

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: A36-04206

Date Received: 9/21/1988

Receipt No: S002450

Received By: Q. J. H.

Change of Name

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: FAY MORRILL
Address: 1835 E 1200 S
HAZELTON, ID 83335
208-829-5080

2. Date of Priority: JAN 01, 1952

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
10S	20E	19	NW	NW	NW	1	JEROME

5. Description of diverting works:
WELL, PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.060		
DOMESTIC	01/01	12/31	0.040		

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

8. Total consumptive use is 6.0 Acre Feet Per Annum.

9. Non-irrigation uses:
DOMESTIC, 1 HOME

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
10S	20E	19	NW	NW	1	IRR	2.0

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
					Section Acres	2.0
					Total Acres	2.0

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:
CANAL CO. WATER

14. Remarks:
CLAIMANT WELL ON ACRES WHEN CANAL CO WATER NOT AVAILABLE.

15. Basis of Claim: STATUTORY CLAIM

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: _____

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): _____ Date: _____
_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____

My Commission Expires _____

CHANGE IN ADDRESS OF NOTICE OF CLAIM

[] Water Right Number (s): A 36-04206

[] ^{OLD}~~Old~~ Mailing Address: FAYE STORER
1835 E., 1200 S RT 1.
HAZELTON, ID 83335

[] New Mailing Address: FAY MORRILL
1835 E., 1200 S RT 1
HAZELTON, ID 83335

New Telephone Number: (208) 829 - 5080

[] Signature of Claimant: _____
Date: Oct 31, 1990 Fay Morrill

Name changed after Divorce

FOR IDWR USE ONLY:

Initial Review and Data-Entry

Date: _____ By: _____

Further Action Needed:

Further Action Taken

Date: _____ By: _____

Final Review and Data-Entry

Date: _____ By: _____

R.V.W.
10/31/90

MICROFILMED
FEB 01 1993

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF DAHO,
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: 39 76

Ident. Number: A36-04206
Date Received: 9/21/1988
Receipt No: S00245
Received By: W

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: FAYE STORER 208-829-5080
Address: 1835E 1200S RT 1
HAZELTON, ID 83335

2. Date of Priority: JAN 01, 1952

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
10S	20E	19	NW	NW		1	JEROME

5. Description of diverting works:
WELL, PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.060		
DOMESTIC	01/01	12/31	0.040		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
D/1 HOUSE

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
10S	20E	19	NW	NW	1	IRR	2.0

Section Acres 2.0

10. Place of Use: Continued

Total Acres 2.0

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:
CANAL CO. WATER

14. Remarks:
CLAIMANT WELL ON ACRES WHEN CANAL CO WATER NOT AVAILABLE.

15. Basis of Claim: STATUTORY CLAIM

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:

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): Page Stover Date: Sept 21 1988
Date:

State of Idaho)
County of TC) SS.

Subscribed and sworn (or affirmed) before me this 21st day
of Sept 19 88 Tom White
Notary Public

Seal

Residing at TC
My Commission Expires 5/95



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

October 3, 1990

A36-04206
FAYE STORER
1935 E. 1200 S.
ST. 1
HAZELTON

ID 86335

Dear Claimant(s):

In the past you submitted the claim(s) identified with the number(s) shown above your name and address at the top of this letter. You indicated on the claim(s) that the basis for establishing the water right(s) was Beneficial Use, meaning the water right was not previously confirmed by a decree, water right license or permit before you filed the claim(s).

The purpose of this letter is to request evidence supporting the priority date(s) you have claimed. The enclosed pamphlet describes what this means. While I encourage you to read all of the pamphlet, I direct your attention to the right-hand half of the pamphlet after you open it. There you will find two sections: What Kind of Evidence is Required, and Some Examples of Documents which May Be Evidence of the Priority Date. These sections tell you what must be submitted. The other sections tell you why the evidence is necessary and what the consequences of not submitting the evidence could be.

Please submit the requested evidence by November 1, 1990. When returning to the Department please reference all documents with the claim(s) identification number(s) listed above.

If you have questions not addressed by the pamphlet or need other technical assistance, please feel free to contact this office. For advice on your water right(s), please contact your attorney.

Sincerely,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosure

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Oct. 30, 1990

We, testify that the said well; 292 feet deep, water level at 205 feet, on property located as part of Lot 1, Section 19, Township 10, Range 20, East Boise Meridian, has been in use for livestock water, irrigation, and home use since 1952.

10-30-90
Date

Fay Morrill
Fay Morrill-Owner of Property & Well

10/30/90
Date

John Hansen
John Hansen - Neighbor

10/30/90
Date

W. K. Fine
W. K. Fine - Neighbor

10-30-90
Date

Harold Griffiths
Harold Griffiths - Neighbor

Subscribed and sworn to before me this 30th day of October, 1990.

Sara M. Utz
Notary Public
Residing in Eden
My Commission expires 7-8-90

RECORDED
FEB 01 1993

Log for claim 36-04206

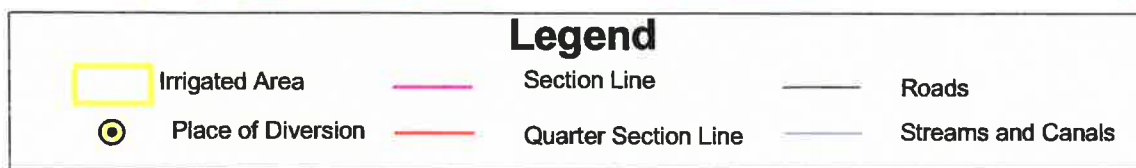
Spatial Dynamics LTD

9/18/01

TR	SEC	QQ	Acres Recommended	Acres Shaped	COMMENT
10s20e	19	NWNW	2	3	
Totals:			2	3	

Water Right Number 36-04206
Township , 10S20E

09/18/2001



R PROOF



CVR



MAPS



PHOTOS



MISC



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VERIFIED BY

SC

Water Right Number - R36-04206

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
MORRILL

FAY

1 - 1835 E 1200 S

2 -

3 -

City- HAZELTON

Phone - 208-829-5080

State- ID Zip- 83335

*** O - ORIGINAL OWNER ***
STORER

FAYE

1 - 1835 E 1200 S

2 - RT 1

3 -

City- HAZELTON

Phone - 208-829-5080

State- ID Zip- 83335

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
01/01/1952 17 SOUTHERN J - BENEFICIAL USE+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
GROUNDWATER+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County
10S 20E 19 NW NW 1 (53) JEROME+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 03/15 11/15 0.040 8.00
43 - DOMESTIC 01/01 12/31 0.040+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.040 8.00 6.0+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
10S 20E 19 NW NW 1 2.0 01 IRRIGATION (53) JEROME
10S 20E 19 NW NW 1 43 DOMESTIC (53) JEROME

Total Acres: 2.0

+ - - Diversion Means - WELL, PUMP

+ - - Non-Irrigation Use - DOMESTIC/ 1 HOME

+ - - Other Rights for Same Use - SEE CONDITIONS OF APPROVAL

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Water right number - R36-04206

Prefix Translation: RESEARCH

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

+ - - - - Old Water Right Numbers - - - - -
3604206

+ - - - - Conditions of Approval - - - - -
S17 - USE OF WATER UNDER THIS RIGHT IS COMBINED WITH WATER FROM
- NORTH SIDE CANAL CO. LTD.

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

+ - - - - Comments - - - - -
Date: 01/16/1991 User Id: BEDKE Subject: ADM-STAFF REVIEW
Date: 10/03/1991 User Id: CLELLAND Subject: COPIED FROM REMARKS
CLAIMANT WELL ON ACRES WHEN CANAL CO WATER NOT AVAILABLE.

+ - - Audit Fields - - +
10/03/91 CLELLAND

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 11/20/1990	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 10/03/1991	Old Judicial District	-
Claim Received Date	- 09/21/1988	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S002450	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	-	Presumption Flag	-
				Notice of Error Flag	-

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:46:11
09/15/90

PAGE: 11
QUICKLOOK INFORMATION

CLAIM NUMBER: A36-04206

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			ADN	N		SCW	DB	
POINT OF DIV	Y		11-20-90	N	1,5,6	10-3-91		
SOURCE				N				
PLACE OF USE	Y			N	1,5,6			
DIV. AMOUNT CES/VOLUME				Y				
CONSUMPTIVE USE				N				
PURPOSES				N				
PERIOD OF USE				N				
BASIS OF CLAIM				N				
REMARKS	Y			N				

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"VERIFIED BY" CODES

TOPO MAP/ORTHO-PQ = 1
ASCS MAP = 2
WATERMASTER RECORDS = 3
NAEP 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.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:46:11
09/15/90

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A36-04200

LAST: STOKER
ADDRESS: 1835 E. 1200 S.
RT. 1
CITY: HAZELTON
PHONE NUMBER: 208-829-5080

FIRST: FAYE

STATE: ID ZIP: 83335

OWNER CODE: C

FIELD EXAM REQUIRED?

DATABASE
Y

FIELD
EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

CLAIM REMARKS: CLAIMANT WELL ON ACRES WHEN CANAL CO WATER NOT AVAILABLE.

FIELD EXAMINATION INFORMATION

CONTACT PERSON: _____

PHONE NUMBER: () _____

DATE OF FIELD EXAM: 11/20/90

APPOINTMENT MADE: Y() N()

TIME: : A() P()

ACCOMPANIED BY: Faye Morvill

PHONE NUMBER: () _____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

I stopped and talked to Faye Morvill who lives in the house
and she described the system.

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A. AJ CLAIM: # A36-04206 PRIORITY DATE: 01-01-1952 STAGE: S

B. WR RECORD: # 36-04206 PRIORITY DATE: 01-01-1952 STAGE: S

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE FIELD
N EXAMINER

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

REMARKS: Affidavit in file supports priority, claimed.

RECOMMENDED PRIORITY DATE:
01-01-1952

REVIEWED BY

DATE

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-04206	10S	20E	19		NW	NW	1	JEROME

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

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-04206	10S	20E	19				1	JEROME

OTHER WR RECORDS WITH SAME WR POD
NONE

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

SOURCE: GROUNDWATER

TRIB:

C. FIELD EXAM REQUIRED?

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

DATABASE
Y
N

FIELD
EXAMINER

REMARKS:

The well is located in the NW 1/4 corner of lot 1.

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	COUNTY
------	------	------	-----	-----	-----	-----	--------

OK

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY:

ADW

DATE:

1/10/91

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A. ROOT WATER RIGHT NUMBERS: A36-04206

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
10S	20E	19	NW	NW	1	STOKER, FAYE	A36-04206 7 2.0	36-04206 7 2.0	39.0	2	2
TOTAL ACRES							A36-04206 2.00	2.00	39.00		

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
Y

FIELD
EXAMINER

ASSUMPTION FLAG:

REMARKS:

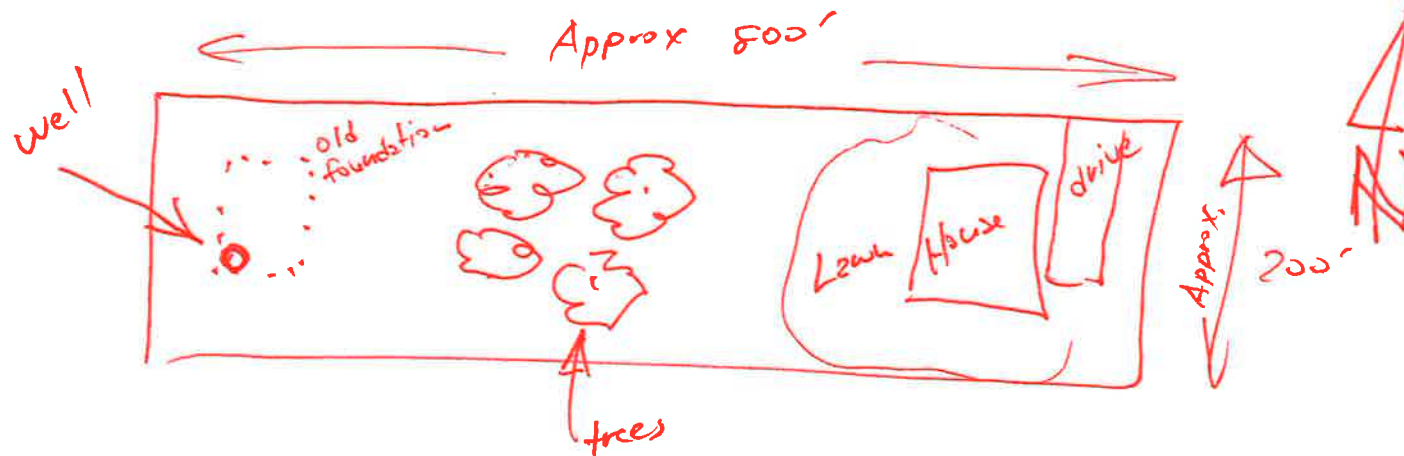
The land irrigated is 2 long narrow parcel where the house sits. The parcel has lawn and garden and lots of trees and bushes. The land is irrigated by hoses and sprinklers

RECOMMENDATIONS:

TOTAL ACRES: 2

REVIEWED BY: ADM

DATE: 1/10/91



CLAIM NUMBER: A36-04206

A. AJ CLAIMED USES:

PURPOSES
A36-04206 IRRIGATION
A36-04206 DOMESTIC

TOTAL DIVERSION RATE/VOLUME CLAIMED

.060 CFS
.040 CFS
.100 CFS

DIVERSION QUANTITY

B. WR RECORDED USES:

PURPOSES
36-04206 IRRIGATION
36-04206 DOMESTIC

MONTH/DAY
FROM 03-15 TO 11-15
FROM 01-01 TO 12-31

TOTAL DIVERSION RATE/VOLUME CLAIMED

.060 CFS
.040 CFS
.100 CFS

DIVERSION QUANTITY

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

REMARKS:

() N
() N

Explain in remarks, below.

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 0.100 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 0.100 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

MEASUREMENT METHOD

FLOW MEASUREMENT

See theoretical Calc.
SEE ATTACHED CALCULATIONS.

= 0.04 cfs

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

OTHER RIGHTS LISTED IN CLAIM: CANAL CO. WATER ☒

NO CLAIMS FOUND WITH SAME POU AND IRRIGATION USAGE

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE ^{0.03}
ACRES 2 x 0.02 CFS/ACRE = 0.06 CFS
(Taken from p/u review)

1b. CALCULATIONS

DOES AMOUNT CLAIMED EXCEED ^{0.03} 0.02 CFS/ACRE? Y() N()

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 6.0 AE/A

ACRES 2 x CONSUMPTIVE VOL. AE/A FOR AREA 3.0 =

TOTAL CONSUMPTIVE USE 6.0 AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

ACRES 2 x DIVERSION VOL. AE/A FOR AREA 4.0 =

TOTAL DIVERSION VOLUME 8.0 AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

Overlap with NSCC shares.

Limited by Well capacity.

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RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
IRRIGATION	03-15 11-15	DATABASE EXAMINER ~~0.060~~ 0.04 ✓	DATABASE EXAMINER 8.0	DATABASE EXAMINER 6.0 ✓
DOMESTIC	01-01 12-31	0.040		
TOTAL FOR THIS RIGHT		~~0.100~~ 0.04		
REVIEWED BY: <i>ADN</i>		DATE: 1/10/91		

517

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FOREFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED	NEEDS REVIEW
(☒)	()
(☒)	()
(☒)	()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 36-04206

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
0.100

EXAMINER

CFS

N/A

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

-

A36-04206

0.100

-

36-04206

0.100

TOTAL CFS

0.100

0.100

DIVERSION RATE REVIEW

DATABASE
Y

FIELD
EXAMINER

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)

REMARKS:

AUTHENTICATION:

SIGNATURE:

NAME OF FIELD EXAMINER:

DATE:

TITLE:

Steve Clegg 10-3-91
1/10/91

MICROFILMED
FEB 01 1993

436-04206

T10S, R20E

13

18

well
House

Lt. 2

Lt. 1

Lt. 3

Lt. 4

Lt. 6

Lt. 5

Lt. 7

Lt. 8

19

T
10
S

20

R 19E

R 20E

MICROFILMED
FEB 6 1969

A36-04206
FAYE STORER
1835E 1200S RT 1



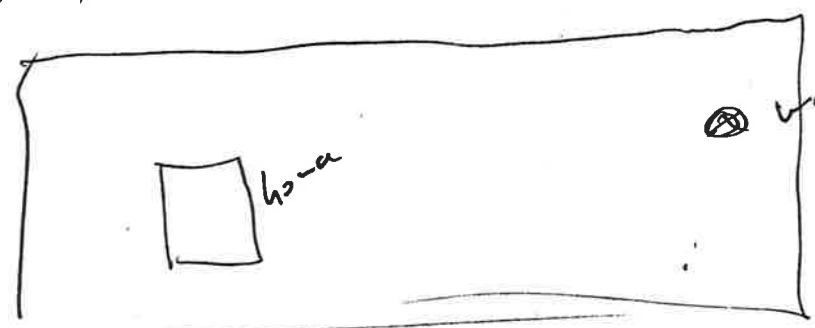
1/20

1 1/2 H.P.s

252' w.r.t

Est.
200' x 800'

other
wells



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GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: A36-04206
DATE: 11/20/90
BY: AD

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (H.P.) \times (EFF.)}{TDH}$

Q = CFS
H.P. = Total Brake Horsepower of pumping plant (including booster)
EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)
TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = depth to water in FEET from land surface to pumping water level
PSI = pumping pressure measured in psi near pump (if open discharge assume zero [0])

$Q = \frac{(8.8) \times (1.5) \times (0.70)}{[(20.5) + (50 \times 2.31)]} = 0.04 \text{ cfs}$

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
measurement ()	measurement ()	Motor Make, Serial or ID
owner ()	owner ()	<u>No plate</u>
area estimate ()	estimate ()	Pump Make, Serial or ID, rating
well logs ()	owner gage ()	
Booster (Y) (N)		

REMARKS _____

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	
3/15 - 11/15	246	(.....) X (1.98) X (.....)
4/1 - 11/1	215	POTENTIAL =
4/15 - 10/15	184	
3/1 - 12/1	276	(.....)

POTENTIAL = _____

REQUIRED Acre Feet/Acre/Annum = _____
(AF/Ann/Ac irrigation requirement from chart for area)
NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()
IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

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