

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-7521A

Exam Date: 5/8/2013

1. Current Owner: PARKINSON FARMS INC
124 E 2 N
REXBURG ID 83440

Taxlot Owner: Riverside Farms, 1908 East 500 North, St. Anthony, ID 83445

2. Accompanied by: N/A

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 22-2269

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE1/4NW1/4 Sec. 33, Twp 06N, Rge 41E, B.M. MADISON County

Method of Determination: Aerial photography

2. PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
06N	41E	29	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	15.0

Total Acres: 15

Method of Determination: Aerial photography

3. ☒ Delivery System Diagram Attached (required).
☐ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use.
☐ Aerial Photo Attached (required for irrigation of 10+ acres).
☐ Photo of Diversion and System Attached

D. FLOW MEASUREMENTS

Measurement conducted during 1972 field exam for water right 22-2269. Examiner found diversion rate of 6.99 cfs. At that time, diversion consisted of a 600 hp pump. Since that time, a 200 hp booster pump has been added to the system, increasing system capacity by at least 0.30 cfs.

E. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 15 \text{ acres} \times 3.5 \text{ af/acre} = 52.5 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.30 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 127.3 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 52.5 \text{ af}$$

F. NARRATIVE/REMARKS/COMMENTS

Permit 22-7521 described a single point of diversion in the SWSW of Sec 29, T06N, R41E. This was the same point of diversion as water right 22-2234. In 1972, a field exam was conducted for right 22-2234. The examiner estimated a diversion rate of 6.33 cfs based on the size of and number of sprinklers. The field exam showed that much of the place of use for Permit 22-7521A was being irrigated in 1972 above and beyond the acres authorized under Permit 22-2234.

Proof of Beneficial Use was submitted for Permit 22-7521 in 1990. Permit 22-7521 was split into 22-7521A and 22-7521B in 1993. Shortly thereafter, Permit 22-7521A was amended to change the point of diversion from the well in Sec 29 to a ground water well in the SENW of Sec 33, T06N, R41E. As described above, the new well (which also diverts water under right 22-2269) had the capacity to pump an additional 0.30 cfs.

The place of use for Permit 22-7521A has been irrigated since the 1970s. The only question is what rate should be listed on the water right license. A field exam should have been conducted in 1993 to determine how much rate had been developed and could be moved to the new well. No exam was completed – the water user was allowed to move the full 0.30 cfs. Fairness requires the Department to accept the previous approval and issue the license for the full 0.30 cfs.

Have conditions of permit approval been met? ☒ Yes ☐ No

G. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.300 CFS	52.50 AF
<u>Totals:</u>		0.300 CFS	52.50 AF

2. Recommended Amendments

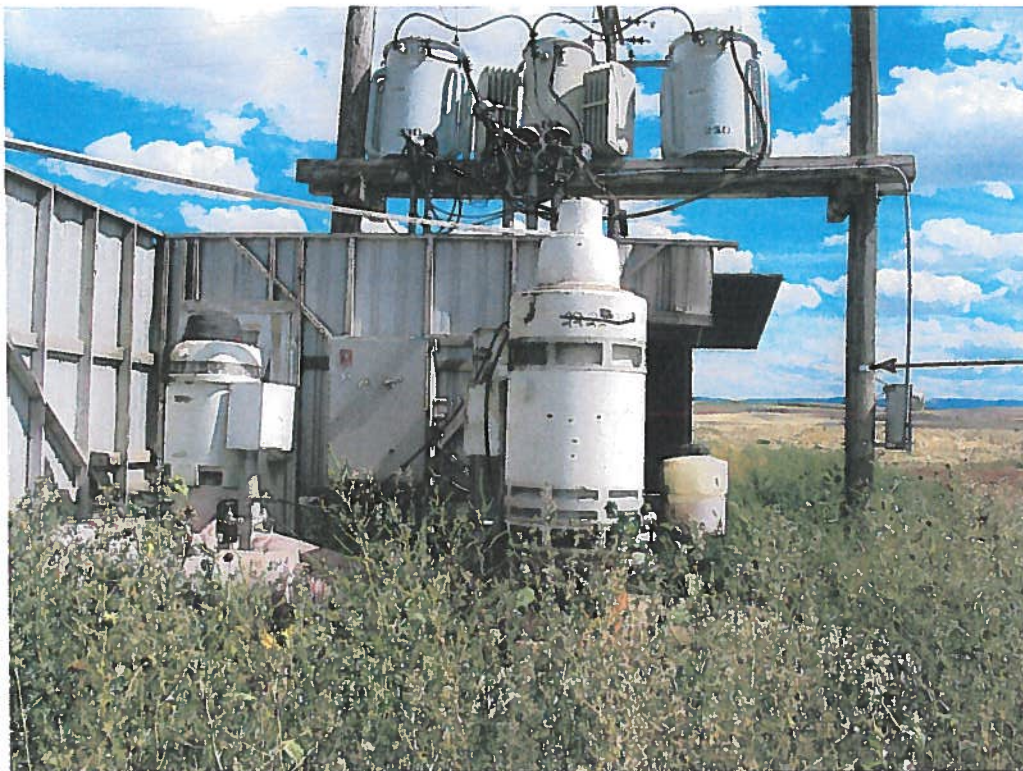
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

H. AUTHENTICATION

Field Examiner's Name DAVE CARLSON Date 5/8/2013

Reviewer _____ Date _____



GPS
Tag

Tag # A0015953 Location: on power pole

Diversion Data:

Source: Groundwater Trib to: _____

MOTOR

Make: GE Model: _____ Hp: 600
SN: KG5102/014 Booster- U.S. Motors 200hp
SN- C1516-01-272-J

PUMP

Make: Layne-Bowler Model: _____ Disch: _____
SN: D16086 Booster Pump - Layne + Bowler
SN D39122

NOTES: trace/purchase group

New owner is Riverside Farms c/o George Cropp. Cell phone 313-6301.
I gave him a change of ownership form to use. George called & said there was a year
to go before purchase. Claimant should be Parkinson Farms c/o Reiss Parkinson, 124 E. 2nd N.
System is well, pump & booster to pivots. George has not yet seen
P.O.U. map. Reiss, ID

Field Exam Date: 9-8-2005 Agent: HW Jones



Idaho Department of Water Resources

Water Right
22-7521a
(IRRIGATION)

● Point of Diversion



Place of Use



State Outline



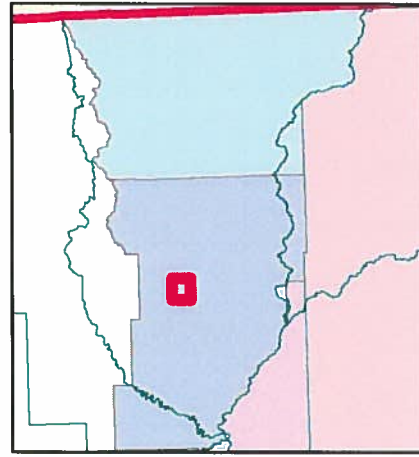
Townships



PLS Sections



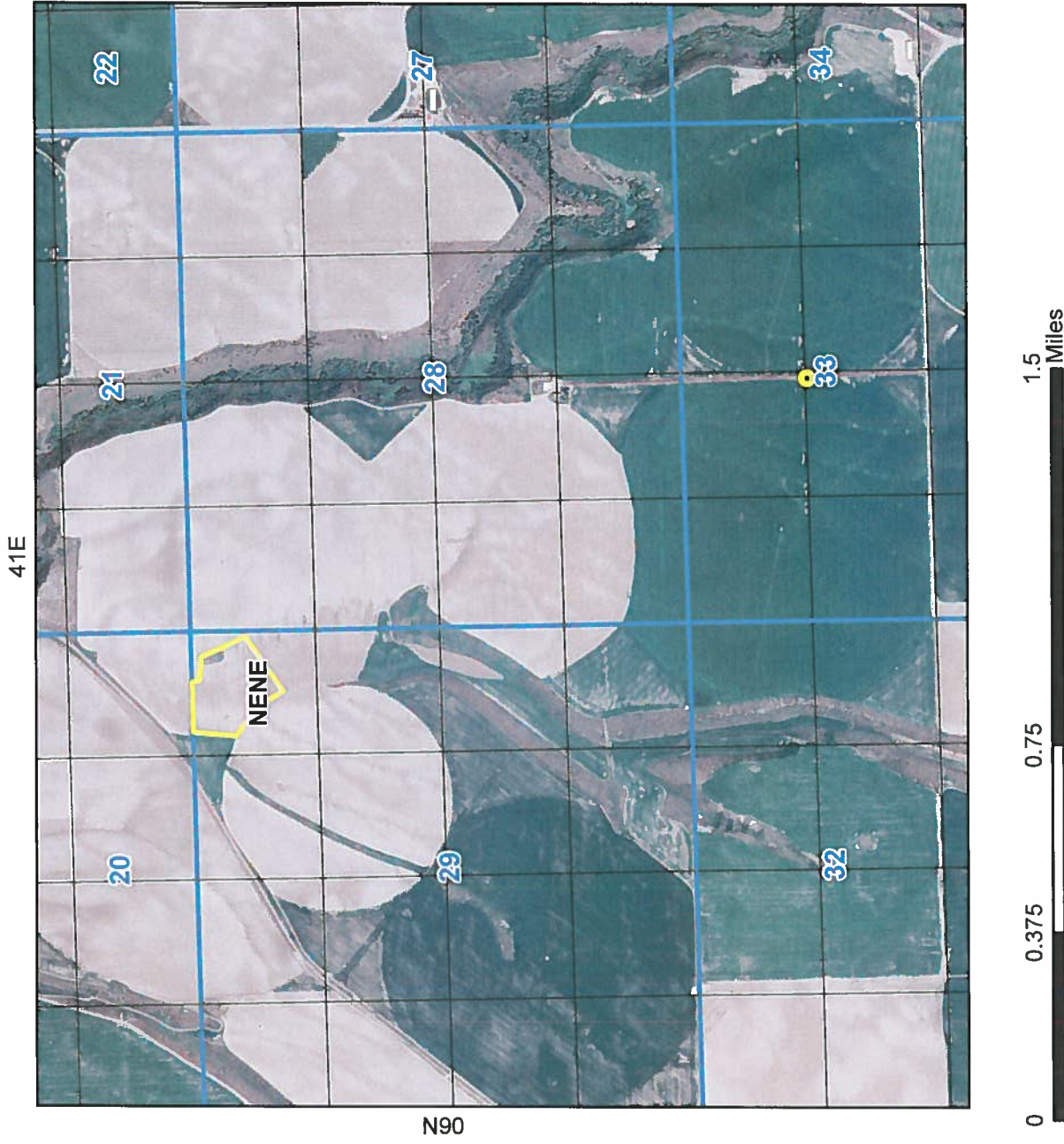
Quarter Quarters



Madison County
IDWR Basin 22

Prepared by Carlson, Dave

2009 Aerial Photography



State of Idaho
Department of Water Administration

LICENSE OF WATER RIGHT

License of Water Right No. 32156/22-2234 Priority Dec. 16, 1964 Amount 6.33 cfs

THIS IS TO CERTIFY, that A. LeRoy Jeppesen
of Rexburg, Idaho, has complied with the terms and conditions of Permit
No. 32156/22-2234 issued pursuant to Application for Permit dated December 16, 1964,
and has submitted proof to the Department of Water Administration on July 18, 1966
that he has applied water to a beneficial use; an examination by the Department indicates that the
works have a capacity of 6.33 cfs, and that the water has in fact been applied to a
beneficial use; a right to the use of water from a ground water source
tributary of _____, is hereby confirmed in the following amounts:
Amount 6.33 cfs for Irrigation from April 1 to Nov. 1 (both dates inclusive)
Amount _____ for _____ from _____ to _____ (both dates inclusive)
Amount _____ for _____ from _____ to _____ (both dates inclusive)
Subject, however, to the condition that no more than 6.33 cfs of water be diverted at
any one time, said waters to be diverted within the _____

SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 29, Twp. 6 N, Rge. 41 E, B.M.

in the county of Madison; and that the amount of water so diverted and to which such
right is entitled and confirmed is for the purposes aforesaid and is limited to the amount which can
actually be beneficially used and shall not exceed 1,680 acre feet per year or _____
3.5 acre feet per acre.

Description and location of place of use:

TWP.	RANGE	SEC.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTALS
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
6 N	41 E	29					9	26	36	39	40	38	38	40		29	25		320
		32						40	40										80
		31	40			40													80

Total number of acres irrigated 480

The right to the use of the water hereby confirmed is restricted and appurtenant to the lands
or place of use herein described, as provided by the laws of Idaho.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 27 day of
November, 19 72.


Director

22 2234

July 17, 1972

Mr. A. LeRoy Jeppesen
Route # 2
Rexburg, Idaho 83440

Dear Mr. Jeppesen:

A representative of this Department has made an examination of the works covered by your Permit No. 32156/22-2234 and has found the following:

Quantity of water diverted: 6.33 cfs

Amount of water that can be recognized as beneficially used under Idaho law: 6.33 cfs

The maximum quantity diverted shall not exceed 1,680 acre feet per year.

Beneficial use: Irrigation of 480 acres within the $W\frac{1}{2}$, $W\frac{1}{2}SE\frac{1}{4}$, Sec. 29; $W\frac{1}{2}NW\frac{1}{4}$, Sec. 32; $E\frac{1}{2}NE\frac{1}{4}$, Sec. 31; Twp. 6 N, Rge. 41 E, B.M.

Point of diversion: $SW\frac{1}{4}SW\frac{1}{4}$, Sec. 29, Twp. 6 N, Rge. 41 E, B.M.

Priority date established: Dec. 16, 1964

The lands found being irrigated by our field examiner differ from those lands listed under your permit, therefore, it will be necessary for you to amend the permit before a license can be issued. We are enclosing a partially completed application for amendment form for your use. Please sign the application and return it to this office with a \$10.00 filing fee.

Please be advised that there is a \$33.00 licensing fee due, therefore, the application for amendment along with a total fee of \$43.00 must be submitted within 30 days of the date of this letter in order that the Department can issue you a water license as set forth above. If you do not concur with these findings, please contact us within the 30 day limit.

Our field examiner also found additional acreage being irrigated that is not covered under the above mentioned permit. You should be aware that any ground water development after March 25, 1963, must be by means of a valid permit. We are enclosing a partially completed application for permit form for your use in this matter. If you have any questions, please contact us.

Sincerely,

BOBBY D. FLEENOR
Assistant Director

22 2234

BDF:DR
Enc: Amendment app.
Permit app. w/ins.

Check up a hand indicated
Looks like the hand should be
the SW 1/4 Sec 32 instead of SE 1/4 sec
18.

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF EXAMINER

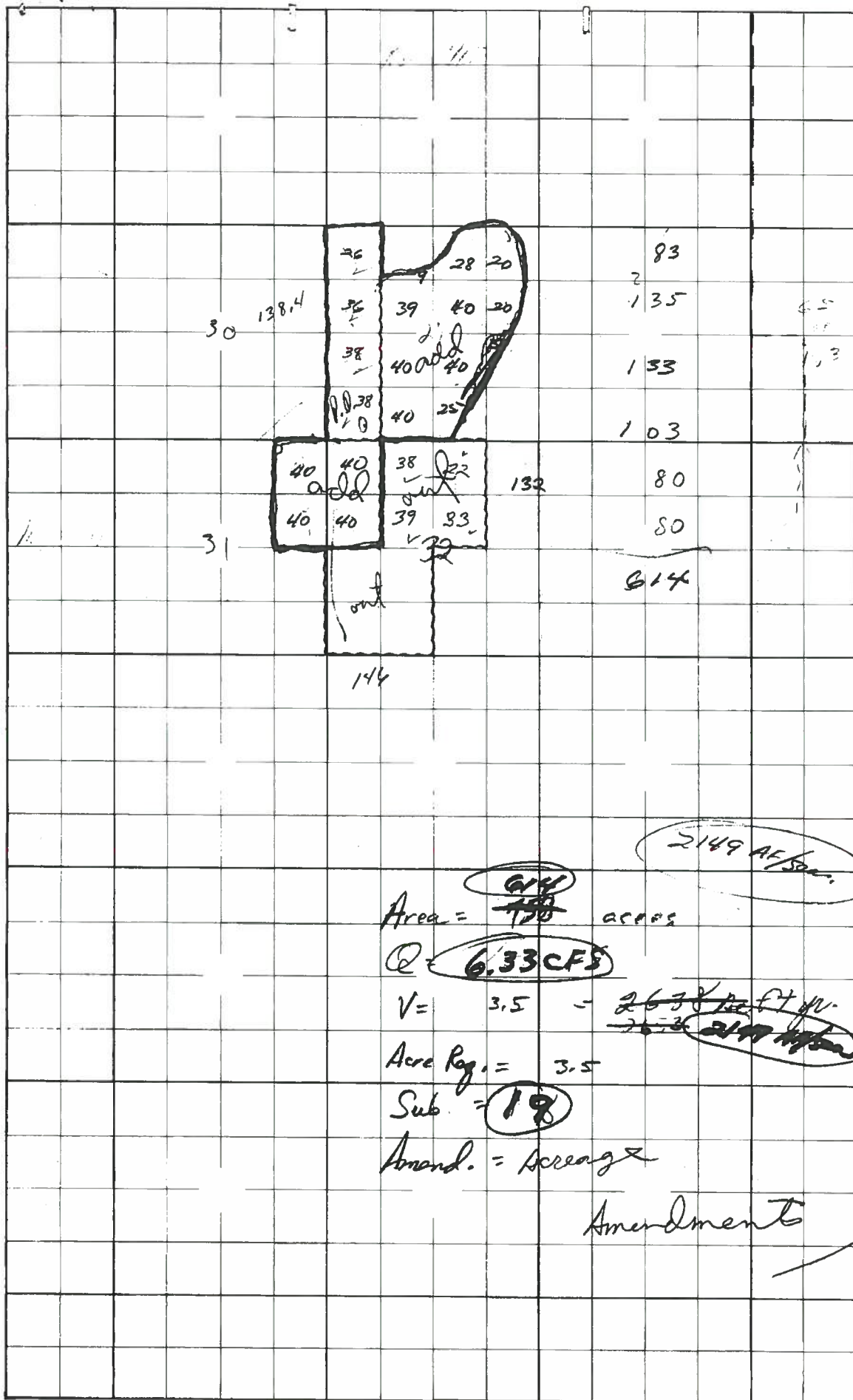
PERMIT NO. G-32156/22-2234

REPORT ON PROOF OF Completion of Works & Beneficial Use

#1 Jeppesen
GE motor
400 H.P
Model: 3K6318XC41A
Serial: FAI 602005
-140V 475 A 1775 RPM
Peculiar Pump
Ser # 208466
100 lbs pressure T pump
Booster pump has been affected
and plates worked in pipe

20 @ 40
5/32

out ~~AX~~ HJ Randall
GE 500 HP motor
Model 460/ ~~55~~ Volts
1775 RPM
Serial # J1426996
Lagney & Bowler Pump
Ser # D24843B
No Booster
12" discharge through
check Valve + Gate Valve
12' West to Buried
Mainline (common with
PP #1)



STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF EXAMINER

Permit No. G-32156 / 22-2234

This proof is for Completion of Works & Beneficial Use In Water District No.

1. Name of applicant A. LeRoy Jeppesen

2. Source of water supply: Subterranean

3. Location of point of diversion: Is in the SW 1/4 of Section 29

T. 6 N R. 41 E, B.M. County of Madison

4. Describe works as they exist, giving dimensions and capacities of same: General Electric
400 H.P. FAJ 602005 Peerless 208466
10" Discharge



see latest pump data on front page
JCB
Booster Pump G.E. 100 H.P. G.A.J. 7/14/57
Peerless Pump No. Ser. H.

5. Water is used for: Irrigation purposes

6. State whether or not water has been turned into works of diversion: yes

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

~~NE 1/4, NW 1/4, SE 1/4, SW 1/4, S. 29, T. 6 N, R. 41 E, B.M.~~

~~NE 1/4, NW 1/4, SE 1/4, SW 1/4, S. 32, T. 6 N, R. 41 E, B.M.~~

W 1/2 NW 1/4, S. 29, T. 6 N, R. 41 E, B.M.

W 1/2 E 1/2 NW 1/4, S. 32, T. 6 N, R. 41 E, B.M.

The system operates 20 lines 5/32 heads at an
average 40 psi $Q = (20)(32)(4.45)/450 = 6.33$ CFS
The land was planted in potatoes and grain

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?

Remarks: Booster not on

Snake River Equipment 2400 G.P.H.
Amend: Add NE 1/4, W 1/2 SE 1/4, NE 1/4 SE 1/4, E 1/2 NW 1/4, E 1/2 SW 1/4
all in sec 29. Add: W 1/2 NW 1/4 Sec 32 Add: E 1/2 NE 1/4 Sec 31

Drop: E 1/2 NW 1/4, W 1/2 NE 1/4, SE 1/4
all in Sec 32
Booster has been removed
and pipes have been
removed where booster
has been.

This examination was made on the 20 day of July, 1968

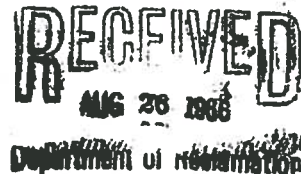
(Signed) James B. ... Examiner. D.L.

76

2031

mt
9-15-70

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
Boise, Idaho
Permit No. G-32156



PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

and Completion of Works
DEPOSITION OF HOLDER

Ques. 1. State your name, residence occupation and postoffice address: _____

A. LeROY JEPPESEN, Route 2, Rexburg, Idaho, farmer, P. O. Address:
Route 2, Rexburg, Idaho

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf:

Ques. 3. State number, approval date of permit, and date of priority: _____

Permit No. G-32156, approved 12-22-64, date of priority 12-22-64

Ques. 4. State source of water supply: subterranean
Give location of point of diversion, showing subdivision, section, township and range
SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 29, Twp. 6 N., R. 41, E.B.M., Madison County, Idaho.

Ques. 5. Describe your works of diversion: Deep Well, pump, mainline,
laterals and sprinklers; state amount of water they are capable of conveying from point of diversion to place of use: 9.6 cfs; Give name of canal or ditch or other works by which water is conducted to such place of use: None

_____ ; if a well, state depth of well 560'; depth and size of casing 18" 400'; depth to water 240'; if pump is used, state discharge of pump: 3500 gal. per minute, tell how it was measured or determined _____
engineers who designed the well; if sprinkler irrigation, give number and size of nozzles and operating pressure: 550 5/32 - 70 lbs. approximately

Ques. 6. State for what purpose water is used: irrigation
(If for irrigation, name each subdivision in which used and number of acres in each subdivision that have actually been irrigated with said water:

NW $\frac{1}{4}$ NW $\frac{1}{4}$ (40), SW $\frac{1}{4}$ NW $\frac{1}{4}$ (40), NW $\frac{1}{4}$ SW $\frac{1}{4}$ (40), SW $\frac{1}{4}$ SW $\frac{1}{4}$ (40), all in Sec. 29, Twp. 6 N., R. 41, E.B.M. NE $\frac{1}{4}$ NE $\frac{1}{4}$ (40), SW $\frac{1}{4}$ NE $\frac{1}{4}$ (40), NE $\frac{1}{4}$ NW $\frac{1}{4}$ (40), SE $\frac{1}{4}$ NW $\frac{1}{4}$ (40), NE $\frac{1}{4}$ SE $\frac{1}{4}$ (40), NW $\frac{1}{4}$ SE $\frac{1}{4}$ (40), SW $\frac{1}{4}$ SE $\frac{1}{4}$ (40), SE $\frac{1}{4}$ SE $\frac{1}{4}$ (40), all in Sec. 32, Twp. 6 N., R. 41, E.B.M., Madison County, Idaho

32156 D