

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: A25-07242
Date Received: 6/13/1989
Receipt No: 2009065
Received By: EDV

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: J, & K. ESTATES WATER CO., INC. 208-523-0326
Address: C/O LEWIS BIRD, PRES.
P.O. BOX 50171
IDAHO FALLS, ID 83405

2. Date of Priority: FEB 19, 1981

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
03N	38E	29	NE	SE	SW		BONNEVILLE
			NW	SW	SE		BONNEVILLE

5. Description of diverting works:
SEE REMARKS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.400		
DOMESTIC	01/01	12/31	0.230		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
D/26 FAMILIES.

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NOV 10 1992

A2507242

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
03N	38E	29	SE	SW		IRR	10.0
			SE	SW		DOMEST	
			SW	SE		IRR	10.0
			SW	SE		DOMEST	
			Section Acres				20.0
			Total Acres				20.0

11. Place of use in counties: BONNEVILLE

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

13. Other Water Rights Used:

LICENSE 25-7036, IRRIGATION SHARES IN PROGRSSIVE IRR.

14. Remarks:

ITEM 5- THERE 3 WELLS WHICH SERVE THE SUBDIVISION. TWO WELLS IN THE SW1/4 SE1/4 SEC. 29 ARE WITHING THE SAME WELL HOUSE. WELL NO. 2 30HP SUBMERSIBLE W/ 245' PUMP DEPTH, WELL NO. 3 HAS A 40HP SUBMERSIBLE PUMP IN A 285' PUMP DEPTH X 8" WELL. WELL IN SE1/4 SW 1/4 HAS A 15HP SUBMERSIBLE PUMP IN 186 X 8" WELL WELLS PUMP INTO 6000 GALLON STORAGE TANKS TO COMMON MAINLINE DELIVERY SYSTEM TO 100 HOMES. LAWN IRRIGATION.

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 ☒ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 3

For Organizations:

I do solemnly swear or affirm that I am President of
Title
J & K Estates Water Co. Inc. that I have signed the foregoing
Organization
document in the space below as President of
Title

J & K Estates Water Co. Inc. and that the statements contained in the
Organization
foregoing document are true and correct.

Lewis M. Burd
Signature of Authorized Agent

President J & K Estates Water Co. Inc.
Title and Organization

13 June 1989
Date

State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 13 day
of June 19 89

[Signature]
Notary Public

Seal

Residing at Idaho Falls, ID

My Commission Expires 22 Aug 1994

T3N
R38E

POINT OF DIVERSION
WELL #1

POINT OF DIVERSION
WELLS 2 1/2, 3

N1

KATHLEEN STREET											
6865 ●	6866 ●	6863 ●	6862 ●	6865 ●	6864 ●	6867 ●	6866 ●				
6827 ●	6828 ●	6831 ●	6830 ●	6837 ●	6836 ●	6839 ●	6838 ●				
6799 ●	6796 ●	6799 ●	6798 ●	6809 ●	6808 ●	6811 ●	6810 ●				
6767 ●	6764 ●	6769 ●	6768 ●	6781 ●	6780 ●	6783 ●	6782 ●				
6733 ●	6732 ●	6739 ●	6738 ●	6753 ●	6752 ●	6755 ●	6754 ●				
6705 ●	6700 ●	6709 ●	6708 ●	6725 ●	6724 ●	6727 ●	6726 ●				
6677 ●	6672 ●	6677 ●	6676 ●	6697 ●	6696 ●	6699 ●	6698 ●				
6649 ●	6640 ●	6647 ●	6646 ●	6669 ●	6668 ●	6671 ●	6670 ●				
6621 ●	6610 ●	6617 ●	6616 ●	6639 ●	6638 ●	6641 ●	6642 ●				
6593 ●	6582 ●	6587 ●	6586 ●	6613 ●	6612 ●	6615 ●	6614 ●				
6555 ●	6550 ●	6557 ●	6556 ●	6585 ●	6584 ●	6587 ●	6586 ●				
T-757 6525 ●	6520 ●	6527 ●	6526 ●	6557 ●	6556 ●	6559 ●	6558 ●				
				6529 ●	6528 ●	6531 ●	6530 ●				

SE 1/4 of SW 1/4 of SW 1/4
(SW 1/6 acre)

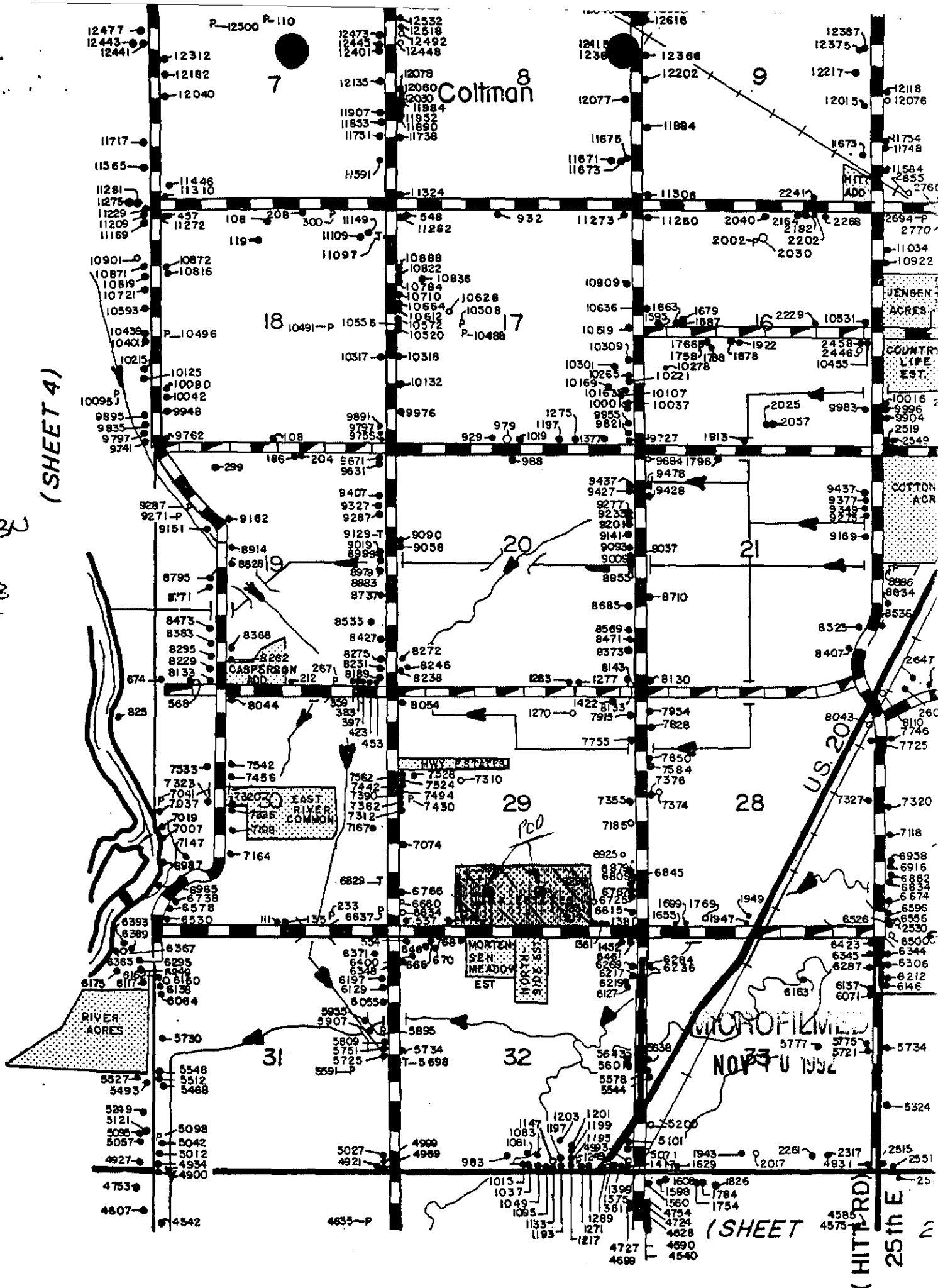
T3N R38E Sec. 29 J&K ESTATES

NOV 10 1992

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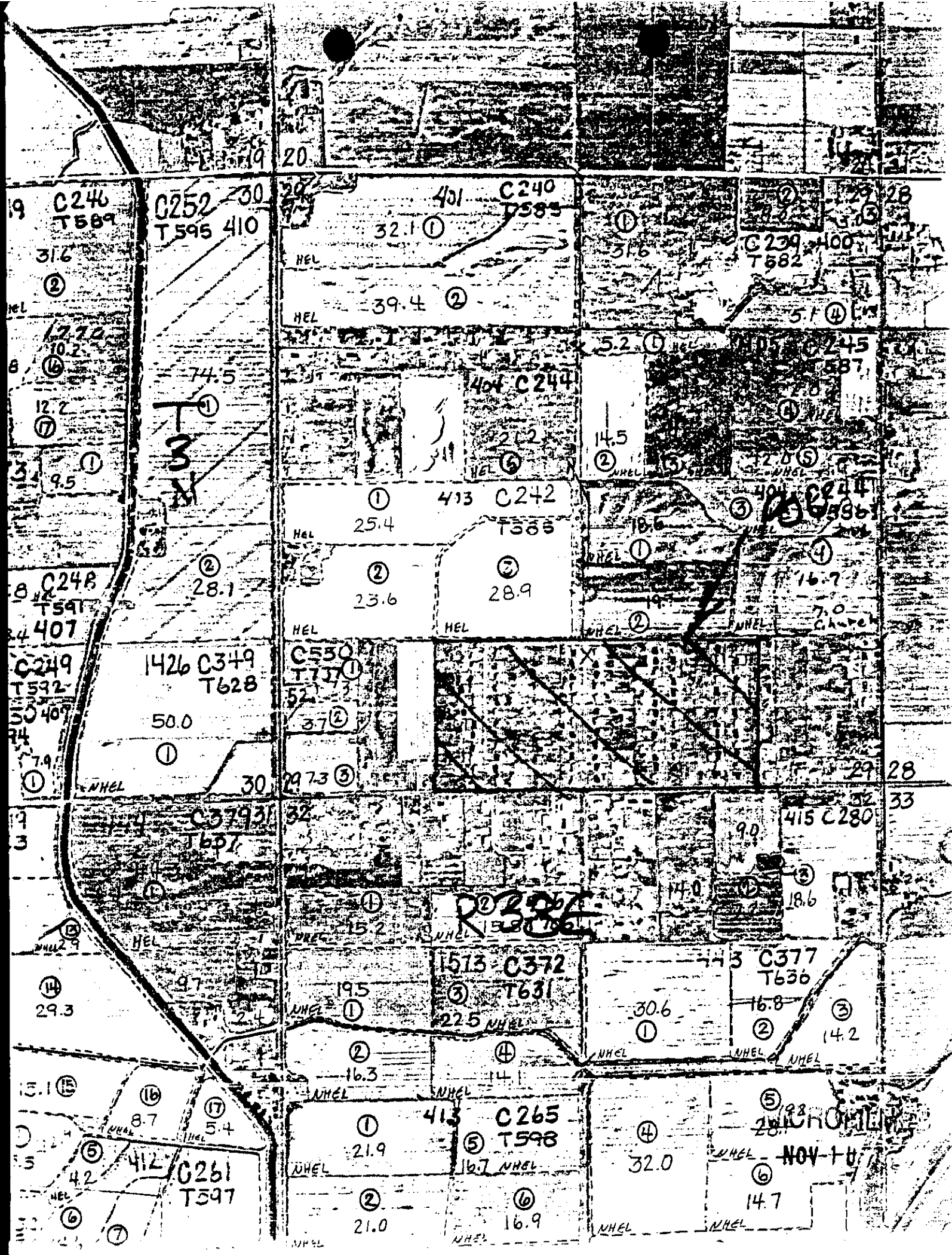
(SHEET 4)

T 30
R 38
E



(SHEET

(HIT RD)
25th E



Log for claim 25-07242

Spatial Dynamics CAT

12/6/00

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
03n38e	29	SESW	10	40	POD placement? / Indiscernible
03n38e	29	SWSE	10	40	POD placement? / Indiscernible
Totals:			20	80	

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	J & K ESTATES WATER CO INC	02/19/1981	IRRIGATION	04-01 11-01	0.400 CFS	
	C/O LEWIS BIRD PRES		DOMESTIC	01-01 12-31	0.230 CFS	
	PO BOX 50171					
	IDAHO FALLS ID 83405					
	(208) 523-0326					
TOTAL DIVERSION:					0.630 CFS	

Water Source: GROUNDWATER

Tributary to:

Stage: PERMIT

Point(s) of Diversion:

T03N R38E S29

NESESW

NWSWSE

BONNEVILLE County

Place of use Legal Description for: IRRIGATION

NE				NW				SW				SE				
NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	SUM
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: SUM
03N	38E	29	:	:	:	:	:	:	:	:	:	:	:	:	:	:
															10	
															10	
															20.0	
															TOTAL ACRES	
															20.0	

Place of use Legal Description for: DOMESTIC

NE				NW				SW				SE				
NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	SUM
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: SUM
03N	38E	29	:	:	:	:	:	:	:	:	:	:	:	:	:	:
															D	
															D	
															D	

POU County: BONNEVILLE

Non-Irrigation Uses: D/26 FAMILIES.

Other Rights: LICENSE 25-7036, IRRIGATION SHARES IN PROGRSSIVE IRR.

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):
A25-07036Other Water Rights Listing Overlapping Place(s) of Use:
A25-1338820

Conditions of Approval:

- 004 - The issuance of this right does not grant any right-of-way
- or easement across the land of another.

Remarks: GEN ITEM 5- THERE 3 WELLS WHICH SERVE THE SUBDIVISION. TWO WELLS IN THE SW1/4 SE1/4 SEC. 29 ARE WITHING THE SAME WELL HOUSE. WELL NO. 2 30HP SUBMERSIBLE W/ 245' PUMP DEPTH, WELL NO. 3 HAS A 40HP SUBMERSIBLE PUMP IN A 285' PUMP DEPTH X 8" WELL. WELL IN SE1/4 SW 1/4 HAS A 15HP SUBMERSIBLE PUMP IN 186 X 8" WELL WELLS PUMP INTO 6000 GALLON STORAGE TANKS TO COMMON MAINLINE DELIVERY SYSTEM TO 100 HOMES. LAWN IRRIGATION.

AJ5809NP
No. A25-07242

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 10/24/00
PAGE: 140

=====

Dates:	Exam Made Date:	Verified Date:	Objection Filed Date:
Misc:	Water District Number:	Field Inspection Flag: Y	Presumption Flag:
Audit:	06/13/89 VERNER	03/29/95 POST-STD	

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. [REDACTED]

Priority: February 19, 1981

Maximum Diversion Rate:
Maximum Diversion Volume:¹

0.63 CFS
101.2 AF

This is to certify, that J & K ESTATES WATER CORP.

P.O. BOX 171

IDAHO FALLS, ID 83401

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 19, 1981; and has submitted Proof of Beneficial Use on May 4, 1981. An examination indicates that the works have a diversion capacity of 2.780 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 11/01	0.40 CFS	70.0 AF
DOMESTIC	01/01 to 12/31	0.23 CFS	31.2 AF
	Totals	0.63 CFS	101.2 AF

LOCATION OF POINT(S) OF DIVERSION:

SESW , Sec. 29, Township 03N, Range 38E
SWSE , Sec. 29, Township 03N, Range 38E
BONNEVILLE County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
03N 38E 29	SESW 8	SWSE 10	SESE 2	20
Total number of acres irrigated:				20

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

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DEC 07 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

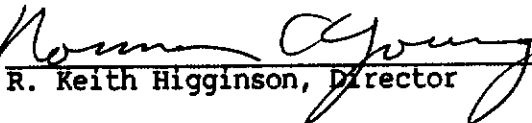
WATER RIGHT NO. 25-07242

CONDITIONS/REMARKS:

5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.
6. 2 points of diversion located in SWSE, S29, T3N, R38E.
7. Domestic use is for 26 homes.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 27TH day of NOVEMBER, 1990.

Acting for


R. Keith Higginson, Director

MICROFILMED

DEC 07 1990

State of Idaho
Department of Water Resources

RECEIVED
NOV 16 1990
APPROVED
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 25-07242

Date of Priority: February 19, 1981

Maximum Diversion Rate:

0.63 CFS

Maximum Diversion Volume:

101.2 AF

Comes now

J & K ESTATES WATER CORP.

P.O. BOX 171

IDAHO FALLS, ID 83401

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 25-07242, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 11/01	0.40 CFS	70.0 AF
DOMESTIC	01/01 to 12/31	0.23 CFS	31.2 AF
	Totals	0.63 CFS	101.2 AF

LOCATION OF POINT(S) OF DIVERSION:

SESW , Sec. 29, Township 03N, Range 38E
SWSE , Sec. 29, Township 03N, Range 38E
BONNEVILLE County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
03N 38E 29	SESW 8	SWSE 10	SESE 2	20
	Total number of acres irrigated:			20

PLACE OF USE: DOMESTIC, same as IRRIGATION use

J & K Estates Water Corp.

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at Idaho Falls, Id this 13 day of November, 1990.

Lewis M. Bird
(Signature)

President J & K

MICROFILMED

DEC 07 1990

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 25-07242

FOR DEPARTMENT USE ONLY

Preliminary check by SC Fee \$20.00 Received by C Wong Date 11-16-90 #C018884

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 25-07242 with the following;

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.
6. 2 points of diversion located in SWSE, S29, T3N, R38E.
7. Domestic use is for 26 homes.

Witness my hand this 27TH day of NOVEMBER, 19 90.

Acting for

R. Keith Higginson, Director

MICROFILMED

DEC 07 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant J. & K. Estates Water Corp Phone 523-0326

Post office address P.O. Box 171, Idaho Falls, Idaho 83401

2. Source of water supply Groundwater which is a tributary of _____

3. Location of point of diversion is SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 29 Township 3N

Range 38E B.M. Bonneville County, additional points of diversion if any: _____

SWSE Sec. 29, T. 3N, R. 38E

4. Water will be used for the following purposes:

Amount 0.23 for Domestic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.40 for Irrigation purposes from Apr. 1 to Nov. 1 (both dates inclusive)
(cfs or acre-feet per annum)

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

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

5. Total quantity to be appropriated:

a. 0.63 cfs cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Two wells with pumps and delivery system
to 100 homes.

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 12" & 8" inches; proposed depth of well is 200 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 5 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation: See 8B

(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____

Range _____ B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be

supplied with domestic water 26.

If water is to be used for other purposes describe: _____

—

[illegible]

Total number of acres to be irrigated	20
--	-----------

c. Describe any other water rights used for the same purposes as described above.

License 25-7036 covers 74 of the 100 homes built in J&K Estates

9. a. Who owns the property at the point of diversion Applicant

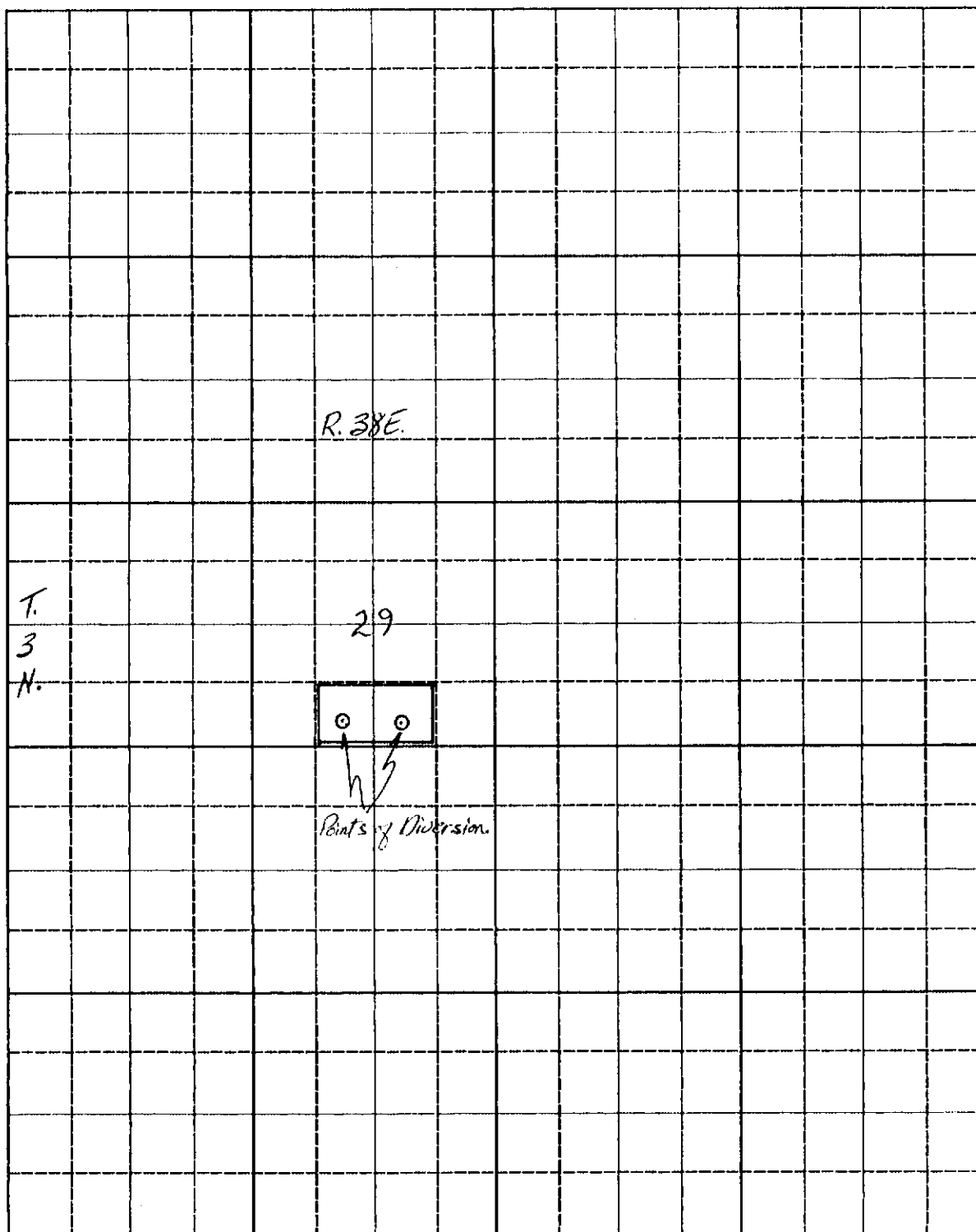
b. Who owns the land to be irrigated or place of use Home owner within the Estate

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing J&K Estates Water Corporation is responsible for supplying
water to the 100 homes

10. Remarks This application in conjunction with L. 25-7036 will cover all existing homes in the Estates. This is recognized as a general domestic application.

SECRET

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



Scale: 2 inches equal 1 mile.

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.

MICROFILMED

David C. Nylander
(Applicant)

Vice President J.H. Water Corp.

Proposed Priority

2/19/81

Reviewed by EMC 1-21-1981.

Received by kw Date 2/19/81 Time 10:15

Preliminary check by _____ Fee \$ 45.00

Received by kw Date 2/24/81 # 17056

Publication prepared by kw Date 2/26/81

Published in The Post Register

Publication dates 3/5 & 3/12/81

Publication approved kw Date 3/24/81

Protests filed by: None

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by EMC RA

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 25-7242, and said application is hereby approved.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 19 86.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other:

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

Witness my hand this 3rd day of April, 1981.

J. Glen Sayton
Chief, Operations Bureau

RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 13 1990
25-7242
Department of Water Resources
523-0326

A. GENERAL INFORMATION

1. Owner: J+K Estates Water Corp. Permit No. 25-7242
Current Address: P.O. Box 171 Idaho Falls Id. 83401 Phone No. 523-0326
2. Accompanied by: Lewis Bird EXAM. DATE: 6-21-89
Address: 6593 N. Jennifer Ln. Idaho Falls Phone No. 523-0326
Relationship to Permit Holder: President of Water Corp.
3. Source: Ground water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 25-7036 (covers 74 of 100 homes in J+K estates)

☐ Copies Attached
2. Other water rights with same point of diversion: 25-7036

☐ 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

see attached photo - copy

P/O #1 Located in Lot 6 Block 2 J+K Estates Subdivision #1

P/O #2/3 Located Lot 6A Block 3 J+K Estates Subdivision #2

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DEC 17 1990

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 40 acres or more).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

3 wells + pumps to pressure system for
100 homes with less than 1/2 acre
irrigated each.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	^{model No.} Pump Serial No. or Discharge Size
Well #1	Red Jacket	15	N/A	Red Jacket	10C 170 6AM
Well #2	Red Jacket	30	206795306	Red Jacket	30065R 6PB
Well #3	Red Jacket	40	N/A	Red Jacket	7C 5201A 3B SST

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
#1			SE	SW	29	3N	38E	Bonneville	Maps / on site inspection
#2/3			SW	SE	29	3N	38E	Bonneville	Maps / on site inspection

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
3N	38E	29												3 1/2			5 1/2	13 1/2	100 1/2
		29												8			10	2	20 acres irr.
																			100 1/2

(100 Domestic Homes)

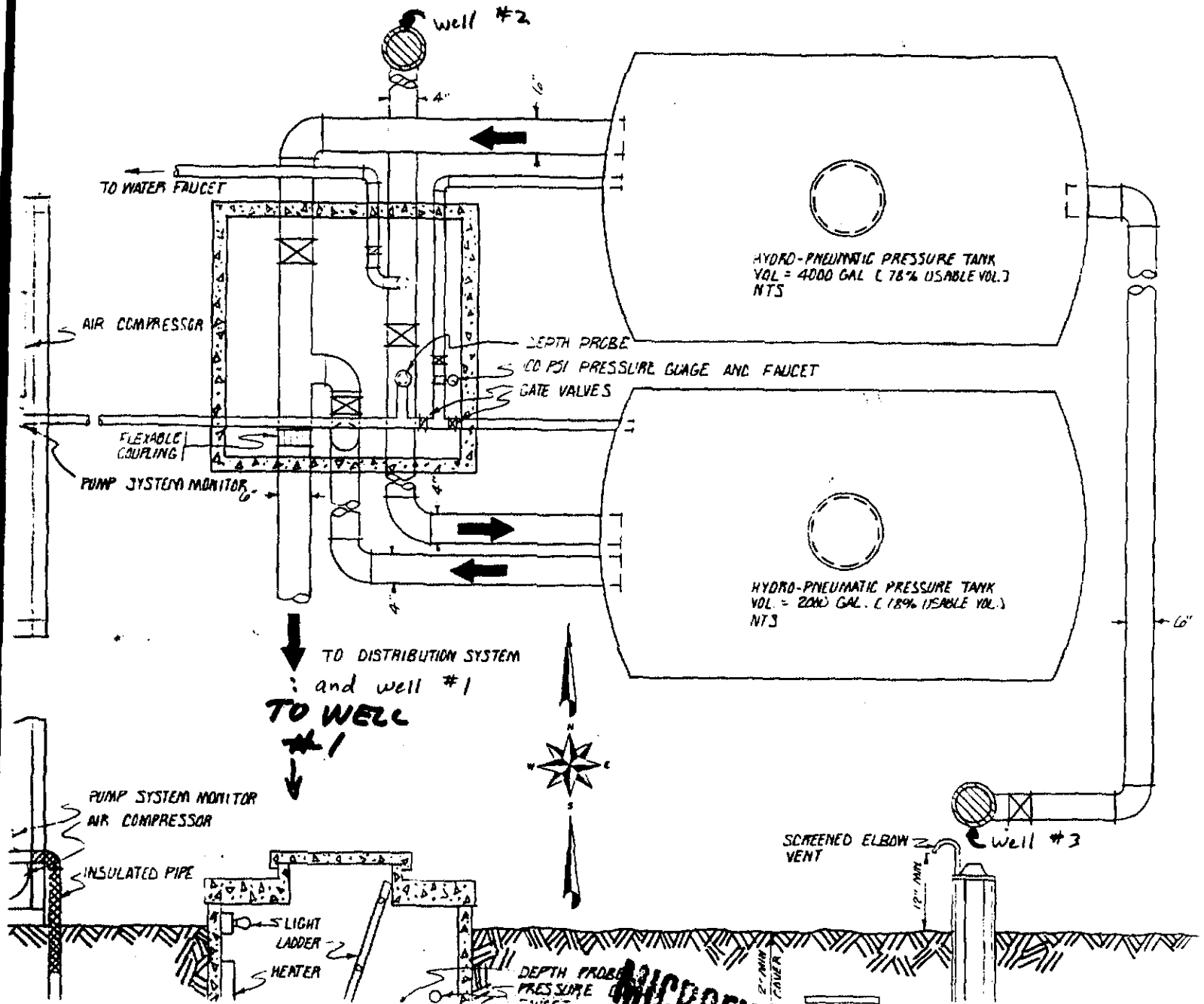
MICROFILMED

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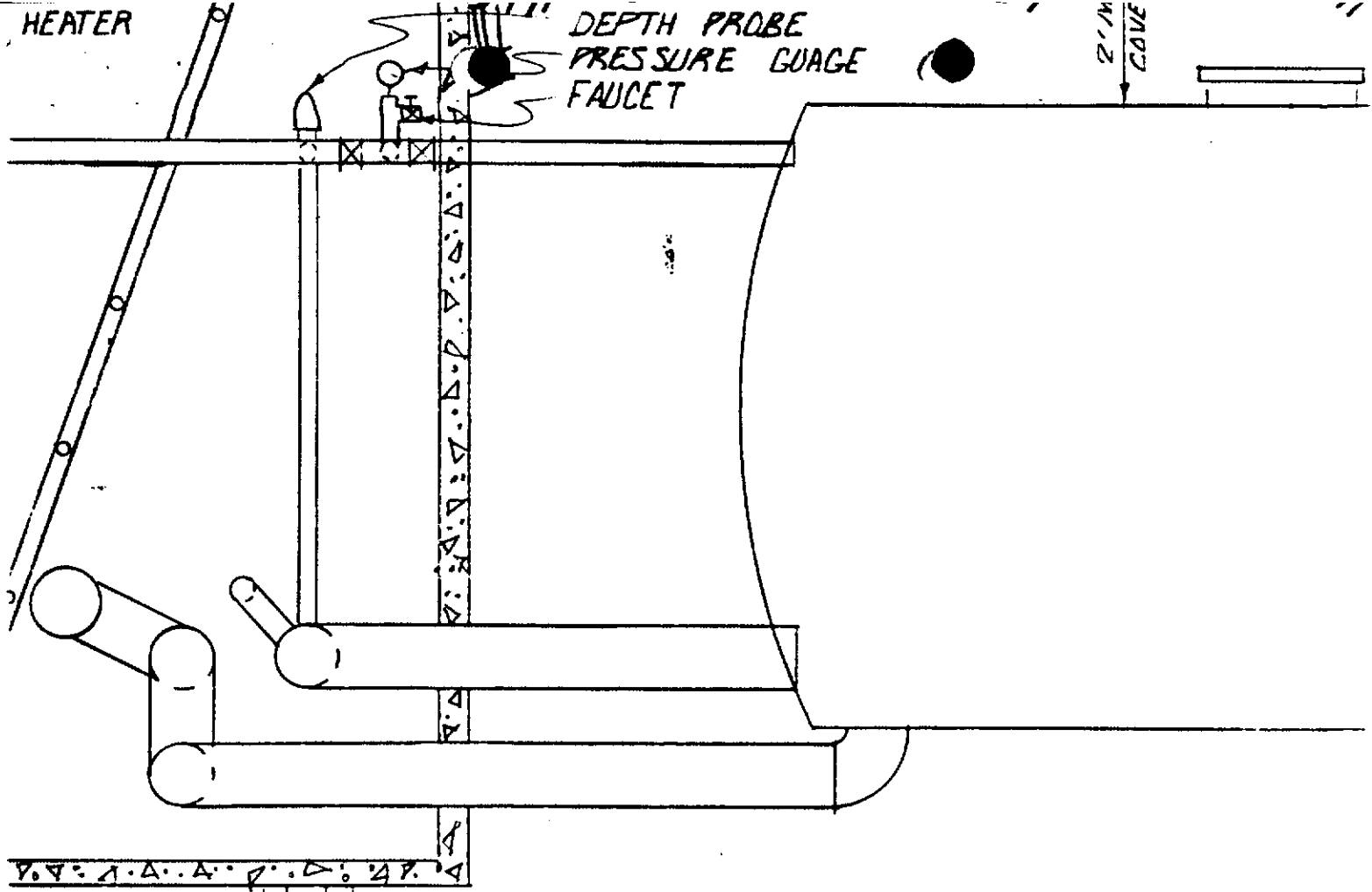
DEC 07 1990

System
Diagram

25-7242



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DEC 07 1990



WELL NO. 2

8" DIA CASING DEPTH = 173'

STATIC WATER DEPTH = 121'

PUMP DEPTH = 245'

PUMP = RED JACKET MODEL 30065R 6PB

POWER = 30 HP

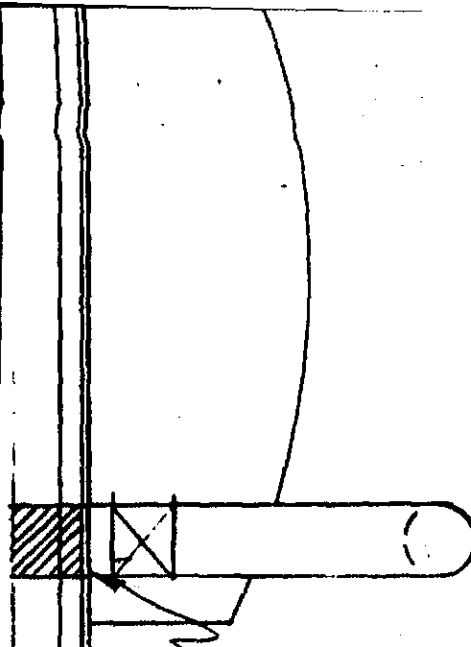
FLOW = 260 GPM

PHOTO FILMED

DEC 1 / 1990

Well Record
Drawing

25-7242



PITLESS ADAPTER (SNAPPY MONITOR, TYPICAL)

WELL NO. 3

SURFACE SEAL DEPTH = 40' (BENTONITE)

10" DIA. CASING DEPTH = 175'

STATIC WATER DEPTH = 119'

PUMP DEPTH = 285'

PUMP = RED JACKET MODEL 7C 52DIA 3B SST

POWER = 40 HP

FLOW = 405 GPM

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WELL RECORD
Drawing

25-7242

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

25-7242

PERMIT NO.

Theoretical calculations for the 3 pumps

equation used

$$Q_{\text{theor.}} = \frac{(hp) (8.814) (eff)}{\text{lift} + (psi \times 2.308)}$$

pump #1

$$Q_1 = \frac{(15) (8.814) (.80)}{138 + (40 \times 2.308)} = 0.46 \text{ cfs}$$

Lift = 138' from well log

pump #2

$$Q_2 = \frac{(30) (8.814) (.80)}{121 + (40 \times 2.308)} = 0.99 \text{ cfs}$$

Lift = 121' well record
drawing

pump #3

$$Q_3 = \frac{40 (8.814) (.80)}{119 + (40 \times 2.308)} = 1.33 \text{ cfs}$$

Lift = 119' well record
drawing

Total

2.78 cfs

$Q_{\text{irrigation}}$ Limited by $0.02 \text{ cfs/acre} = 20 \text{ acre} \times 0.02 \text{ cfs/acre} = 0.40 \text{ cfs}$

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Page 1 of Page 2

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

25-7242
PERMIT NO.

Measurement

Acreage calculations

Subdivision #1 & #2	48 lots @	100' x 125'	=	13.77 ac
Subdivision #3	52 lots @	92' x 115'	=	12.63 ac
		Total	=	26.4 ac
		Less 25% (Buildings)	=	-6.6
				19.8 ac $\approx$ 20 acres

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Keith C. Wilson
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Page 1 of Page 1

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D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

operating pressure 40 psi

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

see attached sheet

2. Alternate Method for Checking Purposes:

$$Q_{total} = 2.78 \text{ cfs}$$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

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

; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Ampsx .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 20 \times 2.5 = 50 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.4(214) 1.9835 = 169.8 \text{ afa}$$

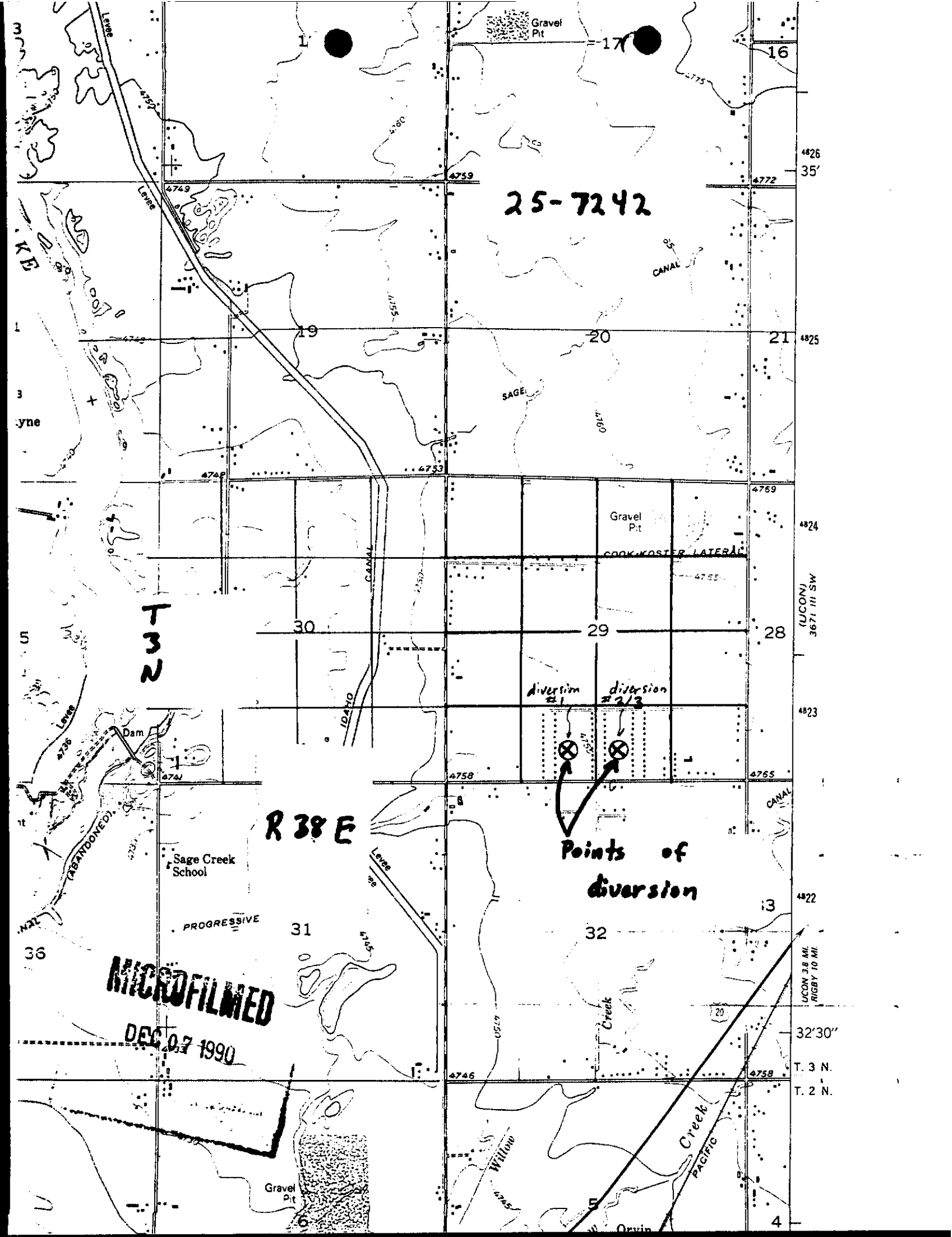
$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 50 \text{ afa}$$

2. Volume Calculations for Other Uses:

$$V_{domestic} = 31.2 \text{ afa} = 1.2 \text{ afa} \times 26$$

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T3N

R38E

diversion #1
diversion #2/3

Points of diversion

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UCON 3.8 MI
RIGBY 10 MI

T. 3 N.
T. 2 N.

J. & K. ESTATES

SUBDIVISION NO. 1

BONNEVILLE COUNTY, IDAHO

DAVID E. BENTON & ASSOCIATES — CONSULTING ENGINEERS
IDAHO FALLS, IDAHO

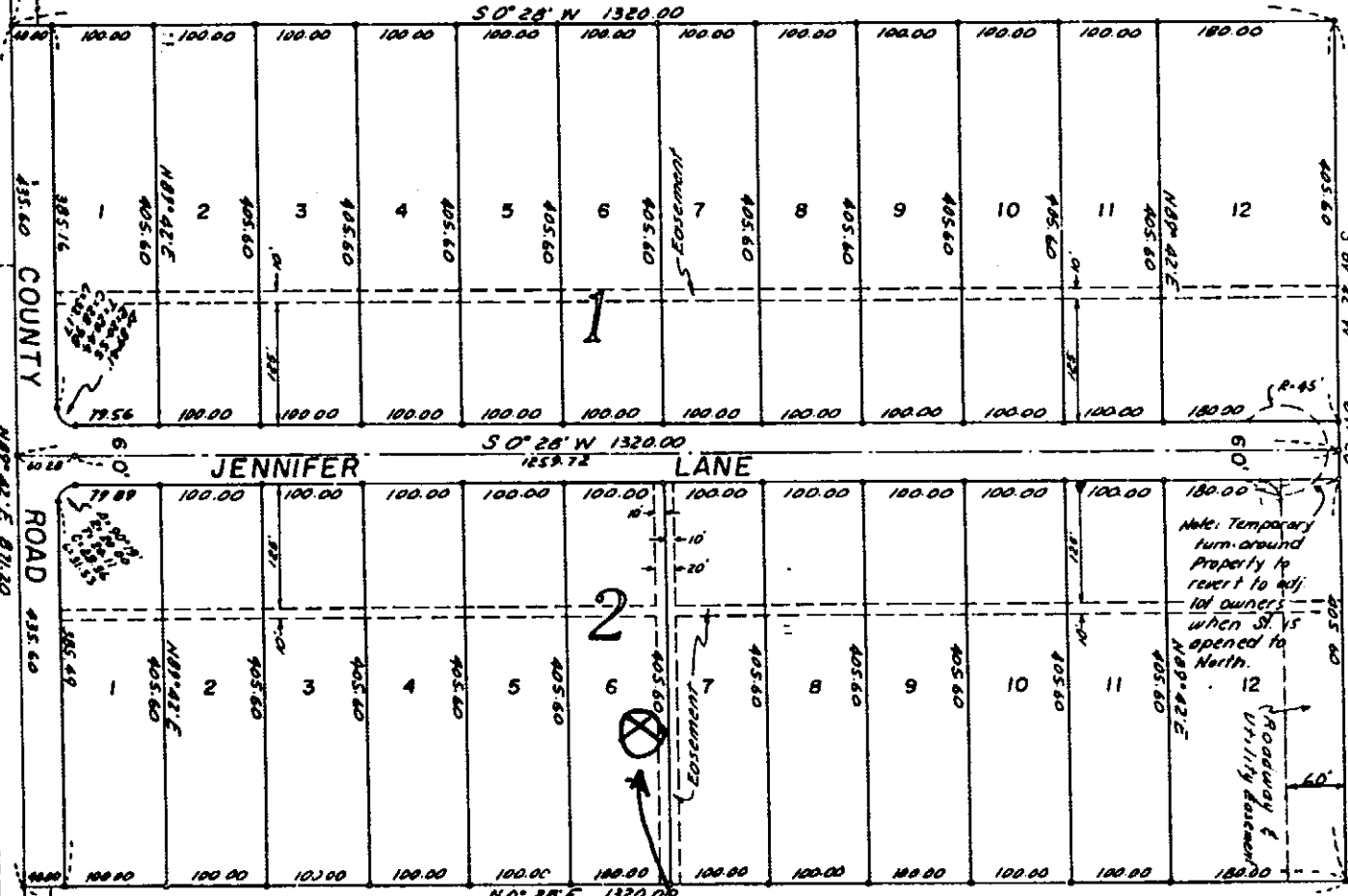
SCALE 1" = 100'

S.W. COR. SEC. 29
T.3 N., R.30 E. B.M.

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PHOTOFILMED

MORTENSEN
MEADOWS
SUBDIVISION



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IDAHO TITLE & TRUST CO.
Idaho Falls, Idaho

POINT OF
DIVERSION
#1

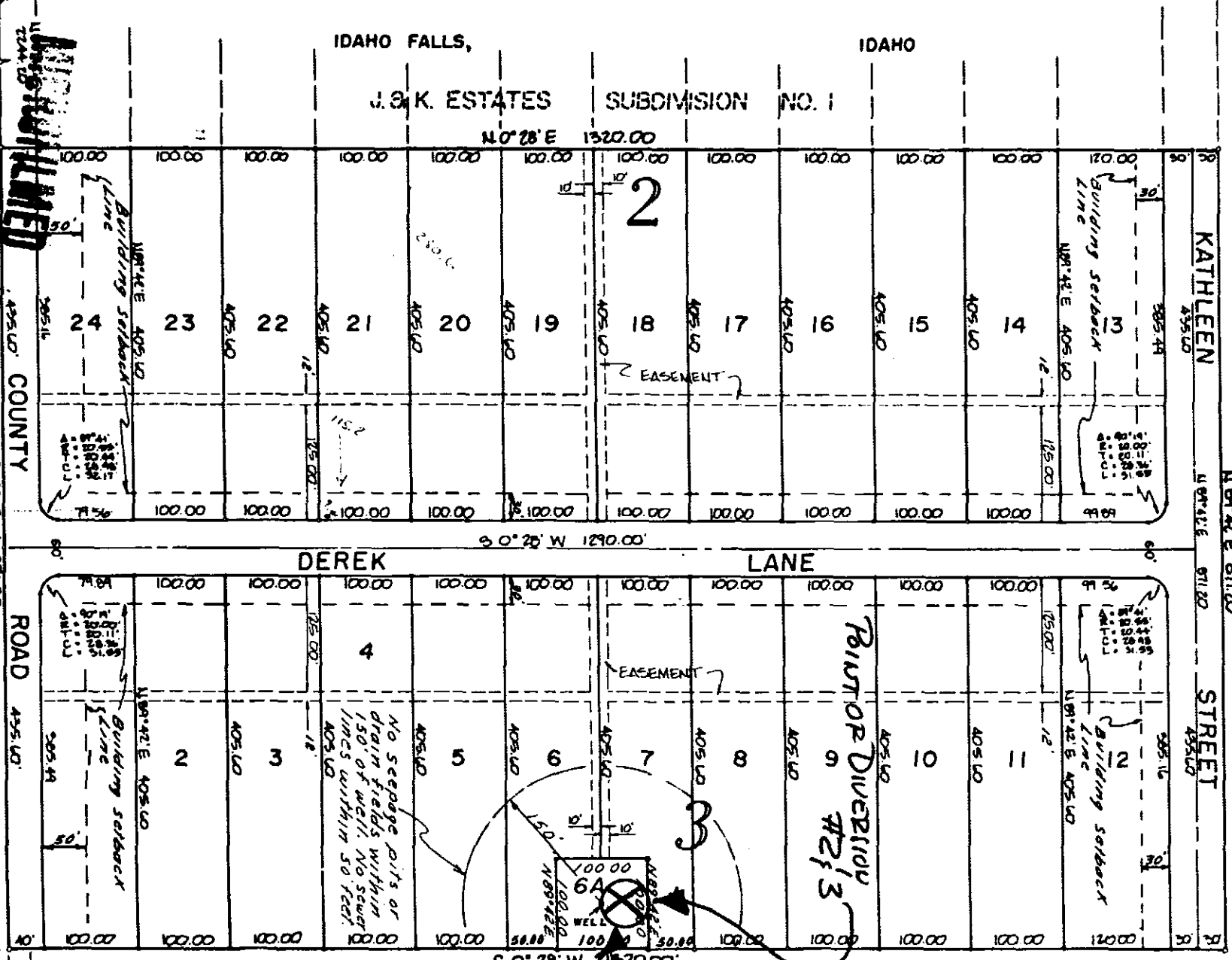
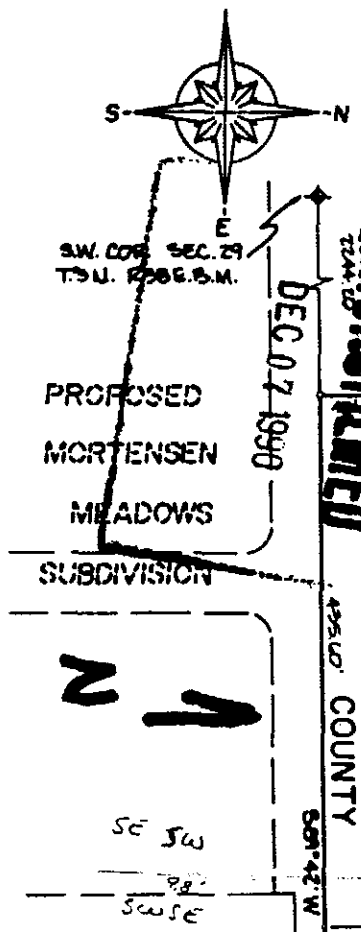
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25-7242

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J. & K. ESTATES
SUBDIVISION NO. 2
 Part of S 1/2 Sec. 29, T.3N., R.38E.B.M.
 BONNEVILLE COUNTY, IDAHO

272L-52



25-7242

(SW 1/4 SW 1/4 SE 1/4) Point of
 Sec 29 T3N R38E DIVERSION

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 Idaho Falls, Idaho

J. & K ESTATES

SUBDIVISION NO. 3
Part of S 1/2 Sec. 29 T.3 N., R.38 E.B.M
BONNEVILLE COUNTY, IDAHO

SCALE: 1"=100'

S.W. COR. SEC. 29
T.3 N., R.38 E.B.M.

J. & K ESTATES
SUB. NO. 2

IDAHO FALLS,

IDAHO



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Idaho Falls, Idaho

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S.W. COR. SEC. 29
R.38 E.B.M.

25-7242

25-7212 2

29

COOK
21120
1/2
2-2

1/2
2-1

R+M smit.
21117

HIWAY ESTATES

H-K CONT.
21150

F. KOSTER
21119

SESSIONS
21151

R 38 E

VO CROPPER
21159

points of
diversion

SE 1/4 SW 1/4 & K

SW 1/4 SE 1/4

T
3
N

WICR

DEC 07 1990

R 38 E

32

32

