

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

A. GENERAL INFORMATIONPermit No: 73-12042

Exam Date: 07/17/12

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: E034236

- 4.
- SOURCE**
- TRIBUTARY**

Unnamed Stream

Double Spring Creek

Method of Determination: Photos of head box and spring provided by permit holder.

Unnamed Stream remains unnamed for about 8 mile before it reached a part of Doublespring Creek just before it enters the Pashimeroi River. POD has not changed. No amendment needed.

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
73-7135	Spring	Stock	Decreed

Comments: 73-11590 is for an instream stock right. 73-7135 shares 2 troughs with 73-12042. This right was filed because of insufficient pressure from 73-7135 to shared troughs.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: 73-10552 & 73-10562 are for springs. 73-11592 is an instream stock right. 73-2193 & 73-7135 share a system with 73-12042.

C. DIVERSION AND DELIVERY SYSTEM

- 1.
- LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Unnamed Stream			NW	NE	15	11N	23E	B.M.	Custer
								B.M.	

Method of Determination: Photos and GPS of head box and spring provided by permit holder.

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

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	23E	02													X					
		Lot #																		
11N	23E	11					X													
		Lot #																		
11N	23E	14												X						
		Lot #												4						
12N	23E	35													X					
		Lot #																		
																Total 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

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

2. Measurements: $<$ $>$

____ Additional Computation Sheets Attached

0.02 cfs well below recommendation of Application Processing Memo #3 for 700 head.

License recommend for 0.02 cfs.

1. Volume Calculations for Irrigation:

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

Permit No: 73-12042

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 $700 \times 0.0134 = 9.4 \text{ afa}$

Per Application Processing Memo #3 – 601-700 head, 9.4 afa

0.02 cfs at 365 days/yr = 14.5 afa

License recommend for 00 afa. – 13000 gal/day condition

G. PURPOSE OF USE

Irrigation N # Stock 700 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

Wild and Scenic – Salmon River except for Middle Fork

Known as Yriber Pipeline

Headgate: 3.5. Cons. Use: 2.5

WD 73 & 170

- Removed Fish Screen Condition – photos appear to be standard contraction with culvert to headbox with slit cuts.
- Combined use limit to reflect shared system with 73-2193 & 73-7135. 73-7135 & 73-2193 are limited to a combined total of 0.02 cfs. 73-2193 is limited to 13000 gal/day. 73-7135 is limited to 4 afa.

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	0 AF
Wildlife	01/01 to 12/31	0.02 CFS	0 AF
<u>Totals:</u>		0.02 CFS	0 AF

2. Recommended Amendments

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

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

Other: AMENDMENT Received from BLM 09/18/13

J. AUTHENTICATION

Field Examiner's Name Daniel R. [Signature] Date 09/19/13

Reviewer [Signature] Date 9-19-13

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
73	10552			Water Right	Decreed	Active	N	407203	1/1/1879	0.02	SPRING	STOCKWATER	UNITED STATES OF AMERICA ACTING THROU
73	10562			Water Right	Decreed	Active	N	407208	1/1/1879	0.02	SPRING	STOCKWATER	UNITED STATES OF AMERICA ACTING THROU
73	11592			Water Right	Decreed	Active	N	407548	6/28/1934	0.02	UNNAMED STREAM	STOCKWATER	UNITED STATES OF AMERICA ACTING THROU
73	12042			Water Permit		Active	N	592920	3/22/2005	0.02	UNNAMED STREAM	STOCKWATER, WILDLIFE	US DEPT OF INTERIOR

Other Owner	Leased to Water	Applicatio	Approval D:	Total Ac	Acre Limit	Volume	Water District
	No						73 - Pahsimeroi River
	No						73 - Pahsimeroi River
	No						73 - Pahsimeroi River
	No		10/27/2005				73 - Pahsimeroi River

Palmer, Cherie

From: Arave, Nathaniel L [narave@blm.gov]
Sent: Thursday, December 08, 2011 12:31 PM
To: Palmer, Cherie
Subject: 73-7315
Attachments: pipelines.dbf; pipelines.prj; pipelines.sbn; pipelines.sbx; pipelines.shp; pipelines.shp.xml; pipelines.shx; Points.dbf; Points.prj; Points.sbn; Points.sbx; Points.shp; Points.shp.xml; Points.shx; Yribar_Pipeline.pdf

Cherie,

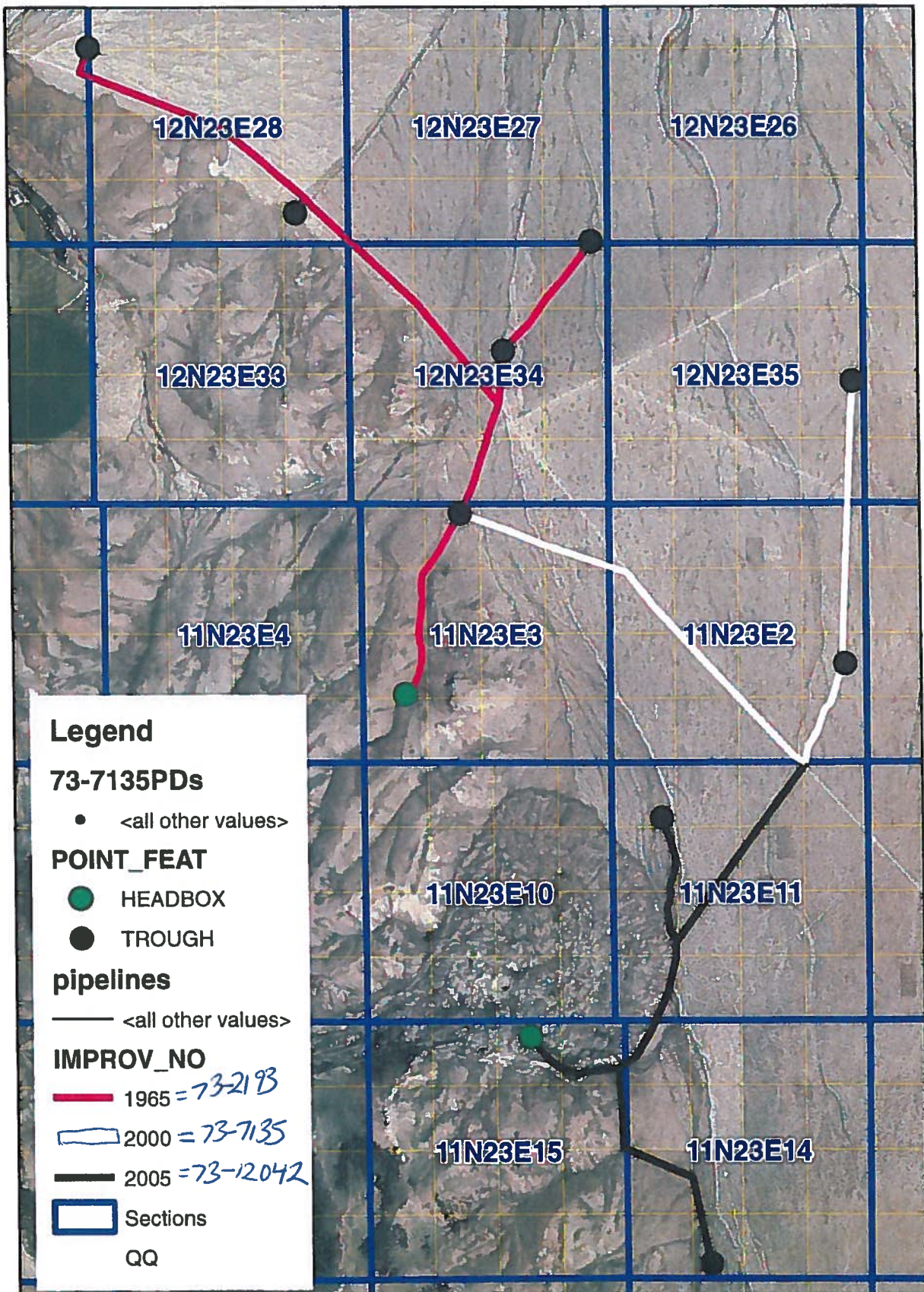
There are three interconnected water appropriations associated with this pipeline system. The first is water right 73-2193 which was for the original construction of the pipeline in 1965. The pipeline system was reconstructed in 1990 within the existing disturbance and 1 ¼ inch PVC pipe was used. This original construction is colored in yellow on the attached map. I believe that the trough shown in green on the map was also constructed at this time; this was not included as a part of the original water right as a place of use which will need to be remedied. The 1st extension to this pipeline was done in 2000 when permit 73-7135 was filed. This extension is depicted in red on the map. Upon completion and use of this extension for a few years it was determined that sufficient pressure was not present to maintain fill on all of the troughs. As a result a 2nd extension was constructed under permit 73-12042 which is depicted in blue on the map. This pipeline extension has a source which is separate from the original construction and added more water allowing the pipeline to deliver water to two new constructed troughs as well as the troughs which were constructed under permit 73-7135. This leaves system leaves of a few unresolved issues, 73-12042 should include the place of use for the two water troughs developed under 73-7135; secondly the trough located in SWNE sec. 34 T. 12 N., R. 23 E. and the troughs added to the system via permit 73-7135 should be added to 73-2193 via a transfer. I would also assume to include in the transfer 73-7135 if it is licensed such that both water rights completely overlap. Upon the licensing of 73-12042 a transfer would be filed to add the places of use for 73-7135 as it is currently recorded. I hope the map and the data clarifies this system and the history. Please give me a call if I can help further.

Cheers,

Nathaniel L Arave
Hydrologist
Challis Field Office
USDI-BLM
1151 Blue Mountain Road
Challis, ID 83226
208.879.6215

COPY

BLM-YRIBAR PIPELINE STOCKWATER SYSTEM

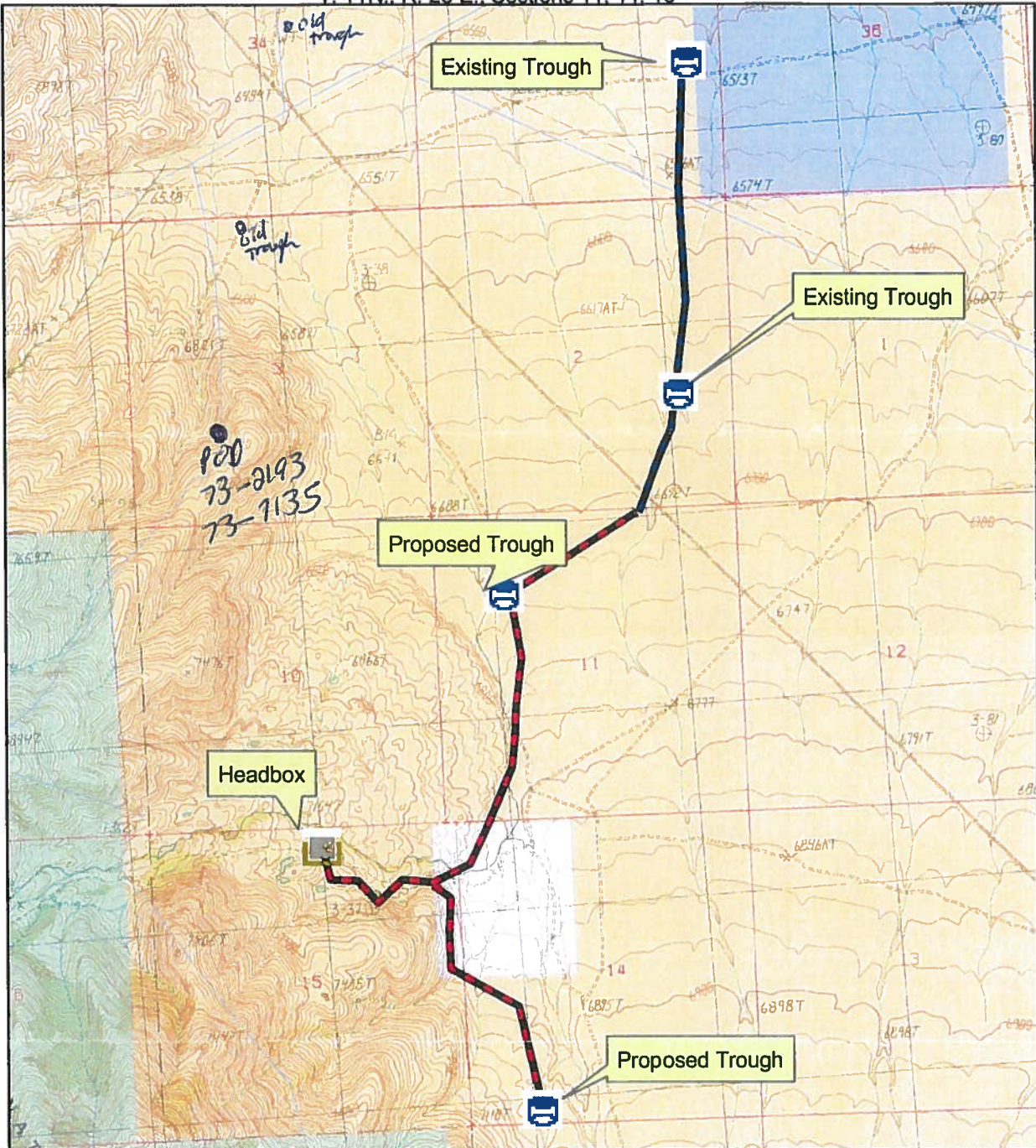


Map is courtesy of BLM-Nate Arave Challis Office and Printed by CPalmer.
Note the color scheme not as described in Nate's email.

COPY



Yribar Supplement Pipeline
T. 11N., R. 23 E., Sections 11, 14, 15



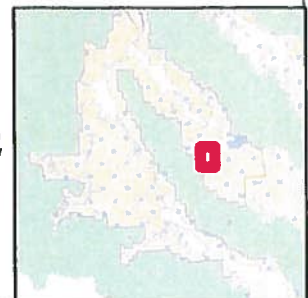
Legend

- PRIVATE
- BLM
- USFS
- STATE
- PASTURE BOUNDARIES
- carlson_exclosure
- Existing Yribar Pipeline
- Yribar Supplement Pipeline

0 0.25 0.5 1 Miles
1:32,000

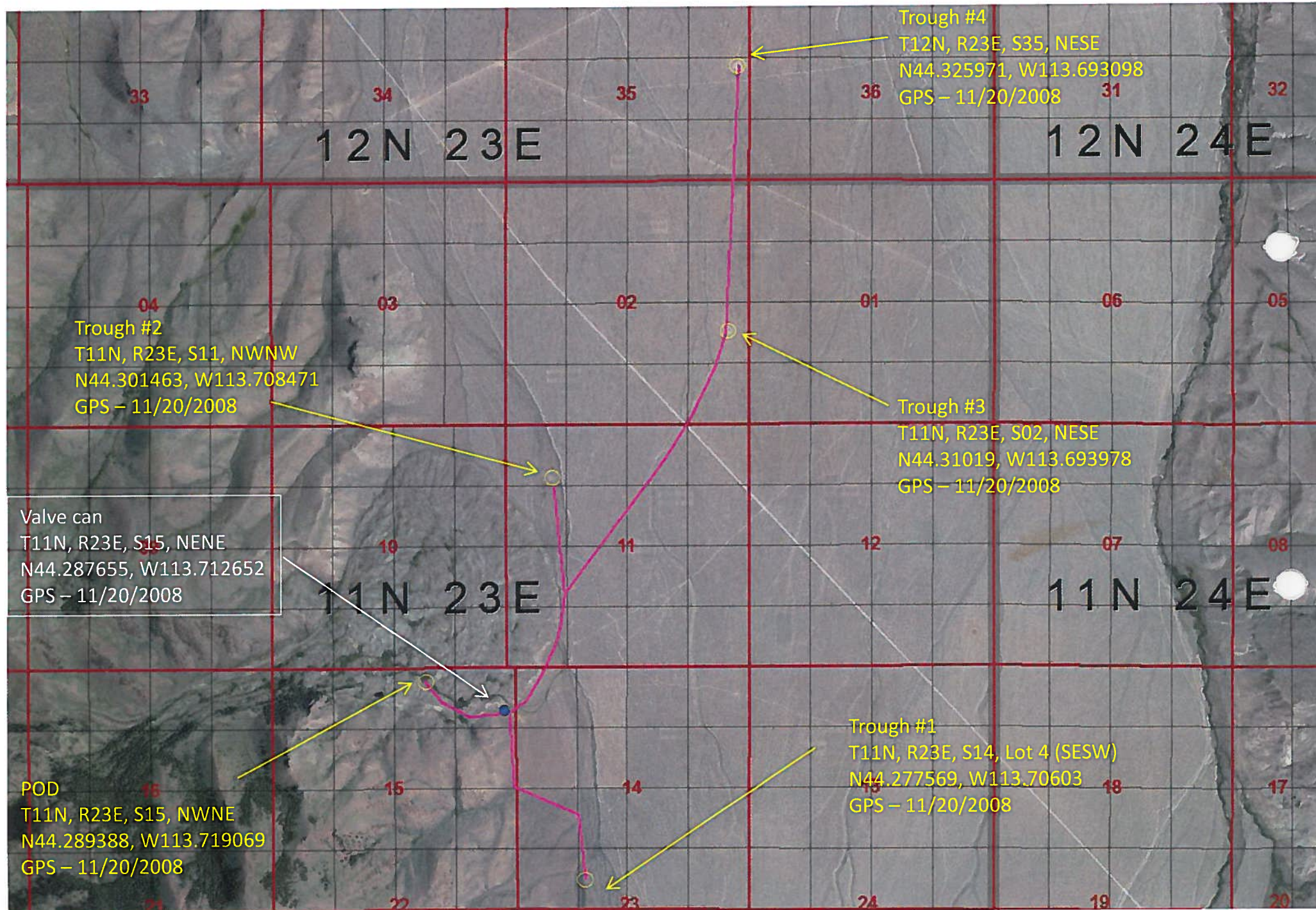


No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by BLM.



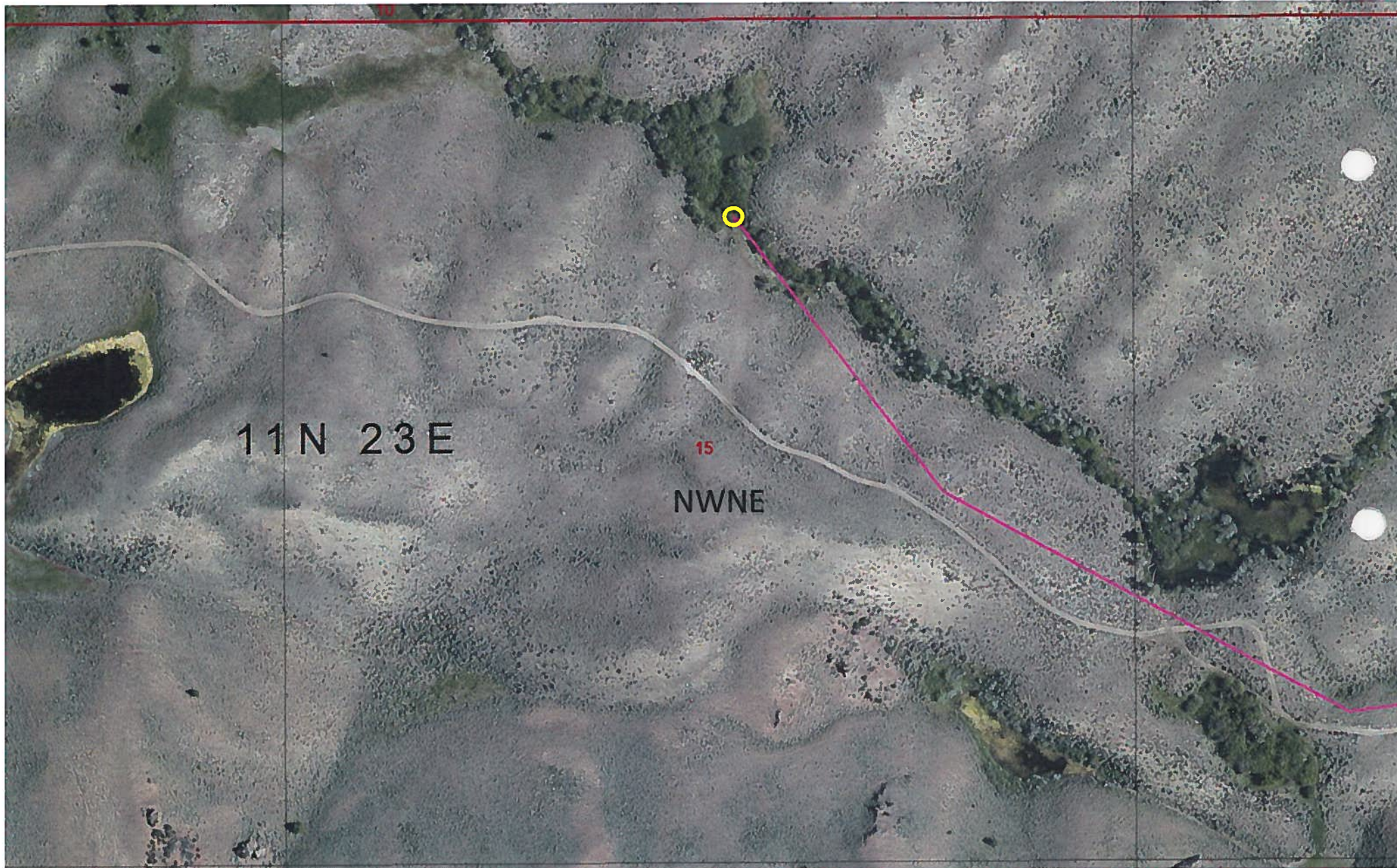
Map Prepared 6/15/2005

COPY



Yribar Pipeline
Project #360749

73-12042, POD
Yribar Headbox
T11N, R23E, S15, NWNE
N44.289388, W113.719069



Yribar Pipeline
Project #360749

73-12042

Picture #1
11/07/2012
Taken 11/7/2012 4:49



Headbox

Spring



Exclosure
Fence

POD, Yribar Headbox
T11N, R23E, S15, NWNE
N44.289388, W113.719069

Picture of headbox in spring.

Yribar Pipeline
Project #360749

73-12042

Picture #2
11/07/2012
Taken 11/7/2012 4:48



Fence

Spring

POD, Yribar Headbox
T11N, R23E, S15, NWNE
N44.289388, W113.719069

Picture of headbox from outside exclosure area.



Headbox



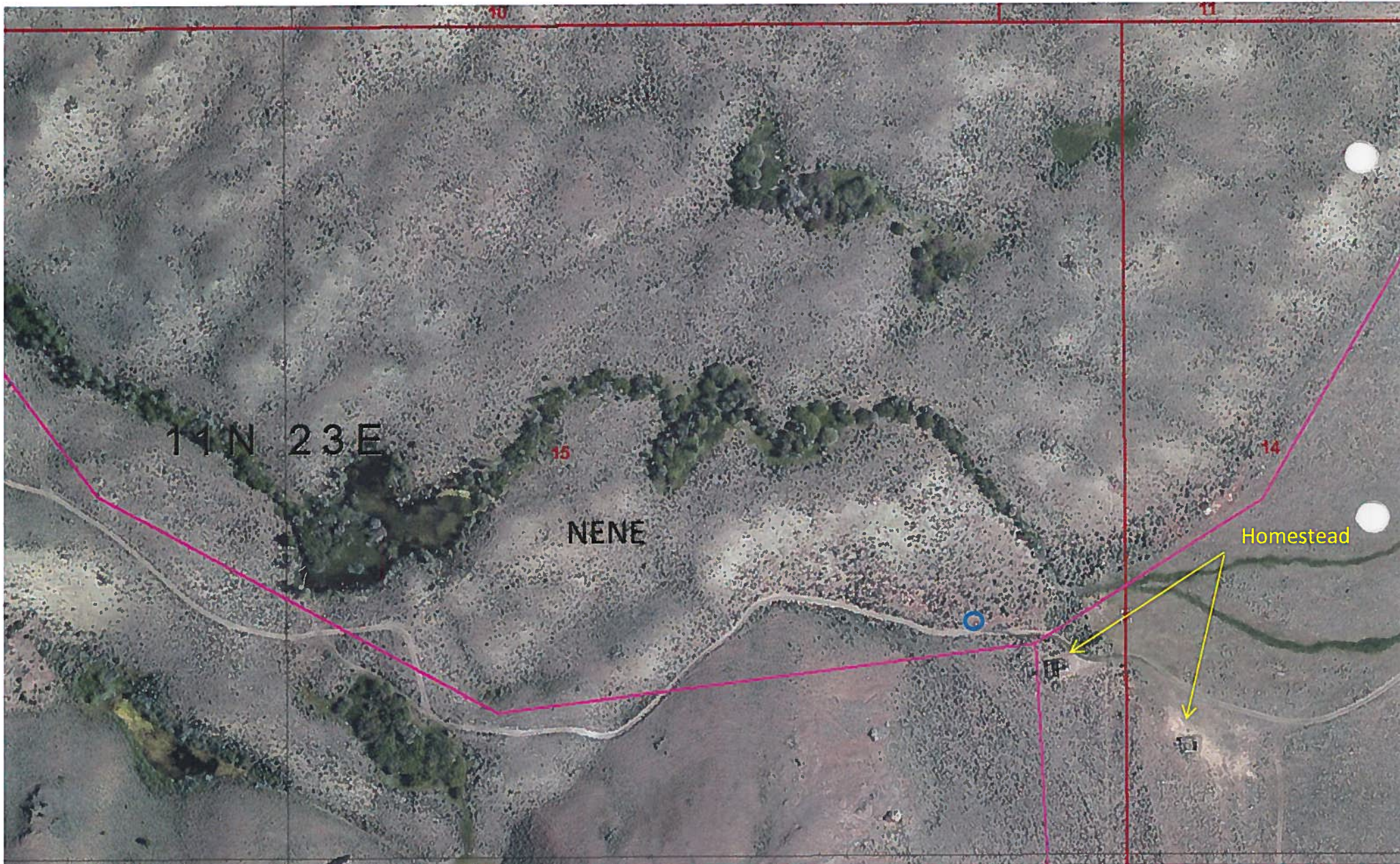
Overflow
Pipe

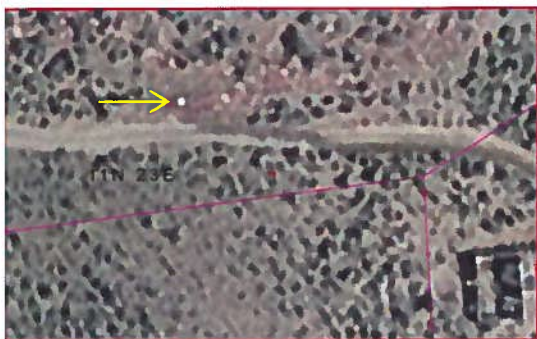
POD, Yribar Headbox
T11N, R23E, S15, NWNE
N44.289388, W113.719069

Picture of headbox with overflow pipe.

Yribar Pipeline
Project #360749

73-12042
Valve Can
T11N, R23E, S15, NENE
N44.287655, W113.712652





Valve
Can

Pipeline

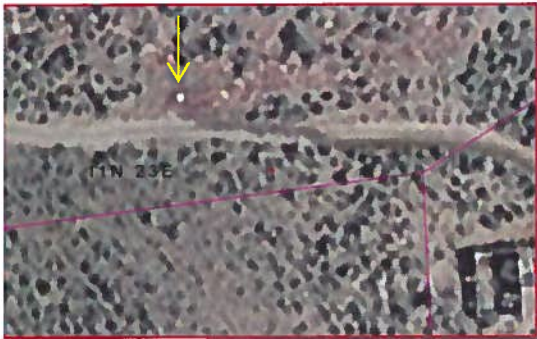
Valve Can
T11N, R23E, S15, NENE
N44.287655, W113.712652

Picture of valve can East of Spring before the
pipeline splits and travels both North and South.

Yribar Pipeline
Project #360749

73-12042

Picture #5
11/07/2012
Taken 11/7/2012 4:38



Outlet

Shutoff

Inlet

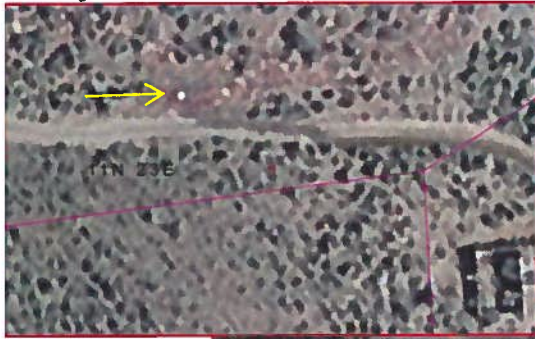
Valve Can
T11N, R23E, S15, NENE
N44.287655, W113.712652

Picture of shutoff valve inside of valve can.

Yribar Pipeline
Project #360749

73-12042

Picture #6
11/07/2012
Taken 11/7/2012 4:38



Pipeline

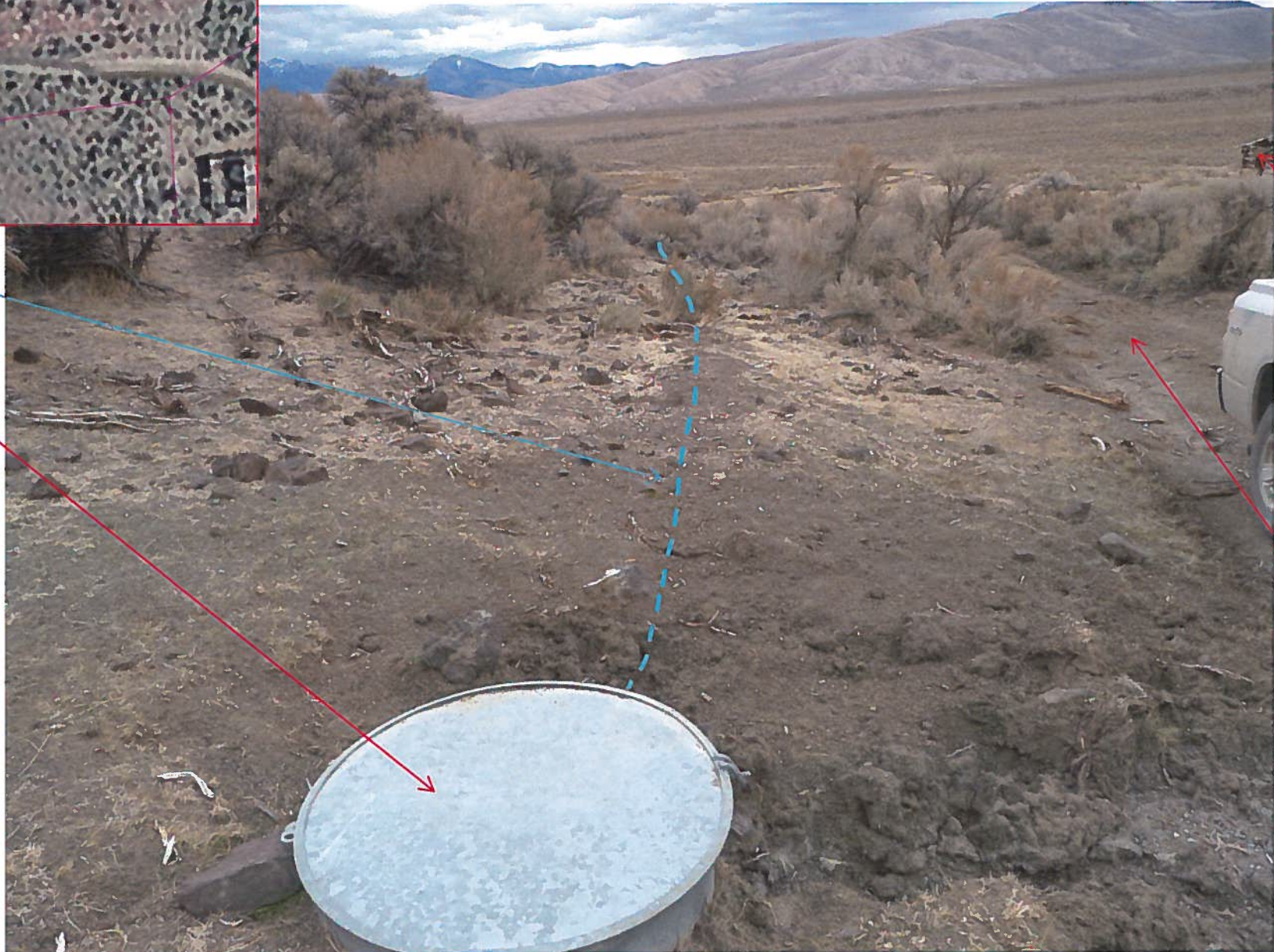
Valve
Can

Homes d

Road

Valve Can
T11N, R23E, S15, NENE
N44.287655, W113.712652

Picture of valve can looking North.

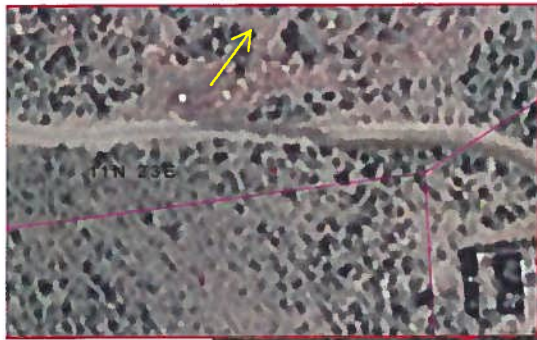


Yribar Pipeline
Project #360749

73-12042

Picture #7
11/07/2012

Taken 11/7/2012 4:38



Creek

Pipeline



Pipeline
Near T11N, R23E, S15, NENE
Near N44.287655, W113.712652

Picture of pipeline looking Northeast from
junction box at pipeline leading to trough 2, 3 &4.

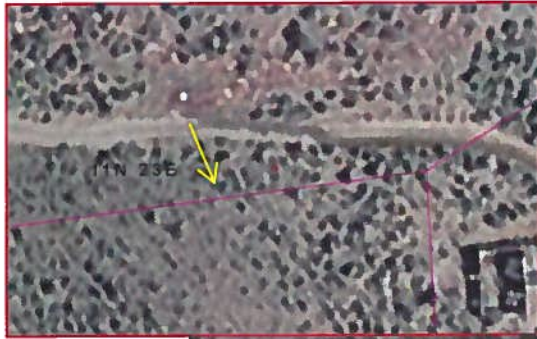
Yribar Pipeline
Project #360749

73-12042

Picture #8

11/07/2012

Taken 11/7/2012 4:38



Pipeline



Pipeline
Near T11N, R23E, S15, NENE
Near N44.287655, W113.712652

Picture of pipeline looking South from junction
box at pipeline looking toward trough #1.

Yribar Pipeline
Project #360749

73-12042

Picture #9
11/07/2012
Taken 11/7/2012 4:38



Trough #1

Homestead



Pipeline

Pipeline
Near T11N, R23E, S15, NENE
Near N44.287655, W113.712652

Picture of pipeline looking South at
pipeline route from junction box.

Yribar Pipeline
Project #360749

73-12042
Trough # 1
T11N, R23E, S14, Lot 4 (SESW)
N44.277569, W113.70603

11 N 23 E

14

Lot 4
(SESW)

Yribar Pipeline
Project #360749

73-12042

Picture #10
11/07/2012
Taken 11/7/2012 4:27



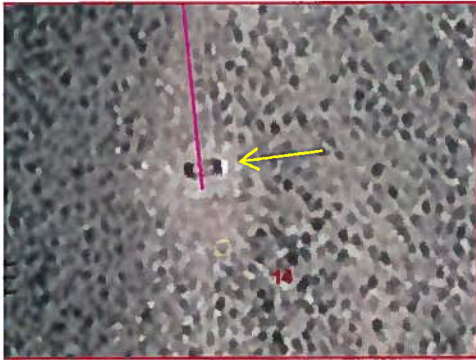
Trough # 1
T11N, R23E, S14, Lot 4 (SESW)
N44.277569, W113.70603

Picture of Trough #1 looking Northeast.

Yribar Pipeline
Project #360749

73-12042

Picture #11
11/07/2012
Taken 11/7/2012 4:28



Bird
Ladder

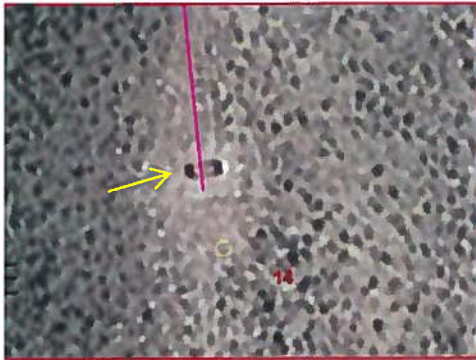
Trough # 1
T11N, R23E, S14, Lot 4 (SESW)
N44.277569, W113.70603

Picture of Trough #1 looking West.

Yribar Pipeline
Project #360749

73-12042

Picture #12
11/07/2012
Taken 11/7/2012 4:27



Float
Box

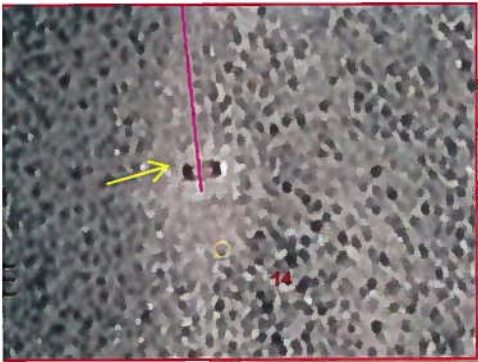
Pipeline

Bird
Ladder



Trough # 1
T11N, R23E, S14, Lot 4 (SESW)
N44.277569, W113.70603

Picture of Trough #1 looking South



Float
Box

Float

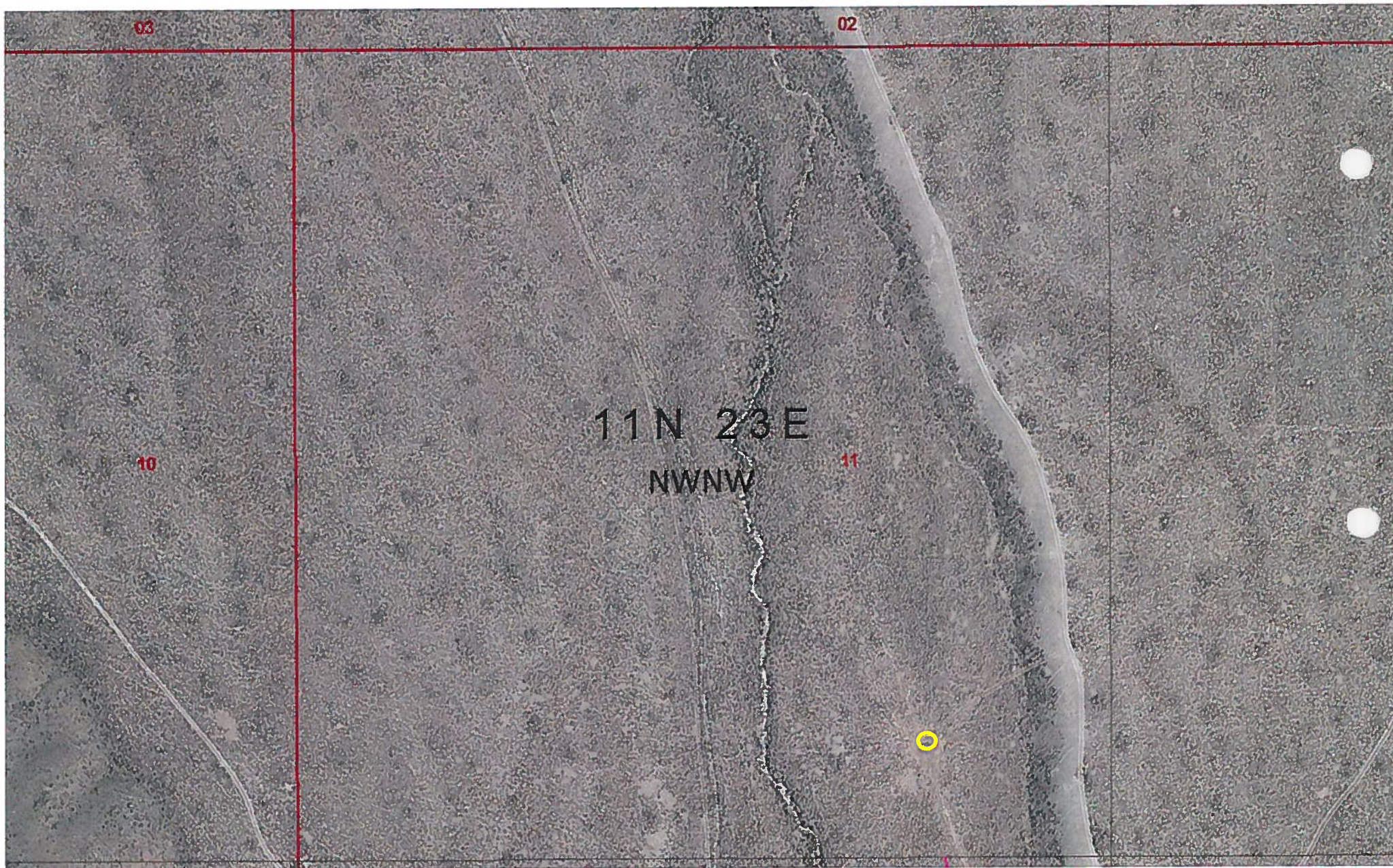
Bird
Ladder

Trough # 1
T11N, R23E, S14, Lot 4 (SESW)
N44.277569, W113.70603

Picture of Trough #1's float box.

Yribar Pipeline
Project #360749

73-12042
Trough #2
T11N, R23E, S11, NWNW
N44.301463, W113.708471



Yribar Pipeline
Project #360749

73-12042

Picture #15

11/07/2012

Taken 11/7/2012 5:15

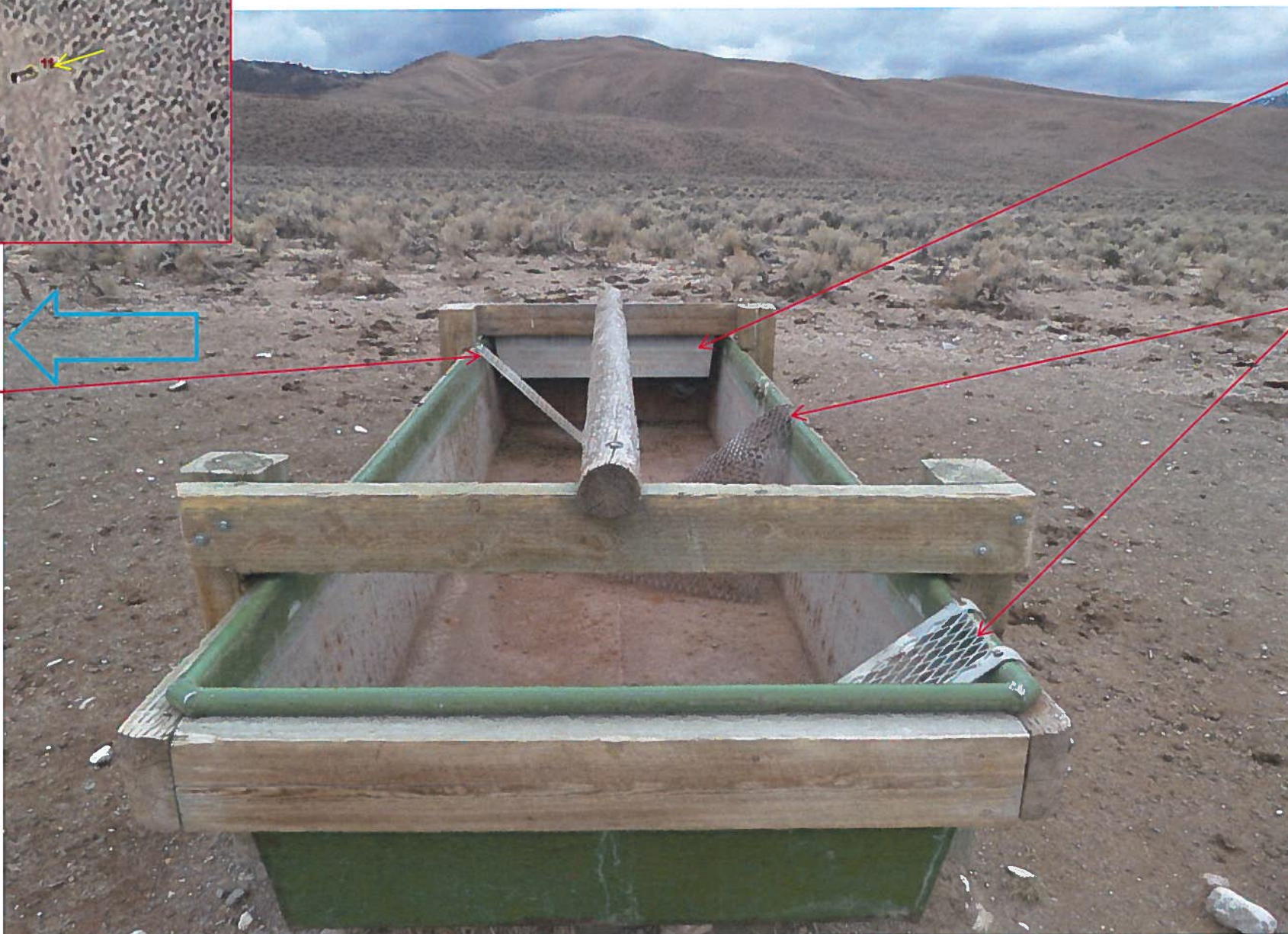


Pipeline

Bird
Ladder

Float
Box

Bird
Ladders

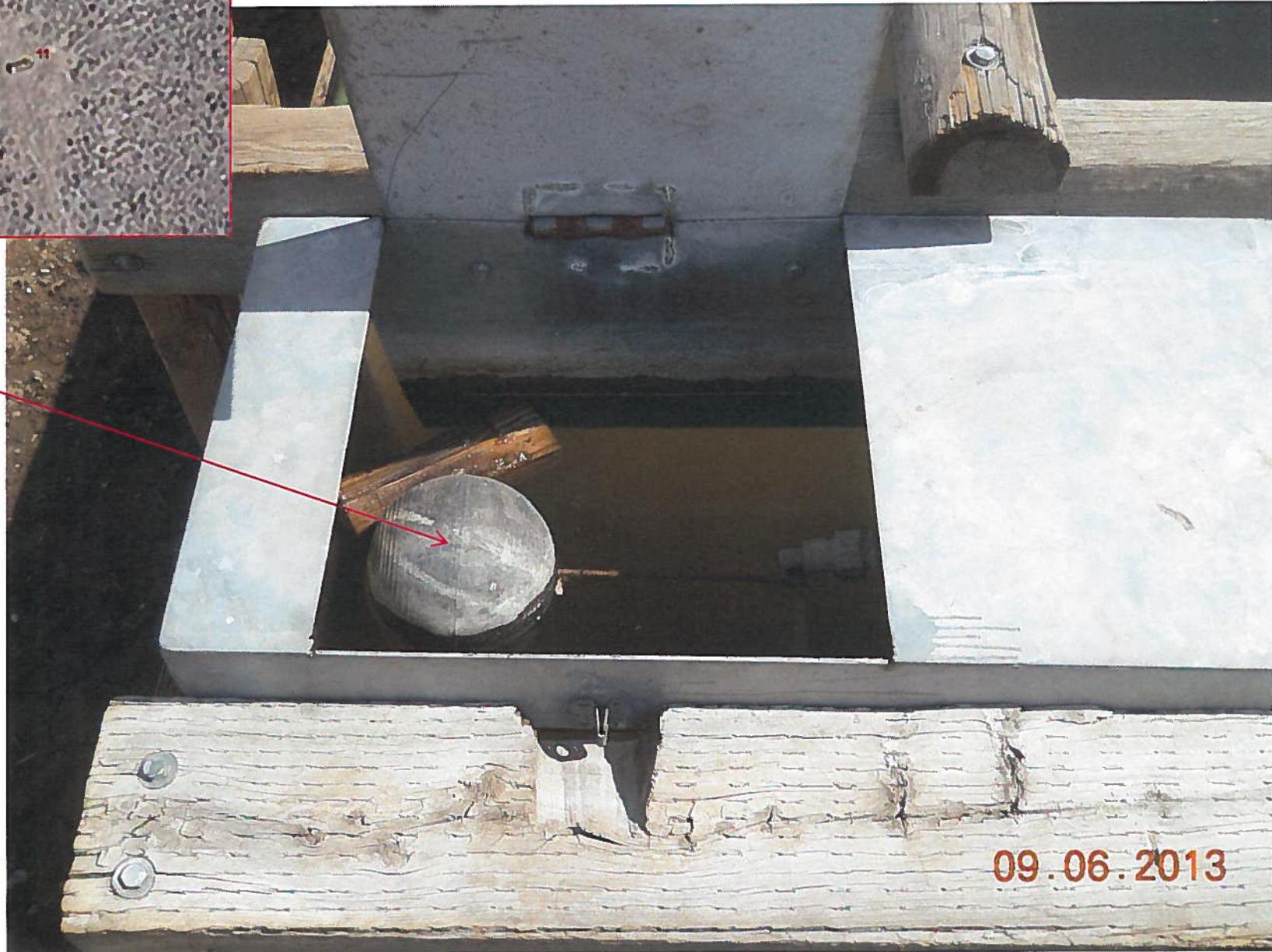


Trough #2
T11N, R23E, S11, NWNW
N44.301463, W113.708471

Picture of Trough #2 looking West.



Float



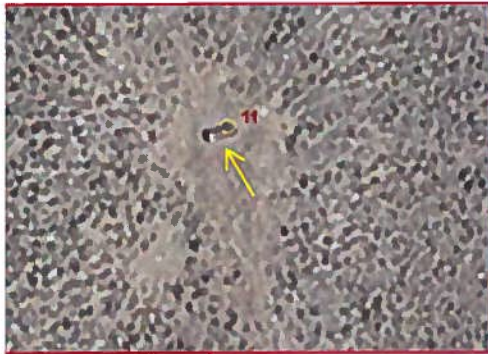
Trough #2
T11N, R23E, S11, NWNW
N44.301463, W113.708471

Picture of Trough #2's float.



Trough #2
T11N, R23E, S11, NWNW
N44.301463, W113.708471

Picture of Trough #2 looking East.



Float Box

Bird
Ladder

Pipeline

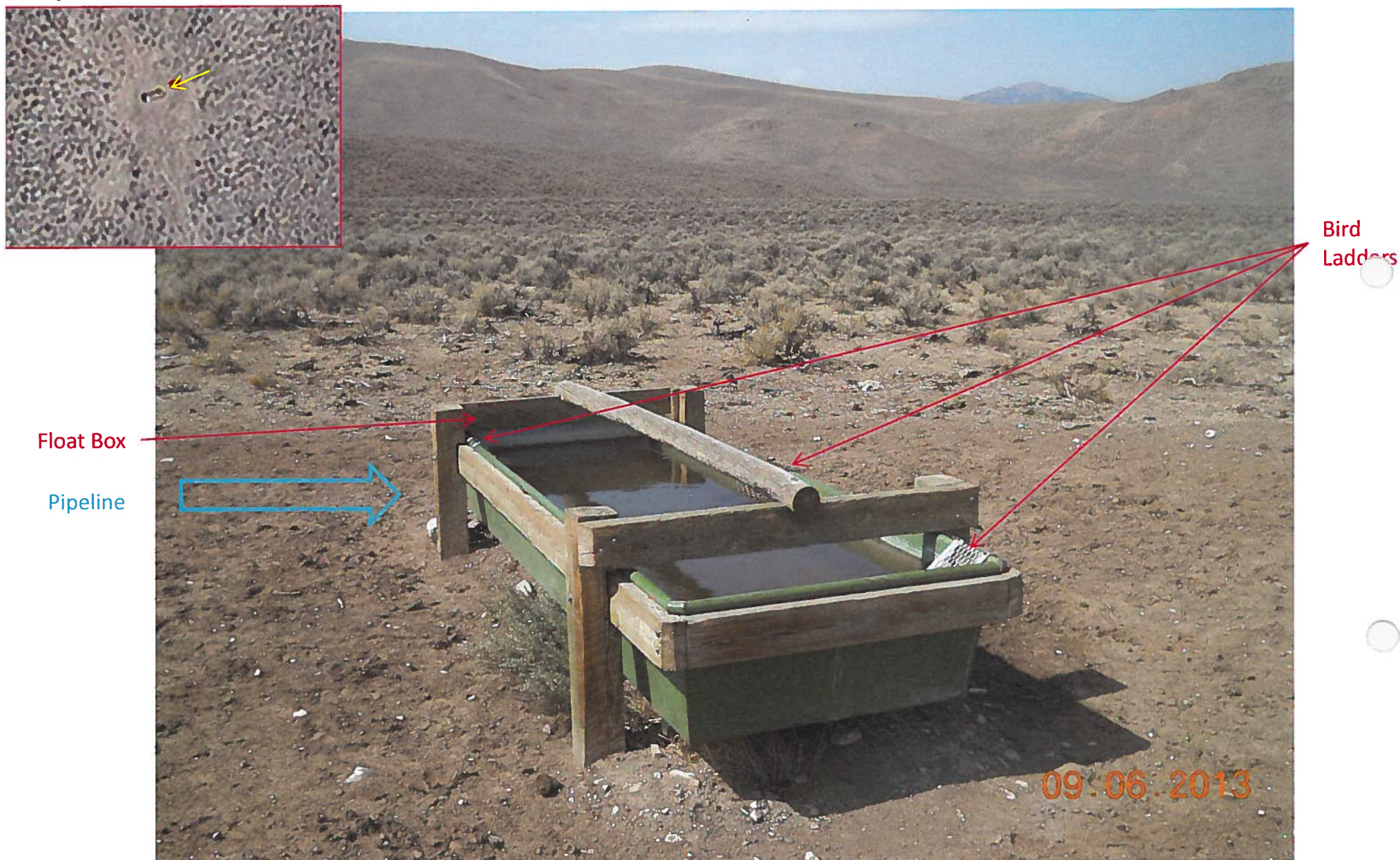
Bird
Ladders

09.06.2013

Trough #2
T11N, R23E, S11, NWNW
N44.301463, W113.708471

Picture of Trough #2 looking North.





Trough #2
T11N, R23E, S11, NWNW
N44.301463, W113.708471

Picture of Trough #2 looking West.



Pipeline



Float Box

Bird
Ladders

Trough #2
T11N, R23E, S11, NWNW
N44.301463, W113.708471

Picture of Trough #2 looking South.

Yribar Pipeline
Project #360749

73-12042
Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

11 N 23 E

02

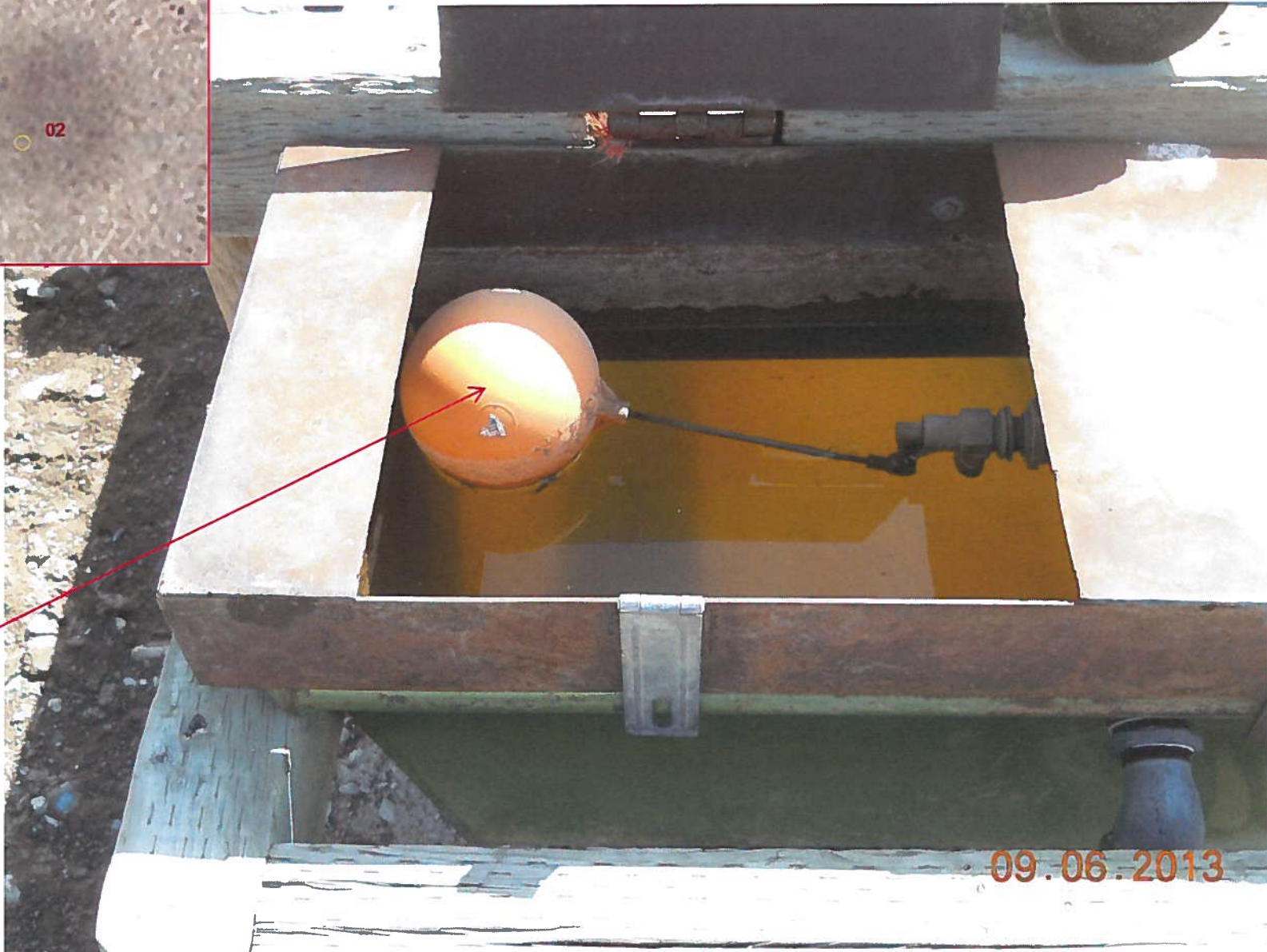
NESE



01

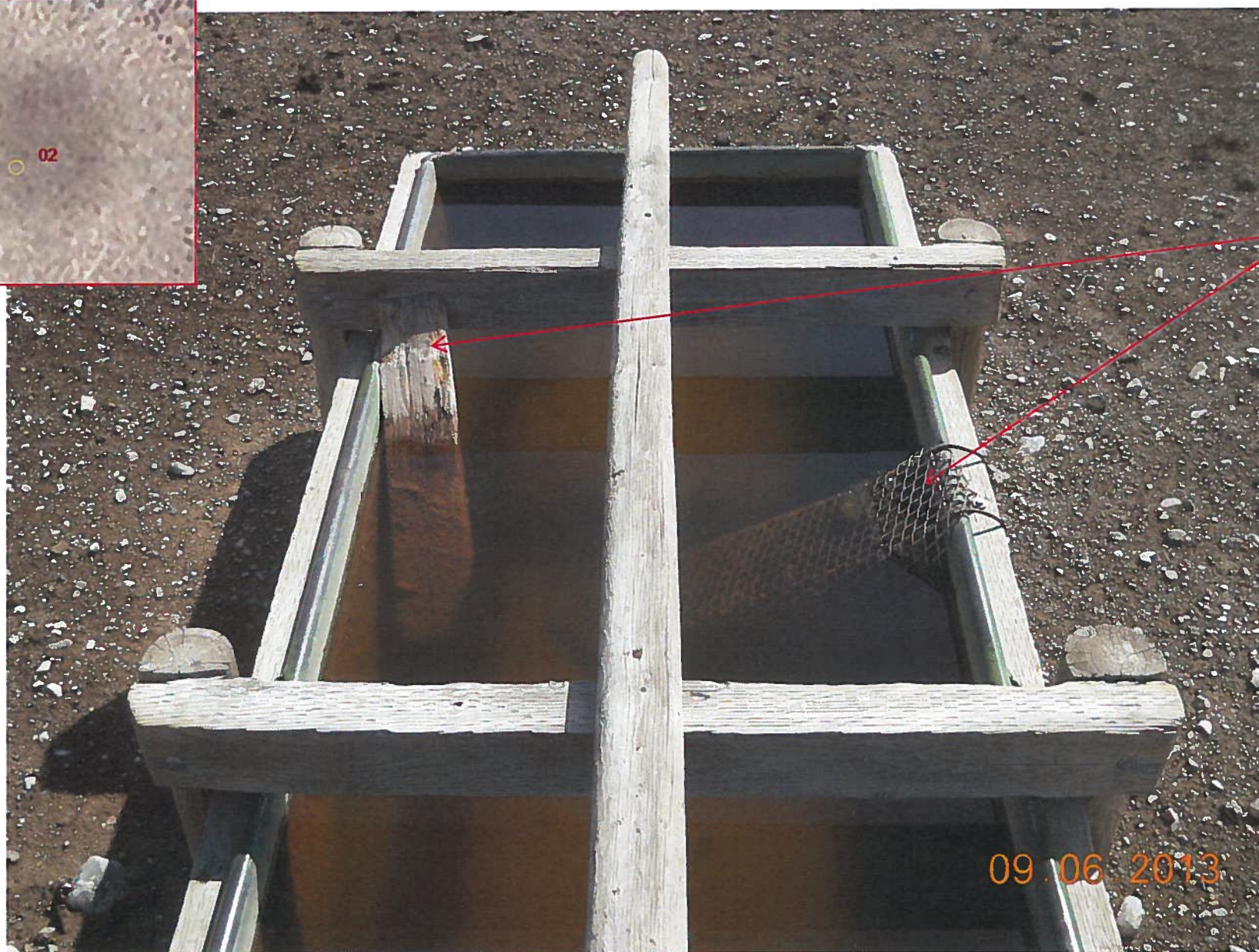
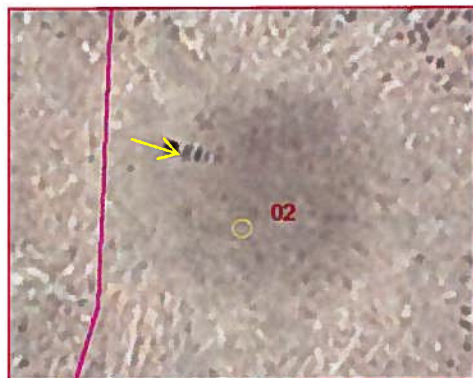


Float



Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

Picture of Trough #3's float.



Bird
Ladders

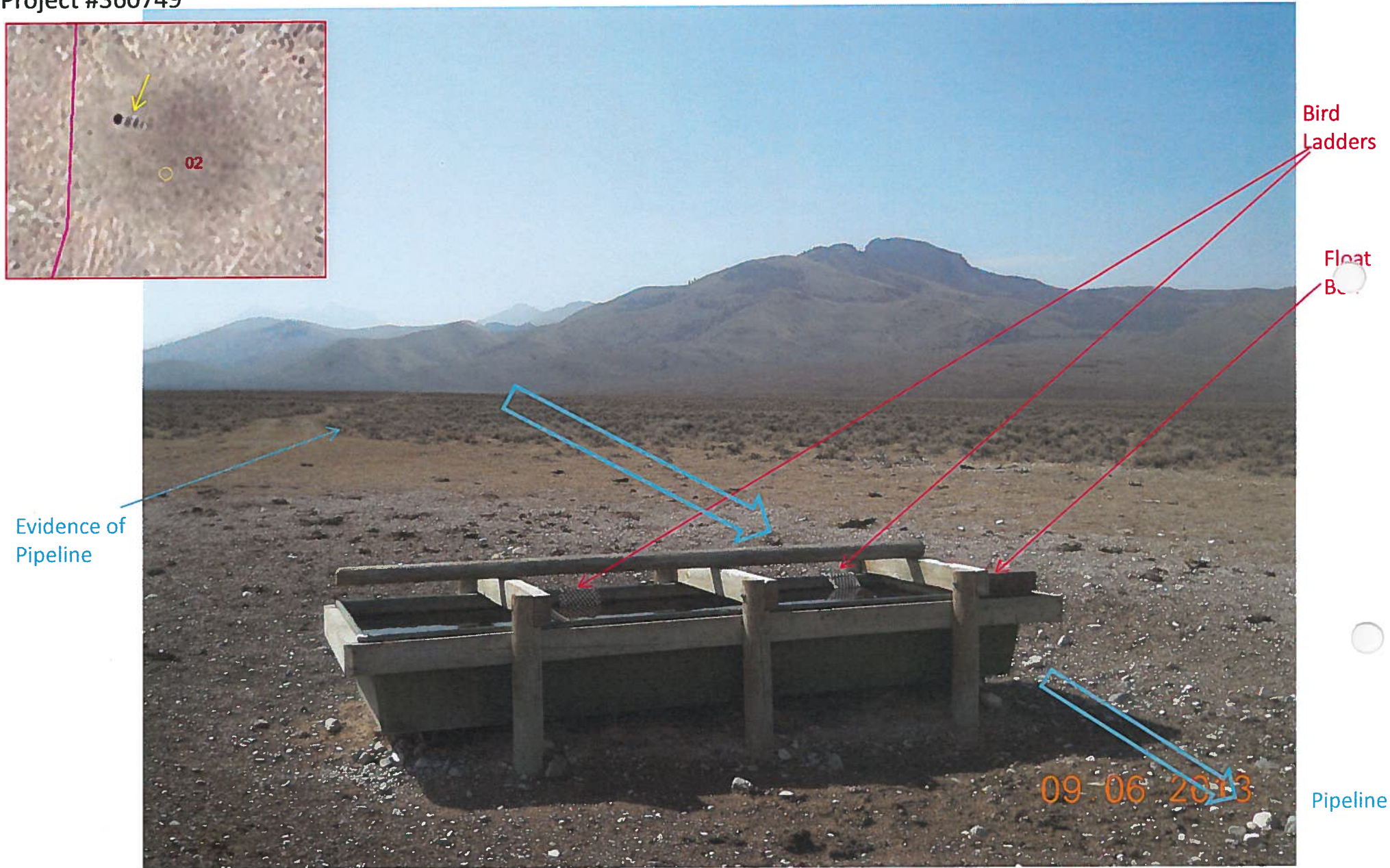
Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

Picture of Trough #3 looking East at bird ladders.



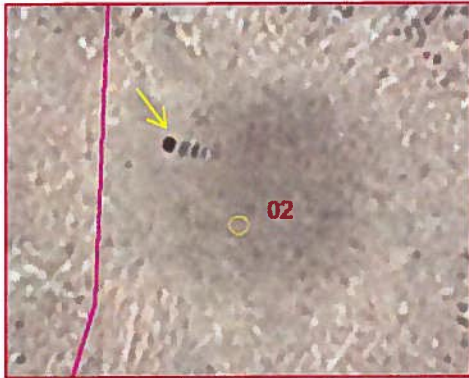
Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

Picture of Trough #3 looking West at bird ladders.



Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

Picture of Trough #3 looking South.



Bird
Ladder



Pipeline

Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

Picture of Trough #3 looking Southeast.



Float
Box

Bird
Ladders

Pipeline

Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

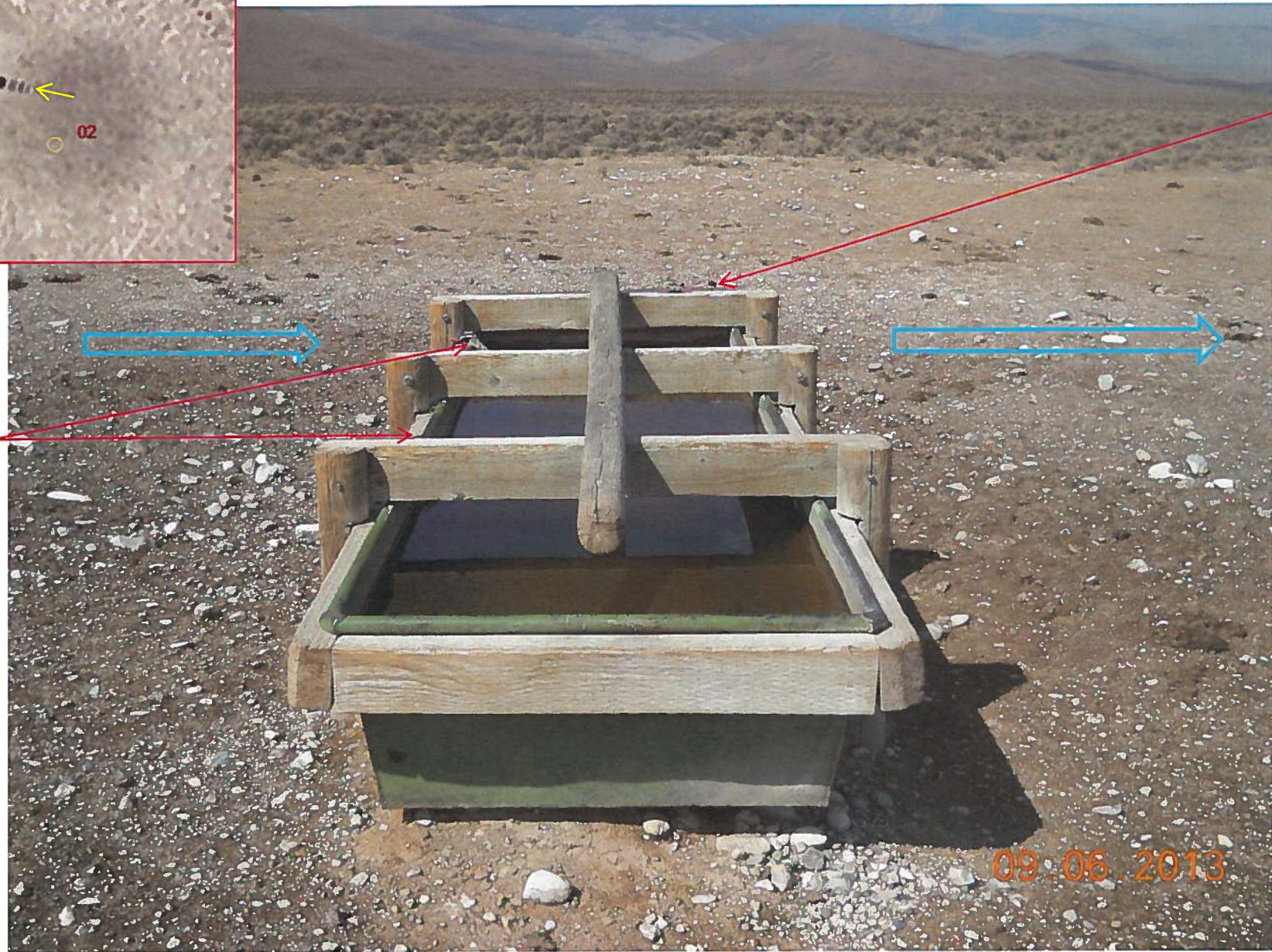
Picture of Trough #3 looking Southwest.



Bird
Ladders

Float
Box

Pipeline

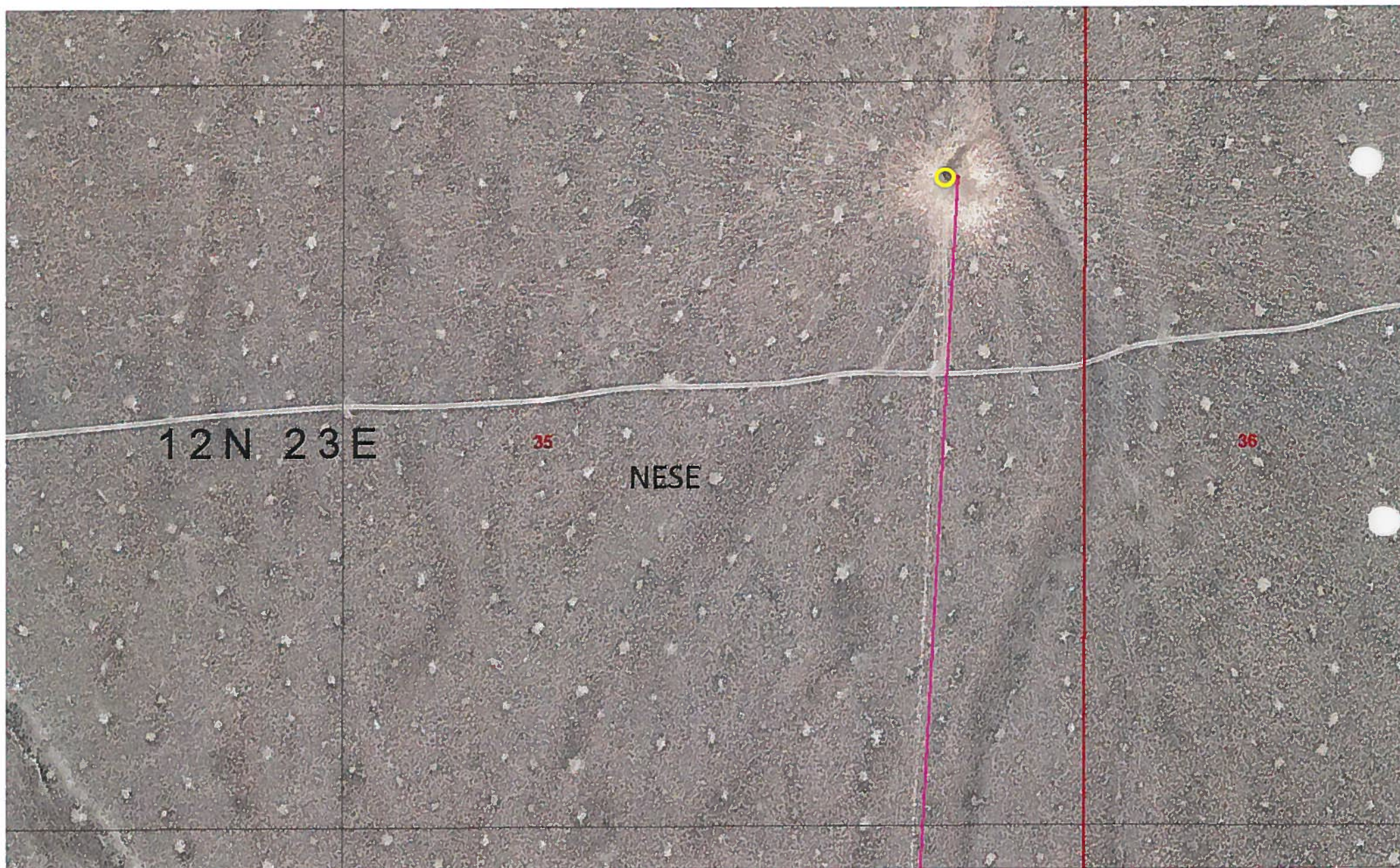


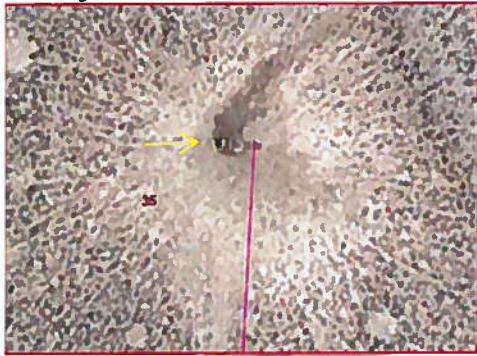
Trough #3
T11N, R23E, S02, NESE
N44.31019, W113.693978

Picture of Trough #3 looking West.

Yribar Pipeline
Project #360749

73-12042
Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098





Float

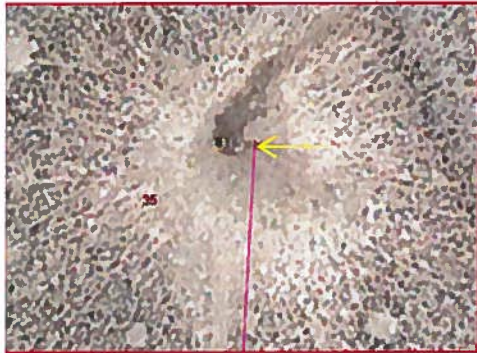


Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Picture of Trough #4's float.

73-12042
Yribar Pipeline
Project #360749

Picture #29



Float Box

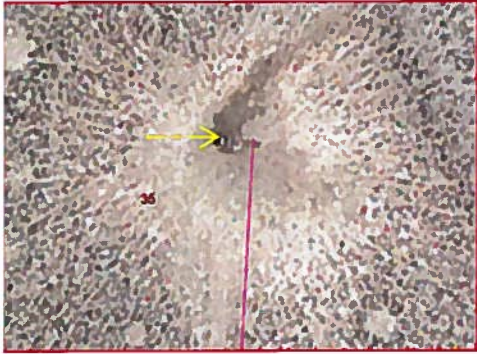
Bird Ladders

Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

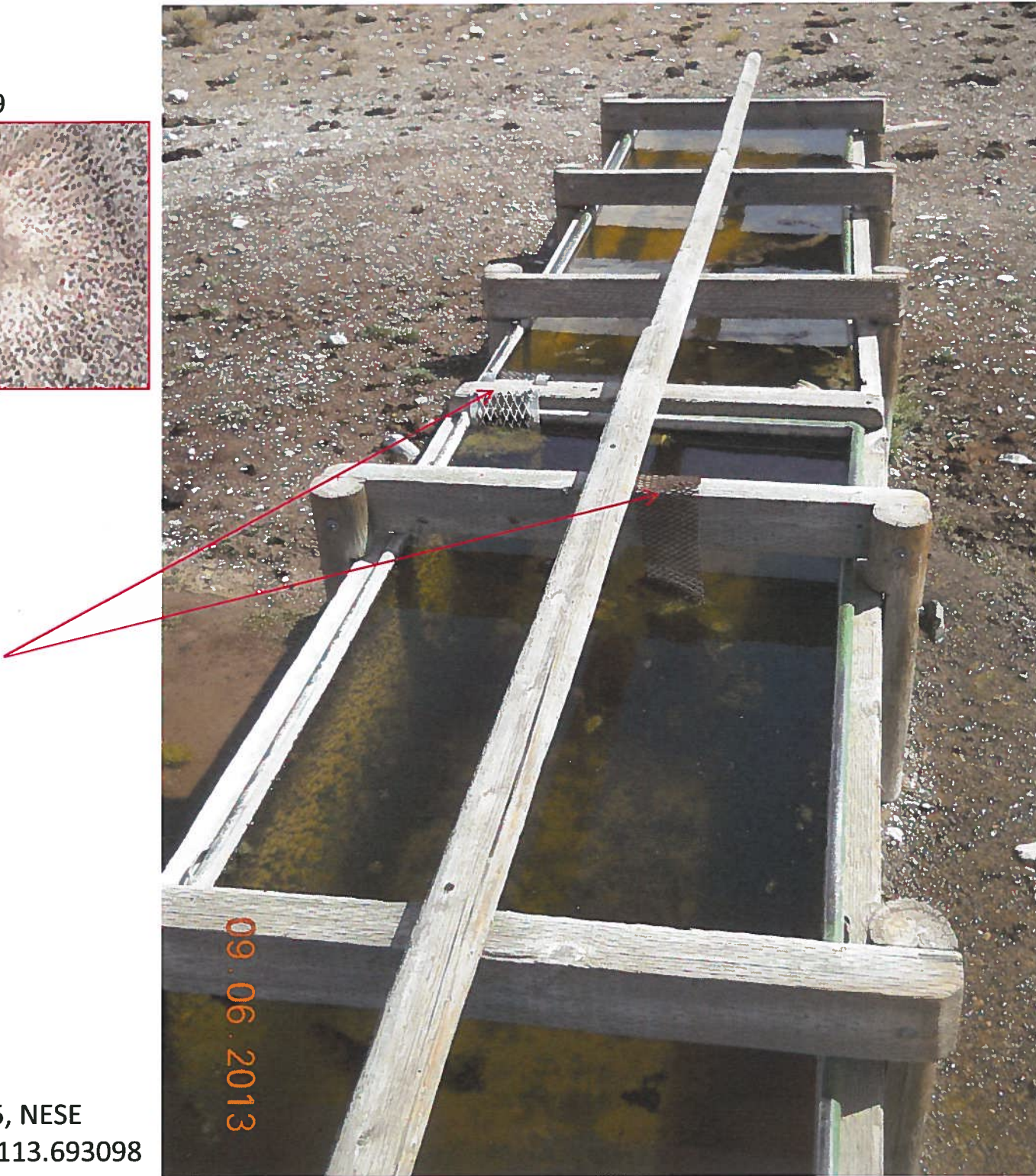
Picture of Trough #4
looking West at bird
ladders.

73-12042
Yribar Pipeline
Project #360749

Picture #30

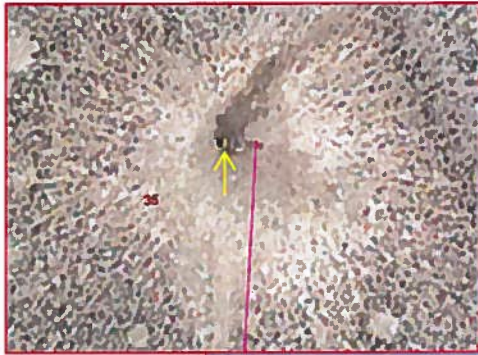


Bird
Ladders



Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Picture of Trough #4
looking East at bird
ladders.



Bird
Ladders

Float Box

Pipeline

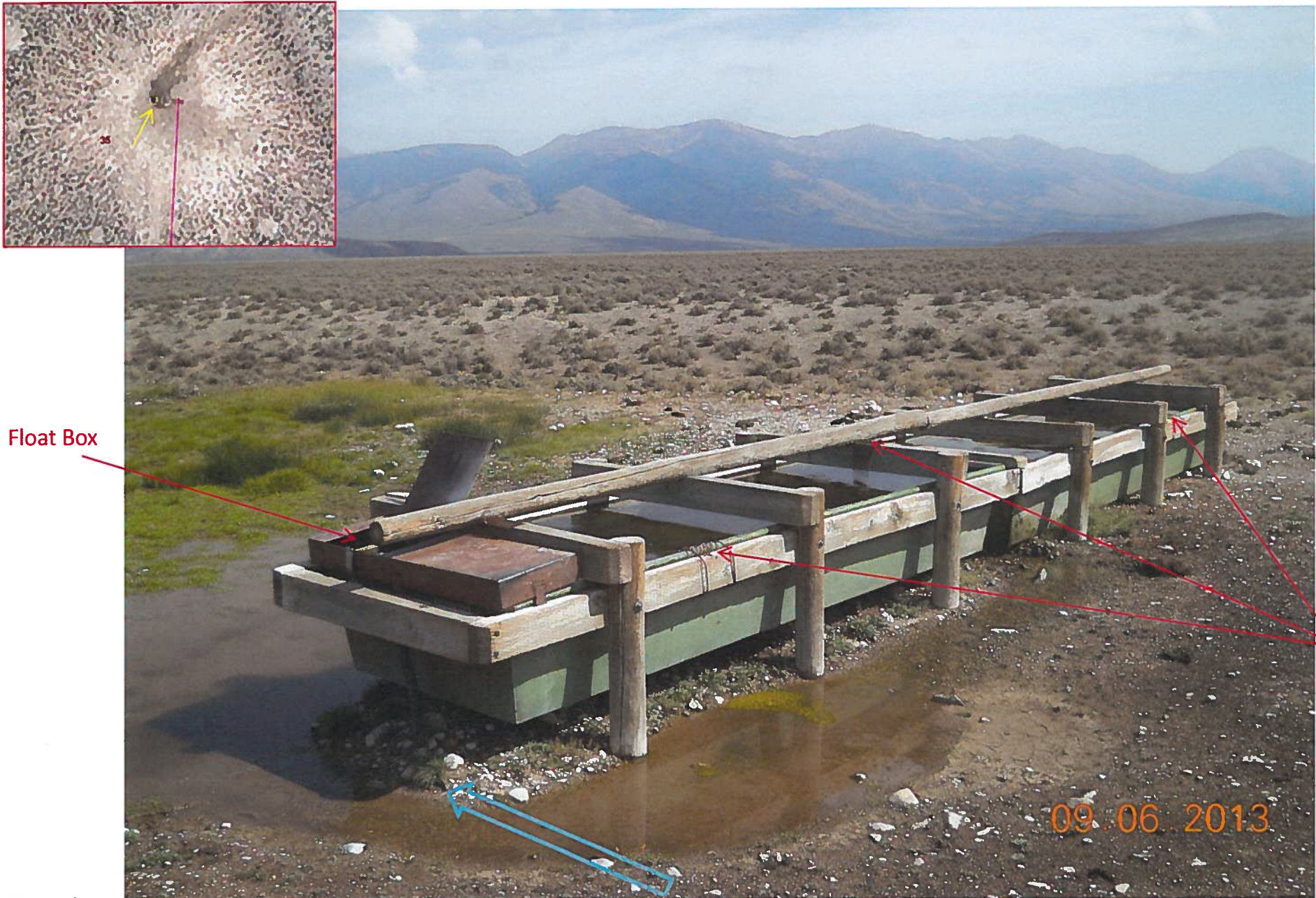
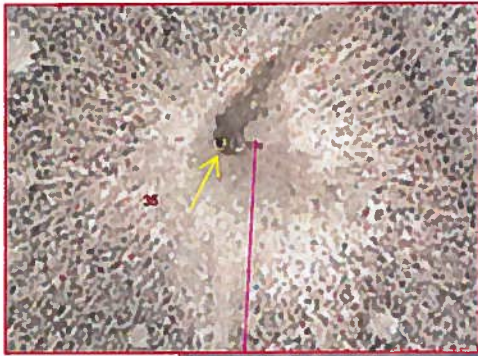
Bird
Ladders

09.06.2013

Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Picture of Trough #4 looking North.

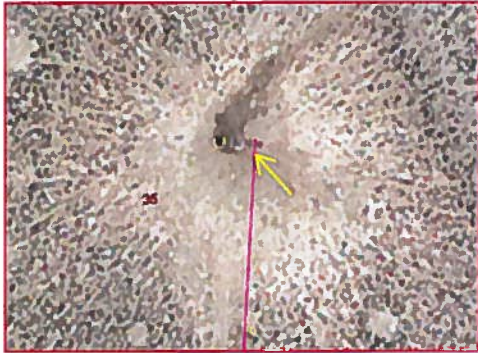




Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Pipeline

Picture of Trough #4 looking Northeast.



Pipeline

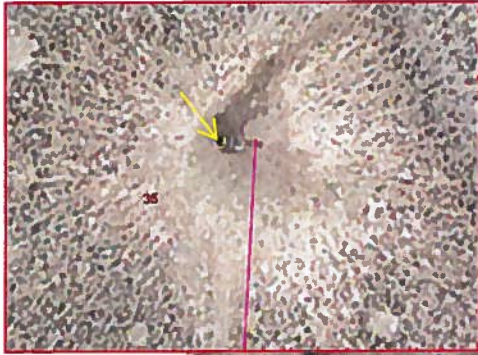
Float Box

Bird
Ladders

09.06.2013

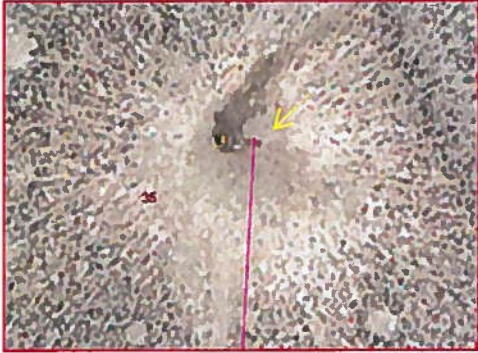
Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Picture of Trough #4 looking Northwest.



Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Picture of Trough #4 looking Southeast.



Pipeline

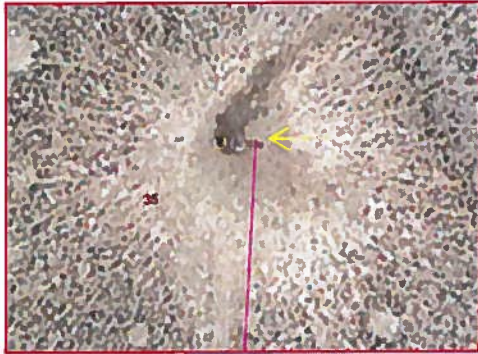


Bird
Ladders

Float Box

Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Picture of Trough #4 looking Southeast.



Pipeline



Bird
Ladders

Trough #4
T12N, R23E, S35, NESE
N44.325971, W113.693098

Picture of Trough #4 looking West.

73-1204-

4 May 2012
Glen

102 CFS

\$50

700 cattle

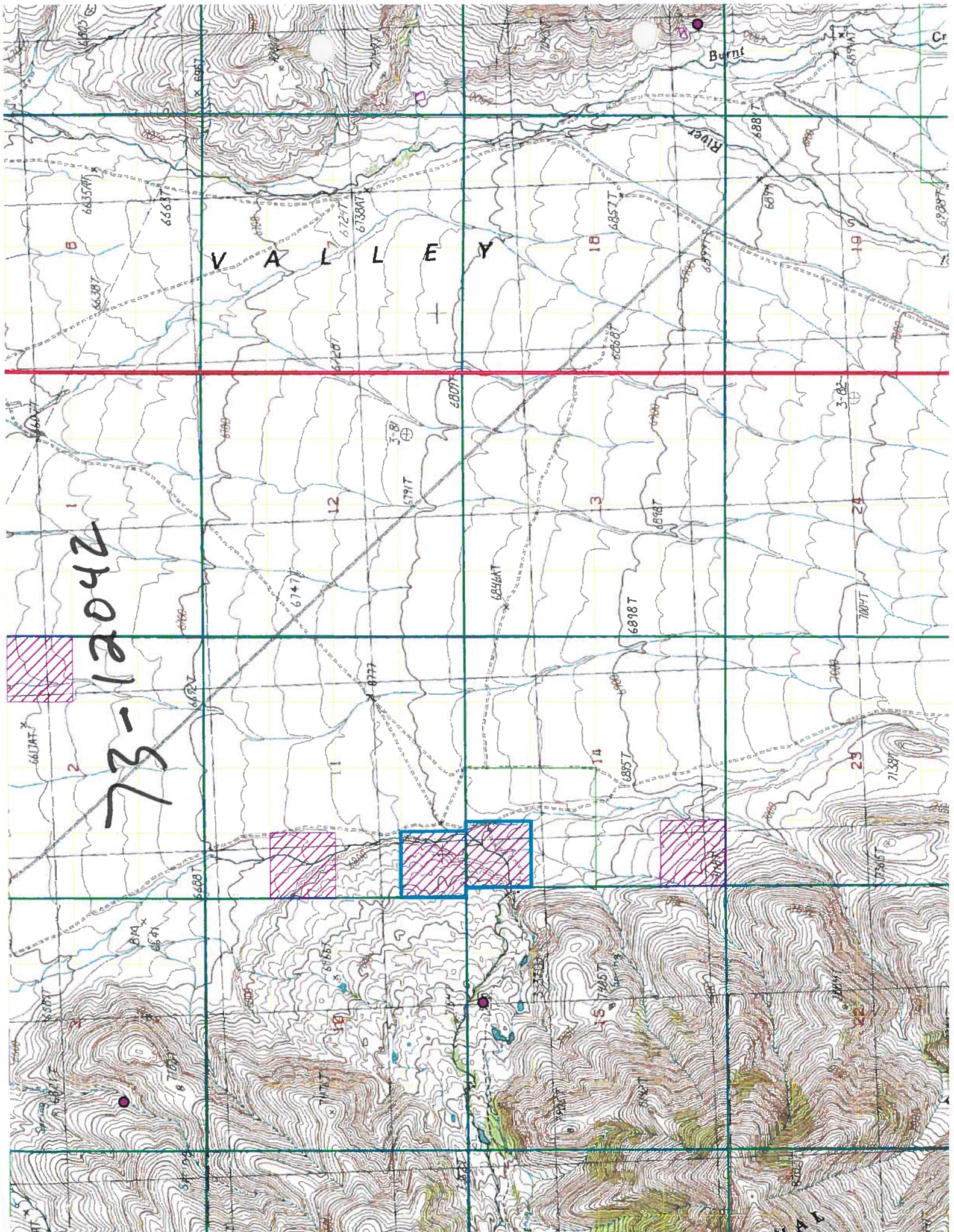
Pou

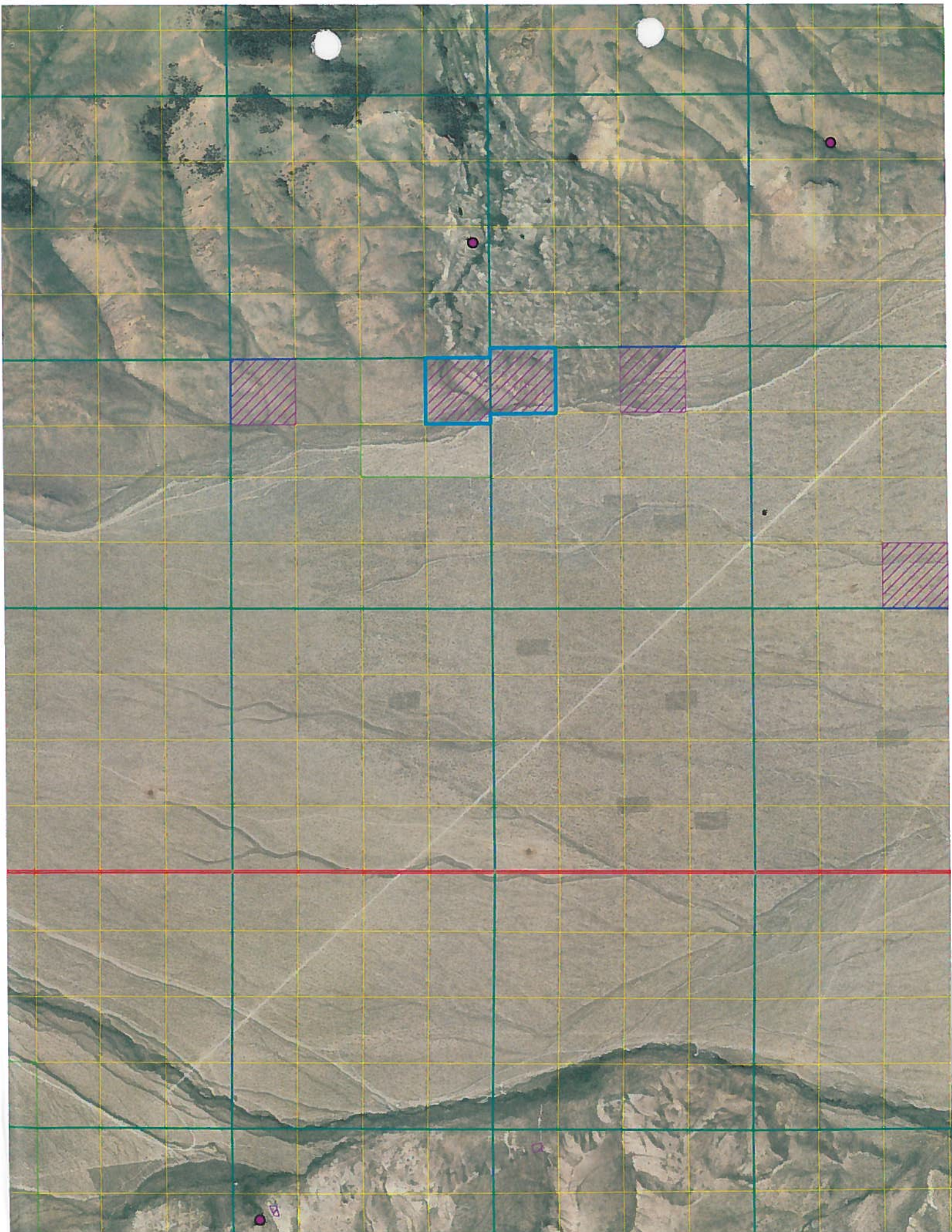
11 N 23 E Sec 11

Sec 14

~~Conflict w/ WR 73-2098 on section 14~~

Wild & Scenic Agreement





IDAHO DEPARTMENT OF WATER RESOURCES

Water Permit Report 73-12042

WATER RIGHT NUMBER: 73-12042

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	US DEPT OF INTERIOR BUREAU OF LAND MANAGEMENT SALMON DISTRICT 1206 S CHALLIS ST SALMON, ID 83467 (208)756-5400

Priority Date: 03/22/2005

Basis:

Status: Active

<u>Source</u>	<u>Tributary</u>
UNNAMED STREAM	PAHSIMEROI RIVER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
STOCKWATER	01/01	to 12/31	0.020 CFS	
WILDLIFE	01/01	to 12/31	0.020 CFS	
	<u>Total Diversion:</u>		0.020 CFS	

Location of Point(s) of Diversion

UNNAMED STREAM	NW1/4NE1/4	Sec. 15, Twp 11N, Rge 23E, B.M.
CUSTER County		

Place of 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	23E	11						X											
11N	23E	14											X						
													L 3						

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	
11N	23E	11						X											
11N	23E	14											X						
													L 3						

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report 73-12042

Conditions of Approval:

1. R37 This right, when considered with all other rights common to the same grazing allotment, is limited to the quantity of water beneficially used by the number of stock within the allotment.
2. 029 Prior to the diversion and use of water under this approval, the right holder shall comply with all fish screening requirements of the Idaho Department of Fish and Game.
3. N05 The quantity of water under this right for stockwater and wildlife use shall not exceed 13,000 gallons per day.
4. 26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.
5. X02 Stockwater use is for 700 range cattle.

Remarks:

Comments:

1. eretelle 8/24/2005 POU
Comment: Updated Shape
2. eretelle 8/24/2005 POU
Comment: Updated Shape
3. eretelle 10/26/2005 POD
Comment: Updated shape
4. eretelle 10/26/2005 POD
Comment: Updated shape
5. eretelle 10/26/2005 POU
Comment: Updated Shape

Water Supply Bank: