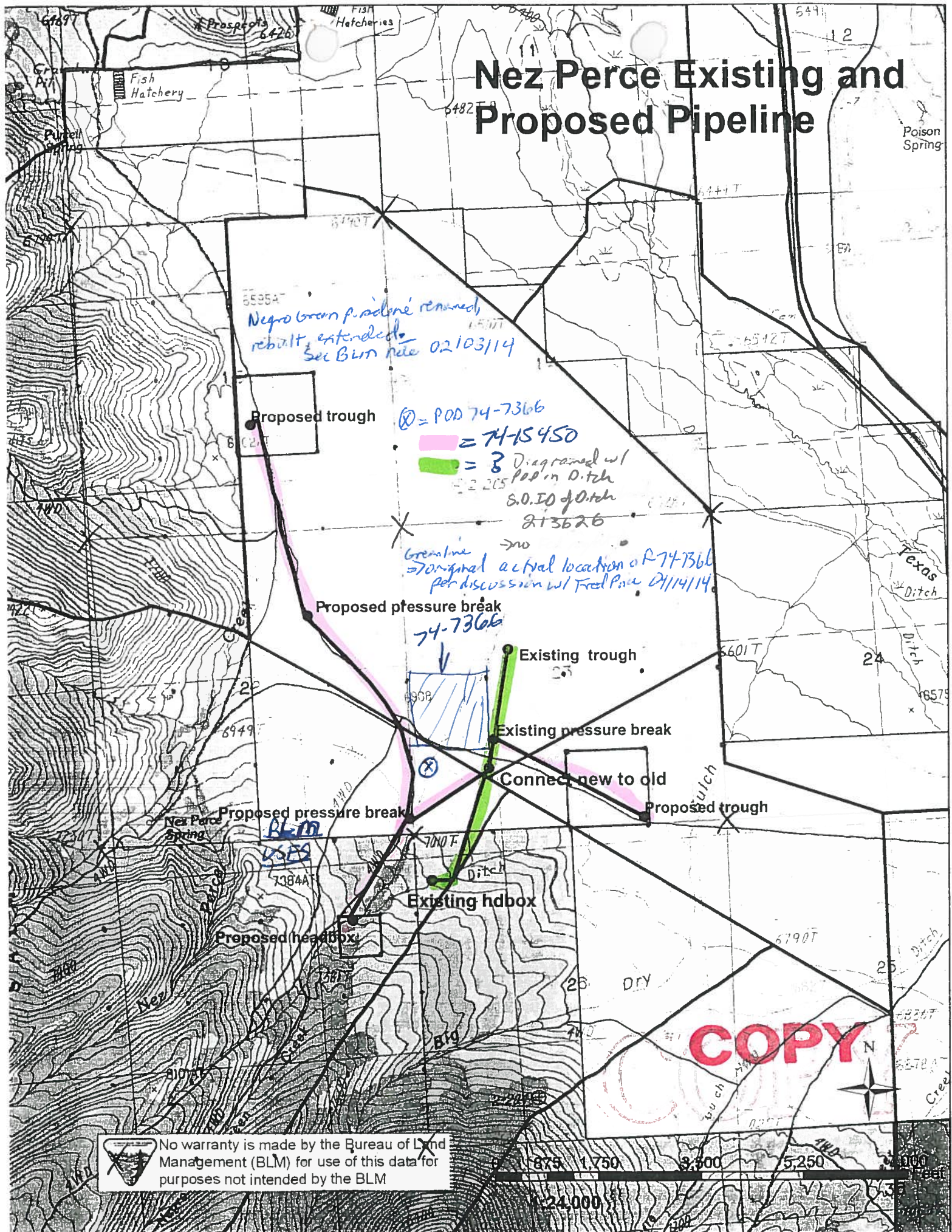
Reviewer David A. [Signature] Date 6-23-14

POU													
Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
74	7366			Water Permit		Active	N	102551	12/6/1996	0.04	NEGRO GREEN CREEK	STOCKWATER	US DEPT OF INTERIOR
		Other Owner		Leased to Wate	Application ID	Approval Date	Total Acres	Acre Limit	Volume		Water District		
				No		3/14/1997					74W - Texas, Hawley, Timber, Junction, Bull, Jake and Canyon Creeks		

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[illegible]

Nez Perce Existing and Proposed Pipeline



No warranty is made by the Bureau of Land Management (BLM) for use of this data for purposes not intended by the BLM

Nez Perce Pipeline

NAIP 2011 imagery

Pressure valve "blow-out"
Trough overflows

15



POU 74-15450

14

14N26E

22

POU 74-7366



23

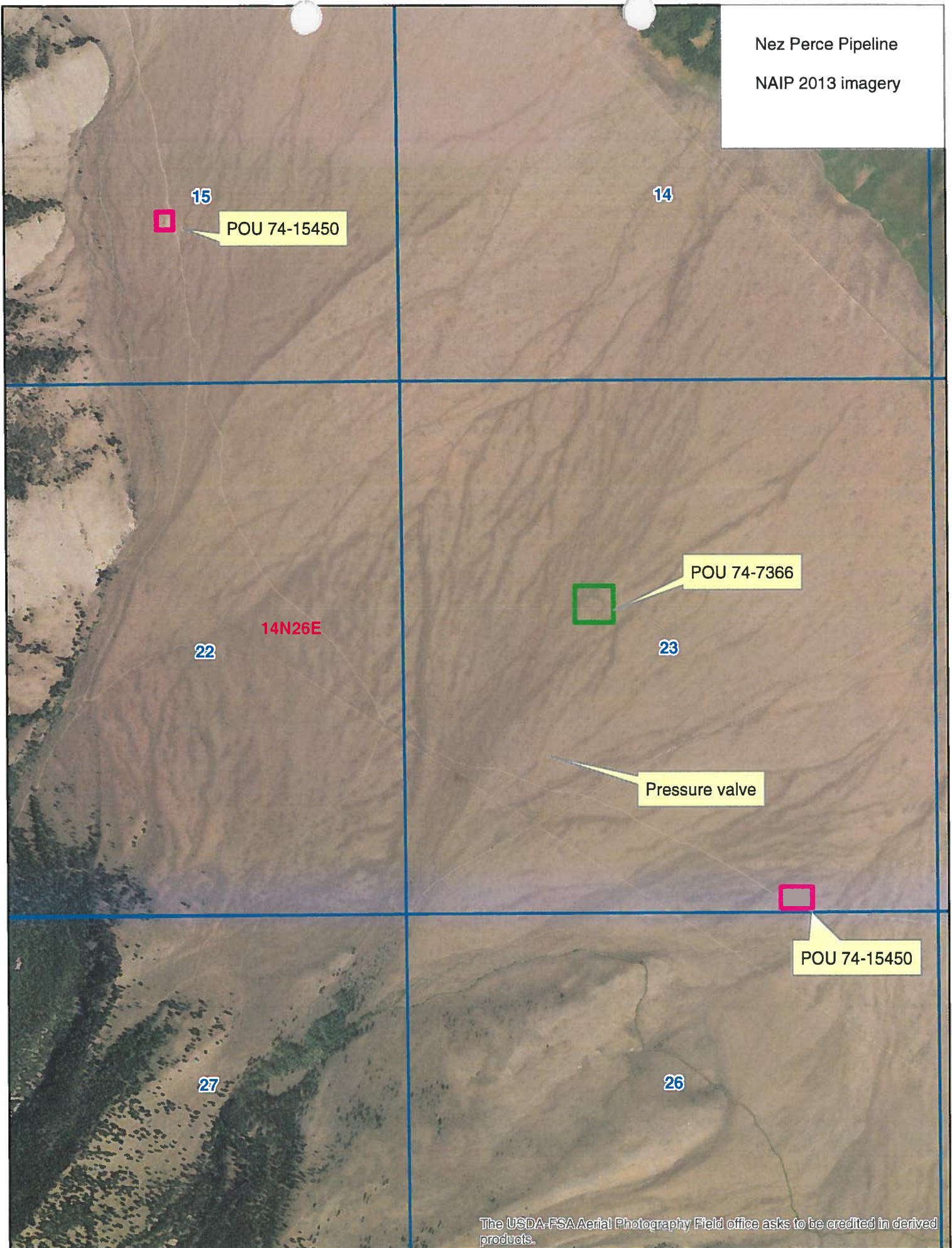
Pressure valve

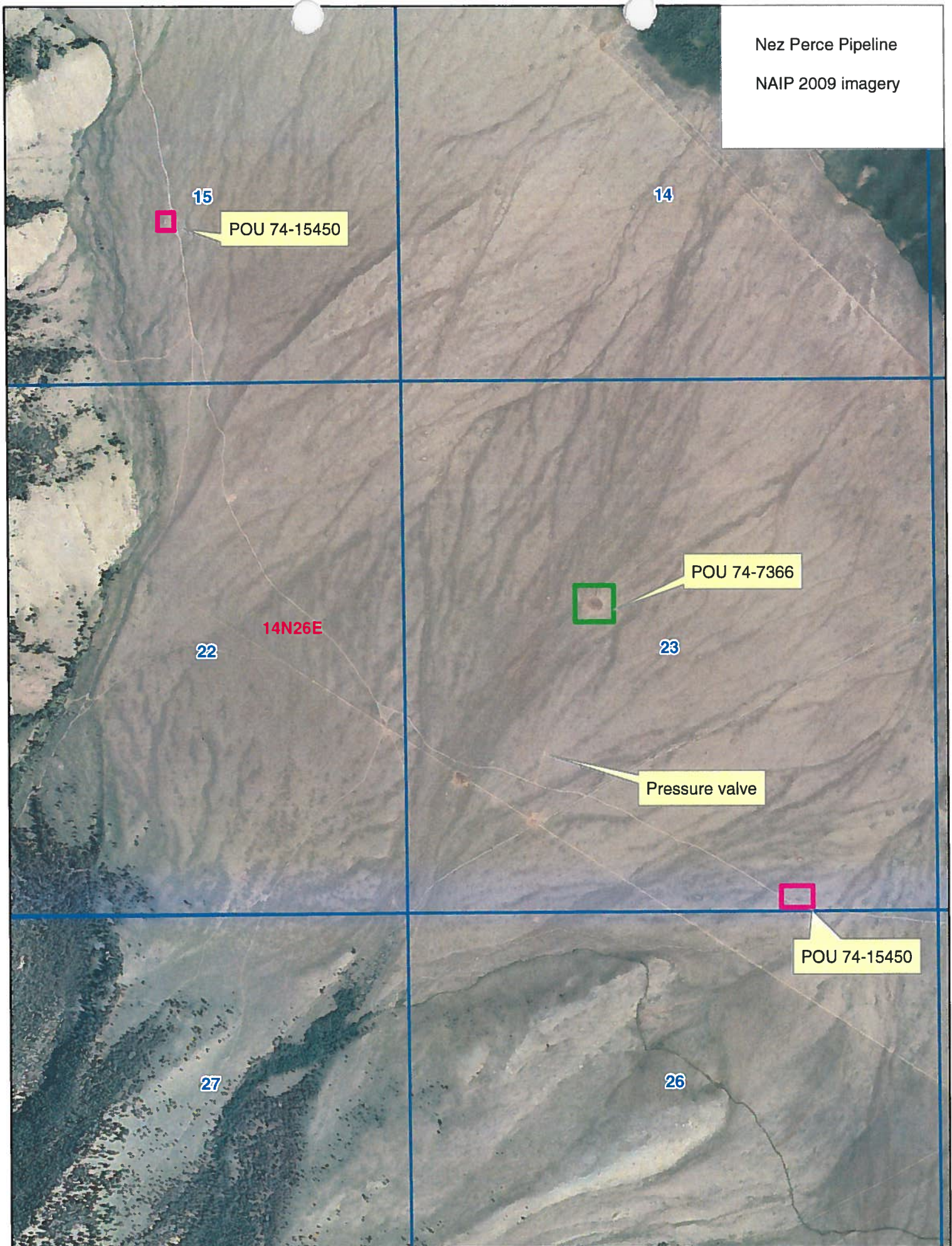


POU 74-15450

27

26





Nez Perce PL
74-7366

POU 74-15450

⊙ last trough
on line

Nez Perce

Nez Perce

POU 74-7366

⊙ 2nd trough

2nd
• Pressure
Box

1st
Pressure box

POU
74-1540

Negro Green

⊙ old trough
Not
functional

POU 74-15450
current 74-7366

Head box

old
head box
Not functional
→ original
old
73-7366
POU

T 14 NR 26 E

MEMORANDUM

TO: File 74-7366 and 74-15450

FROM: Daniel Nelson – Staff Hydrologist

DATE: June 13, 2014

SUBJECT: Review of System for Licensing

I was asked to review the records for this permit and determine the location and system for this permit. I met with the staff in the Salmon BLM office, and I feel I have a good understanding of how this system operates.

This system is known as the Nez Perce Pipeline. The Nez Perce Pipeline was originally diverted from a ditch in the NWNW of Section 26 in Township 14 North, Range 26 East. The old pipeline for this permit ran Northeast to a single water trough in the SENW of Section 23. The old system was covered under water right 74-7366. In the early 2000's, the point of diversion for 74-7366 was moved to divert directly from the stream in the NENE of Section 27. This is the same general diversion point for the ditch. The new pipeline travels in northerly direction to water trough in the NESW of Section 15. Approximately ½ mile north of the diversion, a spur takes off to the east and then to the north to supply the water trough in the SENW of Section 23. There is a spur off this line that travels southeast to third water trough, but this water trough is no longer functional.

Water right permit 74-7366 will need to be amended to describe the new diversion point on the creek. The diversion point originally described in the permit was incorrect anyway, so it is best to describe the current diversion point. The only trough that can be described as a place of use in water right permit 74-7366 is the trough in the SENW of Section 23.

Water right permit 74-15450 will also need to be amended to properly describe the correct location of the point of diversion. The place of use allowed for this permit was be the water trough in the NWSE of Section 15 and the broken trough in the SWSE of Section 23. The trough in the SENW is already covered under water right 74-7366 from the same system. Even though the water trough in the SWSE of Section 23 is broken, it was in place and operational when proof was filed, so it needs to be included on the license.

I have attached a system diagram that I have created and pictures taken from the project files in the BLM office in Salmon to this memo.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Project or
Job Number: 365088

Maintenance Responsibility

PROJECT INSPECTION AND MAINTENANCE RECORD

1. State ID	2. Office 340	3. Allotment Number or Activity Plan Area	4. Project/Job Name Nez Perce Pipeline
5. Location T. 14 N R. 26 E Sec. 23 ¼ Sec.		6. Type of Improvement: Water	
7a. Last Inspection (Date)		b. Condition or success of improvement ☒ good ☐ fair ☐ poor ☐ failure	
c. Apparent reasons for failure or success New projects have been installed and are in good working condition.			
8a. Recommended Action ☒ Normal Maintenance ☐ Reconstruction ☐ Salvage or other use ☐ Abandon ☐ Other ☐ Notify user/cooperator responsible for maintenance			
b. Describe needed repairs or treatment Vince, the hired man, wants to move one of the pressure boxes closer down the line to a trough; it doesn't have good pressure.			
c. Document existing noxious weed species and extent of infestation (if none, state "none observed") Some mustard observed around trough			
d. Estimated cost of maintenance needs \$		e. Last maintenance completed	
9a. Fiscal year maintenance work programmed		b. Next Inspection (date)	
Remarks (include recommendation on remedial management practices, etc., and support with photographs)			



Existing Trough



Existing Trough – Weeds Detail



Pressure Break 1



Pressure Break 2



Pressure Break 3



Proposed Headbox



Proposed Trough 1 – North



Proposed Trough 2 – South

Signature of Inspector
Lauren Alnwick-Pfund

Title
Range Technician

Date
6/22/2009

UNITED STATES
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Existing Trough



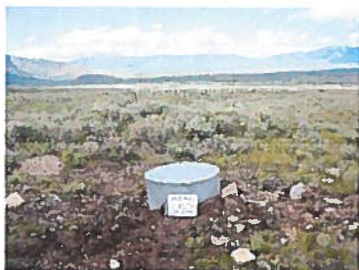
Existing Trough – Weeds Detail



Pressure Break 1



Pressure Break 2



Pressure Break 3



Proposed Headbox



Proposed Trough 1 – North



Proposed Trough 2 – South

Signature of Inspector
Lauren Alnwick-Pfund

Title
Range Technician

Date
6/22/2009

February 3, 2014

Danielle,

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FEB 06 2014

DEPARTMENT OF
WATER RESOURCES

74-7369 Photos will be taken when access is feasible (snow and elevation). The location of the head box and first trough will be investigated this spring. The location of the second trough as depicted on the map is correct.

74-15574 The head box is steel and the perforated holes drilled along the lower half of the conduit are 3/8 inch. Will need to hike into this project this spring, access is limited without permission.

75-15617 The head box is steel with perforated holes along the lower half being 3/8 inch. Couldn't find any information on whether the historic use relates to 74-11949 or 74-11950.

75-7621 The trough in section 35 is connected to the head box found in section 34. The troughs shown in the photo are empty due to season of use.

75- 14088 Will send map, photos and GIS points when access is available in the spring. Elevation and snow prohibit access at this point.

74- 15027 Water enters the conduit from the spring source through 3/8 inch perforated holes drilled along the lower half of the steel culvert. Extension of 74-1442 and 74-71 98 ?

74-15028 The trough numbers have been added to the photos on the map as requested.

74-15606 This project has been tied into the Cold Spring project. As far as any one knows the Cold Spring project does not function any longer so the two troughs that were tied to that line are now the last two troughs on 74-15606. One photo of the last trough on the former Cold Spring line, now the Railroad Tanker PL Extension has been taken.

74-15635 The first trough on the line is covered under 74-15635. As far as the trough in section 18, no one can remember if this is tied to 74-15635. Will follow up with a field investigation when the weather permits this spring.

74-15733 Having looked at aerial photos and following the water course, the water from this spring source does not get diverted to private land. It eventually subs into the soil after running intermittently on the surface.

74-7366 This pipeline was rebuild after the Negro Green line became non-functional. Have listed on the map where the head box, pressure breaks and troughs are, as well as the old head box and trough locations. Not sure if the old trough shown on the map is holding water, though have marked it non-functioning.

Also, if you could direct me to a site that has the project names tied to the water right permit numbers I'd be obliged. Thanks, Elias

Improvement Master Report Improvement Information

BLM Office: LLIDI04000 - ID/Salmon FO **RIPS**
Begin Date: 10/01/1997 **Project Number:** 365088
Abandoned Date: **Completed Date:** 09/30/1998
Improvement Name: NEZ PERCE PIPELINE **Financial Project Code:**
Management Objective: Livestock Grazing Management **Improvement Type:** Water Control/Development
Construction Agreement: Cooperative Agreement **Maintenance Responsibility:** Range User
Habitat Type: **Last Inspection Year:** 2002
Management Plan Type: Other **Inspection Cycle:** 3

Location

Geographic State: Idaho **Geographic County:** Lemhi **Meridian:** Boise
Township: 14N **Range:** 26E **Section:** 23 **Subdivision:**

Units Completed

Improvement Project ID	Project Phase:	Fiscal Year:	Units:	Description:	Units:	Description:
32570	New	1998	0.5	Number of Watering Points	0.0	Length in miles to the tenth

Improvement Details

Improvement Class: Pipelines
Treatment Class: **Plant or Weed Control Method:**
Chemical Common Name: **Chemical Trade Name:**
Seeding Method: **Species Benefited Group:**

Species Name	Plant or Animal	Type of Effect:	Threatened and Endangered Species:
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Watershed Tillage

Method:

Environmental

Assessment #:

Water-Right Number:

Acre Feet of Water Stored:

Beneficial Salinity Control Effects:

Miscellaneous Information

Project 1: **Project 2:** **Undefined 1:** **Undefined 2:**
Improvement Notes:

Management Units

Allotment Number: 06317 **Watershed Management Area:** **Wildlife Management Area:** **WH&B Herd Area:**

Cooperator Costs

Cooperator Type:	Cooperator Name:	Contributed Material Cost:	Contributed Labor/Equipment Cost:
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Nez Perce PL
74-7360

• last trough
on line

Nez Perce

Nez Perce

T 14 NR 26 E

• 2nd trough

• 2nd
pressure
box

1st
pressure box

Negro Green

• old trough
Not
functioning

old
head box
Not functioning

Center Ridge
Texas Creek

Lower Riparian

1st pressure box Noy Pierce PL- 74-7366



Buried head box - Noy Pierce PL
74-7366

PL leading from headbox
74-7366



2nd Trough on line
74-7366

Last trough on line



2nd pressure box Noy Price PL.
74-7366

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NOV 04 2013

DEPARTMENT OF
WATER RESOURCES

October 30, 2013

Danielle,

I am sending you the information you requested. I still need to collect more information on certain projects, ie; photographs of projects in remote areas (Cabin Creek). In reviewing an updated file map on 74-15027, Bull Summit PL Spur, it appears that there are 9 troughs on the line. I will need to look at this entire line when the weather permits and take the appropriate photos. One trough was added to the Gary Pipeline in 2003 making for four troughs on the line. In looking at aerial photos of the spring related to the Clear Creek Pipeline, I can't see where any water from the drainage is diverted for private use. I will continue to check these projects out when in the field.

74-07366, Negro Green Pipeline, this is the same project as 74-15450, Nez Perce Pipeline.

74-15617, McDevitt Pond Spring, is simply Pond Spring

74- 15635, MBC Pipeline was changed to Spahn Spring.

I have tried to clean up some of the maps that were sent before. Some projects were GPS's more than once over time and this has caused some overlay problems. This may have been the situation with dots and stars appearing on some maps. I will continue to work with our GIS coordinator and range conservationists in getting the information updated and as correct as possible. As far as locking the spring boxes with pad locks, this would create problems for permittees and BLM personnel in having to keep track of keys and or combinations. Maintenance responsibilities can fall to both, most often with the permittee under Co-op Agreements. The same with floats and valves. They don't always get repaired when they fail or get broken. The steel culverts and fiber glass head boxes used are all perforated by the operations crew prior to installment. The holes are drilled to sit below ground level and not always visible in photographs. Some file updating has been lax. Extensions to existing projects such as pipelines don't always get added to the files and over time fall through the cracks. It has been an experience in trying to track down what has occurred over the years and piece it all together. If you have any questions, and I'm sure you will, don't hesitate to write or call. I have as many to try and answer myself.

Elias