

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

A. GENERAL INFORMATIONPermit No: 73-12200

Exam Date: 07/18/12

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 NAddress of Record Correct? Y X N

If No: Address

Salmon Office: 1206 South Challis St. Salmon, ID 83467

3. Beneficial Use Fees have been paid:
- X
- Y
-
- N Receipt No: C094660

- 4.
- SOURCE**
-
- TRIBUTARY**

Rattlesnake Spring

Goose Creek

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

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
73-7099	Rattlesnake Spring	Stockwater	Decreed
73-11948	Rattlesnake Spring	Stockwater	Decreed

Comments:.

Combined cfs of 73-7099, 73-11948, & 73-7099 below recommendation of Application Processing Memo #3 of 0.07 cfs for 240 head.

As seen in pictures provided by permittee, USFS system is separate from BLM system.

C. DIVERSION AND DELIVERY SYSTEM

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Rattlesnake Spring		SW	NE	NW	30	13N	22E	B.M.	Custer

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

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

- 2.
- PLACE OF USE:**
- Use: Stock 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	
13N	22E	19	X								X								
		Lot #																	
																	Total Acres =		

Method of Determination: GIS imagery found trough in Lot 16 of 1N24E17.

Change in POU? X Y N Amendment Required? X Y 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 well below recommendation of Application Processing Memo #3 for 240 head.

Permit allowed = 0.02 cfs

License recommend for 0.02 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

2. Volume Calculations for Other Uses:

Per Application Processing Memo #3, sec. 3

$$240 \times 0.0134 = 3.2 \text{ afa}$$

Per Application Processing Memo #3 – 201-300 head, 4.1 afa

License recommend for 3.2 afa.

G. PURPOSE OF USEIrrigation ☐ N # Stock 240 cattle Domestic # of Homes _____

Other: Wildlife

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Troughs visible on GIS Imagery. Photos provided by permittee

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

**Wild and Scenic – Salmon River except for Middle Fork
Known as Rattlesnake Pipeline
POD on USFS Ground.**

Water delivery system established in accordance with this notice shall be fully enclosed and shall be equipped with an automatic shutoff valve or a mechanism for returning unused water to the source through an enclosed system. **See pictures of shut-off valves provided by permittee.**

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	3.2 AF
Wildlife	01/01 to 12/31	0.02 CFS	3.2 AF
<u>Totals:</u>		0.02 CFS	3.2 AF

2. Recommended Amendments☒ X 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 ☒ X None

Other:

J. AUTHENTICATIONField Examiner's Name Danella Brown-Foxman Date 06/24/13

Reviewer _____ Date _____

State of Idaho
Department of Water Resources
Permit to Appropriate Water
NO. 73-12200

Priority: September 15, 2011

Maximum Diversion Rate: 0.02 CFS

This is to certify, that UNITED STATES OF AMERICA ACTING THROUGH THE
DEPARTMENT OF INTERIOR BUREAU OF LAND MANAGEMENT IDAHO
CHALLIS FIELD OFFICE
1151 BLUE MOUNTAIN RD
CHALLIS ID 83226

has applied for a permit to appropriate water from:

Source: RATTLESNAKE SPRING Tributary: GROUSE CREEK

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
STOCKWATER	01/01 to 12/31	0.02 CFS
WILDLIFE	01/01 to 12/31	0.02 CFS

SW

LOCATION OF POINT(S) OF DIVERSION:

RATTLESNAKE SPRING ~~SE~~ NE 1/4 NW 1/4 Sec. 30 Twp 13N Rge 22E, B.M. CUSTER County

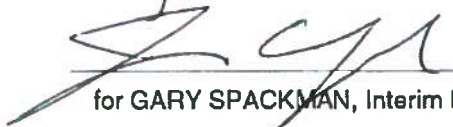
PLACE OF USE: STOCKWATER and WILDLIFE

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
13N	22E	19				X													

CONDITIONS OF APPROVAL

1. Proof of application of water to beneficial use shall be submitted on or before February 01, 2013.
2. Subject to all prior water rights.
3. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 73.
4. Upon specific notification by the Department, the right holder shall install a lockable device of a type acceptable to the Department in a manner that will provide the watermaster suitable control of the diversion.
5. The system established for delivery of water to stock troughs under this right shall be fully enclosed and shall be equipped with an automatic shutoff valve or a mechanism for returning unused water to the source through an enclosed system.
6. 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.
7. Stockwater use is for 240 range cattle.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code. Witness the signature of the Director, affixed at Boise, this 31st day of January, 2012.


for GARY SPACKMAN, Interim Director

The field exam and areal photography shows that the POD is located in SWNENW (correct) instead of SENENW (incorrect). This error was introduced in the Application for Permit.

RECEIVED

SEP 15 2011

Department of Water Resources
Eastern RegionSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No.

73-12200

1. Name of applicant(s) USDI-BLM Challis Field Office Phone 1.208.879.6200
 Name connector (check one) ☐ and ☐ or ☐ and/or
 Mailing address: 1151 Blue Mountain Road City Challis
 State Idaho Zip 83226 Email: narave@blm.gov

2. Source of water supply Rattlesnake Springs which is a tributary of Sinks

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source
13N	22E	30		~~SE~~	NE	NW	Custer	Rattlesnake Springs
				SW				

The field exam and areal photography shows that the POD is located in **SWNENW** (correct) instead of **SENENW** (incorrect). This error was introduced in the Application for Permit.

4. Water will be used for the following purposes:

Amount 0.02 for stockwater purposes from 01/01 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount 0.02 for wildlife purposes from 01/01 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)

5. Total quantity to be appropriated is (a) 0.02 cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. 24" perforated culvert inserted into the spring connected to a 2" pipeline which delivers the water to one trough on Forest Service and 2 troughs on BLM

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in Item 11.

For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ No

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☐ No

e. If well is already drilled, when? _____; drilling firm _____
 Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Description of proposed uses (if irrigation only, go to Item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. _____

b. Stockwatering; list number and kind of livestock. 240 Range Cattle

c. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. _____

d. Domestic; show number of households _____

e. Other; describe fully. _____

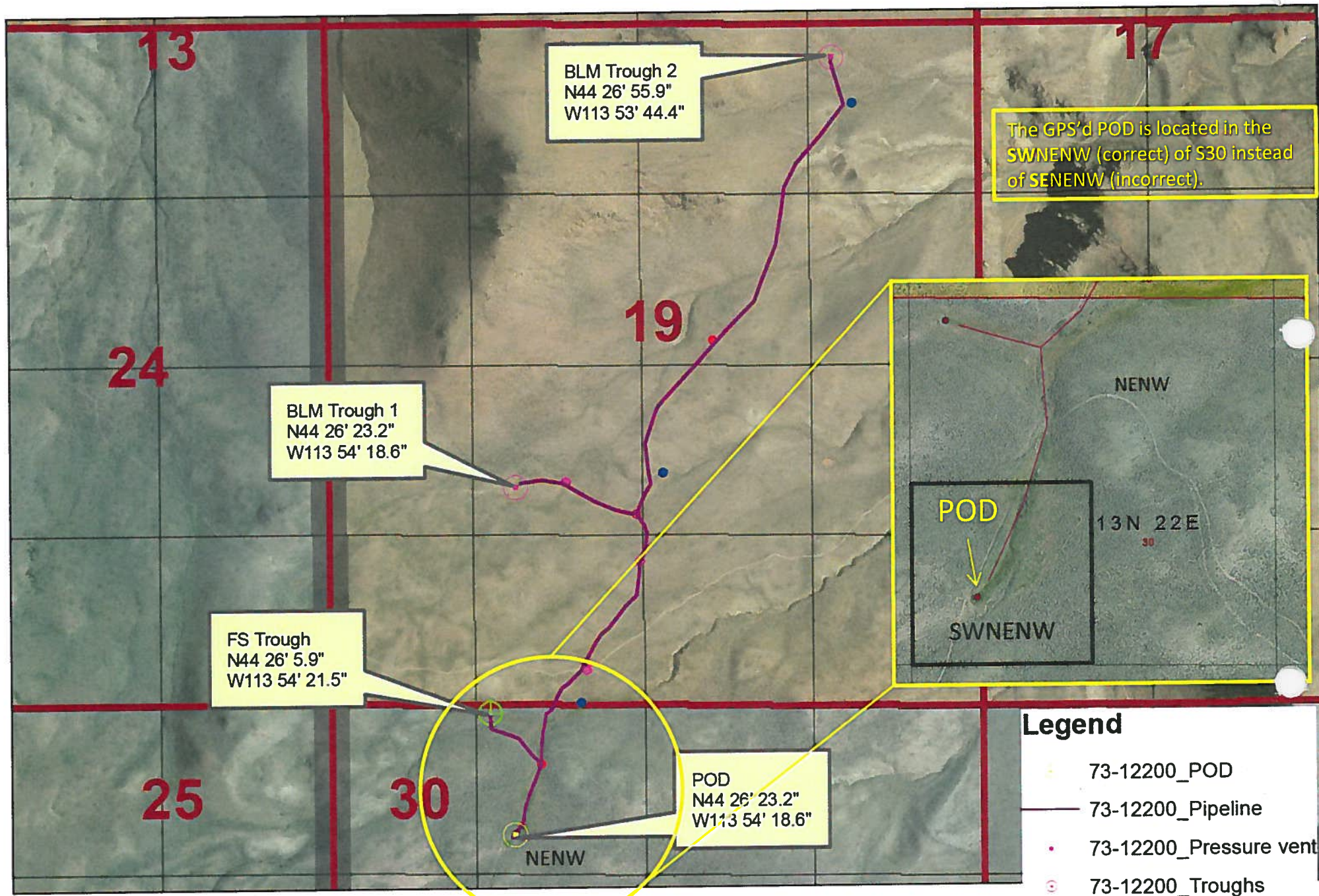
RECEIVED

SEP 28 2011

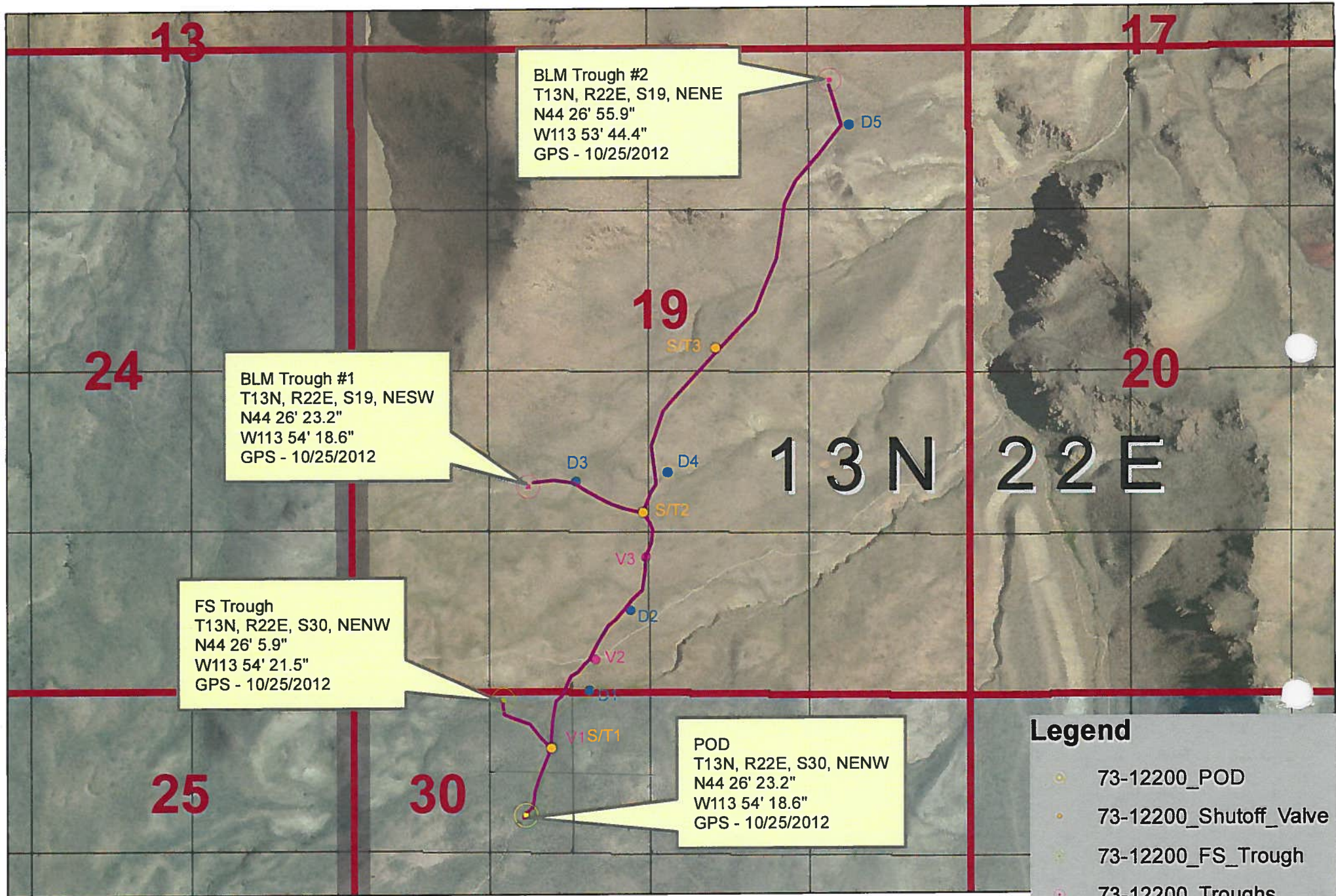
Department of Water Resources
Eastern Region

73-12200

AMENDED



73-12200 Rattlesnake Pipeline



73-12200

Rattlesnake Pipeline, Project #364694

Picture #1

T13N, R22E, S30, NENW
N44.435, W113.906
Intake side of FS Trough #1.

Picture #2

T13N, R22E, S30, NENW
N44.435 W113.906
FS Trough #1 + looking down
drainage.

Picture #3

T13N, R22E, S30, NENW
N44.4324, W113.9053
From above POD looking down
valley.

Picture #4

T13N, R22E, S30, NENW
N44.4324, W113.9053
Head of Spring.

Picture #5

T13N, R22E, S30, NENW
N44.4324, W113.9053
POD and Pipeline.

Picture #6

T13N, R22E, S30, NENW
N44.4324, W113.9053
Inside of POD without cover.

Picture #7

T13N, R22E, S30, NENW
N44.4324, W113.9053
POD outlet.

Picture #8

T13N, R22E, S30, NENW
N44.4324, W113.9053
Two outlets inside POD
culvert.

Picture #9

T13N, R22E, S30, NENW
POD, looking East. There is a
FS trough in background that
we did not investigate.

Picture #10

T13N, R22E, S30, NENW
Exposed pipe as it exits
enclosure.

Picture #12

T13N, R22E, S30, NENW
Base of enclosure along
pipeline.

Picture #13

T13N, R22E, S30, NENW
N44.4339 W113.9045
Shutoff Valves #1, Pressure
Vent #1.

Picture #14

T13N, R22E, S30, NENW
N44.4339 W113.9045
Shutoff Valves #1, Pressure
Vent #1.

Picture #15

T13N, R22E, S30, NENW
N44.4339, W113.9045
Shutoff Valves #1, Pressure
Vent #1.

Picture #16

T13N, R22E, S30, NENW
N44.4339, W113.9045
Shutoff Valves #1, Pressure
Vent #1.

Picture #17

T13N, R22E, S30, NENW
N44.4339, W113.9045
Shutoff Valves #1.

Picture #18

T13N, R22E, S19, SESW
N44.4352, W113.9033
Pressure Vent #2 and Drain #1.

Picture #19

T13N, R22E, S19, SESW
N44.4352, W113.9033
Pressure Vent #2 and Drain #1.

Picture #20

T13N, R22E, S19, SESW
N44.4382, W113.9015
Pressure Vent #3, exposed
pipeline.

Picture #21

T13N, R22E, S19, SESW
N44.4382, W113.9015
Pressure Vent #3.

Picture #22

T13N, R22E, S19, SESW
N44.437, W113.902
Exposed pipeline near Drain
#2.

Picture #23

T13N, R22E, S19, SESW
N44.437, W113.902
Drain Valve #2.

Picture #24

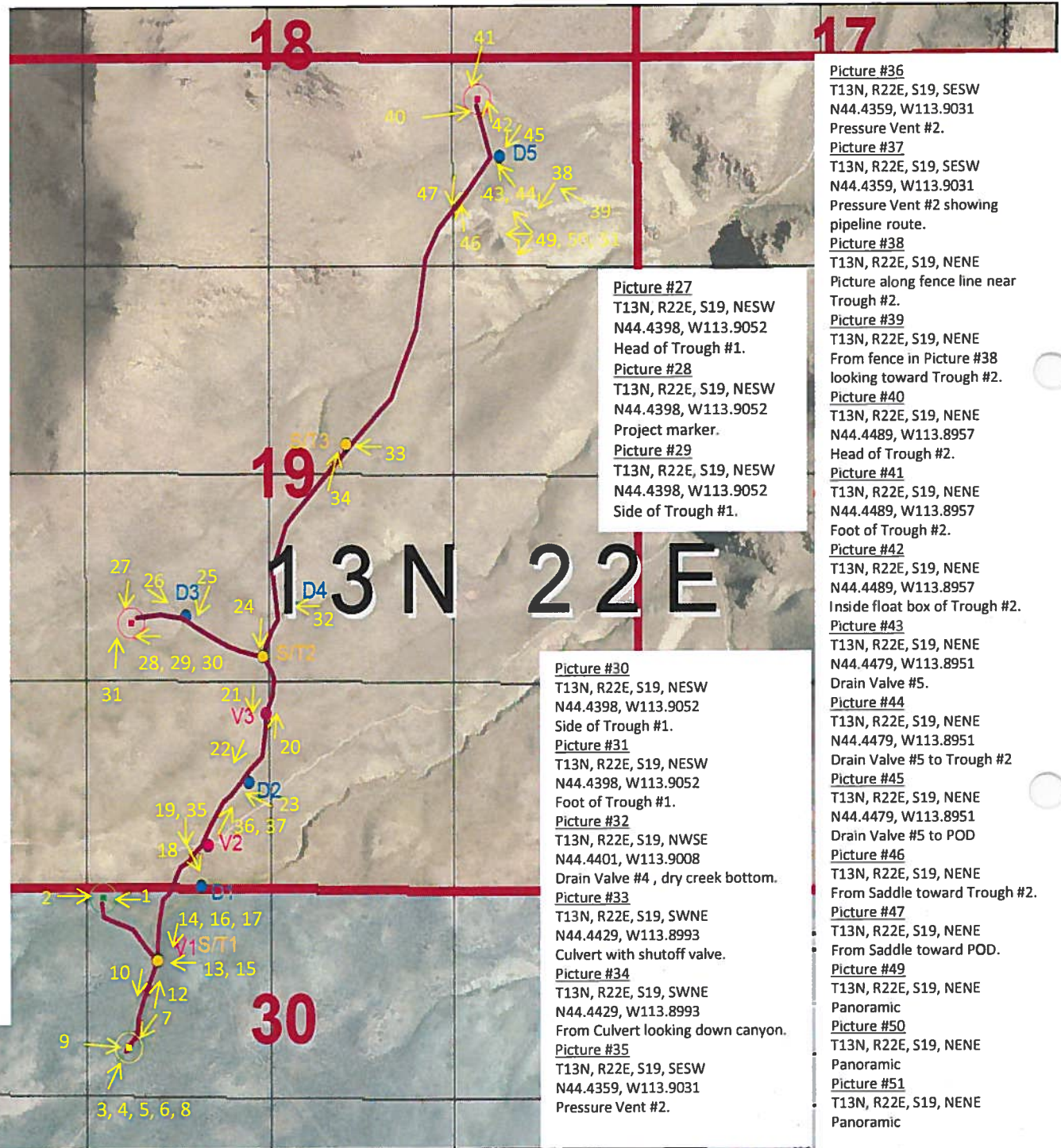
T13N, R22E, S19, NESW
N44.4392, W113.9016
Tee #2, Shutoff Valve #2.

Picture #25

T13N, R22E, S19, NESW
N44.4399 W113.9037
Drain Valve #3.

Picture #26

T13N, R22E, S19, NESW
N44.4399 W113.9037
Drain Valve #3.



Picture #36

T13N, R22E, S19, SESW
N44.4359, W113.9031
Pressure Vent #2.

Picture #37

T13N, R22E, S19, SESW
N44.4359, W113.9031
Pressure Vent #2 showing
pipeline route.

Picture #38

T13N, R22E, S19, NENE
Picture along fence line near
Trough #2.

Picture #39

T13N, R22E, S19, NENE
From fence in Picture #38
looking toward Trough #2.

Picture #40

T13N, R22E, S19, NENE
N44.4489, W113.8957
Head of Trough #2.

Picture #41

T13N, R22E, S19, NENE
N44.4489, W113.8957
Foot of Trough #2.

Picture #42

T13N, R22E, S19, NENE
N44.4489, W113.8957
Inside float box of Trough #2.

Picture #43

T13N, R22E, S19, NENE
N44.4479, W113.8951
Drain Valve #5.

Picture #44

T13N, R22E, S19, NENE
N44.4479, W113.8951
Drain Valve #5 to Trough #2

Picture #45

T13N, R22E, S19, NENE
N44.4479, W113.8951
Drain Valve #5 to POD

Picture #46

T13N, R22E, S19, NENE
From Saddle toward Trough #2.

Picture #47

T13N, R22E, S19, NENE
From Saddle toward POD.

Picture #49

T13N, R22E, S19, NENE
Panoramic

Picture #50

T13N, R22E, S19, NENE
Panoramic

Picture #51

T13N, R22E, S19, NENE
Panoramic

Picture #27

T13N, R22E, S19, NESW
N44.4398, W113.9052
Head of Trough #1.

Picture #28

T13N, R22E, S19, NESW
N44.4398, W113.9052
Project marker.

Picture #29

T13N, R22E, S19, NESW
N44.4398, W113.9052
Side of Trough #1.

Picture #30

T13N, R22E, S19, NESW
N44.4398, W113.9052
Side of Trough #1.

Picture #31

T13N, R22E, S19, NESW
N44.4398, W113.9052
Foot of Trough #1.

Picture #32

T13N, R22E, S19, NWSE
N44.4401, W113.9008
Drain Valve #4, dry creek bottom.

Picture #33

T13N, R22E, S19, SWNE
N44.4429, W113.8993
Culvert with shutoff valve.

Picture #34

T13N, R22E, S19, SWNE
N44.4429, W113.8993
From Culvert looking down canyon.

Picture #35

T13N, R22E, S19, SESW
N44.4359, W113.9031
Pressure Vent #2.



FS Trough
T13N, R22E, S30, NENW
★ N44.435 W113.906 (GPS)

From intake side of FS Trough #1.

Bird Ladder

Road/ POD

Pipeline



FS Trough
T13N, R22E, S30, NENW
★ N44.435 W113.906 (GPS)

FS Trough #1 & down valley.

Rattlesnake Creek Pipeline
Project #364694

73-12200

Picture #3
10/25/2012

Shutoff Valves
#1/Pressure
Valve #1

Drain Valve #1

Pipeline

POD

Exclosure
fence



POD, Rattlesnake Spring
T13N, R22E, S30, NENW
★ N44.4324 W113.9053 (GPS)

Standing above POD looking down valley.
POD is where Brandon is standing.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #4
10/25/2012



POD, Rattlesnake Spring
T13N, R22E, S30, NENW
★ N44.4324 W113.9053 (GPS)

Head of Spring.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #5
10/25/2012

Broken FS pipeline

POD Culvert

Pipeline

BLM pipe goes back
under ground

POD, Rattlesnake Spring
T13N, R22E, S30, NENW
★N44.4324 W113.9053 (GPS)

POD and Pipeline.





POD, Rattlesnake Spring
T13N, R22E, S30, NENW
★ N44.4324 W113.9053 (GPS)

Inside of POD without cover.



POD, Rattlesnake Spring
T13N, R22E, S30, NENW
★ N44.4324 W113.9053 (GPS)

FS pipe is broken. The rest
of the pipe is outside of
picture. Needs repair.

BLM pipe. Connects to
culvert under ground (see
picture #8).

POD outlet.



POD, Rattlesnake Spring
T13N, R22E, S30, NENW
★ N44.4324 W113.9053 (GPS)



Two outlets inside POD Culvert.

Rattlesnake Creek Pipeline
Project #364694

73-12200

FS trough. No data was gathered for this
trough because it is part of a different system.

Picture #9
10/25/2012



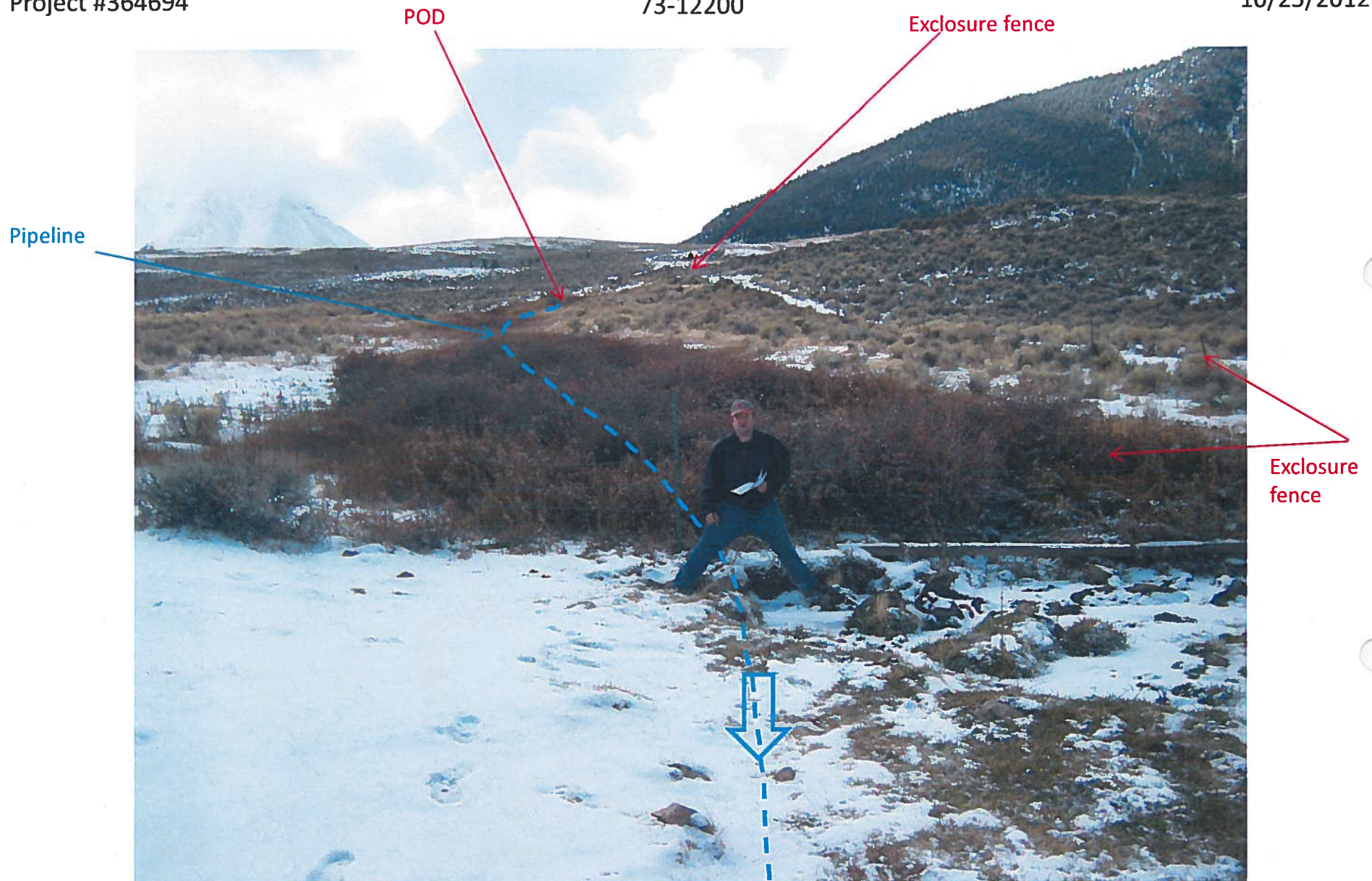
POD/Exclosure, Rattlesnake Spring
T13N, R22E, S30, NENW
No GPS data

POD, looking to FS trough in background
over Brandon's head.

Rattlesnake Creek Pipeline
Project #364694

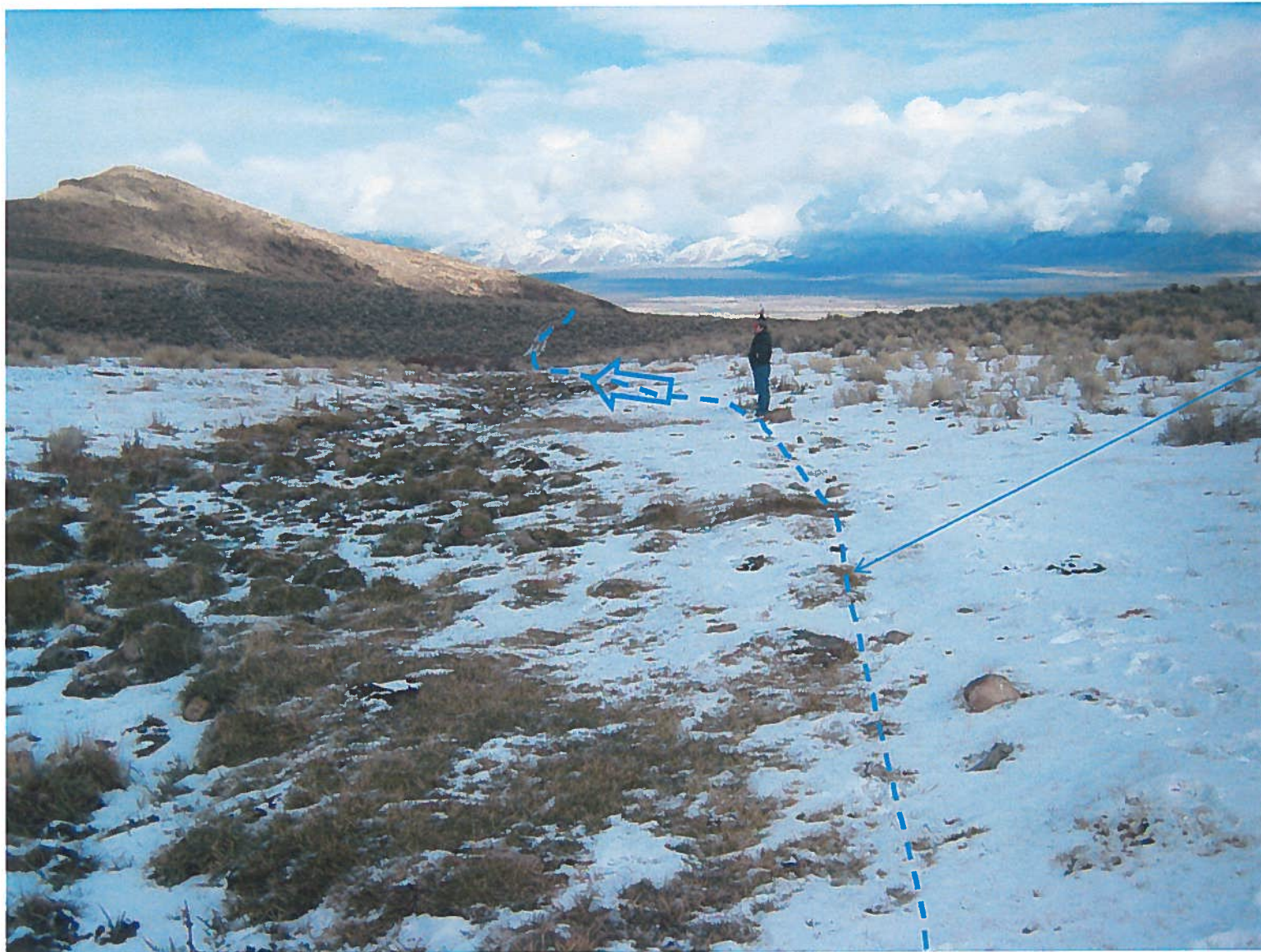
73-12200

Picture #10
10/25/2012



Pipeline Exiting the Exclosure
T13N, R22E, S30, NENW
No GPS data

Taken from bottom end of exclosure (North side). Brandon
standing on exposed pipe as it exits exclosure.



POD/Exclosure, Rattlesnake Spring
T13N, R22E, S30, NENW
No GPS data

From base of exclosure along pipeline.
Brandon standing over pipeline.

73-12200

Rattlesnake Creek Pipeline
Project #364694

Picture #13
10/25/2012

BLM shutoff Valve #1

FS shutoff Valve #1

FS Shutoff Valve #1

Pressure Vent #1

Tee #1/Shutoff Valve #1/
Pressure Vent #1
T13N, R22E, S30, NENW
★N44.4339 W113.9045 (GPS)



From Shutoff Valves
#1 and Pressure
Vent #1 back
looking back toward
POD.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #14
10/25/2012

Pressure Vent #1

FS Shutoff Valve #1

FS shutoff Valve #1

BLM shutoff Valve #1

Tee #1/Shutoff Valve #1/
Pressure Vent #1
T13N, R22E, S30, NENW
★N44.4339 W113.9045 (GPS)

From Shutoff Valves
#1 and Pressure Vent
#1 back toward POD.



73-12200

Rattlesnake Creek Pipeline
Project #364694

Picture #15
10/25/2012



73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #16
10/25/2012

Pipeline

Pressure Vent #1

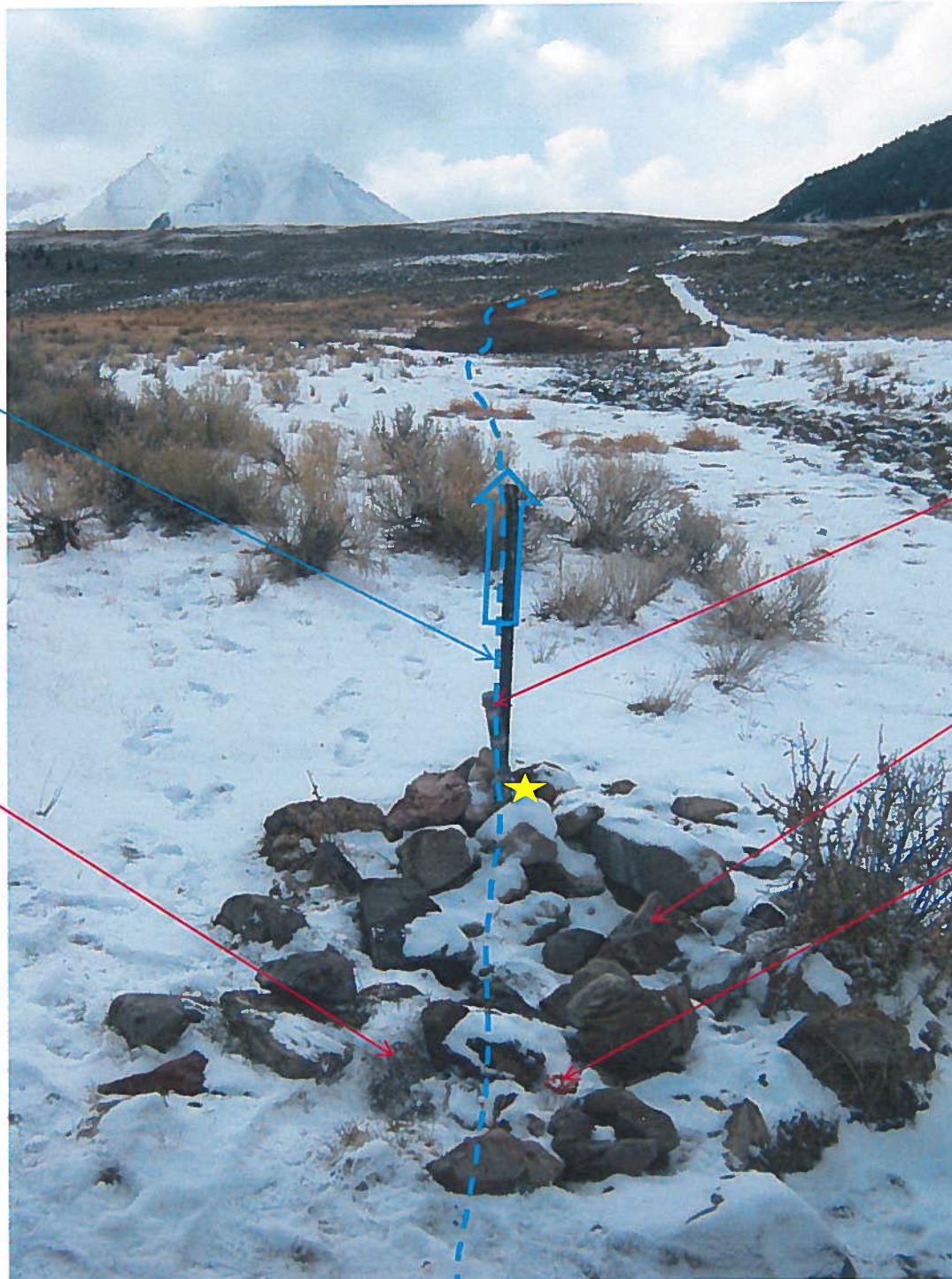
Valve is behind this pointy
rock. FS Shutoff Valve #1

FS shutoff Valve #1

BLM shutoff Valve #1

Tee #1/Shutoff Valve #1/
Pressure Vent #1
T13N, R22E, S30, NENW
★ N44.4339 W113.9045
(GPS)

Picture of Shutoff Valves
#1 and Pressure Vent #1.
POD enclosure in
background.



FS shutoff
Valve #1

BLM
shutoff
Valve #1

FS Shutoff
Valve #1



Tee #1/Shutoff Valve #1/ Pressure Vent #1
T13N, R22E, S30, NENW
★N44.4339 W113.9045 (GPS)

Picture of Shutoff Valves #1.

Rattlesnake Creek Pipeline
Project #364694

73-12200

Drain Valve #1
Picture #18
10/25/2012



POD
Picture #19
10/25/2012



Pipeline leading to Drain Valve #1. Drain Valve #1 is in bottom of drainage to minimize erosion.

Pipeline

Drain Valve #1
T13N, R22E, S19, SESW
★ N44.4352 W113.9033 (GPS)

From road near Pressure Vent #2 and Drain Valve #1.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #20
10/25/2012



Pressure Vent #3
T13N, R22E, S19, SESW
★ N44.4382 W113.9015
(GPS)

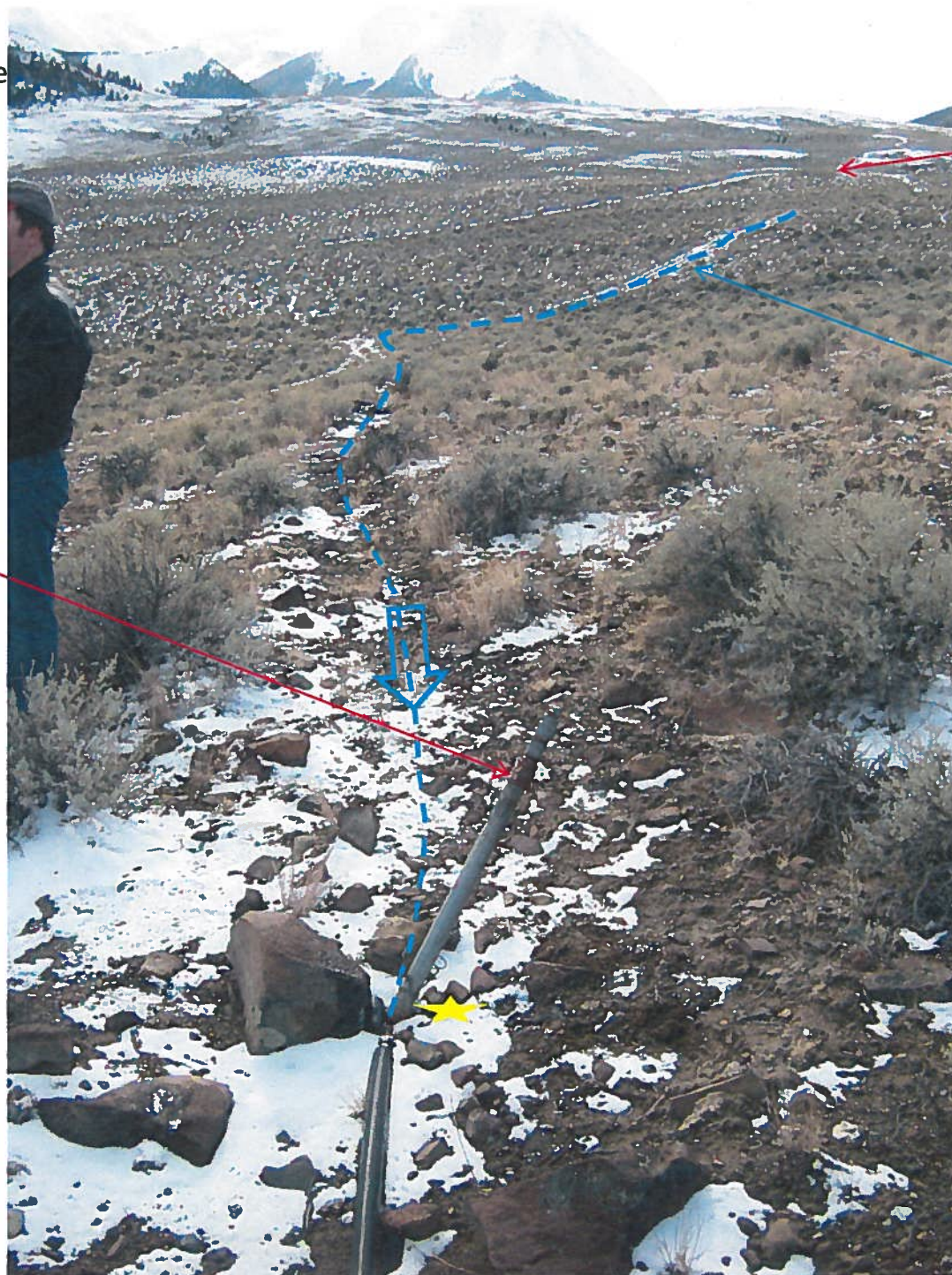
From Pressure Vent #3
looking at exposed
pipeline.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #21
10/25/2012

Pressure Vent #3

Pressure Vent #3
T13N, R22E, S19, SESW
★ N44.4382 W113.9015
(GPS)



From Pressure Vent #3
looking back up buried
pipeline route.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #22
10/25/2012

Drain Valve #2

Drain Valve #2
T13N, R22E, S19, SESW
★ N44.437, W113.902
(GPS-Digitized)



Pipeline

Looking at where
exposed pipeline.
Brandon standing at
Drain Valve #2.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #23
10/25/2012

Drain Valve #2

Drain Valve #2
T13N, R22E, S19, SESW
★ N44.437, W113.902
(GPS-Digitized)



Drain Valve #2.

73-12200

Rattlesnake Creek Pipeline
Project #364694

Picture #24
10/25/2012

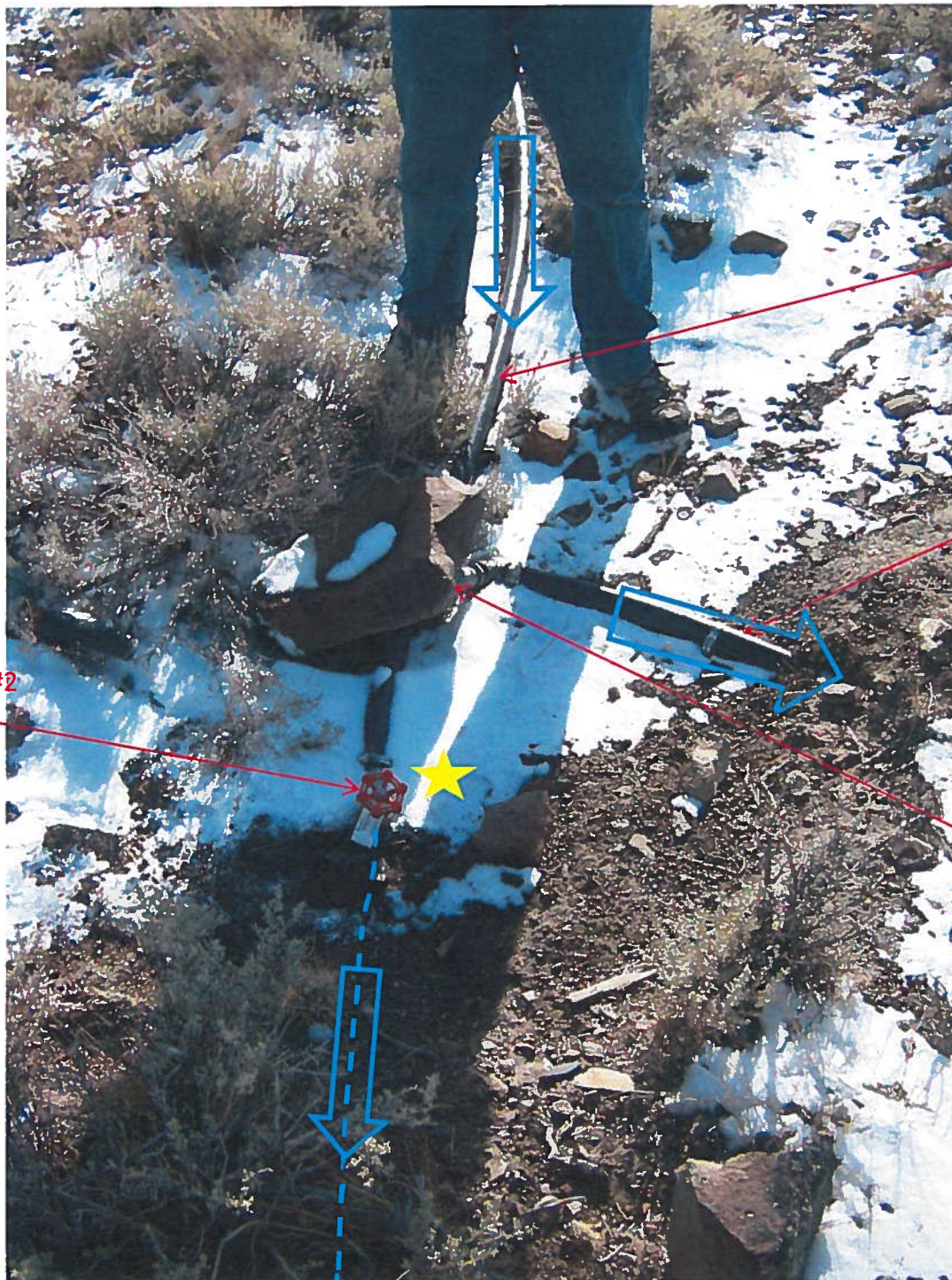
Shutoff Valve #2 to Trough #2

From POD

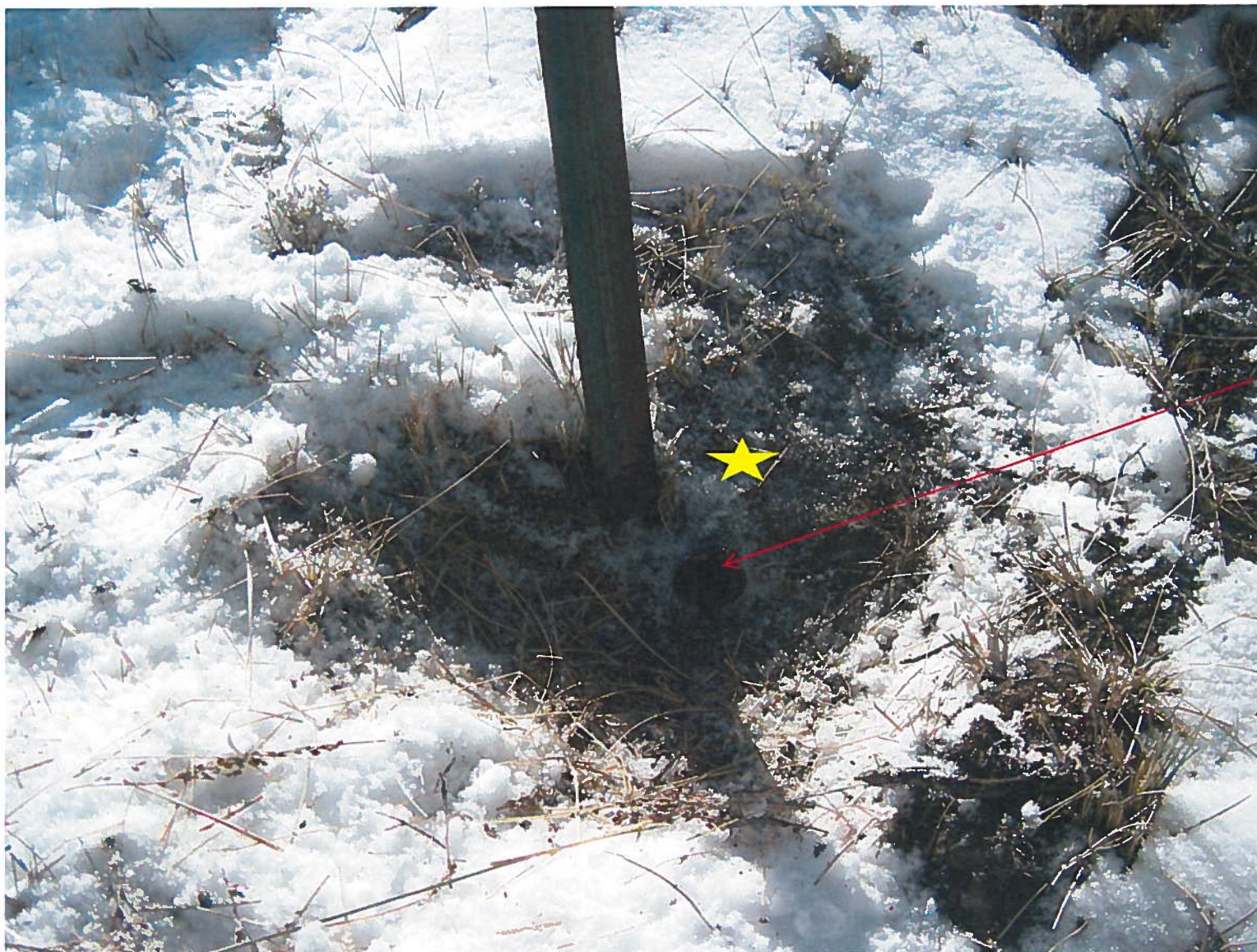
Pipeline to Trough #1

Tee

Tee #2/Shutoff Valve #2
T13N, R22E, S19, NESW
★ N44.4392 W113.9016
(GPS)



Tee #2 and Shutoff Valve #2.



Drain Valve #3

Drain Valve #3
T13N, R22E, S19, NESW
★ N44.4399 W113.9037 (GPS)

Drain Valve #3



Drain Valve #3
T13N, R22E, S19, NESW
★ N44.4399 W113.9037 (GPS)

Drain Valve #3, looking back down pipeline route.

Rattlesnake Creek Pipeline
Project #364694

Picture #27
10/25/2012

73-12200

Project Marker

Bird Ladder

Inlet

BLM Trough #1
T13N, R22E, S19, NESW
★ N44.4398 W113.9052
(GPS)

Head of Trough #1.





BLM Trough #1
T13N, R22E, S19, NESW
★ N44.4398 W113.9052 (GPS)

Project Marker (Rattlesnake Pipeline) attached to Trough #1.
-the wrong section is stamped into the marker.

Bird Ladder

Project
Marker

Inlet

2nd Inlet



BLM Trough #1

T13N, R22E, S19, NESW

★ N44.4398 W113.9052 (GPS)

This Trough is not floated.

Side of Trough #1.



BLM Trough #1
T13N, R22E, S19, NESW
★ N44.4398 W113.9052 (GPS)

Side of Trough #1.



BLM Trough #1
T13N, R22E, S19, NESW
★ N44.4398 W113.9052 (GPS)

Foot of Trough #1 looking down hill toward hummocking area.

Drain
Valve #4



Drain Valve #4
T13N, R22E, S19, NWSE
★ N44.4401 W113.9008 (GPS)

Drain Valve #4 in a dry creek bottom.



Shutoff Valve #3
T13N, R22E, S19, SWNE
★ N44.4429 W113.8993 (GPS)

Culvert with Shutoff leading to Trough #2.

Rattlesnake Creek Pipeline
Project #364694

73-12200

Picture #34
10/25/2012

Photo point for Pictures
#38 and 39

Trough #2

Fence

Shutoff Culvert

Shutoff Valve #3
T13N, R22E, S19, SWNE
★ N44.4429 W113.8993
(GPS)

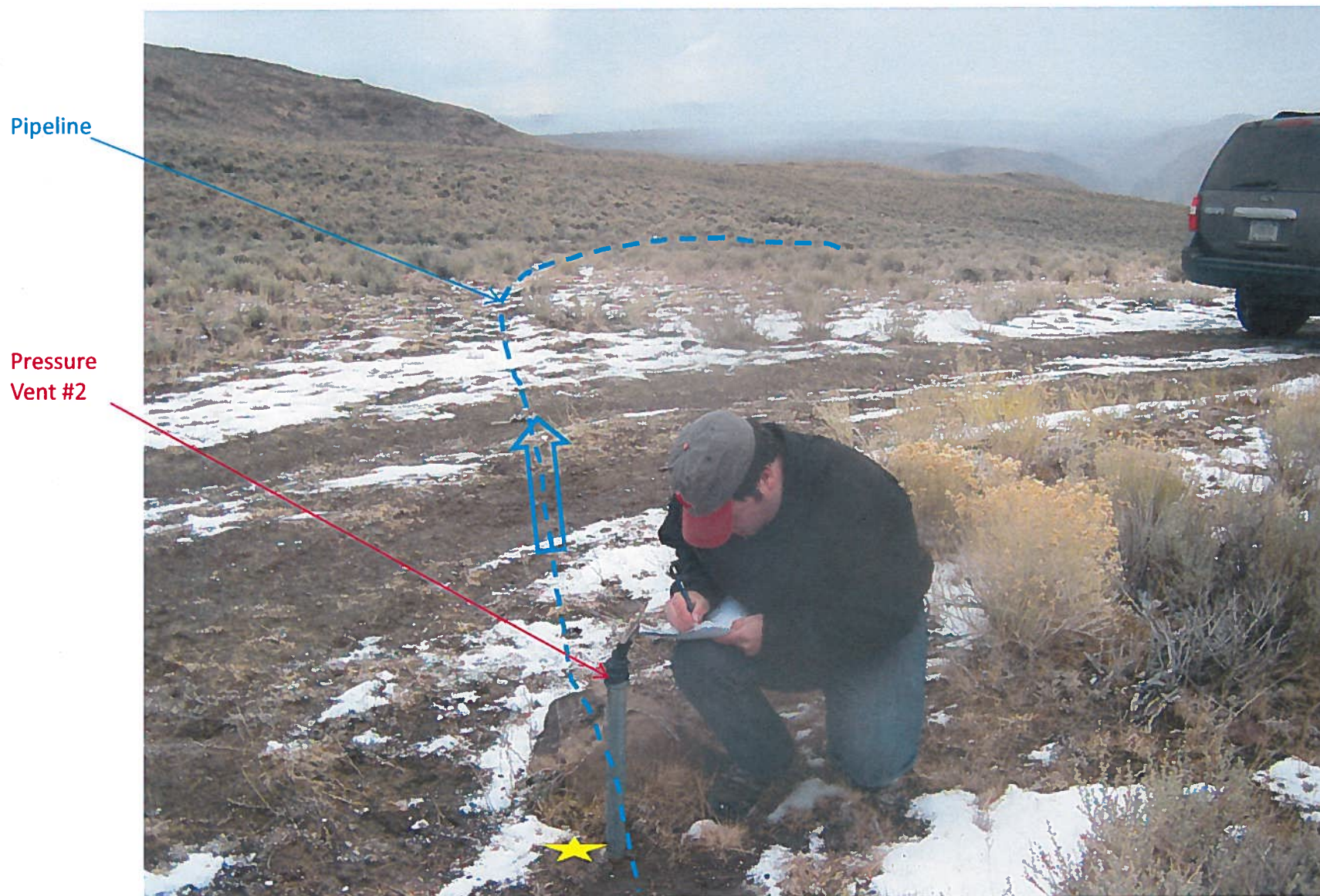
From Culvert
looking down
canyon.





Pressure Vent #2
T13N, R22E, S19, SESW
★ N44.4359 W113.9031 (GPS)

From Pressure Vent #2 toward POD.
Pipeline follows road to POD.



Pressure Vent #2
T13N, R22E, S19, SESW
★ N44.4359 W113.9031 (GPS)

From Pressure Vent #2 looking at pipeline.



Pressure Vent #2
T13N, R22E, S19, SESW
★ N44.4359 W113.9031 (GPS)

Pressure Vent #2 showing pipeline down 2 track.



Rattlesnake Creek Pipeline
Project #364694

73-12200

Picture #38
10/25/2012



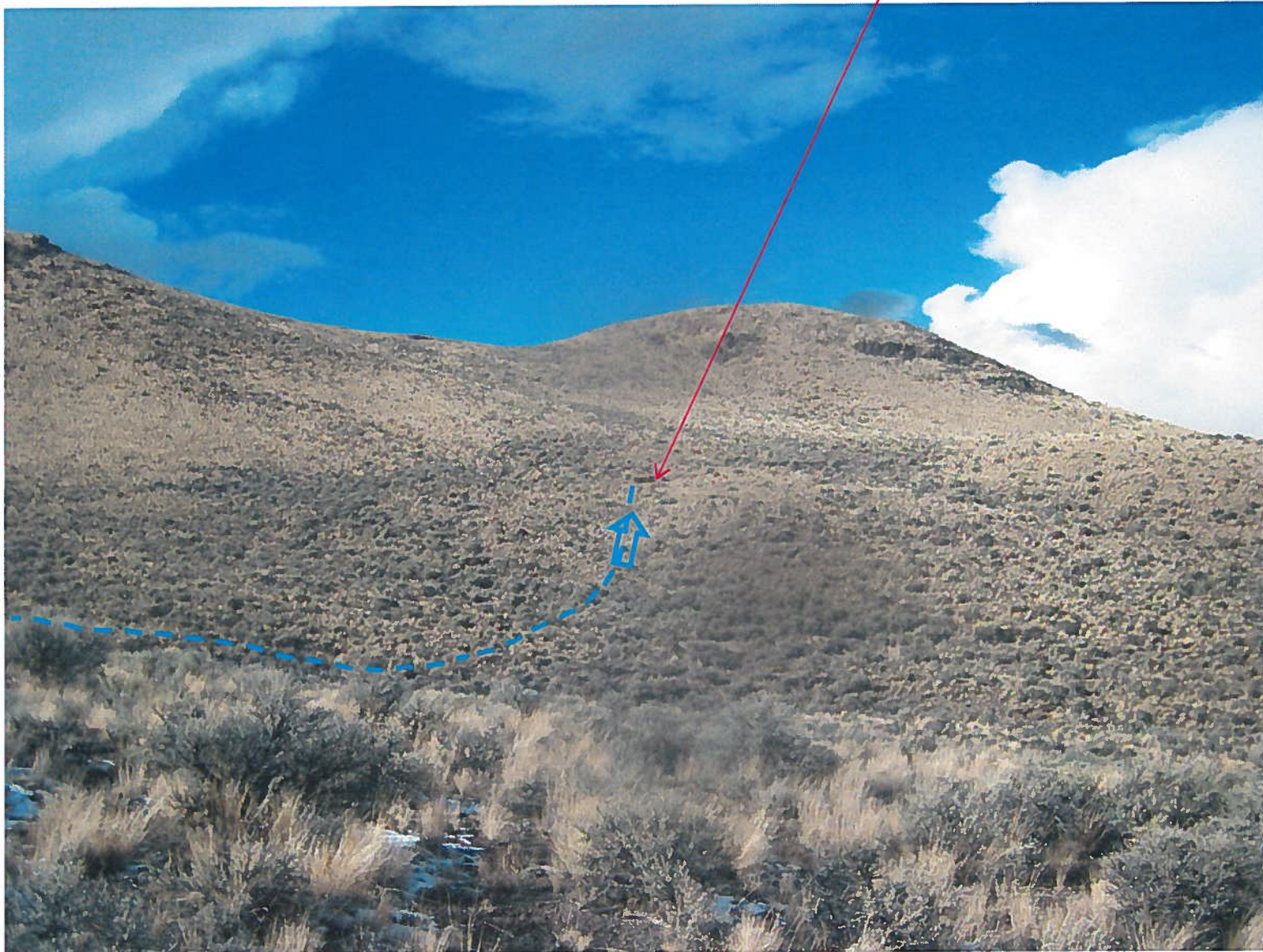
Picture along fence line
T13N, R22E, S19, NENE
No GPS data

Picture along fence line near Trough #2 looking
back toward Culvert Shutoff #3 and POD.

Rattlesnake Creek Pipeline
Project #364694

73-12200

Picture #39
10/25/2012



Picture along fence line
T13N, R22E, S19, NENE
No GPS data

From fence in Picture #38
looking toward Trough #2.



BLM Trough #2
T13N, R22E, S19, NENE
★ N44.4489 W113.8957 (GPS)

Head of Trough #2.



BLM Trough #2
T13N, R22E, S19, NENE
★ N44.4489 W113.8957 (GPS)

Foot of Trough #2 looking
back toward pipeline route.



Float
connection

BLM Trough #2
T13N, R22E, S19, NENE
★ N44.4489 W113.8957 (GPS)

Inside Float box of Trough #2.

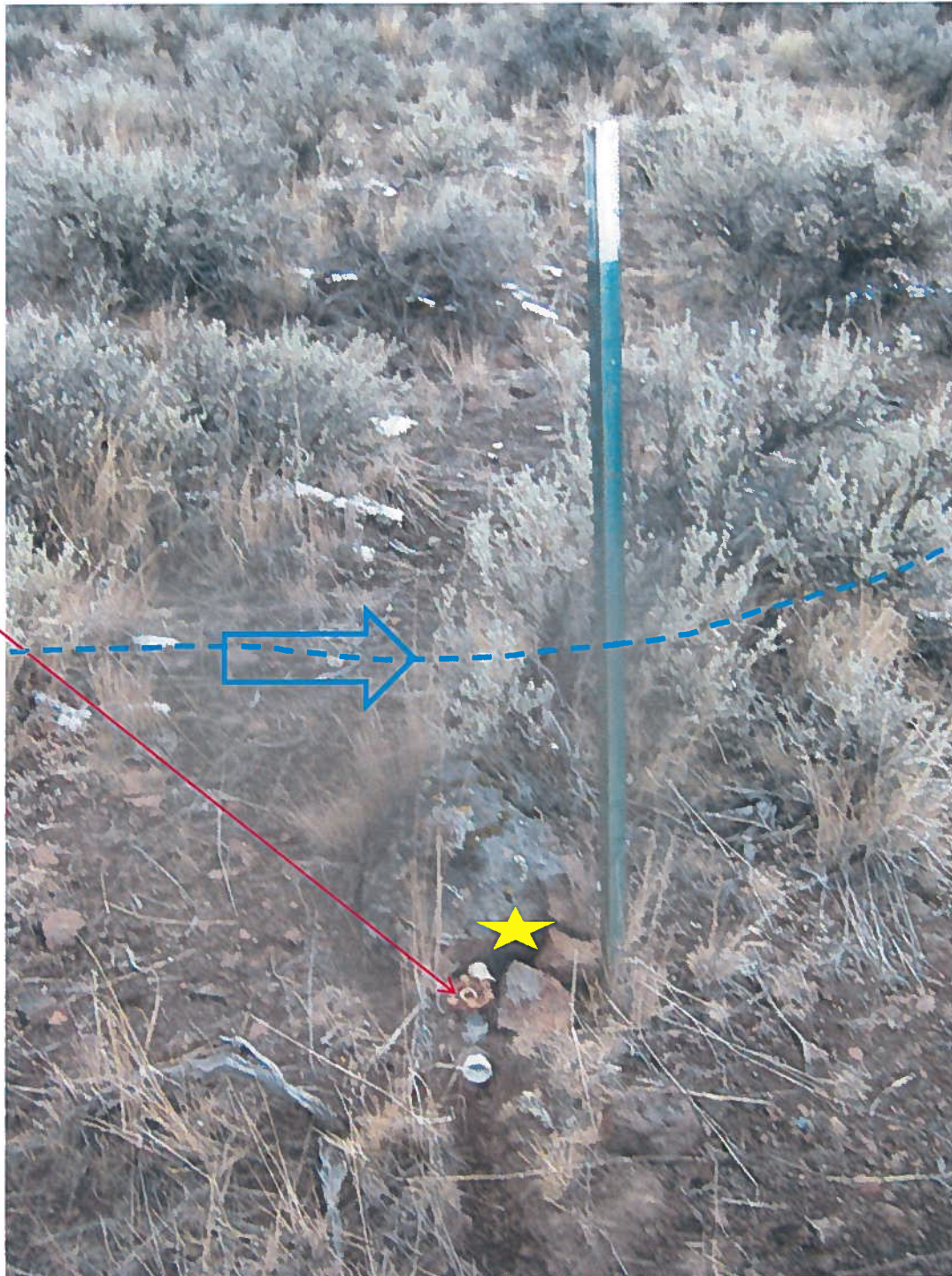
73-12200

Rattlesnake Creek Pipeline
Project #364694

Picture #43
10/25/2012

Drain Valve #5

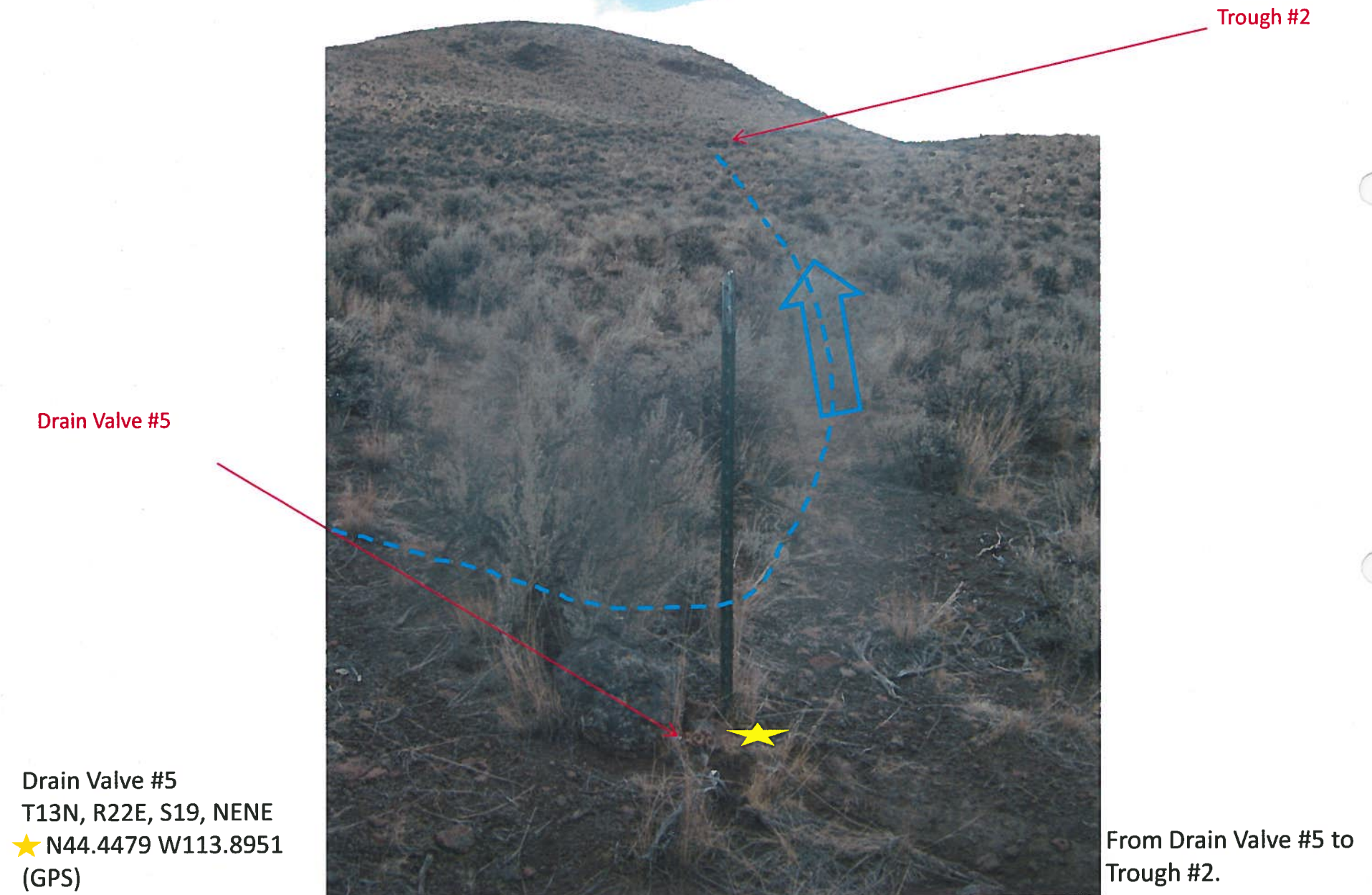
Drain Valve #5
T13N, R22E, S19, NENE
★ N44.4479 W113.8951
(GPS)



Drain Valve #5

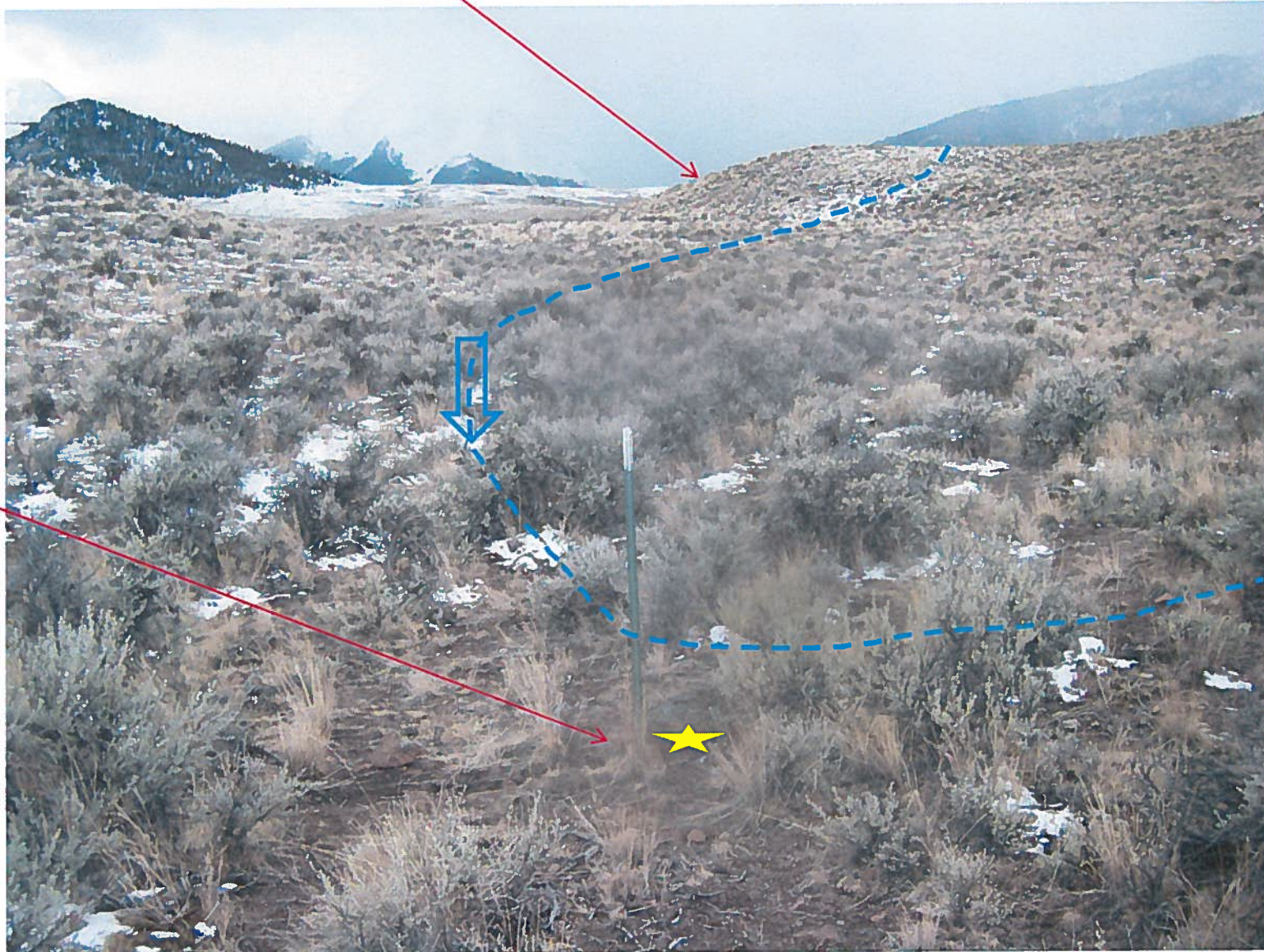
73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #44
10/25/2012



POD 73-12200

Drain
Valve #5



Drain Valve #5
T13N, R22E, S19, NENE
★ N44.4479 W113.8951 (GPS)

From Drain Valve #5 toward POD.

Trough #2

Drain
Valve #5



Drain Valve #5
T13N, R22E, S19, NENE
No GPS data

From Saddle toward Trough #2.

2 track
leading to
Culvert
shutoff #3.



Picture along fence line
T13N, R22E, S19, NENE
No GPS data

From Saddle toward POD.

73-12200
Rattlesnake Creek Pipeline
Project #364694

Picture #51
10/25/2012



2 track

Culvert shutoff valve #3

POD

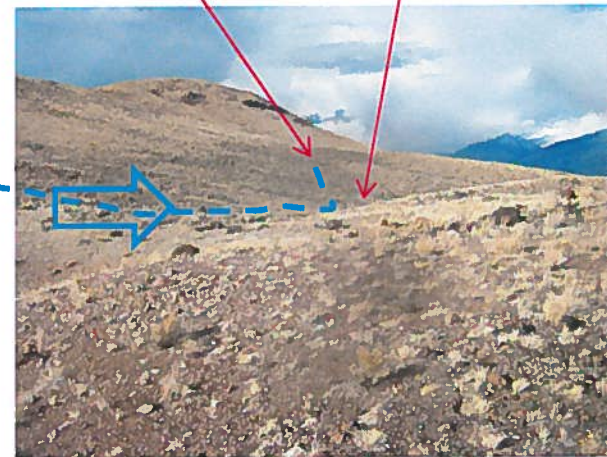
Picture #50
10/25/2012



Picture along fence line
T13N, R22E, S19, NENE
No GPS data

Trough #2

Drain Valve #5



Picture #49
10/25/2012

Panoramic toward POD, Trough #2, and 2
track leading toward Culvert Shutoff #3.

From: Arave, Nathaniel L [mailto:narave@blm.gov]
Sent: Friday, August 17, 2012 10:31 AM
To: Favreau, Danielle
Subject: RE: water right license review of 73-12200

Danielle,

The pictures are of the headbox in the spring, the second picture is the shutoff. The system is not shut off directly at the headbox, but a few yards down the pipe is the shutoff valve. To winterize they disconnect the pipe from the front end of the headbox. I hope this gives you the information you need

Nathaniel Arave
Hydrologist
USDI-BLM Challis Field Office
1151 Blue Mountain Road
Challis, Idaho 83226
Office: 208.879.6215
Cell: 208.608.3787





BLM
PROVIDED
CD

Favreau, Danielle

From: Spencer, Steven M -FS [sspencer@fs.fed.us]
Sent: Wednesday, January 30, 2013 4:01 PM
To: Favreau, Danielle
Subject: RE: moving permits to licenses

Thank you very much.

From: Favreau, Danielle [mailto:Danielle.Favreau@idwr.idaho.gov]
Sent: Wednesday, January 30, 2013 3:48 PM
To: Spencer, Steven M -FS
Subject: RE: moving permits to licenses

Hi Steve,

Thank you for getting back with me.

I will add to the files that 73-7099 is part of the Rattlesnake Springs Pipeline and that 73-11948 is for the trough in 13N22E30NENW.

Danielle

From: Spencer, Steven M -FS [mailto:sspencer@fs.fed.us]
Sent: Wednesday, January 23, 2013 2:53 PM
To: Favreau, Danielle
Subject: RE: moving permits to licenses

Danielle,

These do slowly move along. I've truncated your original message to focus on Rattlesnake Springs. I just heard back from my folks in Salmon last Friday and have subsequently looked up the history of each water right mentioned with respect to Rattlesnake Spring. Turning the clock back 30 years, what I've learned is outlined below:

- The Forest Service filed 73-07099 in 1984. It was ultimately licensed in 1987 with the POD in the NENW Sec 30 and POU's in the SWNE and NENW Sec 30.
- In the SRBA the FS filed 73-07099. For reasons unknown only the POU in the SWNE was decreed.
- The FS also filed 73-11948 in the SRBA to get the 1882 historic use priority date for the spring in the NENW Sec 30. (There was a lot going on with stockwater in the SRBA and it may have been that since the POU for stockwater was going to be decreed in the NENW Sec 30 that duplication of that POU in 73-07099 would be repetitive and unnecessary.)
- Then in 2011 the BLM discovers that it has some troughs in Sec 19 without water rights. They file 73-12200. This application provides some excellent background and historical information.
 - In No. 6 it is indicated that the headbox "delivers the water to one trough on the Forest Service and 2 troughs on the BLM".
 - In No. 11 it is indicated that then entire system was "constructed in 1985", contemporary with the FS 73-07099.

From this information it looks like:

- In answer to your question, 73-07099 does appear to be part of the original 1984/5 Rattlesnake Springs Pipeline.

- That although the FS POD in the NENW Sec. 30 may not appear as a POU for 73-07099, that same POU it is technically within the POU for 73-11948. If there is no change in the quarter-quarter and the use is still in the appropriate quarter-quarter, the NENW Sec 30 of 73-11948, I would urge the Department to consider the matter and hopefully determine further water right action may not be warranted because the NENW of Sec. 30 is authorized in 73-11948.

If you have any questions about this matter or there is additional action needed please contact me.

Thank you.

Steve

From: Favreau, Danielle [<mailto:Danielle.Favreau@idwr.idaho.gov>]
Sent: Wednesday, August 01, 2012 1:00 PM
To: Spencer, Steven M -FS
Subject: moving permits to licenses

Hi Steve,

I hope that you had a great July. I am busily working on stock water permits to move them toward licensing.

Thanks again for forwarding the emails from Cody. They are very helpful.

Rattlesnake Springs Pipeline:

I am actually working on the BLM permit for 73-12200. During my review, I ran into a few discrepancies with the USFS water rights associated with the pipeline.

Please verify if 73-7099 is or is not part of the Rattlesnake Springs Pipeline.

The historic spring right is 73-11948. There is a trough in 13N22E30NWENW that is part of the pipeline system but does not appear to have a water right. Please let me know if you would like to follow-up with any action regarding the trough in 13N22E30NENW.

Table 2: Rattlesnake Springs Pipeline			
Water Right No.	Use	Question	
73-7099	Stock water	Is 73-7099 part of the Pipeline? Please confirm if it is or is not.	
		There is a trough in 13N22E30NENW that is part of the pipeline system but does not appear to have a water right.	

I'm looking forward to hearing from you on these and other permits.

Thank you in advance for all of your help with these permits.

Danielle

Danielle Bruno-Favreau, GISP
 GIS Analyst
 Idaho Dept. of Water Resources
 322 East Front St.
 PO Box 83720
 Boise, ID 83720-0098

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Rattlesnake Springs Pipeline
BLM Trough 1

73-12200



0 45 90 180 270 360 Feet

D. Favreau 07/17/12

SWNW

SENW

NWSW

NESW

13N22E19

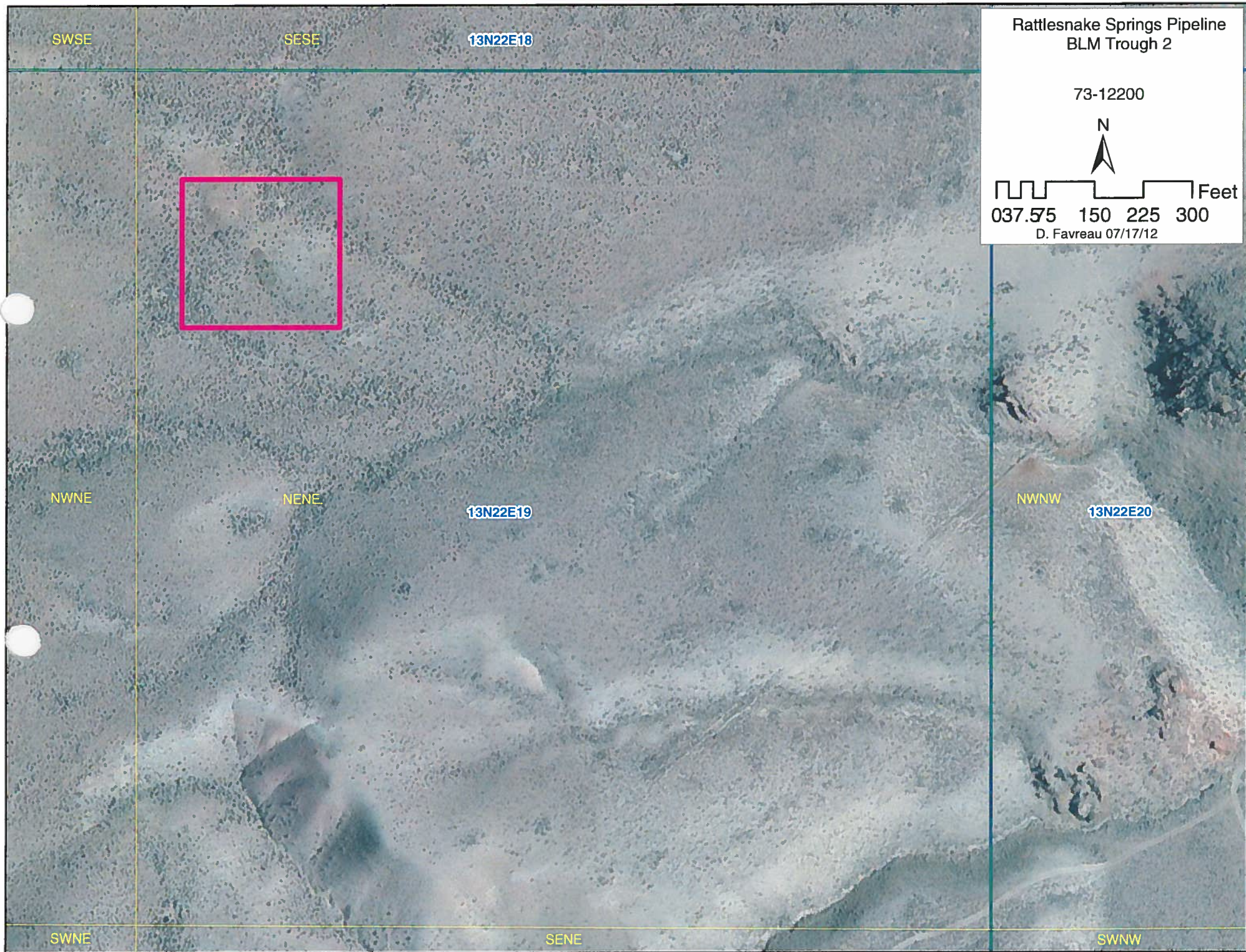
NWSE

SWSW

SESW

SWSE





Rattlesnake Springs Pipeline
BLM Trough 2

73-12200



037.5 150 225 300 Feet

D. Favreau 07/17/12

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
73	7099			Water Right	Decreed	Active	N	413476	9/28/1984	0.02	RATTLESNAKE SPRING	STOCKWATER	UNITED STATES OF AMERICA ACTING THROUGH
73	11948			Water Right	Decreed	Active	N	413903	6/1/1882	0.02	RATTLESNAKE SPRING	STOCKWATER	UNITED STATES OF AMERICA ACTING THROUGH
73	12200			Water Permit		Active	N	646588	9/15/2011	0.02	RATTLESNAKE SPRING	STOCKWATER, WILDLIFE	UNITED STATES OF AMERICA ACTING THROUGH
Other Owner				Leased to Wal	Applicatio	Approval	Total Ac	Acre Limit	Volume	Water District			
				No					1.3	73 - Pahsimeroi River			
				No						73 - Pahsimeroi River			
				No	1/31/2012					73 - Pahsimeroi River			

73-7099 - out of spring, different system to trough in SWNE?
 73-11948 - out of spring, 1882 priority date but historic use of spring
 → 73-12200 extension of system starting at 73-11948

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Permit	73 7095	USDA FOREST SERVICE,	SPRING	13N22E19										X							0
Right	73 10456	UNITED STATES OF AMERICA ACTING	RATTLESNAKE SPRING	13N22E19												X					0
Permit	73 12200	UNITED STATES OF AMERICA ACTING	RATTLESNAKE SPRING	13N22E19	X								X								0
Permit	73 12200	UNITED STATES OF AMERICA ACTING	RATTLESNAKE SPRING	13N22E19	X								X								0

Glen Gardiner
3 May 2012

73-12200

Fee \$50 paid OK for .02 CFS stockwater & wildlife
240 cattle

13N 22E Sec 30 P1D
19 POU

~~POD Tied to 73-7095 WR?~~

~~POD Tied to 72-~~10456~~ WR?~~

~~-~~10456~~ WR?~~

~~-12200 WR?~~

WR 73-10456 covers all section 19 SESW only

WR Permit 73-7095 sec 19 NW of SW

WR Permit 73-12200 sec 19 NE of NE $\frac{1}{2}$ NE of SW

Fatally issued to basin 72. Mistake - corrected to 73
per letters.

Wild & Scenic Agreement

C3		UNITED STATES OF AMERICA ACTING THROUGH THE DEPARTMENT OF INTERIOR BUREAU OF LAND MANAGEMENT IDAHO,																				
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
2	Permit	73 7095	USDA FOR SPRING	13N22E19											X							0
3	Permit	73 12200	UNITED STRATTLESN	13N22E19	X									X								0
4	Permit	73 12200	UNITED STRATTLESN	13N22E19	X									X								0
5	Right	73 10456	UNITED STRATTLESN	13N22E19													X					0
6																						
7																						

Place of use comparison

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 73-10456

WATER RIGHT NUMBER: 73-10456

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	UNITED STATES OF AMERICA ACTING THROUGH USDI BUREAU OF LAND MANAGEMENT IDAHO STATE OFFICE 1387 S VINNELL WAY BOISE, ID 83709-1657 (208) 373-4000

Priority Date: 04/17/1926

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
RATTLESNAKE SPRING	GROUSE CREEK

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
STOCKWATER	1/01 to 12/31	0.020 CFS	
	<u>Total Diversion:</u>	0.020 CFS	

Location of Point(s) of Diversion

RATTLESNAKE SPRING	SE1/4SE1/4SW1/4	Sec. 19, Twp 13N, Rge 22E, 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	
13N	22E	19												X					

Conditions of Approval:

1. BLM RECORD ID = 7304582385 STOCKWATER, 240 RANGE CATTLE; WILDLIFE VAR. AMT.
2. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
3. N13 THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.
4. N11 THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 73-10456

5. D01 ***** 4/17/1926 CLAIMED UNDER FEDERAL
RESERVED WATER RIGHT. * * *

* THIS WATER RIGHT
IS ALSO CLAIMED BASED ON FEDERAL LAW * * WITH AN APRIL 17, 1926, DATE OF
PRIORITY PURSUANT TO AN * * EXECUTIVE ORDER SIGNED THE SAME DATE AND KNOWN
AS PUBLIC * * WATER RESERVE 107. *

Remarks:

Comments:

Water Supply Bank:

73-10456
p24

19

30

IDAHO DEPARTMENT OF WATER RESOURCES

Water Permit Report 73-7095

WATER RIGHT NUMBER: 73-7095

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	USDA FOREST SERVICE BOISE NATIONAL FOREST 1249 S VINNELL WAY STE 200 BOISE, ID 83709 (208) 373-4133

Priority Date: 09/28/1984

Basis:

Status: Active

<u>Source</u>	<u>Tributary</u>
SPRING	GROUSE CREEK

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
STOCKWATER	6/01 to 10/30	0.020 CFS	
STOCKWATER STORAGE	6/01 to 10/30		0.10 AF
<u>Total Diversion:</u>		0.020 CFS	

Location of Point(s) of Diversion

SPRING	NW1/4SW1/4	Sec. 19, Twp 13N, Rge 22E, 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	
13N	22E	19											X						

Conditions of Approval:

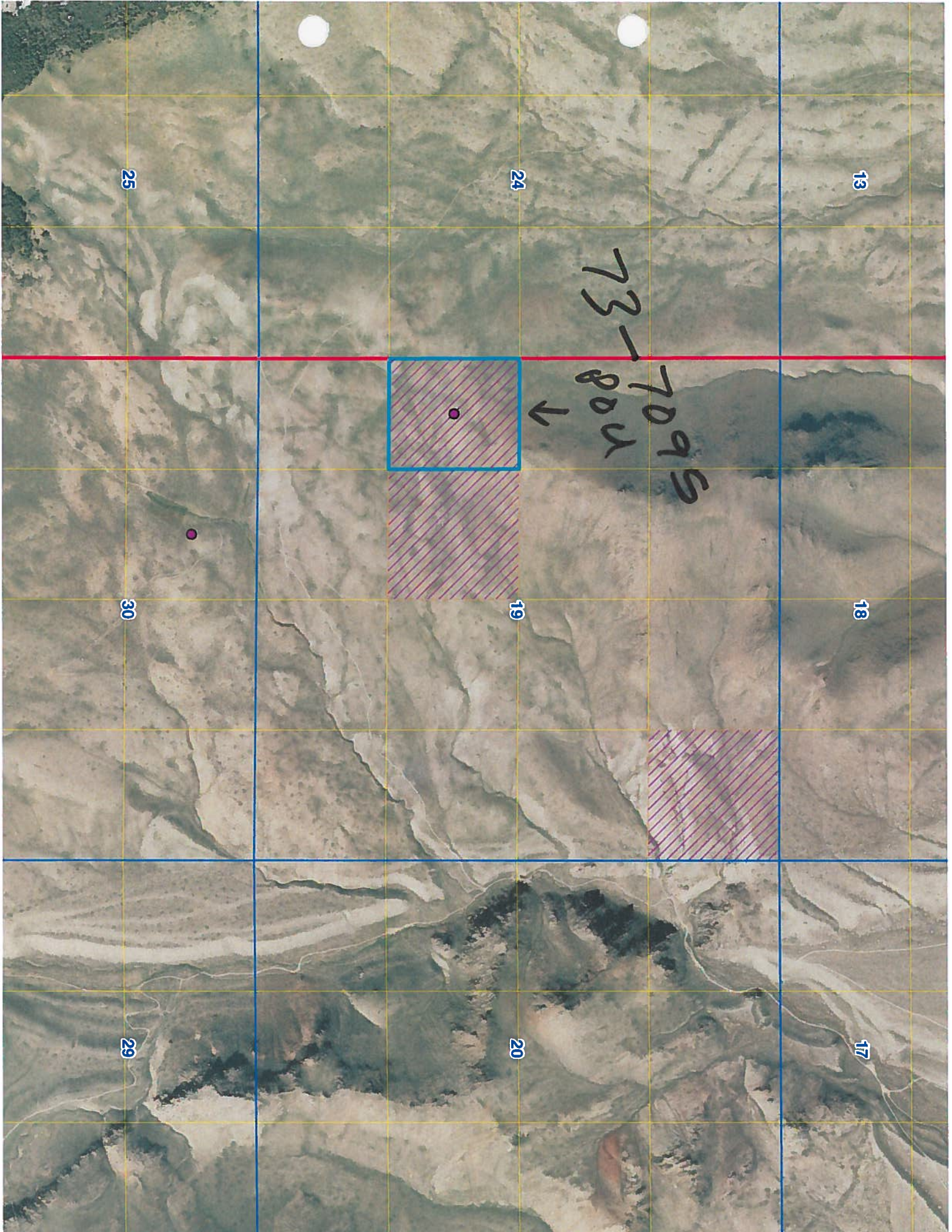
- 240 RANGE CATTLE

Remarks:Comments:

Page 2

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report 73-7095

Water Supply Bank:



IDAHO DEPARTMENT OF WATER RESOURCES

Water Permit Report 73-12200

WATER RIGHT NUMBER: 73-12200

Owner Type

Current Owner

Name and Address

UNITED STATES OF AMERICA ACTING THROUGH THE DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT IDAHO
CHALLIS FIELD OFFICE
1151 BLUE MOUNTAIN RD
CHALLIS, ID 83226
(208) 879-6200

Priority Date: 09/15/2011

Basis:

Status: Active

Source

RATTLESNAKE SPRING

Tributary

GROUSE CREEK

Beneficial Use

STOCKWATER

From To

01/01 to 12/31

Diversion Rate

0.020 CFS

Annual Volume

WILDLIFE

01/01 to 12/31

0.020 CFS

Total Diversion:

0.020 CFS

Location of Point(s) of Diversion

RATTLESNAKE SPRING

SE1/4NE1/4NW1/4

Sec. 30, Twp 13N, Rge 22E, B.M.

CUSTER County

Place of Use

STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
13N	22E	19	X								X								

WILDLIFE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
13N	22E	19	X								X								

Conditions of Approval:

IDAHO DEPARTMENT OF WATER RESOURCES

Water Permit Report 73-12200

1. 229 The system established for delivery of water to stock troughs under this right shall be fully enclosed and shall be equipped with an automatic shutoff valve or a mechanism for returning unused water to the source through an enclosed system.
2. 01P Upon specific notification by the Department, the right holder shall install a lockable device of a type acceptable to the Department in a manner that will provide the watermaster suitable control of the diversion.
3. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 73.
4. Stockwater use is for 240 range cattle.
5. 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.

Remarks:

Comments:

1. kmathews 11/10/2011 11:48:53 AM POD
Comment: Updated Shape
2. kmathews 11/10/2011 11:51:18 AM POU
Comment: Updated Shape
3. kmathews 11/10/2011 11:51:49 AM POU
Comment: Updated Shape

Water Supply Bank:

