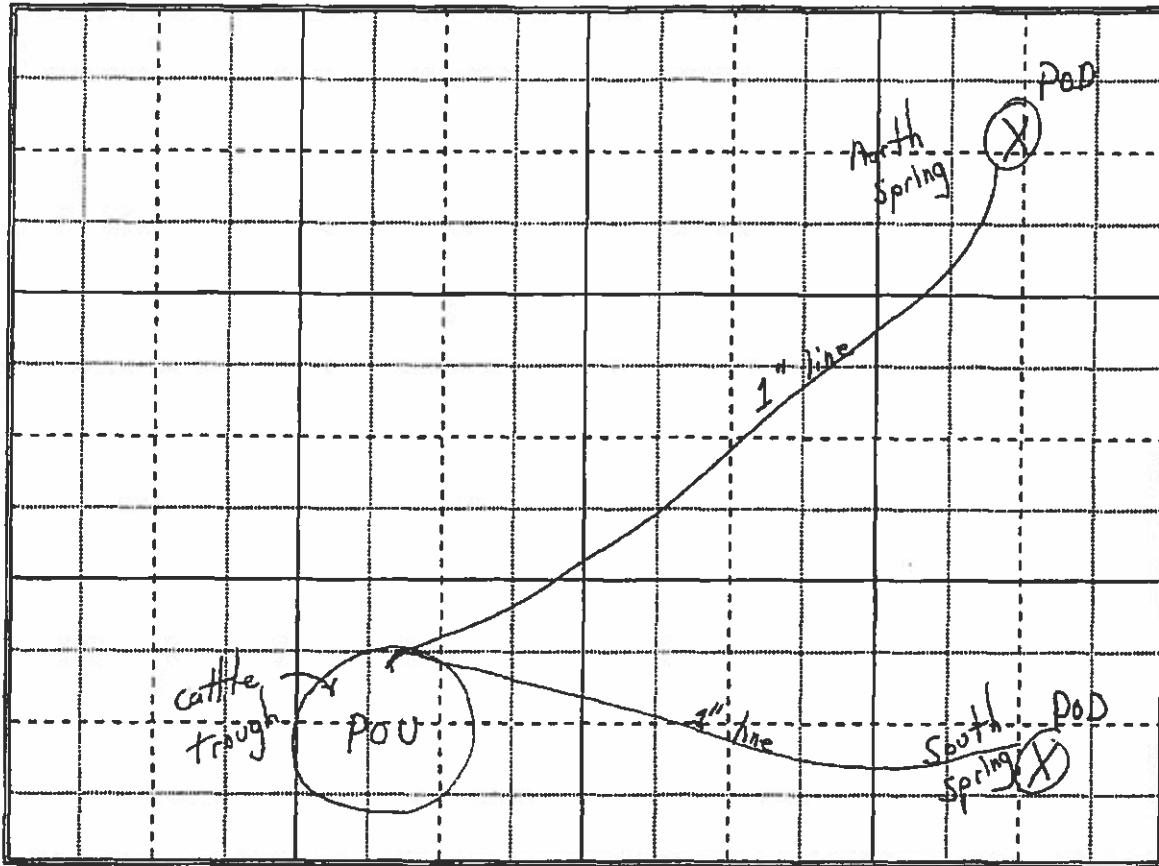


[illegible]

3. Delivery System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ 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: 2 1/2 gallon bucket fills in 18 seconds from North Spring
2 1/2 gallon bucket fills in 22 seconds from South Spring
or 5 gallon in 20 seconds or 15 gpm combined flow.

E. NARRATIVE/REMARKS/COMMENTS

Two separate springs feed down 1" lines to a common cattle trough.

The POU is R072618A

The POD North Spring R072619A

" " South Spring R072619B

Mr. Crawford felt the flows were probably down this year because the collection boxes for the springs had lower water levels in them.

The permit asked for .04 cfs. I feel this is a justified flow given my measurement of 15 gpm in a drought year.

The ranch runs an average of 250 head of cattle. This year they are running less because of concerns over water and feed.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

 $15 \text{ gal/minute} = 0.04 \text{ cfs}$ **G. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

 $V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$ $V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$ $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \underline{\hspace{2cm}}$

2. Volume Calculations for Other Uses:

 $250 \text{ cattle} = 3.4 \text{ AF/A}$ **H. RECOMMENDATIONS**

1. Recommended Amounts

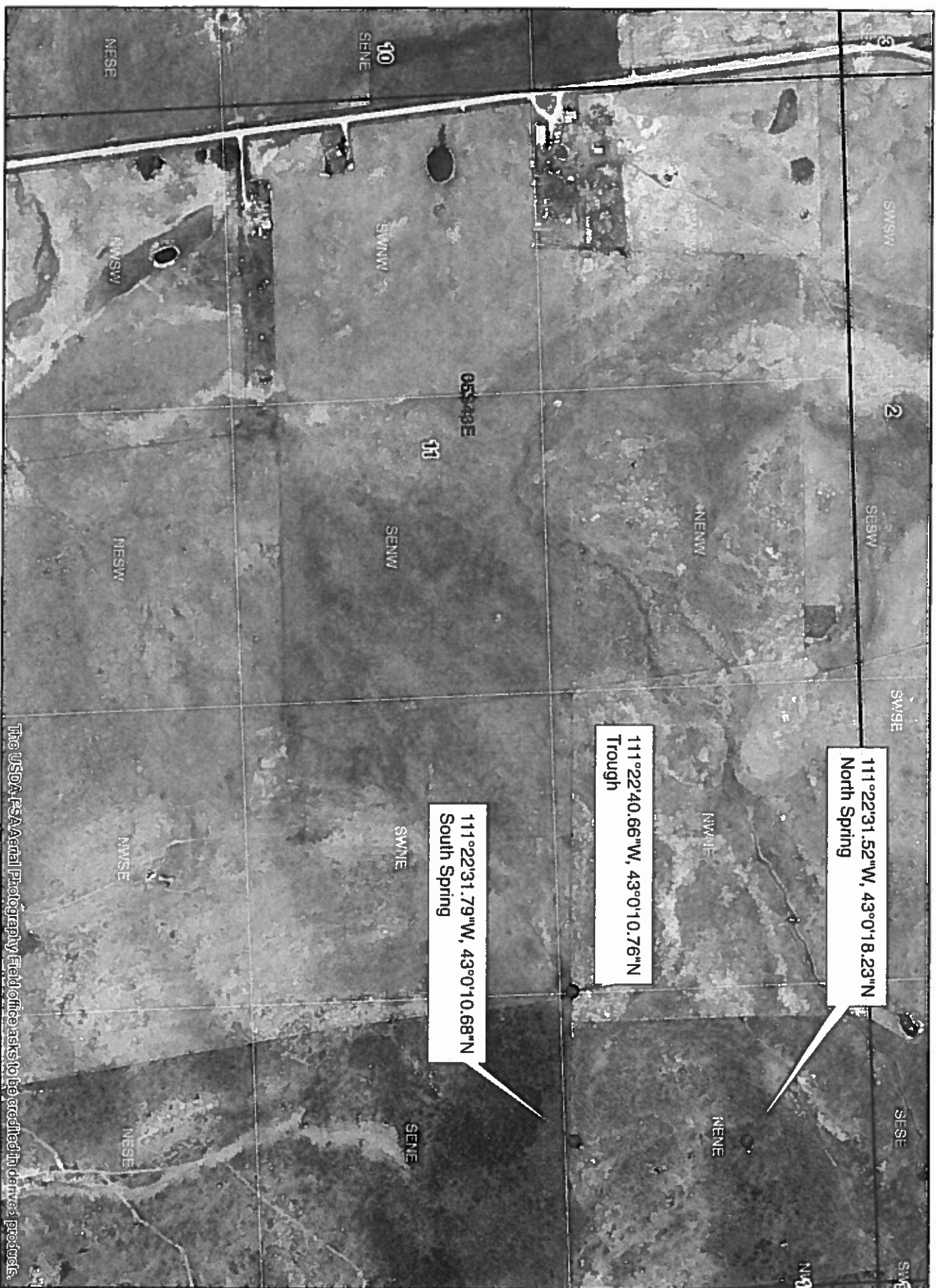
Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
stockwater	4/01	12/01	0.04 cfs	3.4 AF/A
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			0.04 cfs	3.4 AF/A

2. Recommended Amendments

☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATIONField Examiner's Name Steve Mueller Date 7-26-01Reviewer DAVE CARSON Date 2/27/2002

SEAL



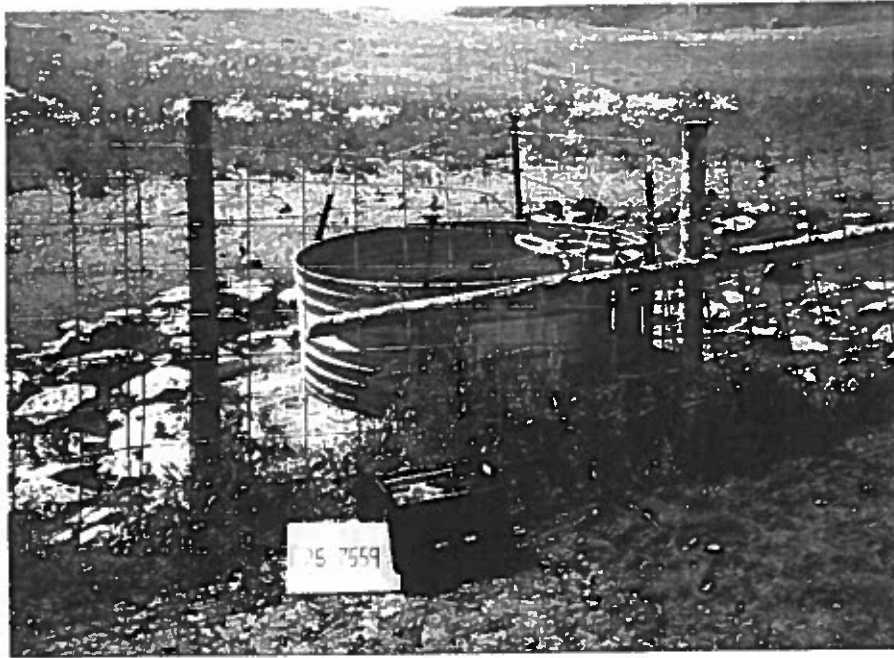


Pod North spring $111^{\circ}22'31.52''W$
 $43^{\circ}00'18.23''N$



Pod South spring $111^{\circ}22'31.79''W$
 $43^{\circ}00'10.68''N$

25-7559



POU

25-7559

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 25-07559

Proposed Priority: January 17, 1990 Maximum Diversion Rate: 0.04 CFS
This is to certify, that DAN MORGAN

JAMES E. CRAWFORD
WAYAN, ID 83285

has applied for a permit to appropriate water from:

SPRING

tributary of SINKS

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

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

STOCKWATER

04/01 to 12/01

0.04 CFS

LOCATION OF POINT(S) OF DIVERSION:

SESWSW

Sec. 1, Township 05S, Range 43E
CARIBOU County

PLACE OF USE: STOCKWATER

TWN RGE SEC

05S 43E 2

SESE

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before May 1, 1992.
2. Subject to all prior water rights.
3. Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
4. The right to the use of water acquired under this permit shall not give rise to any right or claim against the holder of a senior right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
5. The Director retains jurisdiction of the permit and any license subsequently issued to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
6. Stockwater use is for 250 head.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

23rd day of April, 1990.

MICROFILMED

MAY 16 1990

for *R. Keith Higginson*
R. Keith Higginson, Director

RECEIVED

APR 29 1992

OFFICE USE ONLY
Amt. of Fee \$ 5.00
Date 11-29-92
Receipt No. 2023965
Receipt by WLB

RECEIVED

APR 22 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 25-07559 Telephone No. 208 574-2166
2. Name(s) of Permit Holder(s): James E Crawford Don Morgan
3. Mailing Address: 3724 Jones Creek Rd Wayan Idaho 83285
4. Source of Water: Spring

If GROUNDWATER, Well Driller's Name: _____ Date Drilled: _____

OPTIONAL:

Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic _____ (No. of households) Stockwater 250 Cows (No. and type of stock)

Irrigation _____ (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted .04 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? _____ Yes X No Installed? _____ Yes _____ No

OR

Flow Measurement Port: Required? _____ Yes X No Installed? _____ Yes _____ No

8. Fee Enclosed: \$ _____ (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

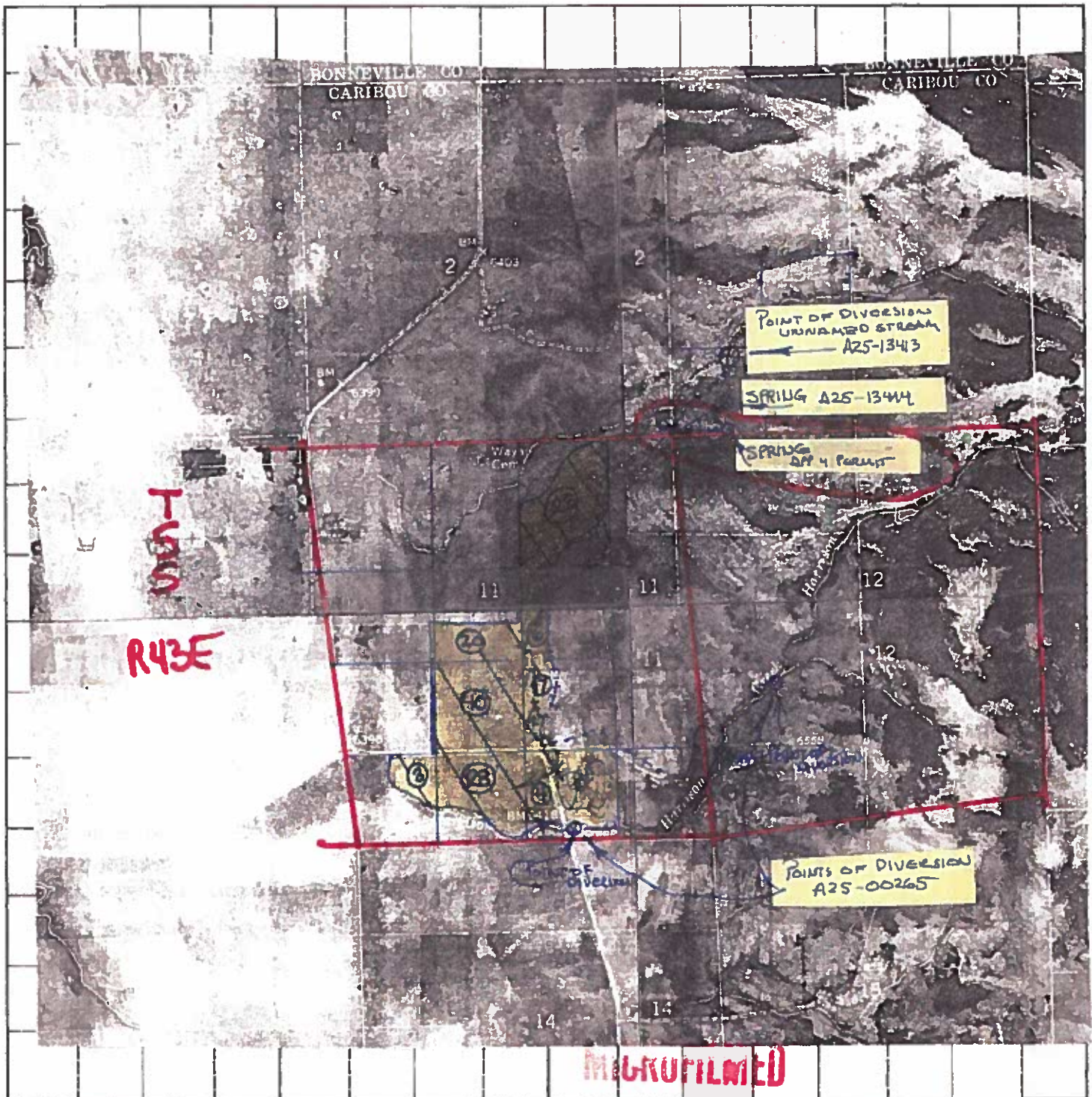
James E Crawford 208 574 2166
Name Telephone No.

3724 Jones Creek Rd Wayan Idaho 83285
Address

10. The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

4/17/92 James E Crawford MAY 15 1992
Date Signature (and title, if on behalf of a company or organization)

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



MICROFILMED

Scale: 2 inches equal 1 mile

MAY 16 1990

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

James E. Crawford
(Applicant)