

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

A. GENERAL INFORMATIONPermit No: 74-15450

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: C089104

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
74-7366	Negro Green Creek	Stockwater	Permit

Comments: 74-10373 is an instream stockwater right. 74-81, 74-84, 74-128 are private rights from ditch, different POD.
 POD is the same as 74-7366.

C. DIVERSION AND DELIVERY SYSTEM1. **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? X Y N Amendment Required? X Y N

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

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	26E	15														X			
		Lot #																	
14N	26E	23															X		
		Lot #																	
Total Acres =																			

Method of Determination: Photos from permit holder. Troughs visible on GIS Imagery. Two Troughs under this permit - See Memo from Dan Nelson dated 06/13/14

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:

0.02 cfs below recommendation of Application Processing Memo #3 for 600 head.

Application Processing Memo #3 for 600 head = 0.16 cfs. Combined cfs for 74-7366 (0.04 cfs) and 74-15450 (0.02 cfs) is still under the recommended amount. No combined limits needed.

Permit allowed = 0.02 cfs

License recommend for 0.02 cfs.

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, sec. 3 $600 \times 0.0134 = 8.0 \text{ afa}$

Per Application Processing Memo #3, 501-600 range cattle = 8.1 afa

License recommend for 8.0 afa.

G. PURPOSE OF USE

Irrigation N # Stock 600 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 Extension

Headgate: 3.5 Cons. Use: 2.5

Water District 74W

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

Fish Screen condition – Diagram supplied by BLM indicating 3/8 in screen.

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	01/01 to 12/31	0.02 CFS	8.0 AF
Wildlife	01/01 to 12/31	0.02 CFS	8.0 AF
<u>Totals:</u>		0.02 CFS	8.0 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 X None

Other:

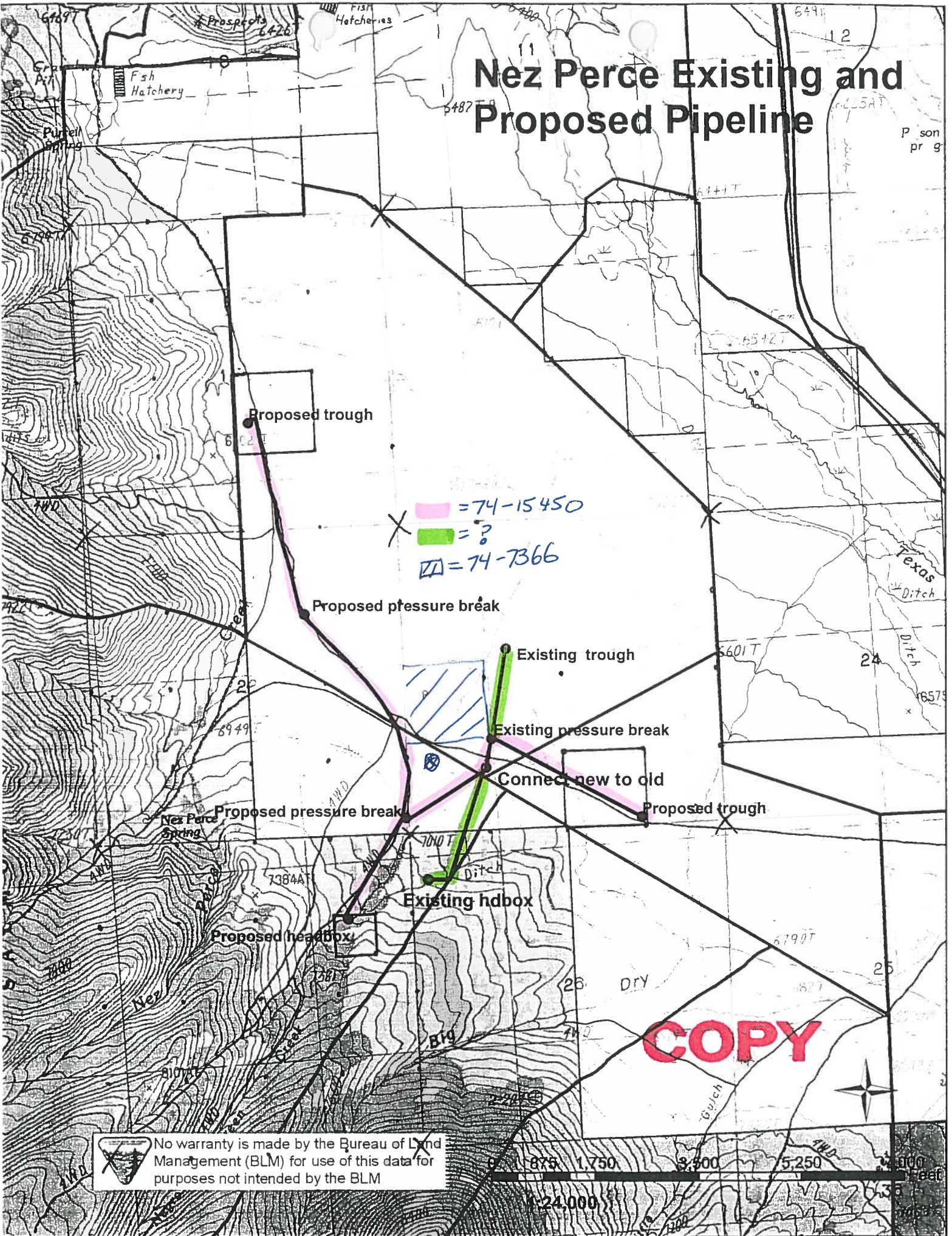
J. AUTHENTICATION

Field Examiner's Name Darrell Fenn Date 06/13/14

Reviewer Daniel A. Mohr Date 6-23-14

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
74	15450			Water Permit		Active	N	580506	8/1/2004	0.02	NEGRO GREEN CREEK	STOCKWATER, WILDLIFE	US DEPT OF INTERIOR
			Other Owner	Leased to Water	Applica	Approva	Total A	Acre Limi	Volume		Water District		
			No				5/30/2005				74W - Texas, Hawley, Timber, Junction, Bull, Jake and Canyon Creeks		

Nez Perce Existing and Proposed Pipeline



Nez Perce Pipeline Extension
Trough 1

74-15450



037.5 150 225 300 Feet

D. Favreau 07/23/12

SESW

SWSE

14N26E23

SESE

NENW

NWNE

14N26E26

NENE



Nez Perce Pipeline Extension
Trough 2

74-15450



0 40 80 160 240 320 Feet

D. Favreau 07/23/12

SENW

SWNE

NESW

NWSE

14N26E15

NESE

SESW

SWSE

SESE



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
74-15450

Negro Green

old trough
Not
functional

POU
74-7366
74-15450

Head box

old
head box
Not functional

Nez Perce Pipeline
NAIP 2011 imagery
Pressure valve "blow-out"
Trough overflows

15



POU 74-15450

14

What
is
this?

14N26E

22

POU 74-7366



23

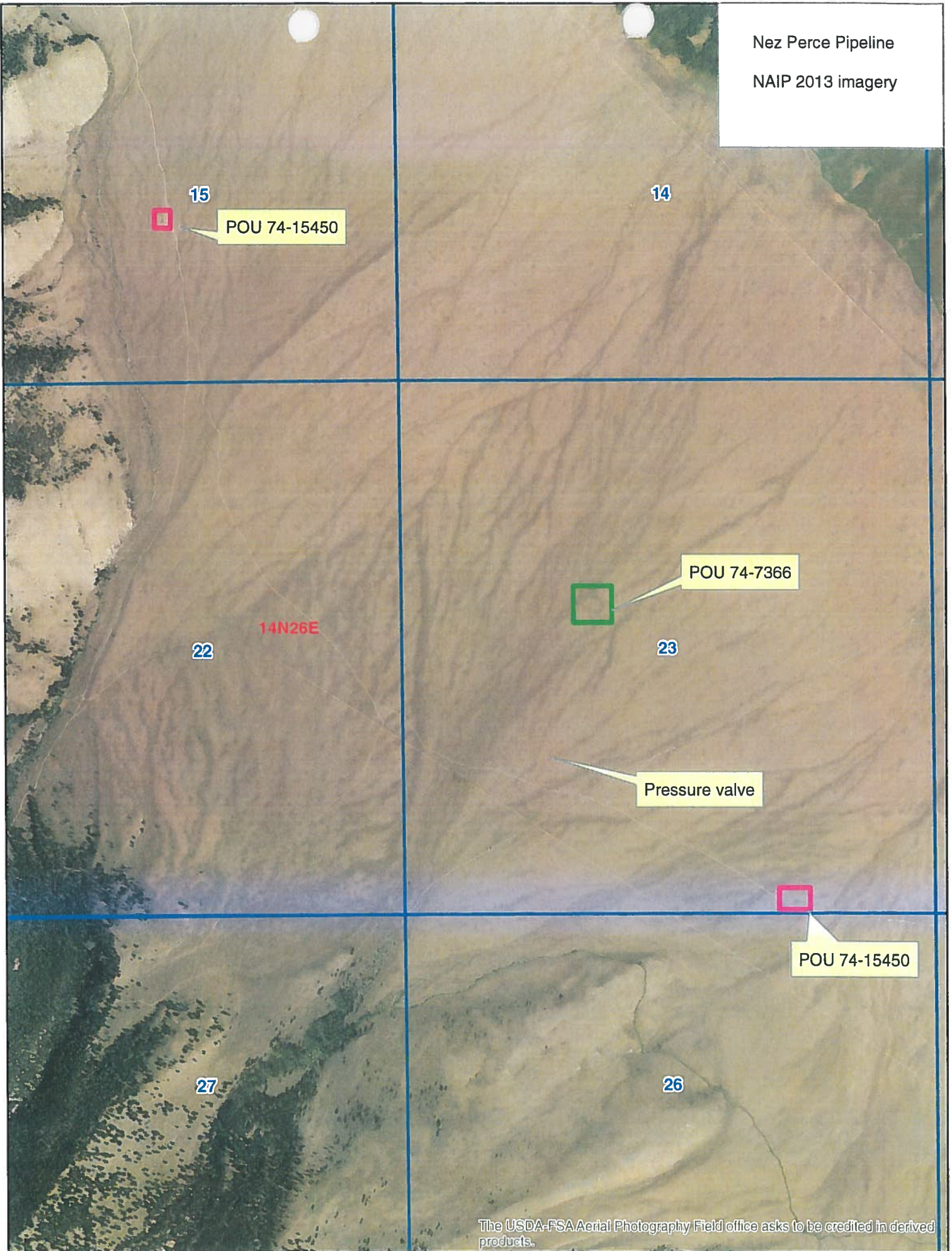
Pressure valve

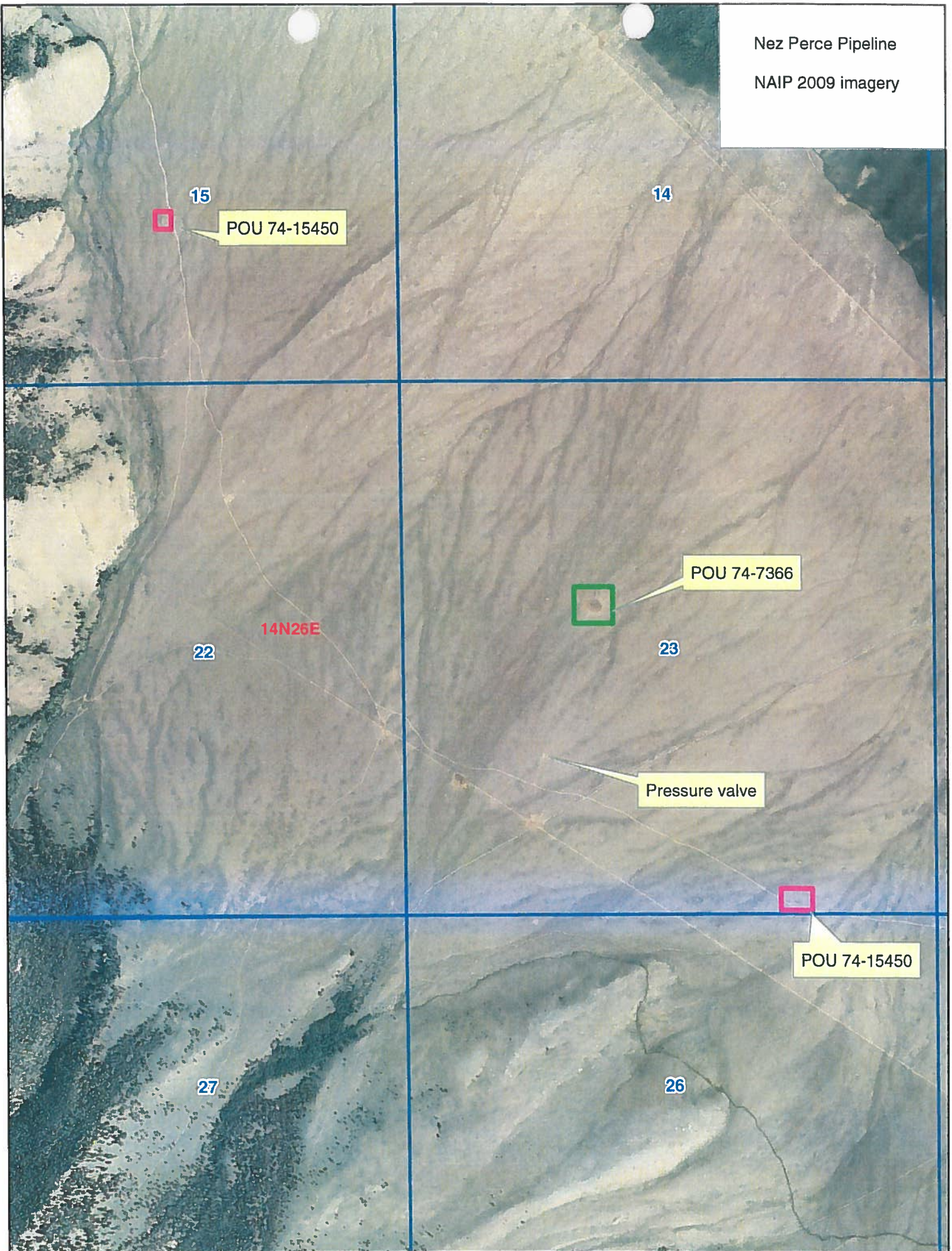


POU 74-15450

27

26





Nez Perce Existing and Proposed Pipeline

Proposed trough

Proposed pressure break

Existing trough

Existing pressure break

Connect new to old

Proposed trough

Existing hdbox

Proposed headbox

Nez Perce Spring

Fish Hatchery

Prospect

Hatcheries

Poison Spring

74-15450

74-7366

0.10 of ditch bank

Spoke to Prod Price 04/14/14 before green actual loc of 74-7366 originally

BLM

USFS

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

COPY

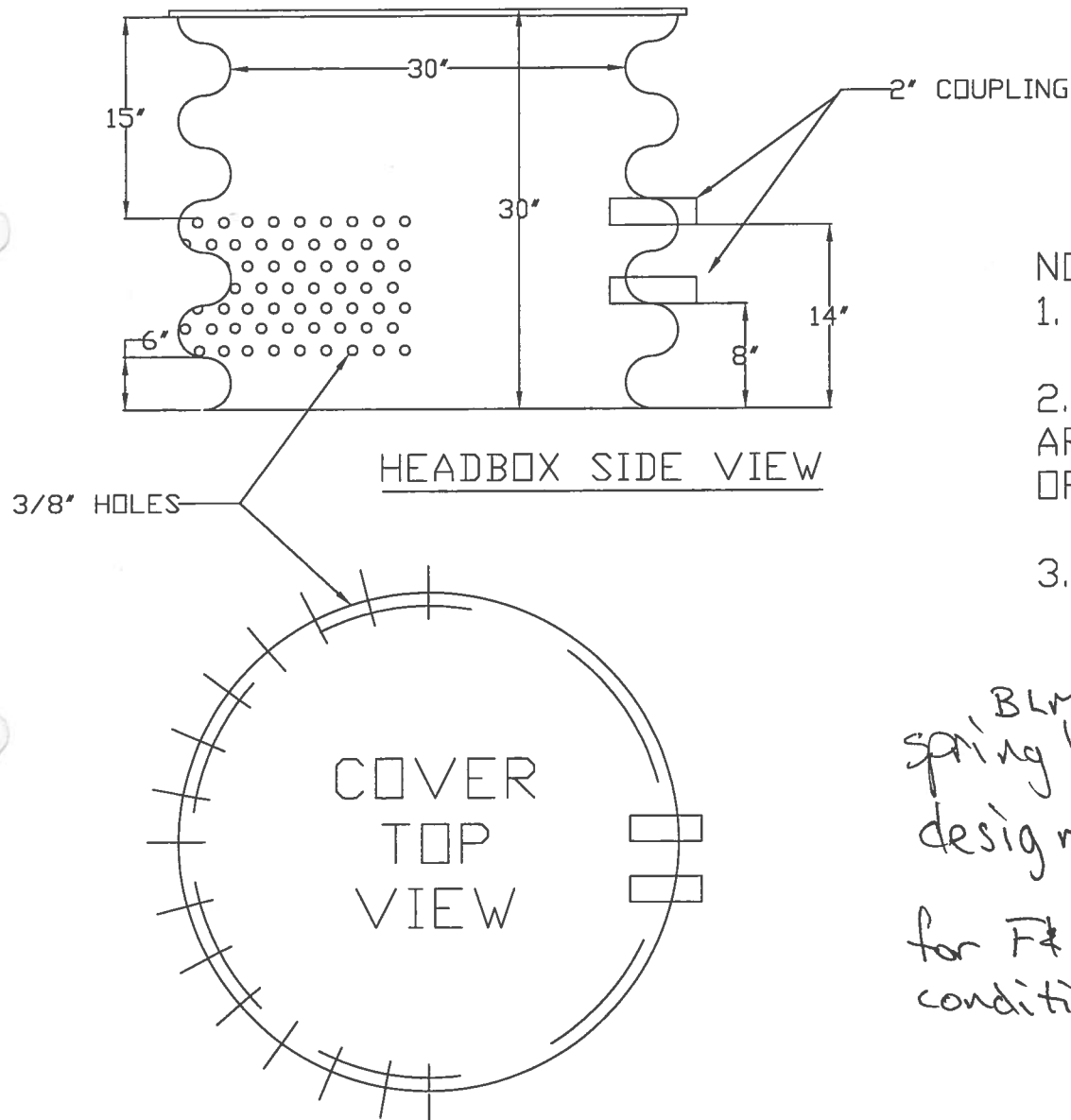


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875 1,750 3,500 5,250 7,000

SPRING HEADBOX & COVER DIAGRAM

RECEIVED
FEB 19 2014
DEPARTMENT OF
WATER RESOURCES



NOTE:

1. 12 GAUGE ALUMINUM

2. HOLES EXTEND HALFWAY
AROUND CYLINDER CENTERED
OPPOSITE GALV COUPLINGS

3. 1" LIP DOWN ON COVER

BLM
spring box
design
for F&G
condition

Fred

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT LOWER SNAKE RIVER DISTRICT	
SPRING HEADBOX & COVER DIAGRAM	
DESIGNED _____	
REVIEWED _____	
APPROVED _____	
DRAWN TRACEY BAJT.	SCALE NONE
DATE 5/2/03	SHEET 1 OF 1
DRAWING NO. _____	

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 INSPECTION AND MAINTENANCE RECORD

Project or
Job Number: 365088

Maintenance Responsibility

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
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Project or
Job Number: 365088

Maintenance Responsibility

PROJECT INSPECTION AND MAINTENANCE RECORD

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9a. Fiscal year maintenance work programmed		b. Next Inspection (date)	
Remarks (include recommendation on remedial management practices, etc., and support with photographs)			



Existing Trough



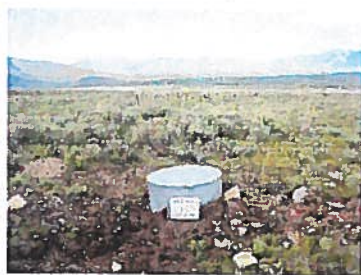
Existing Trough – Weeds Detail



Pressure Break 1



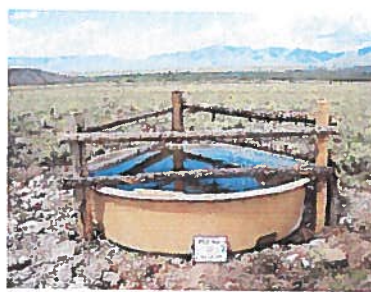
Pressure Break 2



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

RECEIVED

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

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:

Acre Feet of Water Stored:

Environmental

Assessment #:

Beneficial Salinity Control

Water-Right Number:

Effects:

Miscellaneous Information

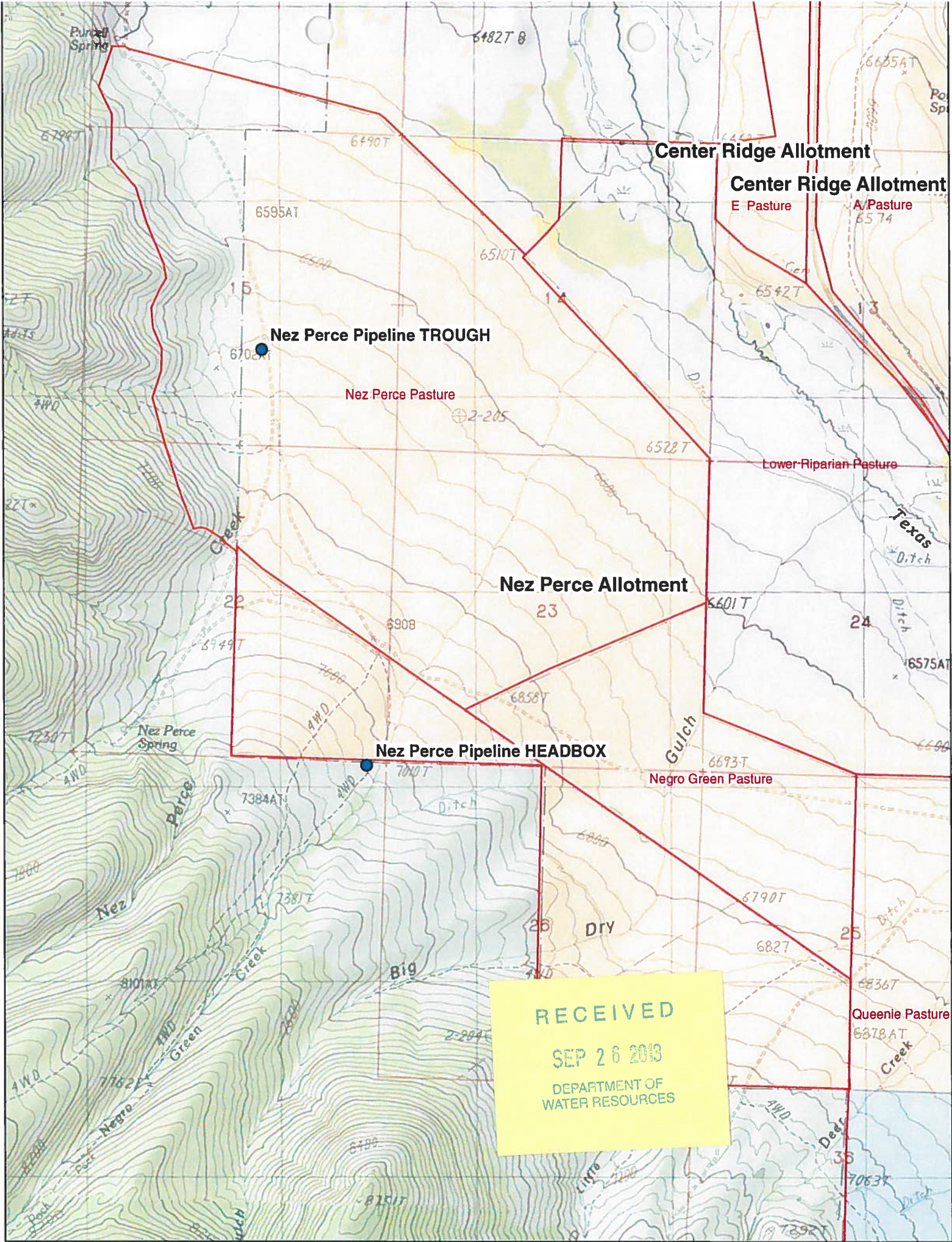
Project 1:	Project 2:	Undefined 1:	Undefined 2:
Improvement Notes:			

Management Units

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

Cooperator Type:	Cooperator Name:	Contributed Material Cost:	Contributed Labor/Equipment Cost:
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Center Ridge Allotment
Center Ridge Allotment

E Pasture A Pasture

Nez Perce Pipeline TROUGH

Nez Perce Pasture

Lower Riparian Pasture

Nez Perce Allotment

Nez Perce Pipeline HEADBOX

Negro Green Pasture

RECEIVED

SEP 26 2013

DEPARTMENT OF
WATER RESOURCES

Queenie Pasture





Head Box



