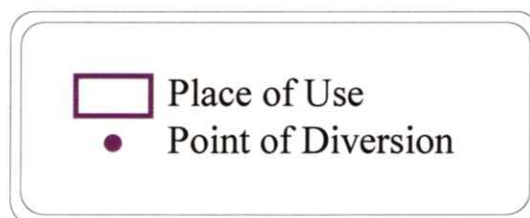
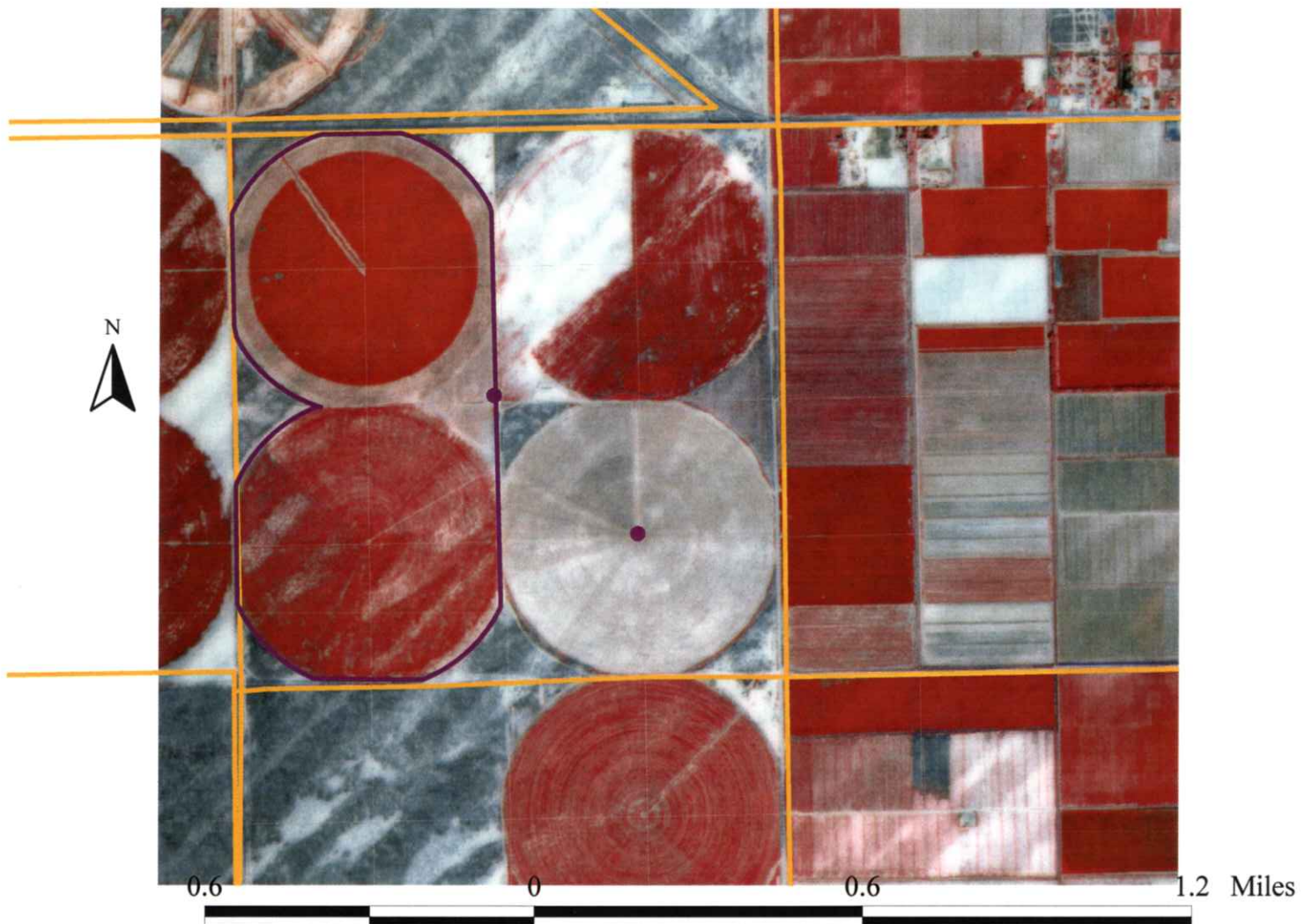


Water Right No. 31-07558

T06N, R34E, Section 19
NW and SW Quarters



VERIFIED BY R. McIntyre
d (D) Number - 17412-9

Water Right Number - R31-07558

Prefix Translation:

Old (D) Number -

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

*** C - CURRENT OWNER ***
CALAWAY

BLAIR

1 - RT 2 BOX 207
2 -
3 -

State- ID Zip- 83440

CALAWAY

VELMA

Phone - 208-356-6291

1 - RT 2 BOX 207

State- ID Zip- 83440

City- REXBURG
Phone - 208-356-6291

+ - -	Priority Date	- - +	+ - -	Region	- - -	+ - -	Stage	- - -	+ - -	Status	- - -
				15 EASTERN			L - LICENSE				
				01/26/1983							

+ - - - - Source - - - - - +
 GROUNDWATER
 + - - - - Tributary - - - - - +

+ + + + +
Point of Diversion - - - - -

Twn	Rng	Sec	Tract	Lot	RFlg	County
-----	-----	-----	-------	-----	------	--------

06N	34E	19	SE SE NW	(51)	JEFFERSON
			SE NW SE	(51)	JEFFERSON

Code	Description	Period From	Water Use	Period To	Diversion Rate	Diversion Volume
------	-------------	-------------	-----------	-----------	----------------	------------------

01 - IRRIGATION	04/15	10/15	3.340	952.00
-----------------	-------	-------	-------	--------

+ - Total Div. Rate - +	+ - Total Div. Volume - +	+ - Total Consumptive Use - +	+ - KW Usage - +
3,340	952.00	680.0	

Town	Rng	Sec	Tract	Lot	Acre	Place of Use	Description	County
+-----+-----+-----+-----+-----+-----+-----+								

06N	34E	19	NE	NW	32.0	01	IRRIGATION	JEFFERSON	(51)
06N	34E	19	NW	NW	32.0	01	IRRIGATION	JEFFERSON	(51)
06N	34E	19	SW	NW	32.0	01	IRRIGATION	JEFFERSON	(51)
06N	34E	19	SE	NW	40.0	01	IRRIGATION	JEFFERSON	(51)
06N	34E	19	NE	SW	40.0	01	IRRIGATION	JEFFERSON	(51)
06N	34E	19	NW	SW	32.0	01	IRRIGATION	JEFFERSON	(51)
06N	34E	19	SW	SW	32.0	01	IRRIGATION	JEFFERSON	(51)
06N	34E	19	SE	SW	32.0	01	IRRIGATION	JEFFERSON	(51)

Total Acres: 272.0

+ - - Diversion Means - 610' WELL WITH 200HP TURBINE PUMP TO MAINLINE AND CENTER PIVOTS

+ - - Non-Irrigation Use -

[illegible]
$$\begin{array}{c} + \\ | \\ | \\ | \\ | \\ | \\ | \\ | \\ | \end{array}$$

+

+ - Decree Date - +
00/00/0000

+

39576

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

02:49:07
09/07/90

12-18-92 *JK*

Remunited A31-07558
CLAIM NUMBER: A31-07590

PAGE: 1
GENERAL INFORMATION

LAST: CALAWAY
ADDRESS: RT. 2 BOX 207
CITY: REXBURG
PHONE NUMBER: 208-356-6291

OWNER CODE: C

FIRST: BLAIR
STATE: ID ID ZIP: 83440

LAST: CALAWAY
ADDRESS: RT. 2 BOX 207
CITY: REXBURG
PHONE NUMBER: 208-356-6291

OWNER CODE: C

FIRST: VELMA
STATE: ID ID ZIP: 83440

FIELD EXAM REQUIRED?

FIELD
EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE
Y

CLAIM REMARKS:

PERMIT WAS LAPSED FOR FAILURE TO PAY EXAM FEE. CLAIMANT PAID
EXAM FEE (SEE RECEIPT E010928) AND IS REQUESTING THAT THE PERMIT
BE REINSTATED BY THE DEPARTMENT.

~~MICROFILMED~~
~~DEC 02 1992~~

CONTACT PERSON: BLAIR CALAWAY PHONE NUMBER: () - -
DATE OF FIELD EXAM: 10 / 30 / 1990 APPOINTMENT MADE: Y () N (☒) TIME: : : A () P ()
ACCOMPANIED BY: KEVIN CALAWAY PHONE NUMBER: () - -
RELATIONSHIP TO CLAIMANT: SON / OPERATOR
DIRECTIONS TO PROPERTY / REMARKS:

SEE B/V EXAM, IN FILE ATTACHED

MICROFILMED
DEC 02 1992

A. AJ CLAIM: # A34-07290 PRIORITY DATE: 01-01-1981 STAGE: P

B. WR RECORD: # 34-07290 PRIORITY DATE: - - STAGE:

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE

Y

FIELD
EXAMINER
SSA

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

REMARKS: EXPECT PRIORITY DATE TO BE ADVANCED DURING REINSTATEMENT PROCESS -

REVIEW LATER

RECOMMENDED PRIORITY DATE: ?

REVIEWED BY SSA DATE 12-4-90

MICROFILMED
DEC 12 1990

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A34-07290	06N	34E	19	~~SE~~ SE	~~NE~~ NW	~~NW~~ SE		JEFFERSON

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:

3407290 THERE IS NO POD ASSOCIATED WITH THIS WATER RIGHT NUMBER

C. FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY? DUE TO SOURCE DISCREPANCY?	(Y/N) (Y/N)	DATABASE Y Y	FIELD EXAMINER 28- 28-
---	----------------	--------------------	---------------------------------

REMARKS:

Source is Groundwater
• P.O.D. See R/U Field Exam

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	LOT	COUNTY
61	34E	19	~~SE~~ SE	~~NW~~ NW		~~SE~~ U

SOURCE: Groundwater
REVIEWED BY: ~~SEA~~

TRIB:

DATE: 12-4-90 / 10-30-90

~~MICROFILMED~~
~~DEC 02 1990~~

A. ROOT WATER RIGHT NUMBERS: A34-07290

B. POI LISTING

TWP RING SEC 1/4 1/4 LOT NAME

06N 34E 19	NE	NW	CALAWAY, BLAIR SHULBERG, KARL H.	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
06N 34E 19	NE	NW	CALAWAY, BLAIR	A34-07290 A34-10023	740.0 /	38.0	Y	32
06N 34E 19	NW	NW	CALAWAY, BLAIR	A34-07290	740.0	732.0	Y	32
06N 34E 19	SW	NW	CALAWAY, BLAIR	A34-07290	740.0	732.0	Y	32
06N 34E 19	SE	NW	CALAWAY, BLAIR	A34-07290	740.0	732.0	Y	32
06N 34E 19	NE	SW	CALAWAY, BLAIR	A34-07290	740.0	732.0	Y	40
06N 34E 19	NW	SW	CALAWAY, BLAIR	A34-07290	740.0	732.0	Y	32
06N 34E 19	SW	SW	CALAWAY, BLAIR	A34-07290	740.0	732.0	Y	32
06N 34E 19	SE	SW	CALAWAY, BLAIR	A34-07290	740.0	732.0	Y	32
TOTAL ACRES				A34-07290	320.00	256.00	147.00	272

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y () N (X)

C. FIELD EXAM REQUIRED?

DUE TO POI DISCREPANCY? (Y/N)

PRESUMPTION FLAG:

REMARKS:

NEED TO VERIFY THAT CORPERS ARE OR ARE NOT IRRIGATED - ONLY IN SENECA/NEED
DONE - SEE B/O EXAM

RECOMMENDATIONS:

TOTAL ACRES: 272

REVIEWED BY: 261

DATE: 6-30-90

MICROFILMED
DEC 2 1989

CLAIM NUMBER: ~~A34-07290~~ A34-072558

A. AJ CLAIMED USES:

PURPOSES
A34-07290 IRRIGATION

MONTH/DAY
FROM 04-01 TO 11-01

DIVERSION QUANTITY

~~6,400 CFS~~

4.97

~~6,400 CFS~~

TOTAL DIVERSION RATE/VOLUME CLAIMED

B. WR RECORDED USES:

PURPOSES

MONTH/DAY

DIVERSION QUANTITY

TOTAL DIVERSION RATE/VOLUME CLAIMED

PRESUMPTION 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

Y Y Y

FIELD EXAMINER

[Signature]
[Signature]
[Signature]

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

REMARKS:

Y() N()

Y() N()

Explain in remarks, below.

See 8/0 exam

~~MICROFILMED~~
DEC 02 1992

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? Y() N(X)

AJ TOTAL CLAIMED DIVERSION RATE: 6.400 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 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

B.

FLOW MEASUREMENT

MEASUREMENT METHOD THEORETICAL

BY EXAM DETERMINED RATE TO
BE 4.97 cfs.

SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: NONE

NO CLAIMS FOUND WITH SAME POU AND IRRIGATION USAGE

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A34-10023	DOMESTIC	SHULBERG, KARL H.	FROM 01-01 TO 12-31	0.00 CFS	
A34-10023	STOCKWATER	SHULBERG, KARL H.	FROM 01-01 TO 12-31	0.130 CFS	

~~MICROFILMED~~
~~DEC 02 1992~~

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE
ACRES 272 x 0.02 CFS/ACRE = 5.44 CFS
(Taken from p/u review)

1b. CALCULATIONS

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

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 800.0 AE/A

ACRES 272 x CONSUMPTIVE VOL. AE/A FOR AREA 2.5 =

TOTAL CONSUMPTIVE USE 680 AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A 3.5

ACRES 272 x DIVERSION VOL. AE/A FOR AREA 20 =

TOTAL DIVERSION VOLUME 546 AE/A

corrected 6-21-94 RME

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:
952.0

SEE ATTACHED SHEET? Y() N(X)

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

~~MICROFILMED~~
~~DEC 22 1992~~

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CES	REC. DIV VOL. AE/A	REC. CONS. USE
1RR	4/1 11/1	4.97	816	680
		4.97	816	680
TOTAL FOR THIS RIGHT				

REVIEWED BY: 28v DATE: 12-4-90/10-30-90

condition A01

MICROFILMED
DE 2 1992

CLAIM NUMBER: ~~A34-07290~~ A31-0755-8

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FORFEIT/ABANDON
ADDITIONAL DIV. AMOUNT

ACCEPTED
AS CLAIMED
()
()
()

NEEDS
REVIEW
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: ~~A34-07290~~ A31-0755-8

TOTAL DIVERSION RATE OF WR SPLITS

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

DATABASE

EXAMINER
6.40

CES

A34-07290

6.400

TOTAL CES

6.400

NO SPLIT

DIVERSION RATE REVIEW

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

DATABASE
N

FIELD
EXAMINER
-187-

REMARKS:

NO SPLIT / ENTIRE RIGHT CLAIMED

AUTHENTICATION:

SIGNATURE:

NAME OF FIELD EXAMINER:

DATE: 4-11-91

TITLE: SR. WATER AGENT

MICROFILMED
DEC 12 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

02:49:07
09/01/90

PAGE: 11
QUICKLOOK INFORMATION

CLAIM NUMBER: A31-07558
A31-07590

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	Y		SB 12-4-90	Y	6		SB 4-11-91	SB 4-11-91
POINT OF DIV	Y		SB 10-30-90	Y	5, 2, 4		SB 4-11-91	
SOURCE	Y		SB 10-30-90	N	5			
PLACE OF USE	Y		SB 10-30-90	Y	5, 2, 4		SB 4-11-91	
DIV. AMOUNT CFS/VOLUME	Y		SB 10-30-90	Y	5		SB 4-11-91	
CONSERVATION USE	-			Y	6	SB 4-11-91	SB 4-11-91	
PURPOSES	Y		SB 10-30-90	N	6			
PERIOD OF USE	Y		SB 10-30-90	N	6			
BASIS OF CLAIM	Y		SB 10-30-90	N	6			
REMARKS	Y							

VERIFIED BY CODES

TOPO MAP/ORTHO-PH = 1
ASCS MAP = 2
WATERMASTER RECORDS = 3
NAPP 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.

MICROFILMED
DEC 02 1992

A31-07558
~~A31-07250~~

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
CALAWAY

BLAIR

1 - RT 2 BOX 207

State- ID Zip- 83440

City- REXBURG
Phone - 208-356-6291

VELMA

1 - RT 2 BOX 207

State- ID Zip- 83440

City- REXBURG
Phone - 208-356-6291+ - - Priority Date - - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
01/26/1983 15 EASTERN L - LICENSE+ - - - - Source - - - - + + - - - - - Tributary - - - - - +
GROUNDWATER+ - - - - - - - - - - - Point of Diversion - - - - - Stream Index (Blank if no Index Code) - - - - - +
TwN Rng Sec Tract Lot RFlg County06N 34E 19 SE SE NW (51) JEFFERSON
06N 34E 19 SE NW SE (51) JEFFERSON+ - - - - - - - - - - - Water Use - - - - - Diversion Rate Diversion Volume - - - - - +
Code Description Period From Period To

01 - IRRIGATION

04/01

11/01

3.340

816.00

+ - - Total Div. Rate - + + - - Total Div. Volume - + + - - Total Div. Capacity - + + - - Total Consumptive Use - + + - - KW Usage - +
3.340 816.00 816.00 680.0+ - - - - - - - - - - - Place of Use - - - - - Description - - - - - County - - - - - +
TwN Rng Sec Tract Lot Acres Code

06N	34E	19	NE NW	32.0	01	IRRIGATION	(51) JEFFERSON
06N	34E	19	NW NW	32.0	01	IRRIGATION	(51) JEFFERSON
06N	34E	19	SW NW	32.0	01	IRRIGATION	(51) JEFFERSON
06N	34E	19	SE NW	40.0	01	IRRIGATION	(51) JEFFERSON
06N	34E	19	NE SW	40.0	01	IRRIGATION	(51) JEFFERSON
06N	34E	19	NW SW	32.0	01	IRRIGATION	(51) JEFFERSON
06N	34E	19	SE SW	32.0	01	IRRIGATION	(51) JEFFERSON

Total Acres: 272.0

+ - - Diversion Means - 610' WELL WITH 200HP TURBINE PUMP TO MAINLINE AND CENTER PIVOTS

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

MICROFILMED
DEC 02 1992

Prefix Translation: RESEARCH

~~MICROFILMED~~
~~DEC 02 1982~~

State of Idaho
Department of Water Resources

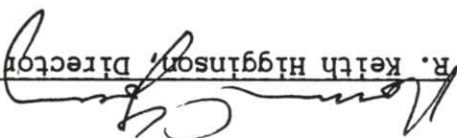
RECEIVED
JAN 15 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 34-07290

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 24th day of October, 1991.

Acting for

R. Keith Higginson, Director

RECORDED
JAN 15 1992

POOR ORIGINAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

COPY

A31-07558

A. GENERAL INFORMATION

Permit No. 34-07290

1. Owner: BLAIR CALAWAY Phone No. 356-6291
Current Address: RT. 2 Box 207, REXBURG, ID. 83440

2. Accompanied by: KEVIN CALAWAY (MET ON SITE) EXAM. DATE: 10-30-90
Address: N/A Phone No. N/A
Relationship to Permit Holder: SON

3. Source: GROUNDWATER tributary to _____

Phone No. 356-6291

Relationship to Permit Holder: Son

3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE

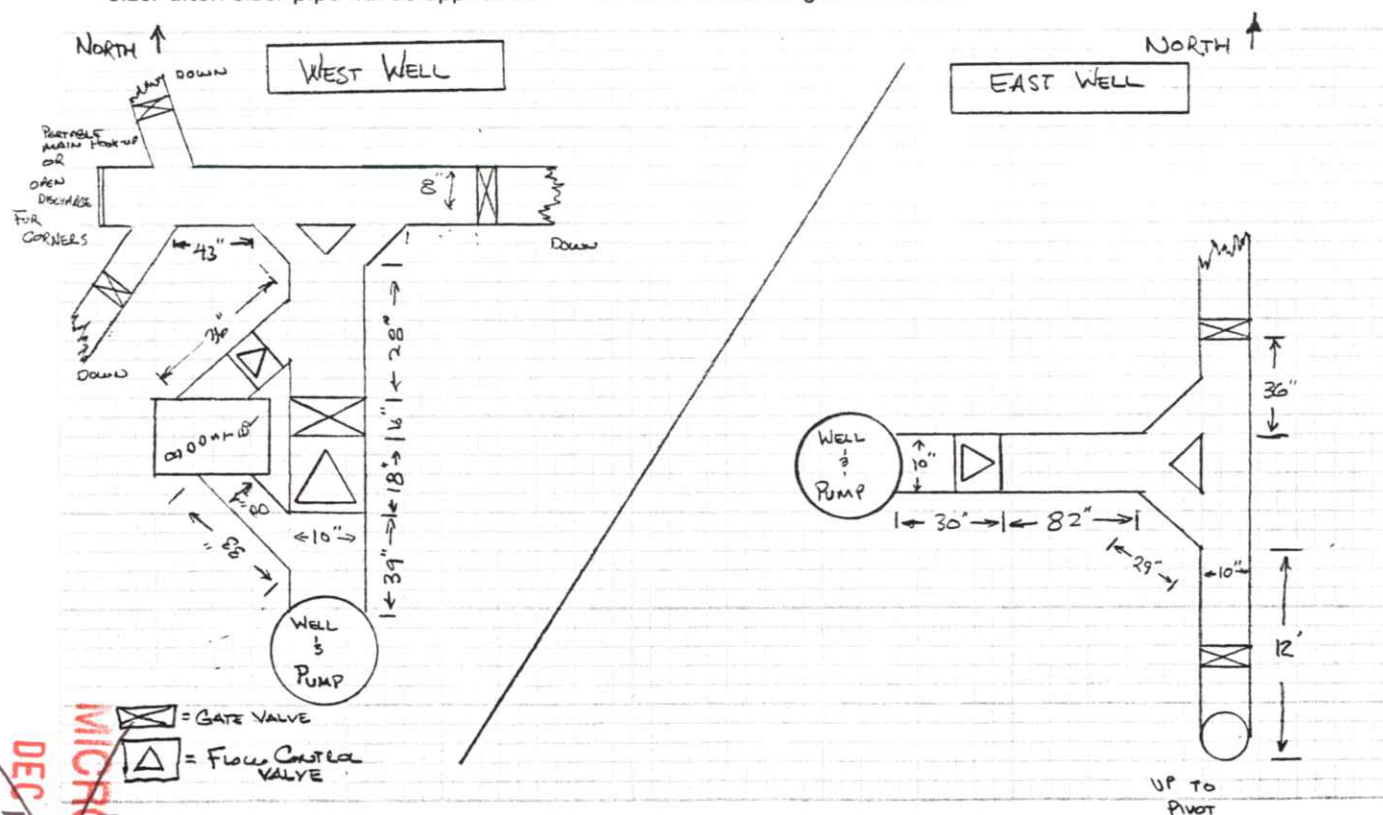
☐ Copies Attached

2. Other water rights with same point of diversion: 34-07404

☐ 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" = _____.

- ☒ 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).

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

POOR ORIGINAL

Two users w/ pumps deliver water into a common mainline. The buried mainline delivers water to 4, 1/2" main radius gated pivots. There are no center systems on any of the pivots. Risers, off of the mainline, are used in conjunction with an 8" portable mainline to irrigate the pivot corners in the SE 1/4. NE 1/4 SE 1/4, SE 1/4 NW 1/4 and NE 1/4 SW 1/4 of Section 19. Rises are in the SE 1/4 NW 1/4 and NW 1/4 NE 1/4 SE 1/4 of Section 19. None of the other corners are irrigated.

☒ 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
West Well	U.S. Motors	200	C1006285	Johnson	10"
" " BOOSTER	U.S. Motors	75	C5460-00-386	UNKNOWN	2568756
East Well	U.S. Motors	150	R-6502-06-150	UNKNOWN	10"

*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
West	SE	SE	NW	19	6N	34E	SEFF.	SEFF.	OLD-SITE / APP
East	SE	NW	SE	19	6N	34E	SEFF.	SEFF.	OLD-SITE / APP

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	Totals
6N	34E	19																272
6N	34E	19																270

031-07558
34-07290

34-07404

A31-07558

Q6ZLO-1934

CRYSTAL LANE

2500 3700

N
9
11

NOV 21 1954

• **अर्थ**

Point of
Divergence

REACTOR TESTING STATION

10/11/19

34-07401
07290 031-07558
===== = MATHUVE (802120)

SECRET

POINT OF DIVERSION

POINT OF DIVERSION

ROUTE
N 61

SECRET

NAPP PHOTO W88N15
@ 100%

MICROFILMED
DEC 02 1982

ATTACHMENT TO FIELD EXAMS 34-07290
FOUR 131/04558
AND 34-07404. FLOW CALCULATIONS.

• GIVEN: SYSTEM OPERATING PRESSURE = 65 PSI

STATIC PUMPING LEVEL = 175'

• THEORETICAL PUMPING CAPACITY = $Q = \frac{\text{HEAD} + (\text{PSI} \times 2.308)}{(HP)(8.814)(E)}$ cfs

West Well: HP = 200 PSI = NULL (DUE TO BOOSTER)

$$Q = \frac{(200)(8.814)(.70)}{175 + (0 \times 2.308)} = \frac{117.768}{175} = 0.673 \text{ cfs}$$

65 cfs
3.80

EAST Well: HP = 150 PSI = 65

$$Q = \frac{(150)(8.814)(.70)}{175 + (65 \times 2.308)} = \frac{92.553}{323.093} = 0.286 \text{ cfs}$$

6.65 cfs
As Licensed

$$\text{TOTAL ESTIMATED SYSTEM CAPACITY} = \frac{6.65}{9.90 \text{ cfs}}$$

• REGULATORY REQUIREMENT: 542 ACRES 198.

$$V_{1.0} = (542 \text{ ACRES})(3 \text{ AFA}) = 1626 \text{ AFA}$$

$$V_{0.9} = (9.90 \text{ cfs})(214 \text{ DAYS})(1.9835) = 4202 \text{ AFA}$$

$$V = \text{LIMITED TO REGULATORY REQUIREMENT} = 1626$$

• DIVERSION RATES: 542 ac @ 9.90 cfs = 0.018 cfs/ACRE DIVERSION RATE

$$\therefore 31-07290 \text{ for } 272 \text{ ac} = 4.97 \text{ cfs } 8.34$$

$$31-07404 \text{ for } 270 \text{ ac} = 4.93 \text{ cfs } 3.34$$

6.65 cfs

MICROFILMED
DEC 22 1992

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

Field Examiner's Name Eric S. Veever
Signature [Signature]
Certification Date _____
Field Report Preparation Date Oct 31, 1990
CONSULTANT SEAL

J. AUTHENTICATION

2. Recommended Amendments
- ☒ Change P.D. as reflected above
☐ Change P.U. as reflected above
☐ Add P.U. as reflected above
☐ None
☒ Add P.D. as reflected above

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Division	Annual Volume
1896710101	From 4/1 To 11/1	4.97 cfs	816
		3.34	
		4.97	
		3.34	
		816	

Totals: 4.97 3.34 816

I. RECOMMENDATIONS

H. REMARKS AND OVERLAP REVIEW ANALYSIS

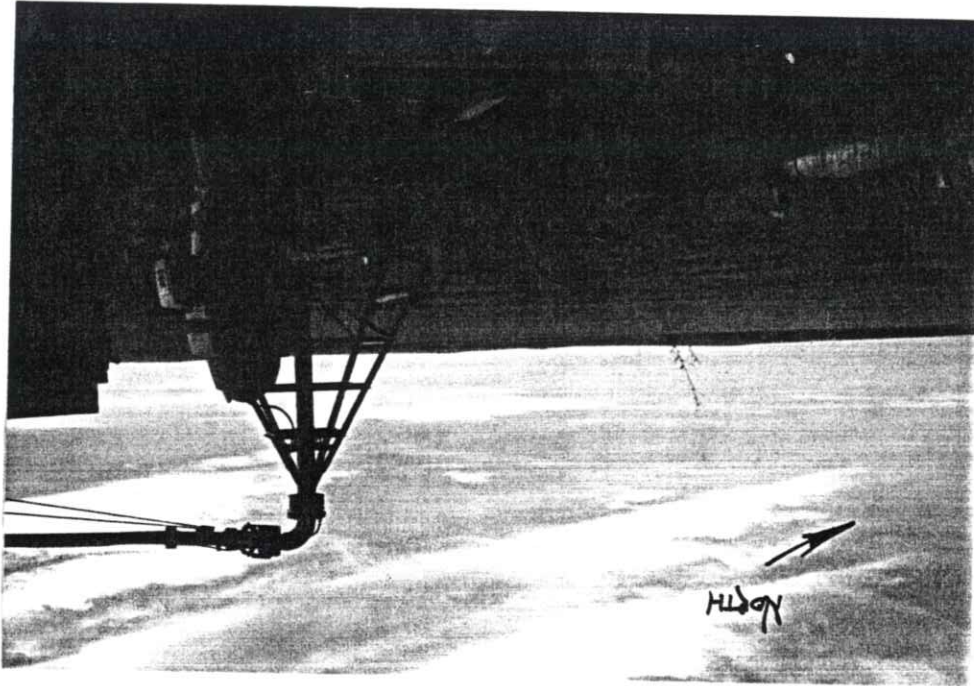
According to Kevin Calaway, the system always operates at a pressure of 65 PSI. Static water level is estimated to be 175', the Pump bowls are set at 320'.

NOT ORIGINAL

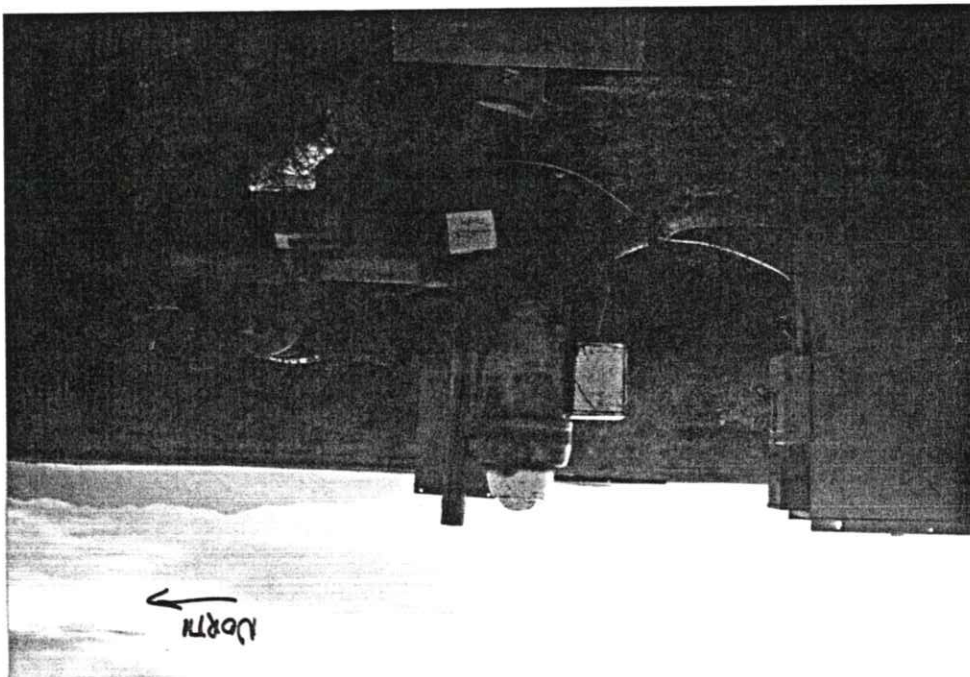
~~MICROFILMED~~

~~DEC 02 1992~~

EAST WELL



WEST WELL



POOR ORIGINAL

#34-07404
34-07290
A 31-07558