

IDWR - WESTERN REGION

CONTRACTOR: Karan Waters

CLAIM/ID: 02-07272 (Pg 1) Date: 8-27-02

	TNS	RNG	SEC	NE				NW				SW				SE				Sum
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
Claim	65	6E	1			38						13			18		20	38	-5	167
GIS						39						41			41		41	41	41	244
Claim	65	7E	6									-6	-7							47
GIS												10	37							40.7
Claim	65	7E	7					-1	-2			-3	-4			20	28			296
GIS								40	40	12	38	40	40	38		21	26			325
Claim	65	6E	12	40	30	30	40									40	13	21	40	254
GIS				41	40	27	41									41	33	32	41	295

Number of POD's 1

Total Claimed Acres: _____

Overlapping POU Claim #'s:

Total GIS Acres: _____

02-02047, 02-2054

COMMENTS:

County data indicates claimant doesn't own property in section 12. Sections 6, 7, & 18 are in Township & Range T6S R7E per claim maps. Per claim map, image interpretation & overlapping claims.

IDWR - WESTERN REGION

CONTRACTOR: Karan Waters

CLAIM/ID: 02-07272 (Pg 2) Date: _____

	TNS	RNG	SEC	NE				NW				SW				SE				Sum
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
Claim	6S	6E	13	4																4
GIS				5.5																5.5
Claim	6S	7E	18		17			2	33	19	32	20								123
GIS					19			40	38	27	40	21								185
Claim																				
GIS																				
Claim																				
GIS																				

190.5

Number of POD's 1

Total Claimed Acres: 891

Overlapping POU Claim #'s:

Total GIS Acres: 1,095.2

COMMENTS:

1987 Napp Photo

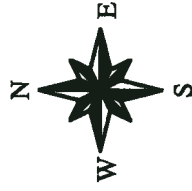
1987 Napp Photo



Idaho Department of Water Resources

Claim Number: 02-07272
Legal: T06S, R06E, S01, 12, 13
T06S, R07E, S06, 07, 18
Reviewed By:

- Point of Diversion
- Place of Use
- Section Lines
- Quarter Quarter Lines
- Township/Range Lines



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: A02-07272
Date Received: 1/13/1989
Receipt No: W002033
Received By: _____

COPY FOR
YOUR FILES

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

COPY FOR
YOUR FILES

1. Name: WILSON & WILSON CO INC 208-366-2173
Address: PO BOX 33
HAMMETT ID 83627

2. Date of Priority: OCT 23, 1978

3. Source: SNAKE RIVER Trib. to: COLUMBIA RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
05S	06E	36	SE	SE	SE	6	OWYHEE

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	03/15	11/15	18.860		4455.00

7. Total Quantity Appropriated is:
18.860 C.F.S. (and/or) 4455.00 A.F.A.

8. Total consumptive use is 3119.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
06S	06E	1	SW	NE		IRR	38.0
			NE	SW		IRR	13.0
			SE	SW		IRR	18.0
			NW	SE		IRR	20.0
			SW	SE		IRR	38.0

A02-07272

Page 1

Date: 04/30/93

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10. Place of Use: Continued

Township 06S	Range 06E	Section 1	1/4 SE	of 1/4 SE	Lot 5	Use IRR	Acres 40.0
						Section Acres	167.0
		6	NW	SW	6	IRR	10.0
			SW	SW	7	IRR	37.0
						Section Acres	47.0
		7	NW	NW	1	IRR	40.0
			SW	NW	2	IRR	40.0
			SE	NW		IRR	12.0
			NE	SW		IRR	38.0
			NW	SW	3	IRR	40.0
			SW	SW	4	IRR	40.0
			SE	SW		IRR	38.0
			NW	SE		IRR	20.0
			SW	SE		IRR	28.0
						Section Acres	296.0
		12	NE	NE		IRR	40.0
			NW	NE		IRR	30.0
			SW	NE		IRR	30.0
			SE	NE		IRR	40.0
			NE	SE		IRR	40.0
			NW	SE		IRR	13.0
			SW	SE		IRR	21.0
			SE	SE		IRR	40.0
						Section Acres	254.0
		13	NE	NE		IRR	4.0
						Section Acres	4.0
		18	NW	NE		IRR	17.0
			NE	NW		IRR	2.0
			NW	NW	1	IRR	33.0
			SW	NW	2	IRR	19.0
			SE	NW		IRR	32.0
			NE	SW		IRR	20.0
						Section Acres	123.0
						Total Acres	891.0

11. Place of use in counties: OWYHEE

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

13. Other Water Rights Used:

14. Remarks:

ITEM 5. FOUR WESTINGHOUSE PUMPS; THREE 400HP AND ONE 200HP.
LARGE DIAMETER PENSTOCK, PIVOT SPRINKLERS, WHEEL LINES AND HAND
LINES.

THE MAXIMUM COMBINED RATE OF DIVERSION UNDER THIS RIGHT & RIGHTS
02-2047 & 02-2054 SHALL NOT EXCEED 26.65 CFS.

THIS CLAIM IS FOR A DIVERSION RATE OF .03CFS/ACRE BASED ON A
SOILS REPORT PREPARED BY ROY FOWLER, DIST. CONSERVATIONIST, U.S.
SOIL CONSERVATION SERVICE (ATTACHED). THESE SOILS REQUIRE A

HIGHER DIVERSION RATE AND VOLUME TO ADEQUATELY RAISE CROPS.

WATER APPLIED IN EXCESS OF THE CONSUMPTIVE IRRIGATION REQUIREMENT
PERCOLATES TO THE GROUND WATER SYSTEM AND RETURNS TO THE RIVER.

15. Basis of Claim: PERMIT

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 A02-07272Date Received 1-13-89Receipt Number W00 2033

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

RECEIVED
JAN 13 1989

Department of Water Resources
Western Regional Office

Please type or print clearly

1. Name of Claimant (s) Wilson & Wilson Company, Inc. Phone (208) 366-2173Mailing Address P. O. Box 33, Hammett, Idaho Zip 836272. Date of Priority (Only one (1) per claim) 10/23/19783. Source of water supply (a) Snake River
which is tributary to (b) Columbia River4. a. Location of existing point of diversion is: Township 5S Range 6E Section 36,
SE 1/4 of SE 1/4 of SE 1/4, Govt. Lot, 6 B.M., County of OwyheeAdditional points of diversion if any: Noneb. If instream flow, beginning point of claimed instream flow is: N/ATownship _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,
Govt. Lot _____ B.M., County of _____
ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____
_____ 1/4, Govt. Lot _____ B.M., County of _____5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. Four Westinghouse pumps, three 400 HP,
one 200 HP. Large diameter penstock, pivot sprinklers, wheel lines and hand lines.

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6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For Irrigation purposes from 3/15 to 11/15 amount 18.86 or 4455

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 18.86 (cfs) and/or (b) 4455 (acre feet)

8. Total consumptive use claimed is 3119 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) _____

10. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
6S	6E	1			38						13			18		20	38	40	167
6S	6E	12	40	30	30	40									40	13	21	40	254
6S	6E	13	4																4
6S	6E	6										10	37						47
6S	6E	7						40	40	12	38	40	40	38		20	28		296
6S	6E	18		17			2	33	19	32	20								123

Total number of acres irrigated 891

11. In which county (ies) are lands listed above as place of use located? Owyhee

12. Do you own the property listed above as place of use? Yes X No _____
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.

or None (X)

14. Remarks:

This claim is for a diversion rate of .03 cfs/acre based on a soils report prepared by Roy Fowler, Dist. Conservationist, U.S. Soil Conservation Service (attached)
These soils require a higher diversion rate and volume to adequately raise crops.
Water applied in excess of the consumptive irrigation requirement percolates to the ground water system and returns to the river.

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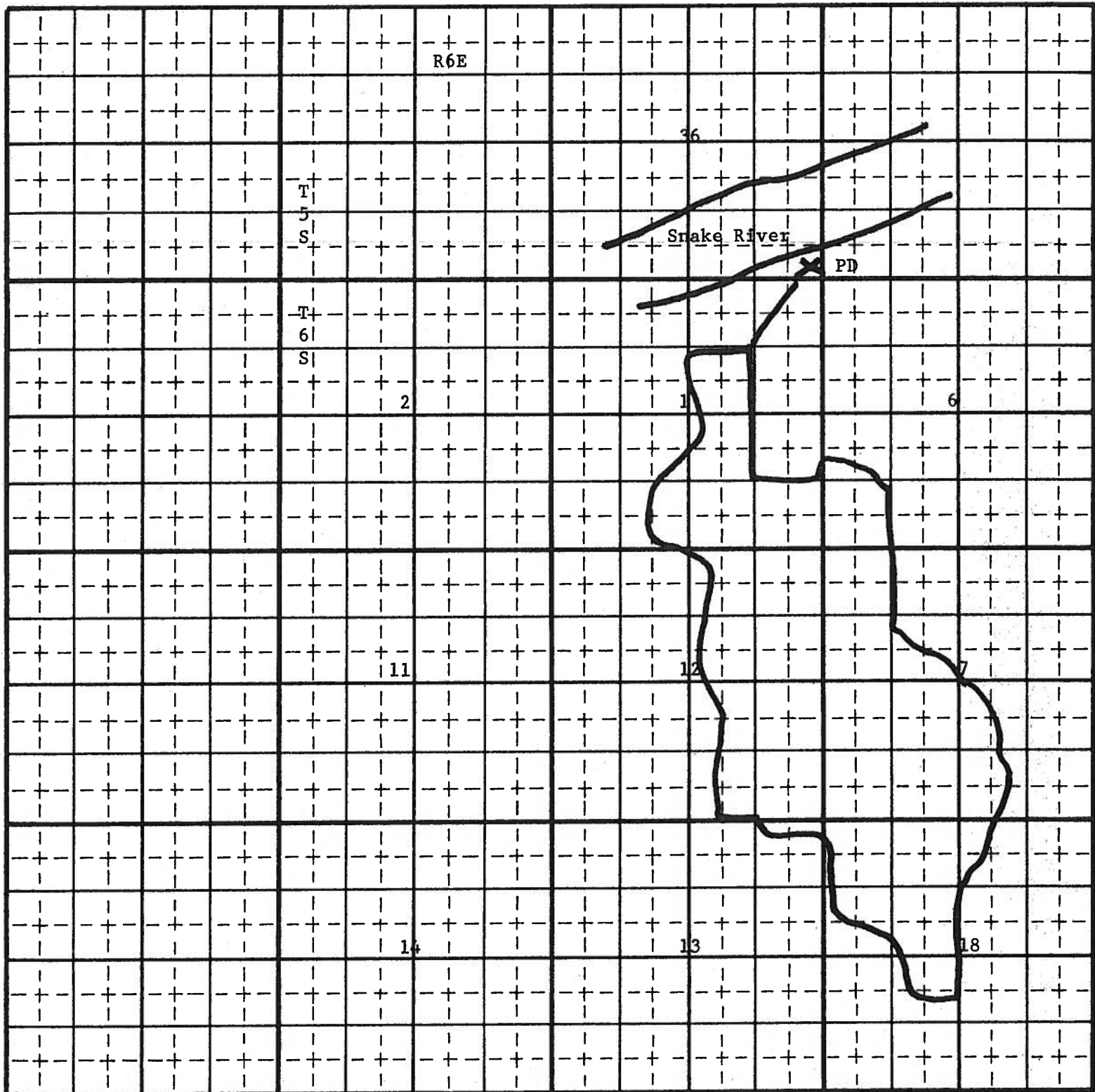
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Last Name Wilson & Wilson Co., Inc. Ident No. _____

Copies: White -State, Yellow-Claimant

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

Scale: 2 inches equals 1 mile



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Last Name Wilson & Wilson Co., Incident No. _____

Copies: White-State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License _____ Permit X
Decree _____
If applicable provide IDWR Water Right Number 02-7272
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

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 1 (14 pages)

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true
and correct.

Signature of Claimant (s) _____ Date _____
_____ Date _____

For Organizations: I do solemnly swear or affirm that I am Vice President
Title
of Wilson & Wilson Company, Inc. , that I have signed the foregoing
Organization
document in the space below as Vice President of Wilson & Wilson Company, Inc.
Title Organization
and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent James F. Schir
Title and Organization Vice Pres. Wilson & Wilson Co. Date 1/12/89

State of Idaho/or _____)
County of Ada) SS.

Subscribed and sworn (or affirmed) before me this 12 day of January 19 89



Notary Public Sherl Chapman

Residing at 457 W Willowbrook Mendocino St

My Commission Expires June 14 1994

Please Print Name Sherl Chapman

17. Notice of Appearance:

Notice is hereby given that I, _____ will be acting as attorney at law on behalf
of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above
should be mailed to me at the address listed below.

Signature _____

Address _____

Date _____

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AUG 16 1994

Last Name Wilson & Wilson Co., Inc. Ident. Number _____

Copies White-State, Yellow-Claimant



United States
Department of
Agriculture

Soil
Conservation
Service

Subject:

Date: July 23, 1986

To: Jim Elias
Box 33
Hammett, Idaho 83627

File Code:

The farmland on Eagle Cove Ranch generally consists of deep, well drained soils on flood plains and low terraces. These soils formed in alluvium. Slopes range from 0-40% with most of the ground in the 0-12% range. Elevations is typically 2500' above sea level.

The soils depicted on the aerial photo are as follows:

4A - Royal fine sandy loam, 0-4% slopes

<u>Depth</u>	<u>Available Waterholding Capacity (in/in)</u>	<u>Permeability (in/hr)</u>
0-5"	.13 - .16	2" - 6"
5-45"	.13 - .16	2" - 6"
45-60"	.06 - .09	6" - 20"

89B,F - Davey loamy fine sand, 0-12% slopes

0-5"	.09 - .11"	6" - 20"
5-45"	.11 - .15	2" - 6"
45-60"	.08 - .10	6" - 20"

22A - Quincy fine sand, 0-12% slopes

0-60"	.08 - .11	6" - 20"
-------	-----------	----------

15A - Grandview loam, 0-4% slopes

0-13"	.18 - .20"	.2" - .6"
13-35"	.19 - .21"	.06" - .2"
36-60"	.16 - .18"	.6 - 2.0"

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TABLE J. -- PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS -- Continued

Soil name and map symbol	Depth: Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell	Erosion factors
				in/hr	pH	mmhos/cm	potential	K ₂ O
21F*								
Purdum	0-6	1.50-1.60	0.6-2.0	0.19-0.21	5.6-7.3	<2	Low	0.43
	6-17	1.40-1.60	0.2-0.6	0.19-0.21	5.6-8.4	<2	Moderate	0.37
	17-21	1.50-1.60	0.6-2.0	0.16-0.21	7.9-8.4	<2	Low	0.37
	21-32	---	---	---	---	---	---	---
	32-50	>1.70	2.0-6.0	0.11-0.13	7.9-8.4	<2	Low	0.28
Sebree	0-4	1.40-1.50	0.2-0.6	0.19-0.21	6.1-7.8	3-16	Moderate	0.37
	4-10	1.40-1.50	0.06-0.2	0.19-0.21	7.4-9.0	>8	Moderate	0.32
	10-21	1.50-1.60	0.6-2.0	0.19-0.21	7.4-9.0	>8	Low	0.43
	21-56	---	---	---	---	---	---	---
Owsl	0-4	1.45-1.55	0.5-2.0	0.15-0.17	5.6-7.3	<2	Low	0.42
	4-35	1.45-1.55	0.2-0.6	0.15-0.18	5.6-7.8	<2	Moderate	0.43
	35-60	1.50-1.60	2.0-6.0	0.10-0.12	7.9-9.0	<4	Low	0.43
40A*								
Quartzburg	0-15	1.50-1.65	5.0-20	0.05-0.07	5.6-7.3	<2	Low	0.17
	15-36	1.55-1.70	>20	0.02-0.04	5.5-7.3	<2	Low	0.10
	36	---	---	---	---	---	---	---
Wapal	0-6	5-15	2.0-6.0	0.07-0.08	5.1-7.3	<2	Low	0.05
	6-18	5-15	2.0-6.0	0.05-0.07	5.6-6.5	<2	Low	0.05
	18-40	2-10	>20	0.02-0.05	5.5-6.5	<2	Low	0.02
	40	---	---	---	---	<2	Low	---
22A	0-50	1.35-1.50	6.0-20	0.08-0.11	5.1-8.4	<2	Low	0.17
Guincy								
22B	0-10	1.30-1.45	6.0-20	0.11-0.15	6.1-9.4	<2	Low	0.17
	10-60	1.45-1.60	5.0-20	0.06-0.09	6.5-8.4	<2	Low	0.17
55C*								
Rainey	0-9	1.50-1.70	2.0-6.0	0.11-0.13	6.1-7.3	<2	Low	0.24
	9-22	>1.50	2.0-6.0	0.06-0.18	5.1-7.3	<2	Low	0.32
	22-32	---	---	---	---	---	---	---

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87A*	0-8	10-18	1.15-1.35	0.6-2.0	0.11-0.14	5.6-7.8	<2	Low	0.24	5	3
Dagor	8-60	15-25	1.15-1.25	0.6-2.0	0.15-0.19	6.6-7.8	<2	Low	0.37		
Jenness	0-12	15-20	1.50-1.50	0.6-2.0	0.16-0.18	6.5-7.8	<2	Low	0.37	5	5
	12-36	10-15	1.60-1.70	2.0-6.0	0.11-0.15	6.6-7.8	<2	Low	0.28		
	36-60	5-18	1.50-1.70	0.6-2.0	0.08-0.21	6.6-7.8	<2	Low	0.43		
87C*								CONTINUED			
Dagor	0-8	10-18	1.15-1.35	0.6-2.0	0.11-0.14	6.5-7.8	<2	Low	0.24	5	3
	8-60	15-25	1.15-1.25	0.6-2.0	0.16-0.19	6.6-7.8	<2	Low	0.37		
Goose Creek	0-6	12-20	1.20-1.35	0.6-2.0	0.16-0.21	5.5-8.4	<2	Low	0.43	5	5
	6-60	25-35	1.30-1.40	0.06-0.2	0.16-0.21	5.5-8.4	<2	Moderate	0.24		
89C	0-7	5-10	1.50-1.55	5.0-20	0.06-0.08	7.4-7.8	<2	Low	0.10	5	2
Davey	7-25	8-15	1.35-1.55	2.0-5.0	0.11-0.15	7.4-7.8	<2	Low	0.28		
	25-60	5-10	1.40-1.60	5.0-20	0.08-0.10	7.9-8.4	<2	Low	0.10		
89B	0-15	5-10	1.50-1.65	5.0-20	0.09-0.11	7.4-7.8	<2	Low	0.17	5	2
Davey	15-25	3-15	1.35-1.55	2.0-5.0	0.11-0.15	7.4-7.8	<2	Low	0.23		
	25-60	5-10	1.40-1.60	5.0-20	0.08-0.10	7.9-8.4	<2	Low	0.10		

See footnote at end of table.

POOR ORIGINAL

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4A, 4B	0-5	5-15	1.40-1.50	2.0-5.0	0.13-0.15	7.4-9.0	<2	Low	0.28	5
Royal	5-45	5-15	1.50-1.60	2.0-6.0	0.13-0.15	7.4-9.0	<2	Low	0.32	
	45-60	0-5	1.40-1.50	6.0-20	0.06-0.09	7.4-9.0	<2	Low	0.20	
32F*										
Royal	0-5	5-15	1.40-1.50	2.0-6.0	0.13-0.16	7.4-9.0	<2	Low	0.28	5
	5-45	5-15	1.50-1.60	2.0-6.0	0.13-0.16	7.4-9.0	<2	Low	0.32	
	45-60	0-5	1.40-1.50	6.0-20	0.06-0.09	7.4-9.0	<2	Low	0.20	
Davey	0-15	5-10	1.50-1.65	6.0-20	0.09-0.11	7.4-7.8	<2	Low	0.17	5
	15-25	8-15	1.35-1.55	2.0-6.0	0.11-0.15	7.4-7.8	<2	Low	0.23	
	25-60	5-10	1.40-1.60	6.0-20	0.08-0.10	7.9-8.4	<2	Low	0.10	
4E*										
Royal	0-5	5-15	1.40-1.50	2.0-6.0	0.13-0.15	7.4-9.0	<2	Low	0.28	5
	5-45	5-15	1.50-1.60	2.0-6.0	0.13-0.16	7.4-9.0	<2	Low	0.32	
	45-60	0-5	1.40-1.50	6.0-20	0.06-0.09	7.4-9.0	<2	Low	0.20	
Davey	0-8	5-10	1.50-1.65	6.0-20	0.09-0.11	7.4-7.8	<2	Low	0.17	5
	8-18	8-15	1.35-1.55	2.0-6.0	0.11-0.15	7.4-7.8	<2	Low	0.28	
	18-60	5-10	1.40-1.60	6.0-20	0.08-0.10	7.9-8.4	<2	Low	0.10	

See footnote at end of table.

POOR ORIGINAL

15A	0-13:15-25:1.20-1.30: 0.2-0.6	0.18-0.20: 7.9-8.4	4-16	Low	0.43	5
Grandview	13-35:28-35:1.25-1.35: 0.06-0.2	0.19-0.21: 7.4-7.8	4-16	Moderate	0.37	
	35-60:15-25:1.30-1.40: 0.5-2.0	0.16-0.18: 7.9-8.4	4-16	Low	0.49	
77A	0-11:20-25:1.20-1.30: 0.6-2.0	0.19-0.21: 7.4-8.4	8-16	Moderate	0.37	
Grandview	11-60:24-35:1.25-1.35: 0.2-0.6	0.17-0.20: 7.9-9.0	8-16	Moderate	0.37	
Garbutt	0-5:12-18:1.20-1.40: 0.6-2.0	0.19-0.21: 7.9-9.0	2-8	Low	0.43	
76A	5-60:5-18:1.25-1.35: 0.6-2.0	0.15-0.21: 7.4-9.0	2-8	Low	0.43	
Graylock	0-7:0-10:1.50-1.70: 5.0-20	0.06-0.09: 4.5-6.0	2	Low	0.10	5
	7-26:0-5:1.50-1.70: 5.0-20	0.05-0.07: 4.5-6.0	2	Low	0.19	
	25-58:0-5:1.50-1.70: >20	0.04-0.07: 4.5-5.0	2	Low	0.10	
	58:---	---	---	---	---	
Broad Canyon	0-9:5-12:1.45-1.50: 2.0-6.0	0.07-0.09: 5.5-6.5	2	Low	0.10	4
	9-15:5-12:1.55-1.65: 2.0-5.0	0.06-0.08: 5.5-6.5	2	Low	0.10	
	15-33:5-10:1.55-1.65: 2.0-6.0	0.05-0.07: 5.6-7.3	2	Low	0.05	
	33-50:2-5:1.50-1.70: 6.0-20	0.03-0.05: 5.6-7.3	2	Low	0.05	
	50:---	---	2	Low	---	

See footnote at end of table.

POOR ORIGINAL

MICROFILMED
AUG 16 1994

CLASSIFICATION

Taxonomic class: - Mixed, mesic Xeric Torripsamments

SETTING

Depth class:

very deep

Drainage class:

excessively drained

Position on landscape:

dunes,

alluvial terraces,

Parent material: kind - Aeolian sands

source - Mixed

Slope range: 10 to 30 percent

Elevation: 2,500 to 3,600 feet

Climatic data (average annual):

*precipitation - 17 to 10 inches

*air temperature - 49 to 52 degrees F

*frost-free period - 120 to 140 days

TYPICAL PEDON DESCRIPTION

C1--0 to 3 inches; light gray (10YR 7/2) fine sand, grayish brown (10YR 5/2) moist; single grain; loose; common very fine and few medium roots; moderately alkaline; abrupt wavy boundary. (2 to 20 inches thick)

C2--3 to 32 inches; light gray (10YR 7/2) fine sand, grayish brown (10YR 5/2) moist; single grain; loose; common fine and medium roots; moderately alkaline; abrupt wavy boundary. (0 to 40 inches thick)

C3--32 to 60 inches; light gray (10YR 7/2) fine sand, grayish brown (10YR 5/2) moist; single grain; loose; few fine roots; moderately alkaline.

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TYPICAL PEDON LOCATION

Map unit in which located: Quincy fine sand, 0 to 12 percent slopes; location in survey area -

about 1/4 miles East of Bruneau,

about 180 feet South and 30 feet West of the Northeast corner of sec. 22, T. 6S., R. 6E.

RANGE IN CHARACTERISTICS

Profile:

value - 4 through 7 dry, 3 through 5 moist;

chroma - 2 or 3;

Particle-size control section:

texture - fine sand, sand, loamy sand, or loamy fine sand;

effervescence - none to strong;

Fig 14

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AUG 16 1994

DAVEY SERIES

CLASSIFICATION

Taxonomic class: - Isandy, mixed, mesic Xerollic Camborthids

SETTING

Depth class:

very deep

Drainage class:

somewhat excessively drained

Position on landscape:

drainageways,

fan terraces,

stream terraces,

Parent material: kind - Imixed alluvium

Slope range: I0 to 40 percent

Elevation: I2,300 to 3,500 feet

Climatic data (average annual):

*precipitation - I7 to 9 inches

*air temperature - I50 to ⁵²~~52~~ degrees F

*frost-free period - I20 to 150 days

TYPICAL PEDON DESCRIPTION

A1--0 to 4 inches; light gray (10YR 7/2) loamy fine sand, brown (10YR 5/3) moist; weak thin platy structure; soft, very friable; mildly alkaline; clear smooth boundary. (4 to 8 inches thick)

A2--4 to 15 inches; light gray (10YR 7/2) loamy fine sandy, brown (10YR 5/3) moist; massive; soft, very friable; mildly alkaline; clear smooth boundary. (0 to 12 inches thick)

Bw1--15 to 22 inches; pale brown (10YR 6/3) fine sandy loam, dark brown (10YR 4/3) moist; moderate medium subangular blocky structure; soft, very friable; strongly effervescent; mildly alkaline; gradual smooth boundary. (2 to 7 inches thick)

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Bw2--22 to 25 inches; pale brown (10YR 6/3) fine sandy loam, brown (10YR 4/3) moist; weak medium subangular blocky structure; soft, very friable; strongly effervescent; mildly alkaline; clear smooth boundary. (0 to 6 inches thick)

Bk--25 to 60 inches; light gray (10YR 7/2) loamy sand, pale brown (10YR 6/3) moist; massive; soft, very friable; violently effervescent; moderately alkaline.

TYPICAL PEDON LOCATION

Map unit in which located: Davey loamy fine sand, 0 to 4 percent slopes; location in survey area -

about 1/2 miles southwest of Grand View,

about 1/2,600 feet north and 1/2,50 feet west of the southeast corner of sec. 10, T.16S., R.14E.

RANGE IN CHARACTERISTICS

Profile:

depth to secondary lime - 11 to 24 inches;

1A horizon:

value - 1/5 through 7 dry, 3 through 5 moist;

chroma - 1/2 or 3;

1Bw horizons:

value - 1/5 through 7 dry, 3 through 5 moist;

chroma - 1/2 through 4;

texture - fine sandy loam or sandy loam;

1Bk horizon:

value - 1/5 or 7 dry, 4 through 6 moist;

chroma - 1/2 through 4;

texture - gravelly loamy sand, loamy fine sand or loamy very fine sand;

rock fragment content - 1/2 to 25 percent;

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AUG 16 1994

ROYAL SERIES

CLASSIFICATION

Taxonomic class: - coarse-loamy, mixed, mesic Xerollic Camborthids

SETTING

Depth class:

very deep

Drainage class:

well drained

Position on landscape:

fan terraces,

stream terraces,

Parent material: kind - wind modified alluvium

source - mixed

Slope range: 0 to 40 percent

Elevation: 2,400 to 3,600 feet

Climatic data (average annual):

*precipitation - 13 to 10 inches

*air temperature - 49 to 52 degrees F

*frost-free period - 120 to 140 days

TYPICAL PEDON DESCRIPTION

A--0 to 5 inches; pale brown (10YR 6/3) fine sandy loam, dark grayish brown (10YR 4/2) moist; weak thin platy structure; soft, very friable; mildly alkaline; abrupt smooth boundary. (3 to 6 inches thick)

Bw--5 to 11 inches; brown (10YR 5/3) fine sandy loam, dark grayish brown (10YR 4/2) moist; weak medium subangular blocky structure; slightly hard, friable; mildly alkaline; clear smooth boundary. (6 to 15 inches thick)

Bk--11 to 20 inches; pale brown (10YR 6/3) fine sandy loam, brown (10YR 5/3) moist; massive; slightly hard, friable; strongly effervescent; moderately alkaline; clear smooth boundary. (9 to 20 inches thick)

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C--20 to 60 inches; very pale brown (10YR 7/3) fine sandy loam, brown (10YR 4/3) moist; massive; slightly hard, very friable; violently effervescent; strongly alkaline.

TYPICAL PEDON LOCATION

Map unit in which located: Royal-Davey-Rock Outcrop complex, 0 to 20 percent slopes; location in survey area -

about 13 miles west of Hammett,

about 12,100 feet south and 12,250 feet east of the northwest corner of sec. 133, T.15S., R.15E.

RANGE IN CHARACTERISTICS

Profile:

depth to secondary lime - 10 to 20 inches;

1A horizon:

value - 5 or 6 dry, 3 or 4 moist;

chroma - 2 or 3;

1B horizons:

value - 5 or 6 dry, 3 or 4 moist;

chroma - 3 or 4;

texture - loam, fine sandy loam, or sandy loam;

1C horizons:

value - 5 or 7 dry, 4 or 5 moist;

chroma - 2 through 4;

texture - fine sandy loam, sandy loam; may be loamy sand or loamy fine sand below 40 inches

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AUG 16 1994

863 3/27
GRANDVIEW SERIES

CLASSIFICATION

Taxonomic class: - fine-loamy, mixed, mesic Typic Calciorthids

SETTING

Depth class:

very deep

Drainage class:

moderately well drained

Position on landscape:

flood plains,

stream terraces,

Parent material: kind - mixed alluvium

Slope range: 0 to 4 percent

Elevation: 2,300 to 2,800 feet

Climatic data (average annual):

*precipitation - 5 to 8 inches

*air temperature - 51 to 53 degrees F

*frost-free period - 140 to 150 days

TYPICAL PEDON DESCRIPTION

A--0 to 4 inches; pale brown (10YR 6/3) loam, dark brown (10YR 3/3) moist; weak thin platy structure; slightly hard, friable, slightly sticky and slightly plastic; common very fine roots; common very fine tubular pores; slightly effervescent; moderately alkaline; clear smooth boundary. (3 to 8 inches thick)

Bw--4 to 13 inches; pale brown (10YR 6/3) loam, brown (10YR 5/3) moist; moderate coarse subangular blocky structure; hard, firm, sticky and plastic; few fine roots; common fine tubular pores; slightly effervescent; moderately alkaline; clear smooth boundary. (6 to 12 inches thick)

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Bk1--13 to 22 inches; pale brown (10YR 6/3) clay loam, brown (10YR 4/3) moist; strong coarse angular blocky structure; hard, firm, very sticky and very plastic; few very fine roots; few fine tubular pores; strongly effervescent; strongly alkaline; clear smooth boundary. (8 to 25 inches thick)

Bk2--22 to 35 inches; light gray (2.5Y 7/2) clay loam, grayish brown (2.5Y 7/2) moist; moderate coarse subangular blocky structure; hard, firm, sticky and plastic; few fine tubular pores; strongly effervescent; strongly alkaline; clear smooth boundary. (0 to 15 inches thick)

Bz--35 to 60 inches; light gray (2.5Y 7/2) loam, grayish brown (2.5Y 5/2) moist; few medium distinct (10YR 4/3) mottles; moderate coarse subangular blocky structure; hard, friable, slightly sticky and plastic; common very fine tubular pores; strong effervescence; few salt veins; strongly alkaline.

TYPICAL PEDON LOCATION

Map unit in which located: Grandview loam, 0 to 4 percent slopes;
location in survey area -

about 12 miles southwest of King Hill,

about 12,600 feet east and 11,680 feet south of the northwest corner of sec. 14, T. 15S., R. 10E.

RANGE IN CHARACTERISTICS

Profile:

hue - 10YR or 2.5Y;

conductivity of saturation extract - 4 to 16 millimhos;

depth to water table - 40 to 60 inches, April through September

Particle-size control section:

clay content - 27 to 35 percent;

1A horizon:

value - 5 through 7 dry, 3 through 5 moist;

chroma - 2 or 3;

1Bw and Bk horizons:

value - 5 through 7 dry, 3 through 5 moist;

chroma - 2 through 4;

texture - clay loam, silty clay loam, or loam;

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12/22/1988

SRBA CLAIMS RECEIVING CHECKLIST

CLAIMANT'S NAME

Wilson & Wilson

CLAIM IDENT. NO.

AG-07272

DATE RECEIVED

01/13/89

CK #

119

AMOUNT \$

1652/489⁰⁰

YES

NO

Required
Info?

1. Is the name and address complete with zip code? ☒ YES ☐ NO *
2. Is a priority date entered? ☒ YES ☐ NO *
- Is the priority date acceptable in view of mandatory filing dates? . . . ☒ YES ☐ NO *
3. (a) Is a source entered? ☒ YES ☐ NO *
- (b) Is a tributary to entered? (if required) N/A ☒ YES ☐ NO *
4. Is the legal description of the p.d. sufficient? ☒ YES ☐ NO *
5. Is there a description of the diverting works? ☒ YES ☐ NO *
6. Are the water uses appropriate for the form? The short form is limited to domestic and stockwater uses with direct diversion. All claims that include storage or instream stockwater must use long form. ☒ YES ☐ NO *
- Is the period of use included? ☒ YES ☐ NO *
- Is a quantity claimed for each use? ☒ YES ☐ NO *
7. Is a total quantity claimed entered? ☒ YES ☐ NO *
8. If required is a consumptive use entered? N/A ☒ YES ☐ NO *
- Is the consumptive use correct? N/A ☒ YES ☐ NO *
9. Are the non-irrigation uses listed properly? If this claim is on the short form, and more than one domestic use is listed, single ownership must be stated. If not under single ownership, see Adjudication Memo # 4. N/A ☒ YES ☐ NO *
10. Is (are) the place(s) of use and purpose(s) indicated? ☒ YES ☐ NO *
11. Is (are) the county(ies) entered? ☒ YES ☐ NO *
12. Is the ownership of p.u. checked? ☒ YES ☐ NO *
13. Are other water rights listed or "none" indicated? ☒ YES ☐ NO *
14. If required, are remarks correct? (If the claimant does not own the place of use, authority for filing the claim must be explained in the remarks.) N/A ☒ YES ☐ NO *
15. Is the basis of the claim indicated? ☒ YES ☐ NO *
16. Has the claimant requested a monthly docket sheet? (If yes, describe payment status in "Comments" below.) ☒ YES ☐ NO *
17. Is the claim signed by the claimant, and is the signature appropriate? ☒ YES ☐ NO *
18. Has the claim been signed, sealed, and dated by a notary? ☒ YES ☐ NO *
19. Was this claim filed on time, or was an extension granted? ☒ YES ☐ NO *
20. Is the fee enclosed correct? Exempt ☒ YES ☐ NO *
21. If this claim is based on an existing water right, has the identification number been entered? N/A ☒ YES ☐ NO *
22. Should this claim be receipted and data entered? ☒ YES ☐ NO *

Claim checked by:

SGR

Date:

08/07/89

Claim must be returned to claimant:

☒ (Yes)☐ (No)

Claimant must be sent a copy of amended claim for approval:

☒ (Yes)☐ (No)

Receipt Prepared by:

SC

Date:

01/19/89

Claim data entered by:

SG

Date:

1-30-1993

Checked by:

Date:

Sent to claimant by:

SG

Date:

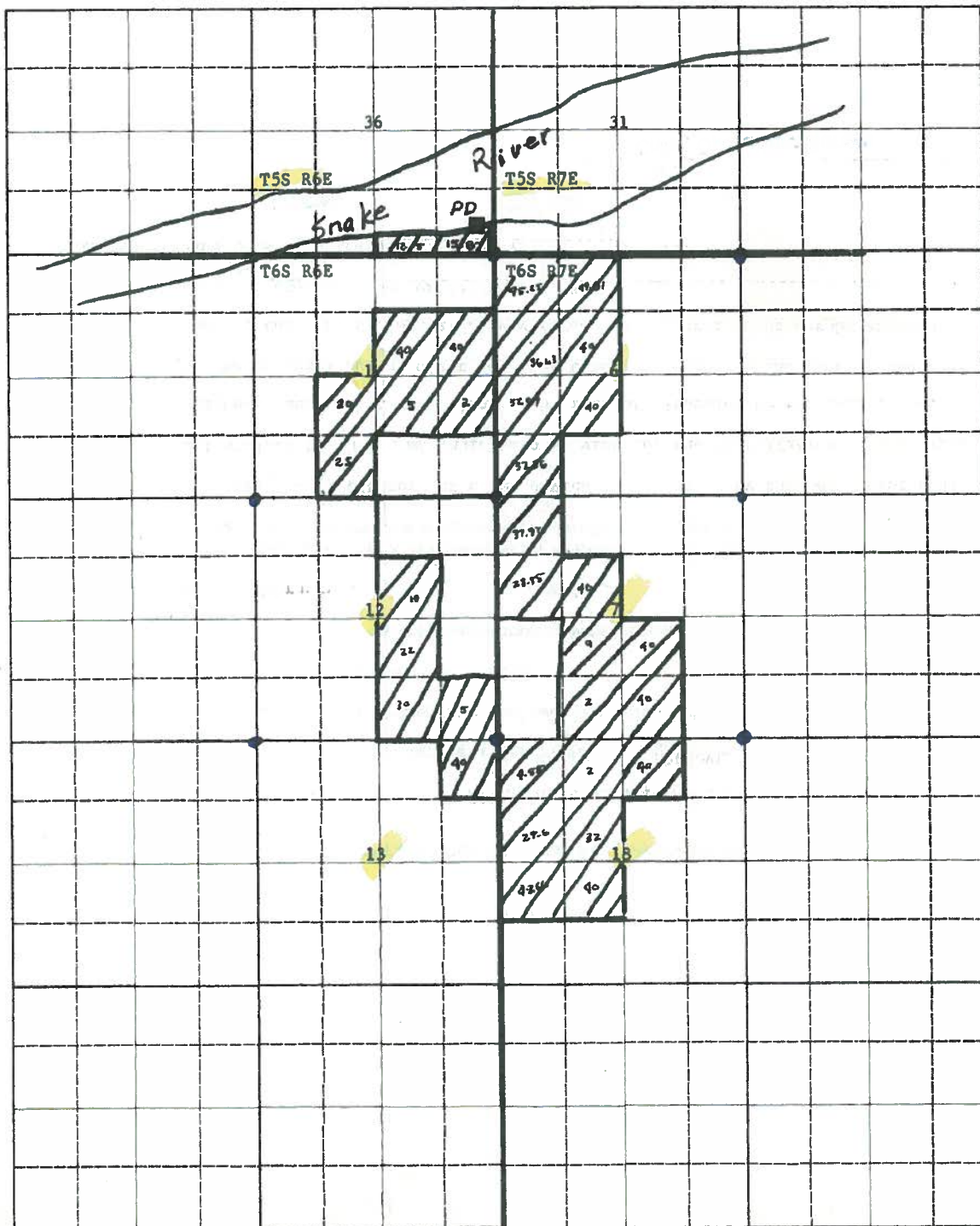
1-30-1993

Comments:

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AUG 16 1994

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.

Mulson & Helgeson Co.
(Applicant)
Lucille A. Mulson
U.P.