

Water Right No(s). 422-7184

See Attached photos

GPS DATA:

Tag # A0000232 Location: on air unit

GPS date 2686535 GPS file - 227184
1393901

Diversion Data:

Source: Groundwater Trib to: _____

MOTOR

Make: U.S Motors Model: _____ Hp: 600

SN: ID# CD005028 *Also 150hp U.S. Motors Booster
SN CG7172 304 - Aurora Pump

PUMP

Make: Johnston Model: _____ Disch: _____

SN: Rubbed off

NOTES:

New owners are Guy & Keith Erikson (Phone # 356-6372, 356-5251).
Keith was on-site with me & I gave him a change of ownership form.
System is a well pump & booster to 12" mainline to 5 pivots.
Keith says place of use shape is correct.

Field Exam Date: 5-19-2005 Agent: D. Williams



GPS
Tag

A22-7184, Looking South



A22-7184 Motor tag

Claim Number: _____

Water Right Point of Diversion: T _____, R _____, Sec. _____, _____, _____, _____, County: _____

Water Right Point of Diversion: T _____, R _____, Sec. _____, _____, _____, _____, County: _____

Twtp	Rge	Sec	Gov Lot	QQQ of QQ of Q	County	Source	Tributary to

Twp	Rge	Sec	Gov Lot	QQQ of QQ of Q	County	Source	Tributary to

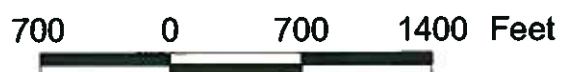
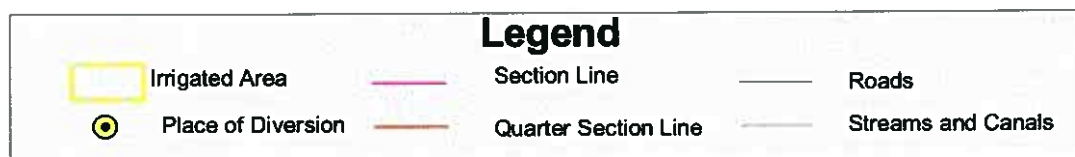
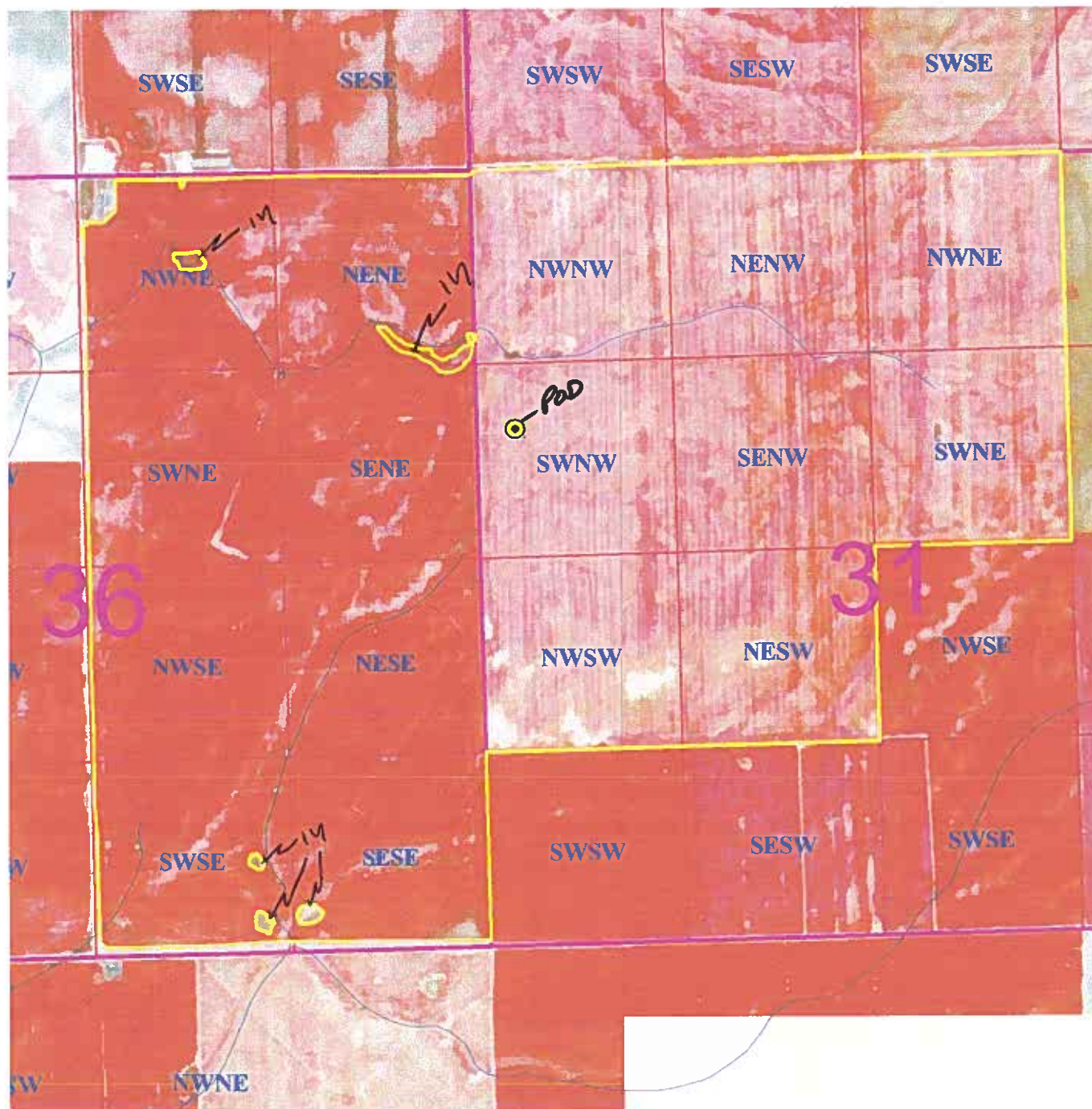
Transfers Pending or approved: _____

[illegible]

Reviewer: _____ Date: _____

Water Right Claim Number 22-07184
Townships , 5N41E, 5N40E

07/06/2001



SPATIAL
DYNAMICS

Claim Number: _____

[illegible]

Total acres _____

[illegible]

Total acres _____

Pending or approved Transfers: _____

Overlapping rights: _____

Document how the POU was verified:

[illegible]

Reviewer: _____ Date: _____

Claim Number: _____

Water Use	Start	End	Rate	Volume
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Overall Diversion Rate _____ Overall Diversion Volume _____

Water Use	Start	End	Rate	Volume
-----------	-------	-----	------	--------

Three sets of empty primary-ruled lines for handwriting practice. Each set consists of a solid top line, a dashed midline, and a solid bottom line, with a vertical margin line on the left.

Overall Diversion Rate _____ Overall Diversion Volume _____

Water Use	Start	End	Rate	Volume
-----------	-------	-----	------	--------



Overall Diversion Rate _____ Overall Diversion Volume _____

Document how the Period of Use and/or Diversion Rate were verified:

[illegible]

Reviewer: _____

Date: _____

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 22-07184

Priority: April 14, 1976

Maximum Diversion Rate:
Maximum Diversion Volume: 1

5.22 CFS
2215.5 AF

This is to certify, that CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS

REXBURG E. STAKE

648 S. 5TH W.

REXBURG, ID 83440

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 14, 1976; and has submitted Proof of Beneficial Use on October 25, 1982. An examination indicates that the works have a diversion capacity of 5.220 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	5.22 CFS	2215.5 AF

LOCATION OF POINT(S) OF DIVERSION: SWNW, Sec. 31, Township 05N, Range 41E
MADISON County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
05N	40E	36	NENE 39	NWNE 40	SWNE 40	
			SENE 39	NESE 39	NWSE 40	
			SWSE 40	SESE 39		316
	41E	31	NWNE 40	SWNE 40	NENW 40	
			LOT 1(NWNW) 39	LOT 2(SWNW) 39	SENE 40	
			NESW 40	LOT 3(NWSW) 39		317

Total number of acres irrigated:

633

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 reflect cropping patterns or acceptable standards of water delivery 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.

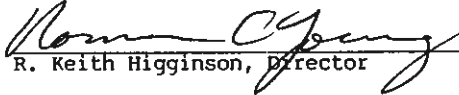
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FEB 13 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 22-07184

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 1st
day of February, 1990.


R. Keith Higginson, Director

RECORDED

FEB 13 1990

22 7184

Identification No. _____

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho
 (TYPE OR PRINT IN INK)

- Rexburg Idaho and Rexburg Idaho East Stake of
 the Church of Jesus Christ of Latter-day Saints,
 a corporation sale
1. Name of applicant a corporation sale Phone: _____
 post office address c/o President Mark Ricks, Route #1, Rexburg, Idaho 83440
Don Rydatch 648 S 5TH AVE
2. Source of water supply 1 well which is a tributary of _____
3. a. Location of point of diversion is SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 31 Township 5N
 Range 41 E B.M. Madison County; additional points of diversion if any: _____
- b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
 of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
 Amount 12.8 cfs for irrigation purpose from April 1 to Oct. 15 (both dates inclusive)
(cfs or acre-feet per annum)
 Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
 Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
 a. 12.8 cubic feet per second and/or
 b. _____ acre feet per annum.
6. Proposed diverting works:
 a. Description of ditches, flumes, pumps, headgates, etc. well, pump, mainline
sprinkler irrigation system
- b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet, total reservoir
 capacity _____ acre feet, materials used in storage dam: _____
 Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
- c. Proposed well diameter is 20 inches; proposed depth of well is 900 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
 is 5 years.
 b. Estimated construction cost is \$ 384,000.
8. Description of proposed uses:
 a. If water is **not** for irrigation:
 (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: _____ hp 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 _____
 (5) If water is to be used for other purposes describe: _____

MAR 12 1986

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

Permit No. 22-7184

Phone No 356-9097

1. Owner: Perburg's Rerburg Idaho East Stake of the Church of Jesus Christ of Latter day Saints
 Current Address: 689 South 5th West Rerburg
2. Accompanied by: Leo Smith (26 July, 1984) Lane Arnold
 Address: 214 E. 136 Rerburg Phone No. 356-5143 (Leo Smith)
 Relationship to Permit Holder: Operators EXAM. DATE: 27 July 1984
- 4965 (Lane Arnold)
3. Source: Groundwater tributary to _____

Well/Diversion* No.	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well	US Motors	600	CD0050238 88-03751	Johnston	12" discharge
Booster	US Motors	150	C67172-304 82-1151	Arora	82-0991-1

*Code with points of diversion, system diagram & photos on reverse side. Disregard if only one.

5. System Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
well, pump booster machine to 3 crank pivots and wheel lines

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Annuhiser		Duerr	7517-316	191158	12.0	
Manometer						

7. Measurements 14 - 14" ☐ Additional data/computation sheets attached
Inside Diam 11 5/8"

- | 8. Point(s) of Diversion: | Indicate Method of Determination |
|---------------------------|----------------------------------|
|---------------------------|----------------------------------|

[illegible]

- | | | |
|----|------------------|---|
| 9. | Place(s) of Use: | Irrigation - give acres served by system at time of exam.
Indicate Method of Determination |
|----|------------------|---|

[illegible]

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

RECEIVED

MAR 12 1986

22-7184
Permit No.

Department of Water Resources

1. Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

$$Q = (3.85)(l.d.)^2 \sqrt{Y} (K)$$

$$l.d. = 11 \frac{3}{16} "$$

$$Y = 19 "$$

$$K = 1.0 \text{ for manometer}$$

$$Q = (3.85)(11.81)^2 \sqrt{19} = 2,340.7 \text{ gpm} = \underline{5.22 \text{ cfs}}$$

$$0.02 \frac{\text{cfs}}{\text{ac}} \times 633 \text{ ac.} = 12.66 \text{ cfs}$$

$$\text{Recommend} - \underline{\underline{5.22 \text{ cfs}}}$$

b) Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 633 \times 3.5 = 2,215.5$$

$$V_{DR} = (\text{Diversion Rate (cfs)}) \times (\text{Days in Irrigation Season}) \times 1.9835 = 5.22 \times 214 \times 1.9835 = 2216.$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = \underline{2,215.5}$$

c) Volume Calculations for Other Uses:

2. Overlap Review

a) Other water rights with same place of use: N/A

b) Other water rights with same point of diversion: N/A

c) Analysis:

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FEB 13 1990

