

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A36-08104
Date Received: 7/20/1988
Receipt No: 5001016
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: JACK W. HYDER
Address: 246 S. 100 E.
JEROME, ID

83338

208-324-4016

AND/OR
Name: BETTY L. HYDER
Address: 246 S. 100 E.
JEROME, ID

83338

208-324-4016

2. Date of Priority: JUL 23, 1982

3. Source: WASTE WATER

Trib. to: NORTH SIDE CANAL CO. SYSTE

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08S	17E	32		SE	NW		JEROME

5. Description of diverting works:
CONCRETE COLLECTION BOX, DITCHES, PIPELINES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	1.600		

7. Total Quantity Appropriated is:
1.600 C.F.S. (and/or) 320.00 A.F.A.

8. Total consumptive use is 240.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08S	17E	31	SW	NE		IRR	3.0
			SE	NE		IRR	26.0
			Section Acres				
		32	SW	NW		IRR	32.0
			SE	NW		IRR	13.0
			NW	SW		IRR	6.0
					Section Acres		51.0
					Total Acres		80.0

11. Place of use in counties: JEROME

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
PERMIT 36-8105 (NOT DEVELOPED YET)

14. Remarks:
CLAIM IS BASED ON PROPOSED LICENSE (LICENSE NOT ISSUED YET).

15. Basis of Claim: PERMIT

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not x wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): Jack W. Hyder Date: 7/20/88

Date: _____

State of Idaho)
County of Burns Falls) SS.

Subscribed and sworn (or affirmed) before me this 20th day

of July 19 88

Mary A. Baldwin
Notary Public

Seal

Residing at Gooding, Idaho
My Commission Expires 10-16-1992

Log for claim 36-08104

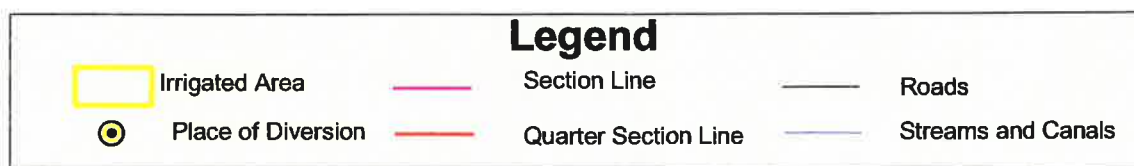
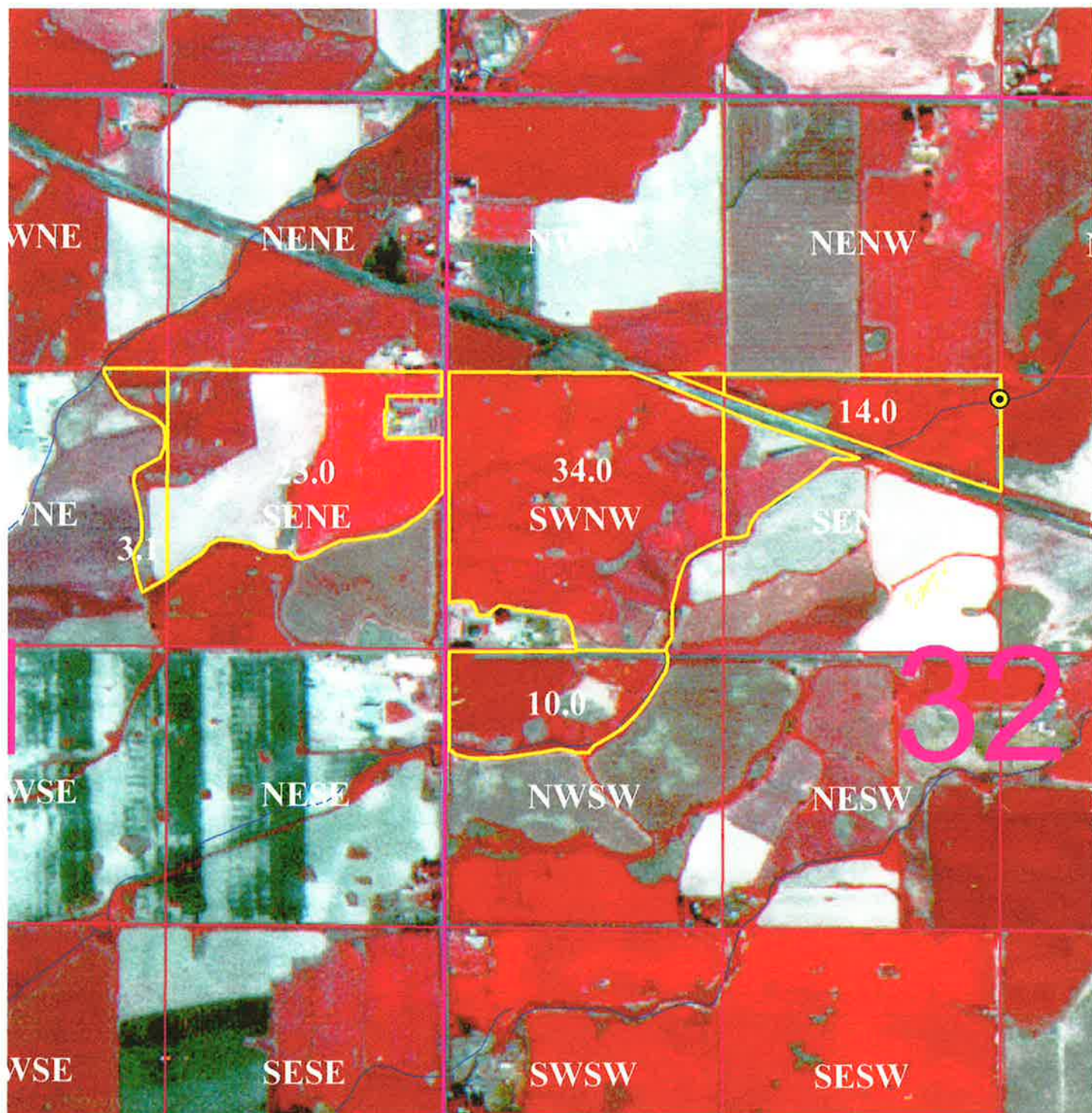
Spatial Dynamics LTD

9/7/01

TR	SEC	QQ	Acres Recommended	Acres Found	COMMENT
08s17e	31	SWNE	3	3.1	
08s17e	31	SENE	26	23	
08s17e	32	SWNW	32	34	
08s17e	32	SENE	13	14	
08s17e	32	NWSW	6	10	
Totals:			80	84.1	

Water Right Number 36-08104
Township , 8S17E

09/07/2001



R PROOF



CVR



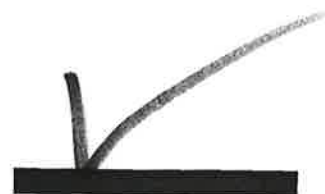
MAPS



PHOTOS



MISC



MISC FILMED

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Water Right Number - R36-08104 Prefix Translation: RESEARCH Old (D) Number -

+ - - - - Last Name - - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***

HYDER BETTY L 1 - 246 S 100 E
2 -
3 -
City- JEROME State- ID Zip- 83338
Phone - 208-324-4016

HYDER JACK W 1 - 246 S 100 E
2 -
3 -
City- JEROME State- ID Zip- 83338
Phone - 208-324-4016

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
07/23/1982 17 SOUTHERN L - LICENSE

+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
WASTE WATER

+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County
08S 17E 32 NE SE NW (53) JEROME

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 04/01 10/31 1.600 320.00

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
1.600 320.00 240.0

+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
08S 17E 31 SW NE 3.0 01 IRRIGATION (53) JEROME
08S 17E 31 SE NE 26.0 01 IRRIGATION (53) JEROME
08S 17E 32 SW NW 32.0 01 IRRIGATION (53) JEROME
08S 17E 32 SE NW 13.0 01 IRRIGATION (53) JEROME
08S 17E 32 NW SW 6.0 01 IRRIGATION (53) JEROME

Total Acres: 80.0

- + - - Diversion Means - CONCRETE COLLECTION BOX, DITCHES, PIPELINES
- + - - Non-Irrigation Use -
- + - - Other Rights for Same Use - PERMIT 36-8105 (NOT DEVELOPED YET)

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Water right number - R36-08104

Prefix Translation: RESEARCH

+ - - - - Remarks - - - - -
No Remarks found.

+ - - - - Old Water Right Numbers - - - - -
No Old Water Right Numbers Found

+ - - - - Conditions of Approval - - - - -
S17 - USE OF THIS RIGHT IS COMBINED WITH WATER FROM
- NORTH SIDE CANAL CO. LTD.
G01 - THIS RIGHT REMAINS SUBJECT TO THE RIGHT OF THE ORIGINAL
- APPROPRIATOR, IN GOOD FAITH AND IN COMPLIANCE WITH STATE LAWS
- GOVERNING CHANGES IN USE AND/OR EXPANSION OF WATER RIGHTS, TO
- CEASE WASTING WATER, TO CHANGE THE PLACE OR MANNER OF WASTING IT,
- OR TO RECAPTURE IT.

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - Decree Date - +
00/00/0000

+ - - - - Comments - - - - -
No Comments Found

+ - - Audit Fields - - +
08/04/92 MERRITT

+ - - - - Adjudication Rights Dates and Flags Area - - - - -

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 08/04/1992	Old Judicial District	-
Claim Received Date	- 07/20/1988	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S001016	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:00:15
09/08/90

PAGE: 13
QUICKLOOK INFORMATION

CLAIM NUMBER: A36-08104

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE				N		R.V.W 4/2/92	R.V.W 4/2/92	R.V.W 4/2/92
POINT OF DIV	Y			Y				
SOURCE	Y			N				
CE OF USE	Y			N				
DIV. AROUND CES/VOLUME				Y	6			
CONSUMPTIVE USE				N				
PURPOSES				N				
PERIOD OF USE				N				
BASIS OF CLAIM				N Y	6			
REMARKS	Y			Y				
				Y				

VERIFIED BY CODES

TOPO MAP/ORTHO-PHOTO = 1
ASCS MAP = 2
WATERMASTER RECORDS = 3
NAIP PHOTOS = 4
FIELD EXAM = 5
OTHER (SEE REMARKS) = 6

THESE CODES ARE USED TO INDICATE HOW THE FIELD EXAMINER VERIFIED THE INFORMATION
USED FOR THIS FIELD EXAMINATION. INDICATED ARE ALL CODES WHICH APPLY.

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:00:15
09/08/90

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A36-08104

LAST: HYDER
ADDRESS: 246 S. 100 E.
CITY: JEROME
PHONE NUMBER: 208-324-4016

FIRST: JACK W.
STATE: ID ZIP: 83338

OWNER CODE: C

LAST: HYDER
ADDRESS: 246 S. 100 E.
CITY: JEROME
PHONE NUMBER: 208-324-4016

FIRST: BETTY L.
STATE: ID ZIP: 83338

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE
Y

FIELD
EXAMINER

CLAIM REMARKS: CLAIM IS BASED ON PROPOSED LICENSE (LICENSE NOT ISSUED YET).

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CONTACT PERSON: _____

PHONE NUMBER: (____) ____-____

DATE OF FIELD EXAM: ____/____/____

APPOINTMENT MADE: Y(____) N(____)

TIME: ____:____ A(____) P(____)

ACCOMPANIED BY: _____

PHONE NUMBER: (____) ____-____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

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A. AJ CLAIM: # A36-08104 PRIORITY DATE: 07-23-1982
B. WR RECORD: # 36-08104 PRIORITY DATE: 07-23-1982

STAGE: ~~P~~ L
STAGE: L

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE
N

FIELD
EXAMINER
N

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y(__) N(__)
IF YES EXPLAIN.

REMARKS:

see on file

RECOMMENDED PRIORITY DATE:
07-23-1982

REVIEWED BY

lw

DATE

11/28/30

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-08104	08S	17E	32		SE	NW		JEROME

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
NONE NONE

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: WASTE WATER

TRIB: NORTH SIDE CANAL CO. SYSTEM

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-08104	08S	17E	32		SE	NW		JEROME

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX
NONE NONE

SOURCE: WASTE WATER

TRIB: NORTHSIDE CANAL

C. FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY? (Y/N)
DUE TO SOURCE DISCREPANCY? (Y/N)

DATABASE
Y
Y

FIELD
EXAMINER



REMARKS:

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RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	COUNTY
82	17E	32	N2	2E	NW		53

SOURCE:

REVIEWED BY:

TRIB:

DATE:

WW
LW

Northside Canal
11/28/90

A. ROOT WATER RIGHT NUMBERS: A36-08104

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RETURN ACRES
08S	17E	31	SW	NE		HYDER, JACK W. LARGE CLAIM WESTERN FARM SERVICE INC.	A36-08104 7 3.0 A01-00212Z3/14.0 A36-07623 / 7.0	36-08104 7 3.0 - / 36-07623 / 7.0	41.0		3
08S	17E	31	SE	NE		HYDER, JACK W. FRANKLIN, HARRY A LARGE CLAIM	A36-08104 726.0 A36-14131 / A01-00212Z3/40.0	36-08104 726.0 - / -	38.0		26
08S	17E	32	SW	NW		HYDER, JACK W. HYDER, JACK W. LARGE CLAIM	A36-08104 732.0 A36-10241 / A01-00212Z3/40.0	36-08104 732.0 - / -	39.0		32
08S	17E	32	SE	NW		HYDER, JACK W. LARGE CLAIM HYDER, JACK W.	A36-08104 713.0 A01-00212Z3/40.0	36-08104 713.0 - / 36-08105 /12.0	40.0		13
08S	17E	32	NW	SW		HYDER, JACK W. HYDER, JACK W. LARGE CLAIM	A36-08104 7 6.0 A36-10242 / A01-00212Z3/40.0	36-08104 7 6.0 - / -	40.0		6
TOTAL ACRES						A36-08104	80.00	80.00	198.00		80

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y() N()
IF YES SEE ATTACHED SHEET:

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE

FIELD
EXAMINER

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PRESUMPTION FLAG:

REMARKS:

field exam made 6/12/1986

RECOMMENDATIONS:

TOTAL ACRES:

80

REVIEWED BY:

W

DATE:

11/28/90

A. AJ CLAIMED USES:

A36-08104 PURPOSES
IRRIGATION

MONTH/DAY
FROM ~~03-15~~ TO ~~11-15~~
4/1 10/31
TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
1.600 CFS
1.600 CFS 320.00 AF/A

B. WR RECORDED USES:

36-08104 PURPOSES
IRRIGATION

MONTH/DAY
FROM 03-15 TO 11-15
TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
1.600 CFS 320.00 AF/A
1.600 CFS 320.00 AF/A

C. ASSUMPTION FLAG:

C. FIELD EXAM REQUIRED?

DUE TO WATER-USE DISCREPANCY? (Y/N)
DUE TO DIVERSION RATE DISCREPANCY? (Y/N)
DUE TO PERIOD FROM/TO DISCREPANCY? (Y/N)

DATABASE FIELD
EXAMINER
N
N
N

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

~~Y~~ N()

RECOMMEND TO WR STANDARDS OR OTHER?

Y(☒) N() Explain in remarks, below.

REMARKS:

New adj. recommended standard period of use.

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 1.600 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 1.600 CFS

*** IF NO or IF STATUTORY CLAIM or BENEFICIAL USE then flow measurement required. ***
** If an amount smaller than the original diversion rate is **
** claimed and an exam is NOT required, explain in remarks. **

FLOW MEASUREMENT REQUIRED?

DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N)

FIELD
DATABASE EXAMINER
Y ☒

FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

C. ARE OTHER WATER RIGHTS USED? Y(Y) N(☐) IF YES COMPLETE OVERLAP REVIEW.

OTHER RIGHTS LISTED IN CLAIM: PERMIT 36-8105 (NOT DEVELOPED YET)

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A36-08104	WASTE WATER	HYDER, JACK W.	1.600	0.020	320.00	4.00
A01-00212Z3	LARGE CLAIM	LARGE CLAIM	9999999.000	303.196		

LIST ALL RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION.

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A36-14131	DOMESTIC	FRANKLIN, HARRY A	FROM 01-01 TO 12-31	.040 CFS	
A36-10241	STOCKWATER	HYDER, JACK W.	FROM 01-01 TO 12-31	.020 CFS	
A36-10241	DOMESTIC	HYDER, JACK W.	FROM 01-01 TO 12-31	.020 CFS	
A36-10242	STOCKWATER	HYDER, JACK W.	FROM 01-01 TO 12-31	.020 CFS	
A36-10242	DOMESTIC	HYDER, JACK W.	FROM 01-01 TO 12-31	.020 CFS	

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 80 x 0.02 CFS/ACRE = 1.6 CFS
(Taken from p/u review)

1b. CALCULATIONS

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? Y() N()

*** IF YES ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y() N() ***

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 240.0 AF/A

ACRES 80 x CONSUMPTIVE VOL. AF/A FOR AREA 3 =

TOTAL CONSUMPTIVE USE 240 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = 320.00 AF/A

ACRES 80 x DIVERSION VOL. AF/A FOR AREA 4 =

TOTAL DIVERSION VOLUME 320 AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

REMARKS: (Include limitations on CONSUMPTIVE USE for combined rights.)

*limited to 1"/acre and 4 AFA/acre when
used with CW*

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RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AE/A	REC. CONS. USE
		DATABASE EXAMINER	DATABASE EXAMINER	DATABASE EXAMINER
IRRIGATION	~~03-15~~ ~~11-15~~	1.600		240.0
TOTAL FOR THIS RIGHT	4/1 10/31	1.600 1.6	320.00 320	240.0 240

REVIEWED BY:

DATE:

11/28/90

4/2/92

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A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED	NEEDS REVIEW
()	()
<u>N/A</u>	()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 36-08104

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
1.600

EXAMINER
N/A

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A36-08104	1.600	-		36-08104	1.600
TOTAL CFS		1.600				1.600

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
IF NO, is the written review sheet attached? (Y/N)

DATABASE
Y

FIELD
EXAMINER
N/A

REMARKS:

AUTHENTICATION:

SIGNATURE: W

DATE: 11/28/90

NAME OF FIELD EXAMINER: _____ TITLE: _____

R.V. 4/2/92

BB 22 + 23
(1976)
MAPA 416-94 - BB 23 NW
6-9
87

R17E

436-08104

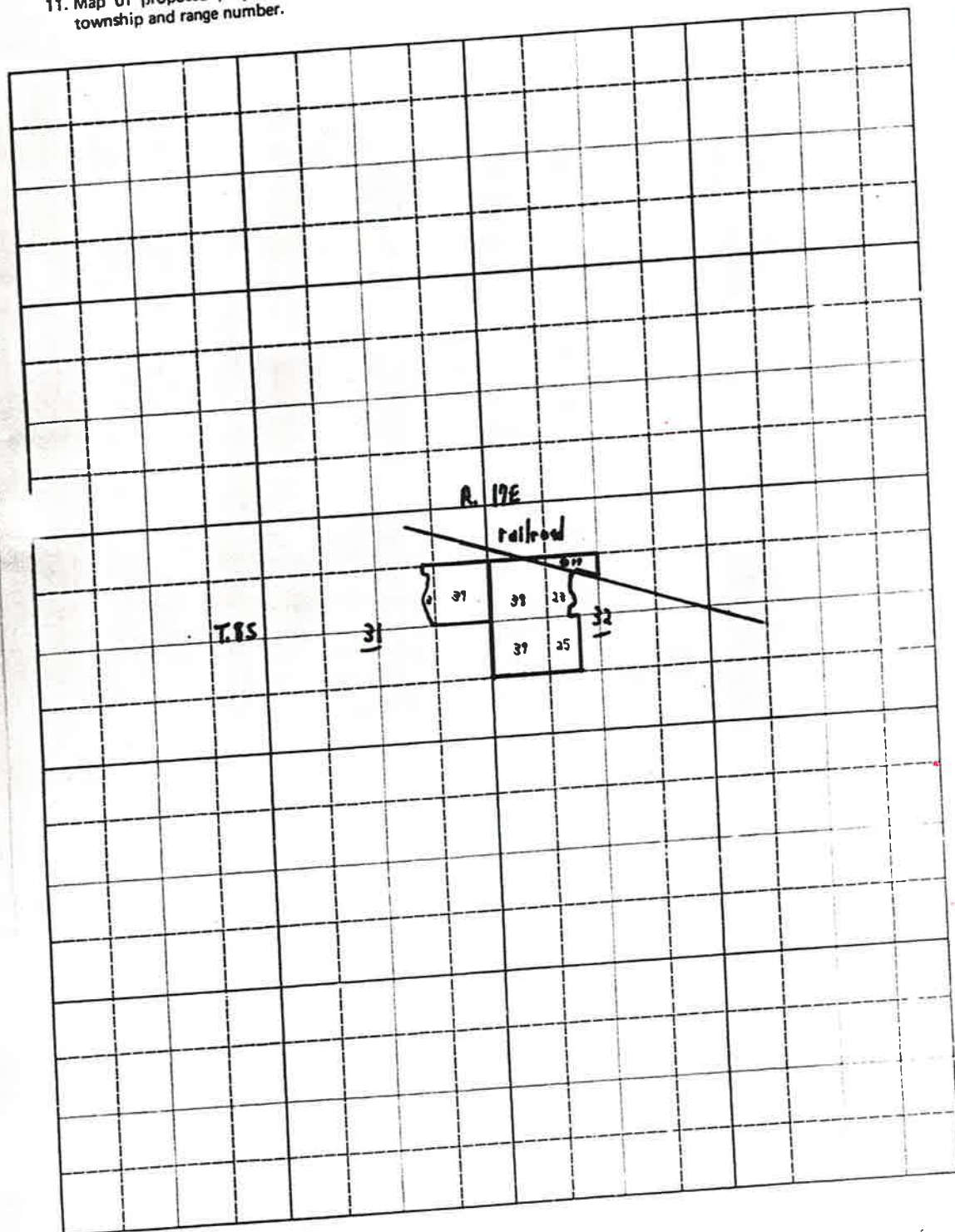
17/11

587

σ/d

STATE OF
NEW YORK

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



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Application for permit to appropriate the public waters of

Form 219
6/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
SEP 26 1988

Department of Water Resources

A. GENERAL INFORMATION

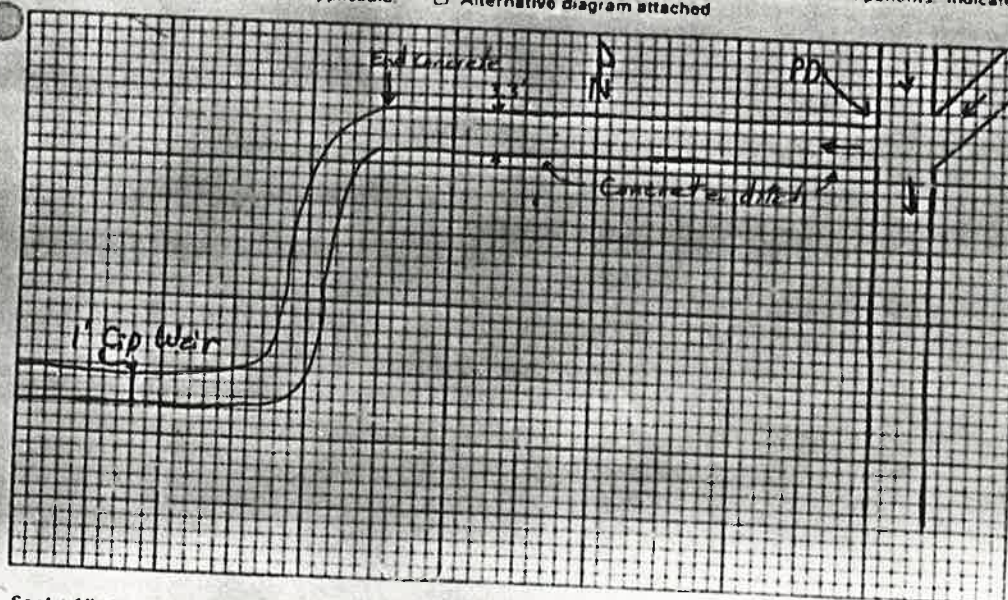
1. Owner: Jack Hyder Permit No. 36-8104
Current Address: N.E. 2465 Route 6 Jerome ID 83338 Phone No. 324-4016
2. Accompanied by: Virgil Andrews EXAM. DATE: 6-12-86
Address: 175 E 1005 Jerome ID 83338 Phone No. 324-5690
Relationship to Permit Holder: Rents Farm
3. Source: Wastewater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: Northside Canal Company shares
2. Other water rights with same point of diversion: _____ ☐ Copies Attached
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____

2. ☒ Copy of U.S.G.S. 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 or more)
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater)

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FIGURE A, cont.

Water flows from 2 sources to point at diversion where it can be separated into 2 flow directions in open ditch. South flow curves around field along railroad tracks to a riser. Water is then underground in a pipe system with Tee-valves located to irrigate fields by gravity feed. West flow runs along North fence line in concrete ditch and the curves toward railroad tracks in a dirt ditch. Water runs under tracks and is open discharge.

☐ See Remarks on page 4 for continuation

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 serial photo.

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

[illegible]

6. Place(s) of Use:

Indicate Method of Determination Same as above

[illegible]

Do not use this space

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FIGURE A, cont.

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

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

2. Measurements:

Measurement of a 1' Cip Weir with a depth of 0.66' gave a discharge of 1.87 cfs from tables.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method

From Tables of 1' Cip Weir with depth of 0.66'

$Q = 1.87 \text{ cfs}$ (Allow 1.6 cfs)

2. Alternate Method for Checking Purposes:

Trapezoidal concrete ditch

3.0' across top
1.0' across bottom
1.1' depth

$A = 2.2 \text{ ft}^2 = \left(\frac{1+1}{2}\right) \times 1.1$ $V = \left(\frac{10}{5.5 \text{ sec}}\right) \times (0.7) = 1.27 \text{ ft/sec}$

$Q = VA = 2.80 \text{ cfs}$
(Allow 1.6 cfs)

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi $\times 2.31 =$ _____ ft (1)

Total Head: (1) + (2) = _____ (3)

Dynamic pumping level _____ ft (2)

Flow rate _____ cfs (1)

Water HP: (3) $\times$ (4) $\div 8.8 =$ _____ (5)

Meter Input KW: 3.6 $\times$ _____ KH $\times$ _____ CTR or _____ MULT $\times$ _____ PTR $\times$ _____ N/ _____ T = _____ (6)

Meter Input HP: (6) $\times 1.34 =$ _____ (7)

Panel Input KW: _____ Ave PF $\times$ _____ Ave Volts $\times$ _____ Ave Amps $\times 0.01732 =$ _____ (6)

Panel Input HP: (6) $\times 1.34 =$ _____ (7)

Efficiency (5)/(7) $\times 100 =$ _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{ia} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 80 \times 4.0 = 320 \text{ afa}$

$V_{oa} = (\text{Diversion Rate (cfs)}) \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.6 \times 215 \times 1.9835 = 682.3 \text{ afa}$

$V = \text{Smaller of } V_{ia} \text{ and } V_{oa} = 320 \text{ cfa}$

2. Volume Calculations for Other Uses

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H. REMARKS AND OVERVIEW REVIEW ANALYSIS

FIGURE A, cont.

Water was mainly diverted to the weir for measurement, but some water was leaking under dam and flowing over ditch bank. Also, more water can come through diversion from either of the 2 courses. The approach velocity at the weir was high, no pond 10' slow water, and the weir was partially submerged. For alternate method, a stick was timed in 10' to determine velocity. Weir under 70% submergence, only about 20%.

Water was diverted through ditch with weir for measurement of flow.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	Apr 1	Nov 1	1.6 cfs	320 afa
Totals:				

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

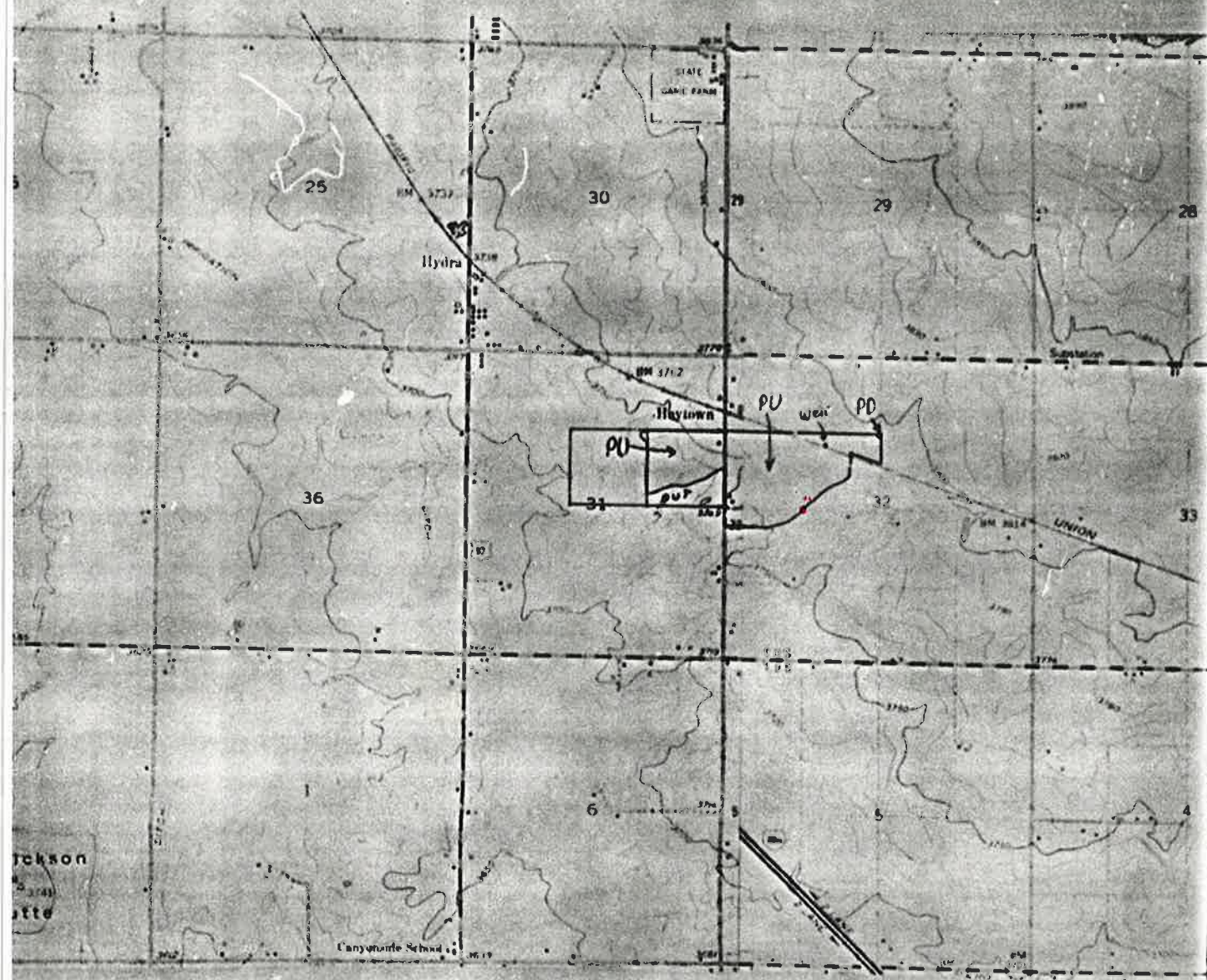
J. AUTHENTICATION

Field Examiner's Name: Allen Merrill & Michael McCurdy
 Signature: Allen Merrill & Michael McCurdy
 Certification Date: _____
 Field Report Preparation Date: 6-12-86

CONSULTANT SEAL

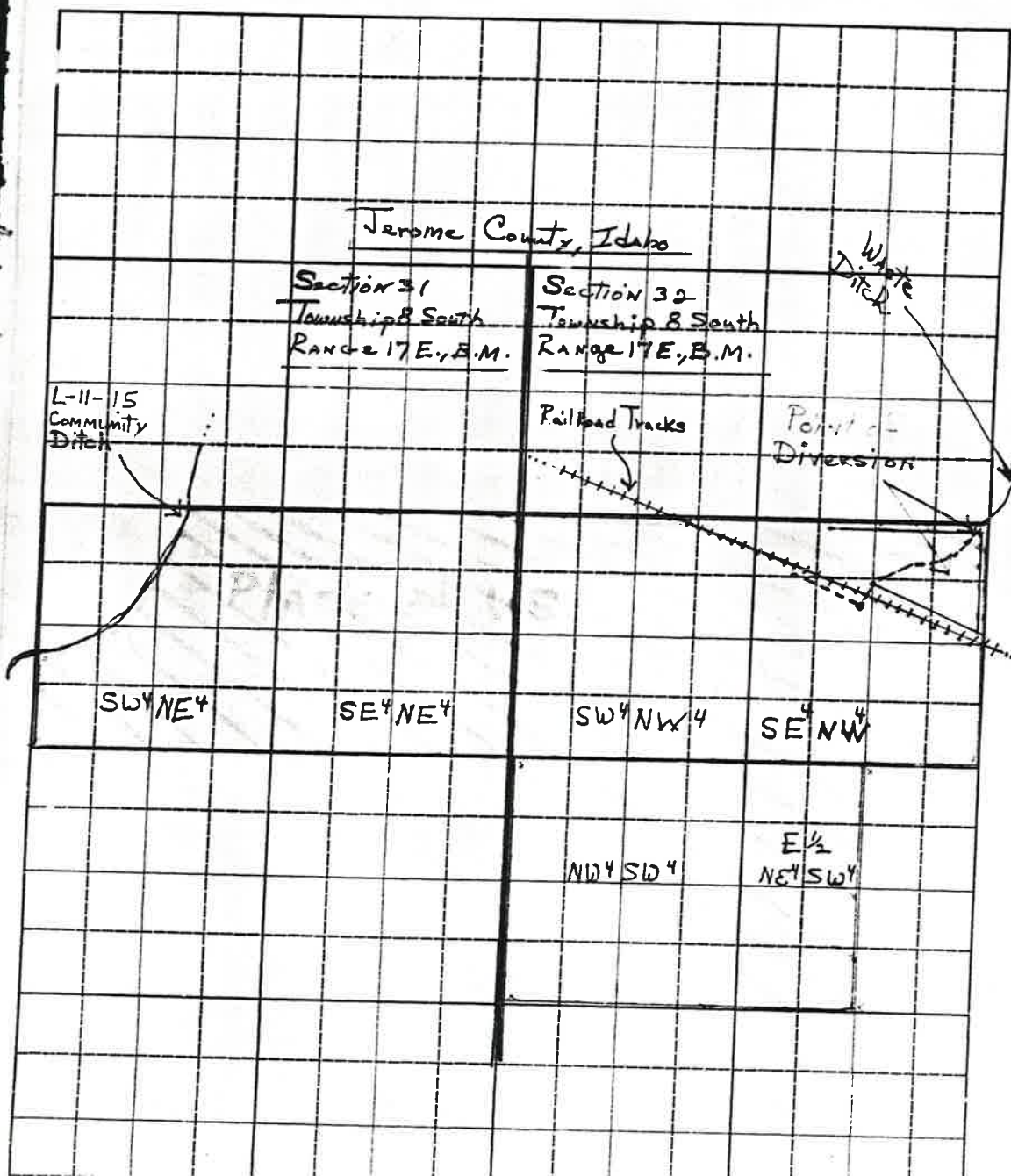
K. Licensing recommendation shall be prepared by an Idaho Department of Water Resource employee on a computer printout attached hereto.

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



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