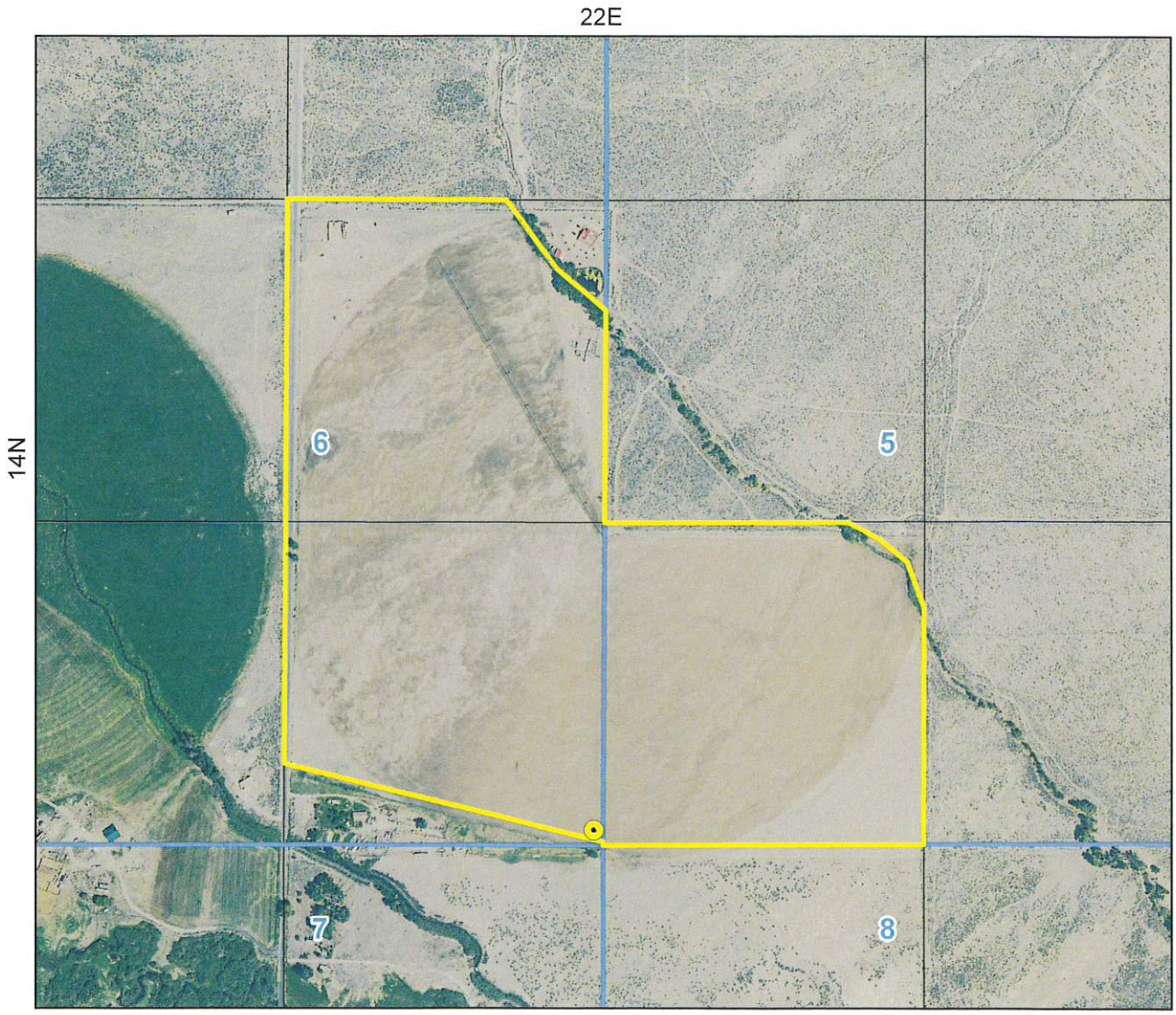
State of Idaho
Department of Water Resources

Water Right

73-7037

IRRIGATION

The map depicts the place of use for the water use listed above and point(s) of diversion of this right as currently derived from interpretations of the paper records and is used solely for illustrative purposes. Discrepancies between the computer representation and the permanent document file will be resolved in favor of the actual water right documents in the water right file.



Point of Diversion
Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters

0 0.075 0.15 0.3 Miles

N

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

10/29/2018

WATER RIGHT NO. 73-7037

3/4 Pivot

Owner Type	Name and Address
Current Owner	JOSEPH KERCHINSKI
Current Owner	LYNNDA KERCHINSKI
	100 HOOPER LN
	MAY, ID 83253
	2088764084
Original Owner	GENARO ARRIZUBIETA
Original Owner	SHARON ARRIZUBIETA
	148 HOOPER LN
	MAY, ID 83253
	2088764402

Priority Date: 11/23/1977
Basis: Decreed
Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/01	10/15	2.22 CFS	333 AFA
Total Diversion			2.22 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SESESE	Sec. 06	Township 14N	Range 22E	LEMHI County

Place(s) of use:

Place of Use Legal Description: IRRIGATION LEMHI County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
14N	22E	5		SWSW	39									
		6		NESE	36		SESE	36						

Total Acres: 111

Conditions of Approval:

1.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
2.	S41	THE USE OF WATER FOR IRRIGATION UNDER THIS RIGHT MAY CONTINUE TO AS LATE AS OCTOBER 31, PROVIDED OTHER ELEMENTS OF THE RIGHT ARE NOT EXCEEDED. THE USE OF WATER AFTER OCTOBER 15 UNDER THIS REMARK IS SUBORDINATE TO ALL WATER RIGHTS HAVING NO SUBORDINATED EARLY OR LATE IRRIGATION USE AND A PRIORITY DATE EARLIER THAN THE DATE A PARTIAL DECREE IS ENTERED FOR THIS RIGHT.

Dates:
Licensed Date:
Decreed Date: 03/12/2010
Permit Proof Due Date: 3/1/1983
Permit Proof Made Date:
Permit Approved Date: 3/8/1978
Permit Moratorium Expiration Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Water Supply Bank Enrollment Date Accepted:
Water Supply Bank Enrollment Date Removed:
Application Received Date:
Protest Deadline Date:
Number of Protests: 0

Other Information:
State or Federal: S
Owner Name Connector: AND
Water District Number: 73

Irrigation

Form 238-7
7/73

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name: Denso Arrizubieta
Address: Pessimori May, Idaho
Owner's Permit No. 73-7037

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) ______

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other ______ (specify type)

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other ______

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other ______

Thickness	Diameter	From	To
.250 inches	16 inches	+2' feet	93' feet
inches	inches	feet	feet
inches	inches	feet	feet
inches	inches	feet	feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☒ Knife ☐ Torch
Size of perforation 3/8" inches by 4" inches

Number		From	To
35	perforations	63' feet	70' feet
90	perforations	70' feet	85' feet
	perforations	feet	feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name ______
Type ______ Model No. ______
Diameter ____ Slot size ____ Set from ______ feet to ______ feet
Diameter ____ Slot size ____ Set from ______ feet to ______ feet
Gravel packed? ☒ Yes ☐ No ☐ Size of gravel all sizes
Placed from 85 feet to 90 feet
Surface seal depth 18' Material used in seal: ☒ Cement grout ☐ Puddling clay ☒ Well cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata
Describe access port 2" x 2" on 45° angle

6. LOCATION OF WELL

Sketch map location must agree with written location.

N / W / E / S

Subdivision Name ______
Lot No. ______ Block No. ______
County Lemhi
SE ¼ SE ¼ Sec. 6, T. 14 N/S, R. 22 E/W.

73

7. WATER LEVEL

Static water level 60 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow ______
Artesian closed-in pressure ______ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 60 °F. Quality Good

8. WELL TEST DATA

☐ Pump ☒ Bailer ☐ Air ☐ Other ______

Discharge G.P.M.	Pumping Level	Hours Pumped

9. LITHOLOGIC LOG

099472

Hole Diam.	Depth From	Depth To	Material	Water Yes	Water No
20'	0'	5'	Topsoil and Gravel (Brown)		X
20'	5'	18	Large Gravel		X
16"	18'	60'	Small Gravel & sand	X	
16	60'	85'	Gravel	X	
16	85'	92'	Sand	X	

WB

10.

Work started 4-11-78 finished 4-20-78

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Eugene Richards well drilling Firm No. 24
Address Rt 1 Box 33 Salmon Date 5-10-78
Signed by (Firm Official) Eugene Richards
and
(Operator) [signature]

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

PCC W 5-09

Irrigation Pump (Pivot)

IDAHO DEPARTMENT OF WATER RESOURCES
Water Measurement Program

POWER CONSUMPTION COEFFICIENT WORKSHEET

(Revised 5/2009)

District 73

Diversion Name _____

Inventory Date _____ Test Date 8.18.17

Inventory Examiner _____ Person performing test Cyrus

PCC o.k.? ☑ Yes ☐ No Exam complete? ☑ Yes ☐ No

Name: _____
Water Right No.: _____
Legal Description: T____ R____ Sec.____ ____¼ ____¼ ____¼
Site Tag No.: _____
Diversion Name: _____

Current Owner

Name Kerchinski Phone _____

Address _____ Cell _____

City _____ St ____ Zip _____ E-mail _____

Operator *(if leased or operated by person other than owner)*

Name ~~Ed~~ O'Neal Phone _____

Address Ben Cell _____

City _____ St ____ Zip _____ E-mail _____

Global Positioning System Data:

Data Collection Filename _____ Offset _____

IDWR Site Tag Identification No. _____

Site Tag Location description: _____

PLS/USGS LOCATOR _____

For Department/District Use Only

Received by _____ Date _____

Reviewed by _____ Date _____

Data Entry By _____ Date _____

Determination of Power Consumption Coefficient

Kilowatts of Energy Consumed

KW = 3.6 × Kh × Multiplier × No. of revolutions (N) ÷ Time (T) in seconds per N

Cond.#1 N = _____ (No. of Disc Rev) **Time** (sec) = (~~18.05~~)+(~~17.84~~)+(~~17.84~~)/3 = ~~18.05~~ Ave

3.6 × _____ (Kh) × 21.6 (Mult) × 1 (N) ÷ 15 (T) = * _____ KW

Cond.#2 N = 15 (No. of Disc Rev) **Time** (sec) = (18.05)+(17.84)+(17.84)/3 = 17.92 Ave

3.6 × 21.6 (Kh) × 1 (Mult) × 15 (N) ÷ 17.92 (T) = * 65.1 KW

Cond.#3 N = _____ (No. of Disc Rev) **Time** (sec) = (_____)+(_____)+(_____)/3 = _____ Ave

3.6 × _____ (Kh) × _____ (Mult) × _____ (N) ÷ _____ (T) = * _____ KW

Measured Flow Rate and Discharge Pressure – Enter flow rate as determined by the "standard" water measurement meter in GPM, and discharge pressure measured in PSI. Attach documentation to support data such as notes, printout tapes, etc.

GPM Cond. #1 * 900 #2 * _____ #3 * _____

PSI Cond. #1 * _____ #2 * _____ #3 * _____

Power Consumption Coefficient (PCC) = KW × 5431 ÷GPM

PCC Cond #1 = * 65.1 (KW) × 5431 ÷ * 900 (gpm) = 392.8 (kWh/ac.ft)

Qualifier Condition 1: 1 2 3 4 5 6 7 8 9 Other ~~900 gpm~~

Percent of seasonal use * 100 Description * pivot, end gun on

PCC Cond #2 = * _____ (KW) × 5431 ÷ * _____ (gpm) = _____ (kWh/ac.ft)

Qualifier Condition 2: 1 2 3 4 5 6 7 8 9 Other

Percent of seasonal use * _____ Description * _____

PCC Cond #3 = * _____ (KW) × 5431 ÷ * _____ (gpm) = _____ (kWh/ac.ft)

Qualifier Condition 3: 1 2 3 4 5 6 7 8 9 Other

Percent of seasonal use * _____ Description * _____

Is the system operator required to track and report changes in system operation? ~ Yes ~ No (check one)

System Type (circle all that apply): Pivot, linear / Wheel ln / Hand ln / Gated pipe, flood / Drip / Open Discharge

	Crop Type	Number of Acres
1		
2		
3		
4		
	Total Acres =	

Well Pump and Motor Information

Pump Data		Motor Data	
Manufacturer		Manufacturer	
Serial Number		Serial Number	
Model Number		Rated Horsepower	75
Type		Rated Amps	
Impeller Diameter		Rated Volts	
Rated Speed		Rated Speed	
Rated Discharge		Phase	
Rated Head		Service Factor	

Booster Pump and Motor Information

Pump Data		Motor Data	
Manufacturer		Manufacturer	
Serial Number		Serial Number	
Model Number		Rated Horsepower	
Type		Rated Amps	
Impeller Diameter		Rated Volts	
Rated Speed		Rated Speed	
Rated Discharge		Phase	
Rated Head		Service Factor	

Power and Water Metering Information

Kilowatt-Hour Meter		Water Measurement Equipment and Pipe Information	
Utility	SRE	Std. Meter Manf/Std Meter Model No.	
Pole Number		Std. Meter Type (circle one)	Sonic Pyg Collins Hall Anub Dye/chem. Other
Meter Manufacturer	Landis Gyr	Std. Meter Confidence (circle one)	Excl 2% Good 5% Fair 10% Poor >10%
Meter Serial No.	10020 812	PSI gauge ID location ≅ discharge head	District / Owner _____ Yes / No
Disc Constant (Kh)	21.6	Pipe Material	~~Steel~~ Steel
Rated Voltage	480	Pipe Outside Diameter	8.02
Demand	68.93	Sound Speed (58.5 F = 4807 fps) in feet per second	4750 (Water temp ~ 50°)
Multiplier (Mult)	1	Measured Velocity (fps)	
CTR (Current) PTR (Voltage)		Distance of straight pipe upstream and down	Upstream _____ Downstream

WATER LEVEL DATA	
Does the well have access to measure water levels? ~ Yes ~ No (*check one*)	
Is this well part of USGS, IDWR, or another network of water level monitoring wells? ~ Yes ~ No ~ Uncertain	
Static Water Level _____ ft Date _____	Pumping Water Level _____ ft at condition # _____) Date _____

Further describe system operating conditions (if necessary) and how percentage of seasonal use was obtained: _____

_____

_____

_____

_____

Sketch of pumping plan layout or photograph of pumping plant and piping:

Notes – Comments – Calculations: _____

_____

_____

_____

_____

_____

_____

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature _____ Date _____

(person performing measurements)

Well Pump and Motor Information

Pump Data		Motor Data	
Manufacturer		Manufacturer	
Serial Number		Serial Number	
Model Number		Rated Horsepower	75
Type		Rated Amps	
Impeller Diameter		Rated Volts	
Rated Speed		Rated Speed	
Rated Discharge		Phase	
Rated Head		Service Factor	

Booster Pump and Motor Information

Pump Data		Motor Data	
Manufacturer		Manufacturer	
Serial Number		Serial Number	
Model Number		Rated Horsepower	
Type		Rated Amps	
Impeller Diameter		Rated Volts	
Rated Speed		Rated Speed	
Rated Discharge		Phase	
Rated Head		Service Factor	

Power and Water Metering Information

Kilowatt-Hour Meter		Water Measurement Equipment and Pipe Information	
Utility	SRE	Std. Meter Manf/Std Meter Model No.	
Pole Number		Std. Meter Type (circle one)	Sonic Pyg Collins Hall Anub Dye/chem. Other
Meter Manufacturer	Landis Gyr	Std. Meter Confidence (circle one)	Excl 2% Good 5% Fair 10% Poor >10%
Meter Serial No.	10020812	PSI gauge ID location ≅ discharge head	District / Owner _____ Yes / No
Disc Constant (Kh)	21.6	Pipe Material	~~Steel~~ Steel
Rated Voltage	480	Pipe Outside Diameter	8.02
Demand	68.93	Sound Speed (58.5 F = 4807 fps) in feet per second	4750 (Water temp ~50°)
Multiplier (Mult)	1	Measured Velocity (fps)	
CTR (Current) PTR (Voltage)		Distance of straight pipe upstream and down	Upstream _____ Downstream

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Static Water Level _____ ft Date _____	Pumping Water Level _____ ft at condition # _____) Date _____

Further describe system operating conditions (if necessary) and how percentage of seasonal use was obtained: _____

Sketch of pumping plan layout or photograph of pumping plant and piping:

Notes – Comments – Calculations: _____

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(person performing measurements)