

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-7611
Exam Date: 9/13/2012

1. Current Owner: KATHI L MEYERS
3921 N 3300 E
TWIN FALLS ID 83301
(208)735-5321

And/Or

ROBERT J MEYERS
3921 N 3300 E
TWIN FALLS ID 83301
(208)735-5321

2. Accompanied by: NONE (re-exam)
Phone No: Robert cell 208.731.2219
Address:
Relationship to Permit Holder:

3. SOURCETRIBUTARY

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: NONE

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER NE1/4SW1/4
GOODING County

Sec. 14, Twp 06S, Rge 14E, B.M.

Method of Determination:

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
06S 14E 14									32.0	40.0							72.0
06S 14E 15													40.0				40.0

Total Acres: 112

STOCKWATER same as IRRIGATION

Method of Determination:

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
A0005583	GE	100	JMJ908139	Layne & Bowler	D17285

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
Mag Meter		SeaMetrics	AG2000	04125421	6	none

2. Measurements:

Measured by North Snake GWD Hydrographers in 1998, 2004, 2007, 2010. High measurement in 1998 was 980 gpm or 2.18 cfs.

Prior examiner's theoretical horsepower estimate is 2.12 cfs

Flowmeter installed in 2011 or 2012 and has not been field tested. Well not running at exam.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method: 2.18 cfs based on 1998 measurement

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 112 \times 4 = 448$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 2.18 \times 184 \times 1.9835 = 795.6$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 448$$

2. Volume Calculations for Other Uses:

Stockwater, 13,000 gpd limit

G. NARRATIVE/REMARKS/COMMENTS

This system was first inspected in May 1992, resulting in a finding of 109 acres irrigated within the permitted pou. The examiner never finished the exam because he found about 15 acres irrigated outside the permitted pou on lands not owned by the permit holder. The examiner attempted to persuade the permit holder to file a second permit to cover these acres but when the permit holder did not, the examiner appeared to abandon the recommendation. In the interim, the lands have changed hands and the distribution system has now changed from handlines to pivots. The present permit holder, Meyers, then purchased additional lands in SE ¼ Section 15 which are adjacent to the permit pou. This has resulted in a total distribution system which is partially commingled with surface water and is considerably larger than both the permitted pou and the acres found developed in 1992.

I found acres irrigated in SWNW and SENW Section 14 on lands not owned by Meyers. The original field exam notes that the permittee was irrigating there under a long-term lease with the landholder (City of Gooding). A copy of that lease was never produced. The City has provided me with two lease agreements with Meyers, for use of this property for the years 1998 through 2012. When I spoke with Mr. Meyers he indicated that he had recently signed another long-term agreement with the City. However, at the end of 2012 the City sold the land to Gillette, and City officials indicate that Meyers' lease is expired. From on a telephone conversation with Rusty Gillette, Meyers and Gillette have no lease agreement. Furthermore, Meyers did not own the property in 1992 and cannot evidence that original permit holder Giese had a similar lease with the City. The acres in S ½ NW Sec 14 will not be recommended for license.

I also found some irrigated acres on the east and south side of the pou which appear to encroach on property in NWSE and SWSW Sec 14. A good look at the 1992 and 2011 aerial photos shows a fairly significant rectification error for the imagery, particularly in 1992, which shifts the entire image to the east, as compared to the DRG image. I accommodated this shift by adding acres back in on the west side, in NESE Sec 15. However, acreage expansion to the south is clearly an undocumented encroachment which will not be included in licensed acres.

Presently, 40 acres of ground water developed in NESE Sec 15, plus 96 shares of North Side Canal water, are used to irrigate the Sec 15 pivot. The larger pivot was not in place when proof was filed, and we should not try and represent additional acres in the pou. Acres should be limited to the 40 acres in NESE 15 which are found in 1992.

I found the pumping plant in essentially in the same configuration as in 1992, except that a flow meter has been recently installed. The well was not running at the time of the re-exam. During a telephone conversation with Mr. Meyers, he told me that some flows from the well are discharged directly to the canal and re-diverted along with the surface shares approximately ½ mile downstream into the relift pond for the large pivot. The two smaller pivots in Sec 14 are irrigated entirely with ground water which is diverted open discharge to a small sump and relifted up over the hill.

The 1992 photo was used for final license acres.

Stock were not present at the time of the re-examination. There is probably no way to know if stockwater was used during development, but it is a common practice to winter cattle on cropland. I elected to give benefit of doubt on this one, but rate will be non-additive and volume limited to exempted amounts.

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

H. 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 11/01	2.180 CFS	448.00 AF
STOCKWATER	11/01 to 04/01	0.070 CFS	
	<u>Totals:</u>	2.180 CFS	448.00 AF

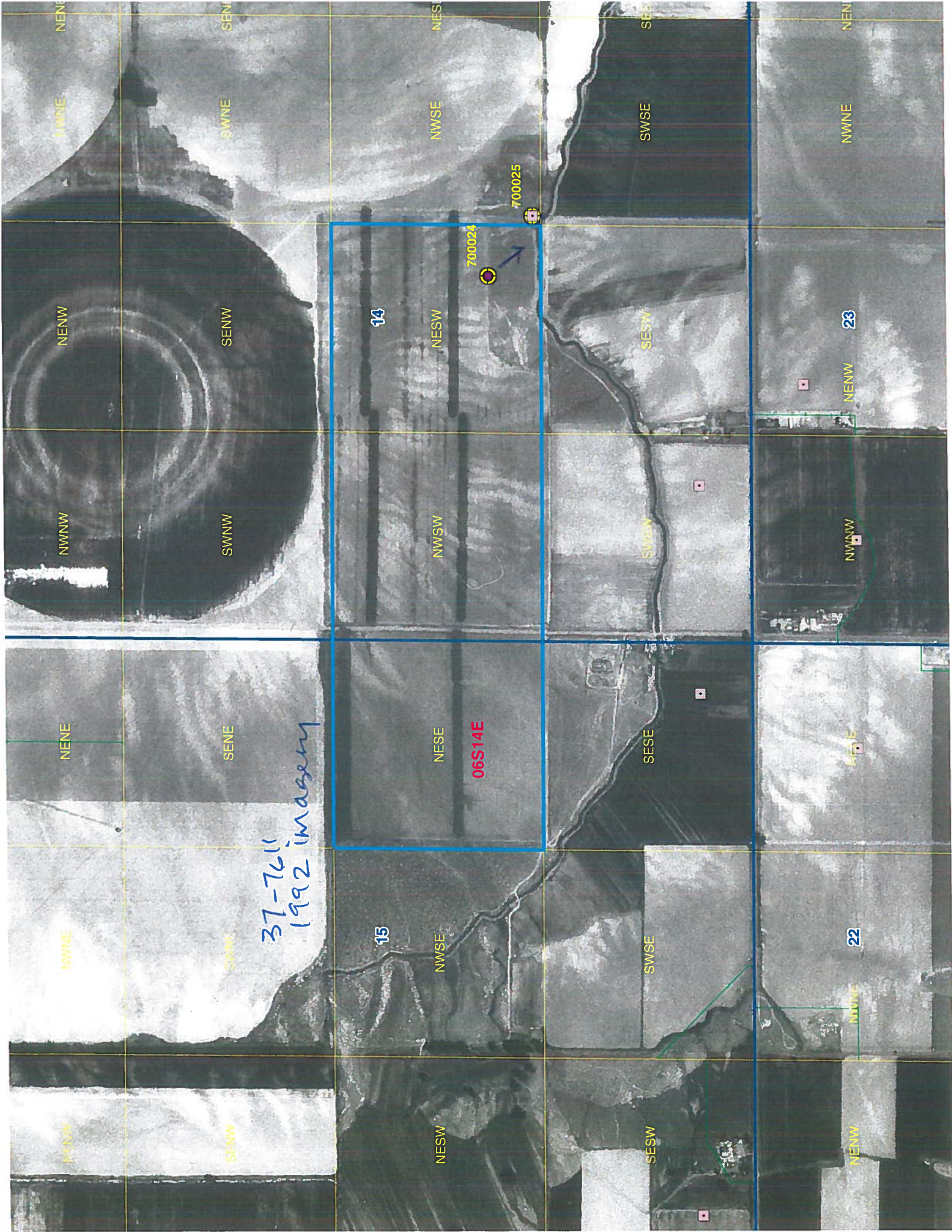
2. Recommended Amendments

___ 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

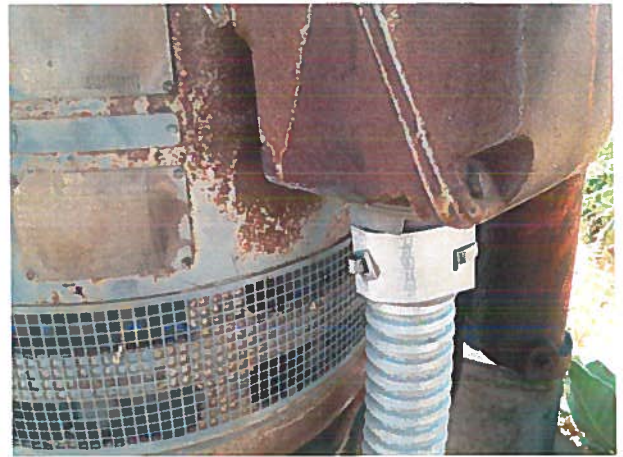
I. AUTHENTICATION

Field Examiner's Name Cindy J. Yenter Date 8.6.2013
Reviewer [Signature] Date 8/15/2013





RE-EXAM 9.13.2012
Permit 37-7611
A0005583



New meter installed on
diversion



System diverts to sump and
commingles with canal water
(unchanged)



RE-EXAM

§ 9.13.12 A0005583 on elec conduit near
~~A0017840 New tag placed~~ motor

100 HP

SN JMD908139 GE motor

New Seemetrics meter installed incorrectly
~~no~~ crowded upstream, bad orientation
no ground wires

SN 04125421 gpm, AF x .01

reading, 278.74 AF

conjugates w/ canal right @ well, belted up
over hill, could use hour meter

Pole 06S14E 14-32

Nothing in Sec 14

check canal shares

7.22.13 Conv. w/ Todd Bunn City of Garding

both now
expired?

There was a contract btwn City & Giese then later
w/ Robt Meyers. However the land in NW Sec 14 has
recently been sold to Rusty Gillette. It is not known
how this will affect Meyers' ability to irrigate there.

7.24 conv w/ Meyers: the City retained ownership of
the airstrip & he just signed another 10-yr
lease to the property. It is just north of his 80. (?)
Where is the airstrip??

Big Wood Canal Company
American Falls Reservoir District #2
409 N. Apple St.
Shoshone, ID 83352
208-886-2331 ♦ ♦ ♦ 208-886-2010 (Fax)

Date: 07/22/13

To: Cindy

From: Anne

Fax: 208 736-3037

Re: Water Shares R Meyers Sec. 15

Pages: 2 including cover sheet

Message: If you have any questions please let me know. Thank you.

226 total

120 permit

96 shares

216

Land Title Susan Bolton

3083 SG-4
 Operator: Meyers, Robert & Kathi
 Stockholder: Meyers, Robert J. & Kathi L.
 No. Shares: 76.000
 Cert No.: 13083 Feb 2012 Old No: 10797
 Land Desc: Pt. SW1/4SE1/4, SE1/4SE1/4 (15)
 Sec.: 15 TWP: 6 Range: 14
 Lien:

3082 SG-4
 Operator: Meyers, Robert & Kathi
 Stockholder: Meyers, Robert J. & Kathi L.
 No. Shares: 20.000
 Cert No.: 13082 Feb 2012 Old No: 10878
 Land Desc: NE1/4SW1/4 15;
 Sec.: 15 TWP: 6 Range: 14
 Lien:

*Lands not
 irrigated*

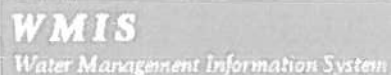
3143 SG-4
 Operator: Meyers, Robert & Kathi
 Stockholder: Meyers, Robert & Kathi
 No. Shares: 6.000
 Cert No.: 13143 Nov 2012 Old No: Pt 12966
 Land Desc: Pt NW1/4
 Sec.: 15 TWP: 6 Range: 14
 Lien:

different system

1946 SG-4
 Operator: Meyers, Robert & Kathi
 Stockholder: Meyers, Robert J. & Kathi L.
 No. Shares: 60.000
 Cert No.: 11946 Jun 2002 Old No: 11594
 Land Desc: Pt NW 1/4
 Sec.: 15 TWP: 6 Range: 14
 Lien: ISB Glenns Ferry

different system

Idaho Department of Water Resources



Quick Search:

For
assistance,
email WMIS
Info

Search Method: Reporting District
Reporting District: North Snake GWD
WMIS Number: 700024
Legal Description:
Metal Tag Number: A0005583

You are logged in as cyenter

Point Of Diversion PCC Flow Meter Time Clock Alternate Contacts Data Summary Other Logout

PCC Conditions

You are viewing 700024; A0005583

[Click here to insert a new record.](#)

Year: 2010		Date: 7/8/2010 12:00:00 AM		Total PCC: 1732.80		Total Percentage: 1	
Edit	Insert New Condition	Delete	# 1	Condition Date: 07/08/2010	ConditionPCC: 1732.80	Percentage: 1	
			KW: 298.00	Boost On: No	Description: Measured before first bend. Open discharge that shares a meter with another pump. Other pump pumps from open discharge and canal to pivots uphill.		
			GPM: 934.0	Description:			
			PSI: 2.08				
			Meter:				
			Utility: Idaho Power	Serial Number: 04466700			
			Main HP: 100.00	Boost HP: 0.00			
			Pole Number: 06S14E1432	Multiplier: 80.00			
			Manufacturer: ABB	Disk Constant: 1.20			
Year: 2008		Date: 1/1/2008 12:00:00 AM		Total PCC: 488.18		Total Percentage: 100	
Edit	Insert New Condition	Delete	# 1605	Condition Date: 01/01/2008	ConditionPCC: 488.18	Percentage: 100	
			KW: 80.00	Boost On: No	Description: 07/05/07		
			GPM: 890.0	Description:			
			PSI:				
			Meter: 1.98				
			Utility:	Serial Number:			
			Main HP: 100	Boost HP: 0.00			
			Pole Number:	Multipller:			
			Manufacturer:	Disk Constant:			
Year: 2007		Date: 7/5/2007 12:00:00 AM		Total PCC: 716.98		Total Percentage: 100	
Edit	Insert New Condition	Delete	# 2831	Condition Date: 07/05/2007	ConditionPCC: 488.18	Percentage: 45	
			KW: 80.00	Boost On: No	Description: RE-LIFT IS ON SAME METER BUT IS OFF		
			GPM: 890.0	Description:			
			PSI:				
			Meter:				
			Utility: Idaho Power	Serial Number: 04466700			
			Main HP: 100	Boost HP: 0.00			
			Pole Number: 06S14E1432	Multiplier: 40.00			
			Manufacturer: ABB	Disk Constant: 1.20			
			# 3834	Condition Date: 01/01/2007	ConditionPCC: 898.27	Percentage: 55	

(see back)

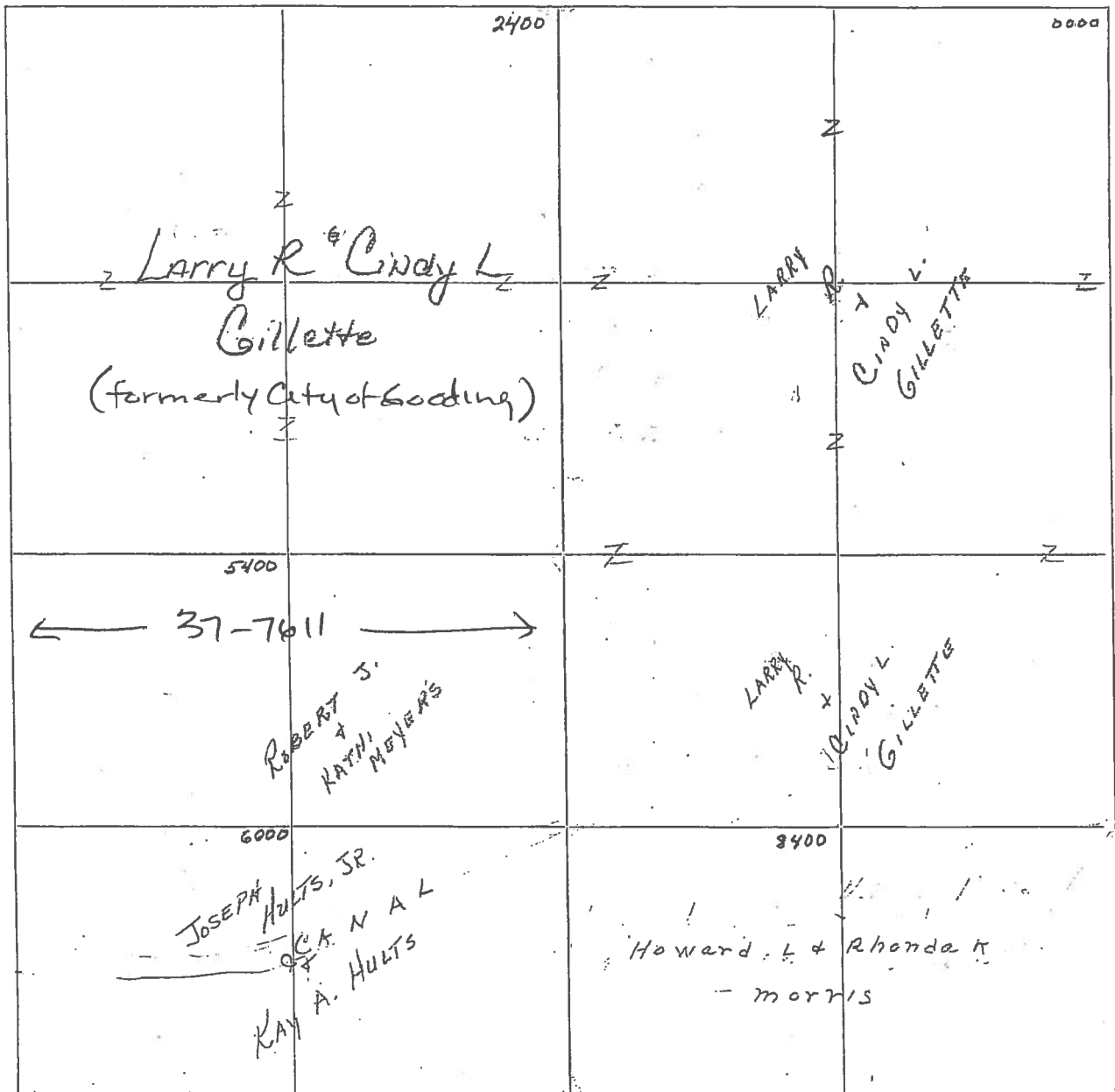
Edit	Insert	Delete				
	<u>New</u>		KW: 152.00 Boost On: No GPM: 919.0 Description: 6/15/07 PSI:			
	<u>Condition</u>		Meter: Utility: Idaho Power Serial Number: 04466700 Main HP: 100 Boost HP: 0.00 Pole Number: 06S14E1432 Multiplier: 40.00 Manufacturer: ABB Disk Constant: 1.20			
Year: 2004			Date: 6/15/2004 12:00:00 AM		Total PCC: 902.59 Total Percentage: 100	
Edit	Insert	Delete	# 8514	Condition Date: 06/15/2004	ConditionPCC: 902.59	Percentage: 100
	<u>New</u>		KW: 152.73 Boost On: No GPM: 919.0 Description: OPEN DISCHARGE. RE-LIFT RUNS ON SAME METER. PSI: 0			
	<u>Condition</u>		Meter: 2.05 Utility: Idaho Power Serial Number: 04466700 Main HP: 0 Boost HP: 0.00 Pole Number: 06S14E1432 Multiplier: 40.00 Manufacturer: ABB Disk Constant: 1.20			
Year: 1998			Date: 9/28/1998 12:00:00 AM		Total PCC: 460.30 Total Percentage: 100	
Edit	Insert	Delete	# 16350	Condition Date: 09/28/1998	ConditionPCC:	Percentage: 100
	<u>New</u>		KW: 83.10 Boost On: No GPM: 980.0 Description: PSI: 0			
	<u>Condition</u>		Meter: 2.18 - high flow Utility: Idaho Power Serial Number: 55377477 Main HP: 0 Boost HP: Pole Number: 2292 Multiplier: Manufacturer: General Electric Disk Constant:			

$$\begin{aligned}
 &\cancel{115 \times .02 = 2.3} \\
 &\cancel{115 \times 4 = 460}
 \end{aligned}$$

GOODING COUNTY

Hwy. Dist. 1 City _____
 Sch. Dist. 231 Cem. Dist. GOODING
 Fire Dist. Gooding

Sec. 14 Twp. 6 Rng. 14
 \$30
06S14E14 



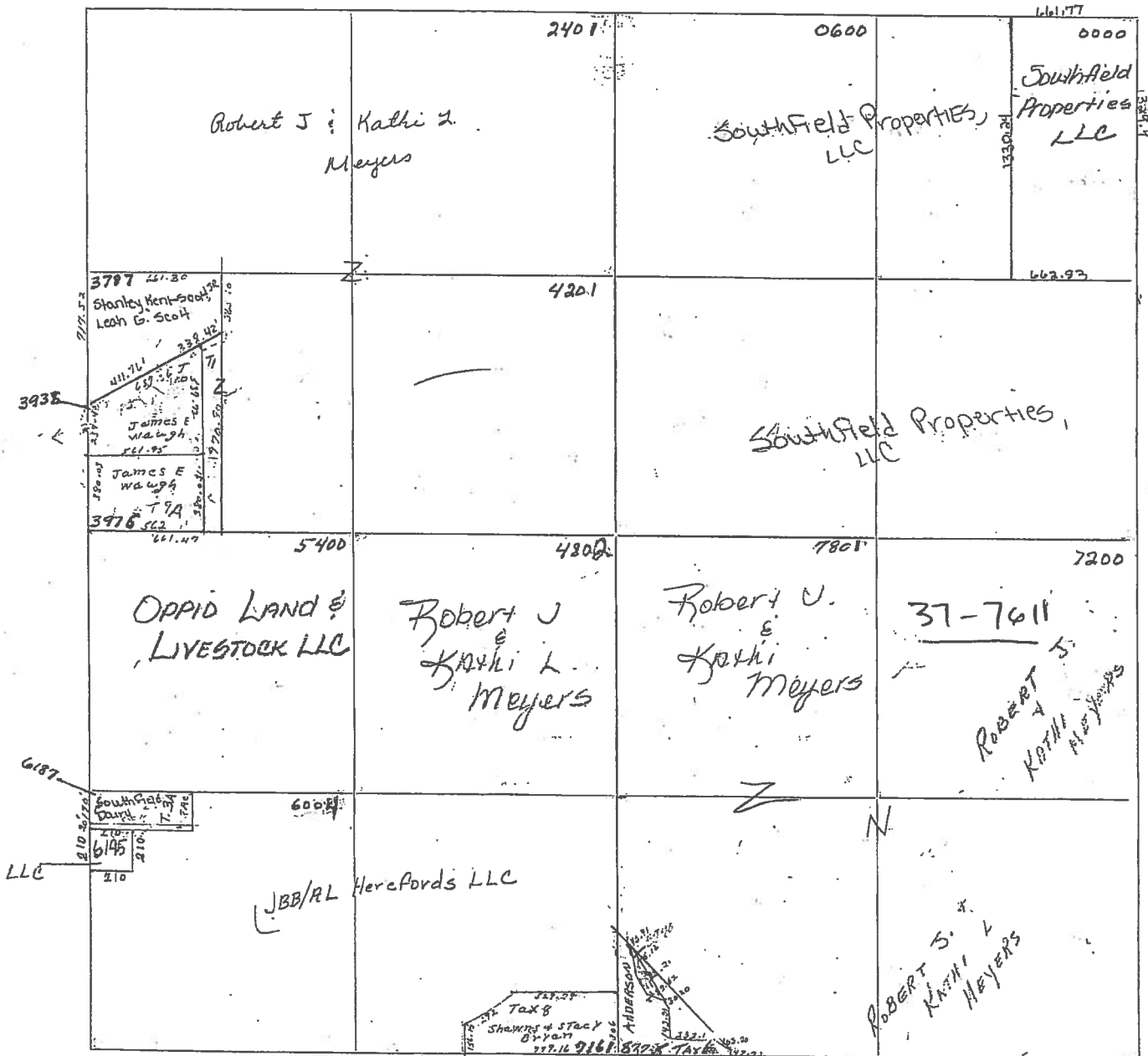
FOR ASSESSMENT
 USE ONLY

(See back)

GOODING COUNTY

Hwy. Dist. 1 City _____
 Sch. Dist. 231 Cem. Dist. GOODING
 Fire Dist. Gooding

Sec. 15 Twp. 6 Rng. 14
 \$27
06514E15



FOR ASSESSMENT
 USE ONLY

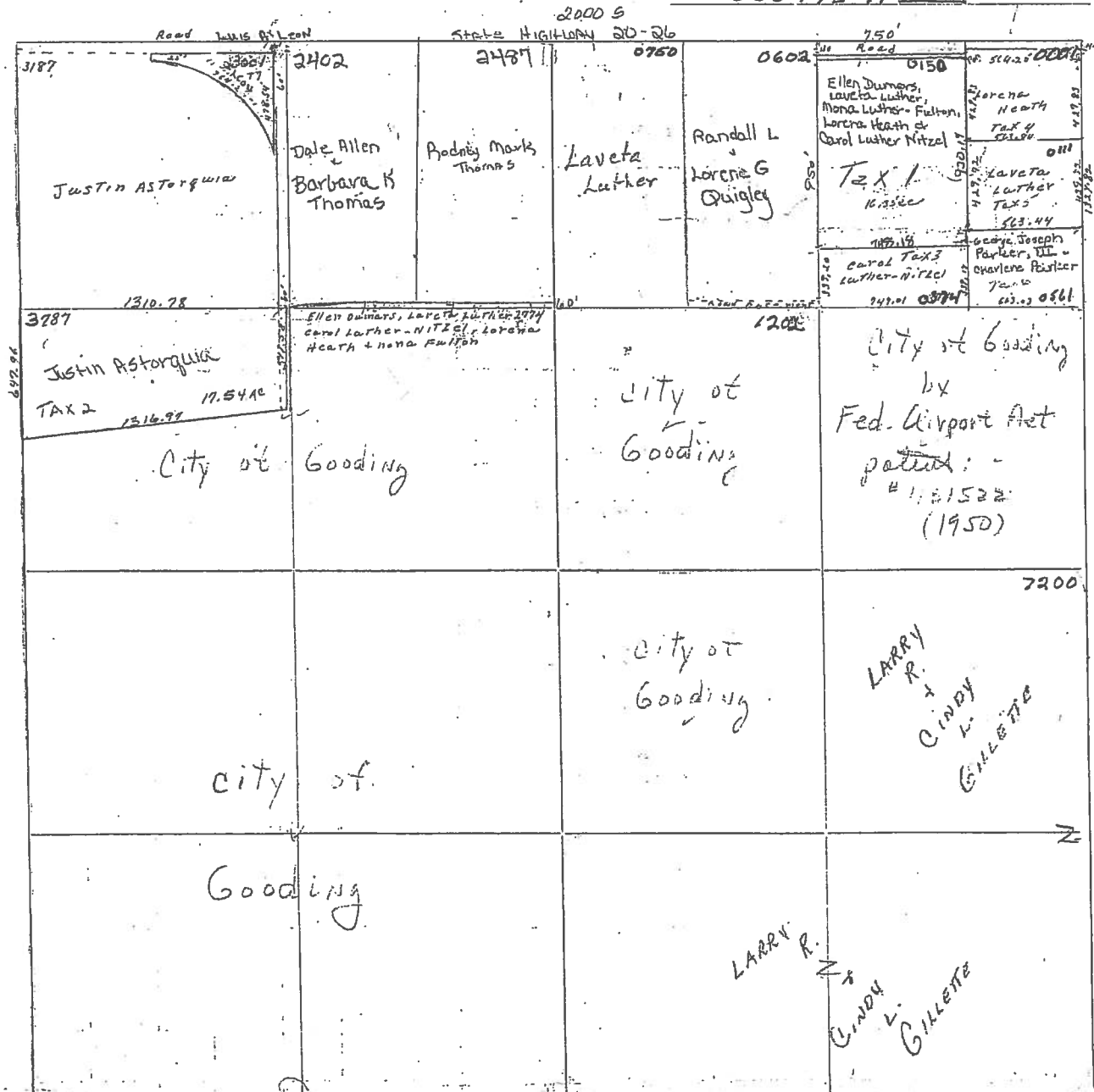
GOODING COUNTY

Hwy. Dist. 1 City
 Sch. Dist. 231 Cem. Dist. GOODING
 Fire Dist. Gooding

Sec. 11 Twp. 6 Rng. 14

\$29

06S 14E 11



1600 E vacated/abandoned
 by HIGHWAY DIST. between
 1900 S & 2000 S
 Resolution # 2009-1
 Instrument # 231124

FOR ASSESSMENT
 USE ONLY

LEASE

THIS AGREEMENT Made and entered into this 25 day of ~~February~~ ^{MARCH}, 2008, by and between JOSEPH HULTS, JR. and KAY HULTS, husband and wife, Wendell, Idaho, and ROBERT J. MEYERS and KATHI MEYERS, husband and wife, Twin Falls, Idaho, (hereinafter Lessees) and the CITY OF GOODING, Idaho, an incorporated municipality located in Gooding County, Idaho (hereinafter Lessor).

WITNESSETH:

WHEREAS, Lessor owns the NW1/4 of Section 14, Township 6 South, Range 14 EBM; and,

WHEREAS, Lessees own the SW1/4 of the above described section; and,

WHEREAS, Lessor has caused a survey to be made of the NW1/4 and has determined that Lessees are infringing upon Lessor's property from 60 plus feet at the West side to 90 plus feet at the East side; and,

WHEREAS, Lessors and Lessees desire to enter into an agreement for the lease of the approximately six (6) acres infringed; and,

WHEREAS, the six (6) acres in question do not have water appurtenant to them and are only dry land acres.

NOW, THEREFORE, IN CONSIDERATION OF THE FOLLOWING PROMISES, EACH TO THE OTHER RUNNING, IT IS AGREED AS FOLLOWS:

Lessors lease to Lessees the Southern most ninety (90) to sixty (60) feet of the NW1/4 of Section 14, Township 6 South, Range 14 EBM. The exact number of feet to be determined from the now existing road to the Northern boundary of SW1/4 of Section 14.

This Lease shall commence January 1, 2008.

The term of this Lease shall be for a period of five (5) years, terminating December 31, 2012.

Lessees shall pay, as and for rental, the sum of Fifty Dollars (\$50.00) per acre for each acre of ground leased. The parties stipulate and agree that there are six (6) acres being leased and therefore the annual rental shall be Three Hundred Dollars (\$300.00), payable to the City of Gooding on or before the first day of March of each year this Lease is in existence.

The parties further understand and agree that well from which this property is irrigated is subject to being curtailed. In the event of such curtailment rent shall be abated pro rata. (For

example, if shut down for one-third of the farm season rent will be reduced by one-third).

Lessees will use diligence to prevent noxious weeds from going to seed on the demised premises and will destroy the same, and will keep the weeds and grasses cut or destroyed on the fields, fence-rows and roadsides. Treatment of weeds and/or insect infestation and costs thereof shall be the responsibility of Lessees.

Upon the termination of this Lease, in any proper manner, Lessees agree to surrender possession of the rented premises promptly.

This Lease is being executed pursuant to a majority vote of the City Council of the City of Gooding, Idaho, entered upon its minutes on the ^{3rd} ~~20th~~ ^{March} day of February, 2008. *AK*

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal the day and year first above written.

CITY OF GOODING, IDAHO

By: *William Duke Morton*
William Duke Morton
Mayor

ATTEST:

Carmen L. Korsen
Carmen Korsen
City Clerk

LESSOR

Joseph Hults, Jr.
Joseph Hults, Jr.

Kay Hults
Kay Hults

Robert J. Meyers
Robert J. Meyers

Kathi Meyers
Kathi Meyers

LESSEES

Joe & Kay Hults
1425 E. 3200 South
Wendell, Id 83355

November 1, 2011

City of Gooding
308 5th Ave. W
Gooding, Idaho 83330

Dear Carmen,

Joe and I have dissolved our farming relationship with Robert Meyers. We will no longer be lessees of the City property in FL-22 that Hults and Meyers rented. Robert and Kathi Meyers will retain the lease with the City. You may contact them at 733-5321. Their address is 3321 N. 3300 E., Twin Falls, Idaho 83301.

Sincerely,


Kay Hults

L E A S E

THIS AGREEMENT Made and entered into this 19th day of January, 1998, by and between JOSEPH HULTS, JR. and KAY HULTS, husband and wife, Wendell, Idaho, and ROBERT J. MEYERS and KATHI MEYERS, husband and wife, Twin Falls, Idaho (hereinafter "Lessees") and THE CITY OF GOODING, IDAHO, an incorporated municipality located in Gooding County, Idaho (hereinafter "Lessor").

WITNESSETH:

WHEREAS, Lessor owns the NW $\frac{1}{4}$ of Section 14, Township 6 South, Range 14 E.B.M.; and,

WHEREAS, Lessees own the SW $\frac{1}{4}$ of the above described section; and,

WHEREAS, Lessor has recently caused a survey to be made of the NW $\frac{1}{4}$ and has determined that Lessees are infringing upon Lessor's property from 60 plus feet at the west side and 90 plus feet at the east side; and,

WHEREAS, Lessors and Lessees desire to enter into an agreement for the lease of the approximately six (6) acres infringed; and,

WHEREAS, the six (6) acres in question do not have water appurtenant to them and are only dry land acres.

NOW, THEREFORE, the parties hereby agree as follows:

Lessors lease to Lessees the southern most 90 to 60 feet of the NW $\frac{1}{4}$ of Section 14, Township 6 South, Range 14 E.B.M. The exact number of feet to be determined from the now existing road to the northern boundary of the SW $\frac{1}{4}$ of Section 14.

This lease shall commence January 1, 1998.

The term of this lease shall be for a period of ten (10) years, terminating December 31, 2007.

Lessees shall pay, as and for rental, the sum of \$25.00 per acre for each acre of ground leased hereby. The parties hereby stipulate and agree that there are six (6) acres and therefore the annual rental shall be \$150.00, payable to the City of Gooding, on or before March 1st of each year this lease is in existence.

Lessees will use diligence to prevent noxious weeds from going to seed on the demised premises and will destroy the same, and will keep the weeds and grasses cut or destroyed on the fields, fence-rows and road-sides. Treatment of weeds and/or insect

infestation and costs thereof shall be the responsibility of Lessees.

Upon the termination of this lease, in any proper manner, Lessees agree to surrender possession of the rented premises promptly.

This lease is being executed pursuant to a majority vote of the City Council of the City of Gooding, entered upon its minutes on the 19th day of January, 1998.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal the day and year first above written.

THE CITY OF GOODING, IDAHO

BY: Ervin D. Dains
Ervin D. Dains
Mayor

ATTEST:

Linda Wildman
Linda Wildman
City Clerk

"LESSOR"

Joseph Hults, Jr.
Joseph Hults, Jr.
Kay Hults
Kay Hults

Robert J. Meyers
Robert J. Meyers
Kathi Meyers by Robert J. Meyers
Kathi Meyers ATT-IN-FACT

"LESSEES"

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 37-07611

1. Owner: John Giese Phone No. 934-5298

Current Address: 1627 E. 2100 S., Gooding, ID 83330

2. Accompanied by: Mr. Giese EXAM. DATE: 5-4-92

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: North Side Canal Co. shares

☐ Copies Attached

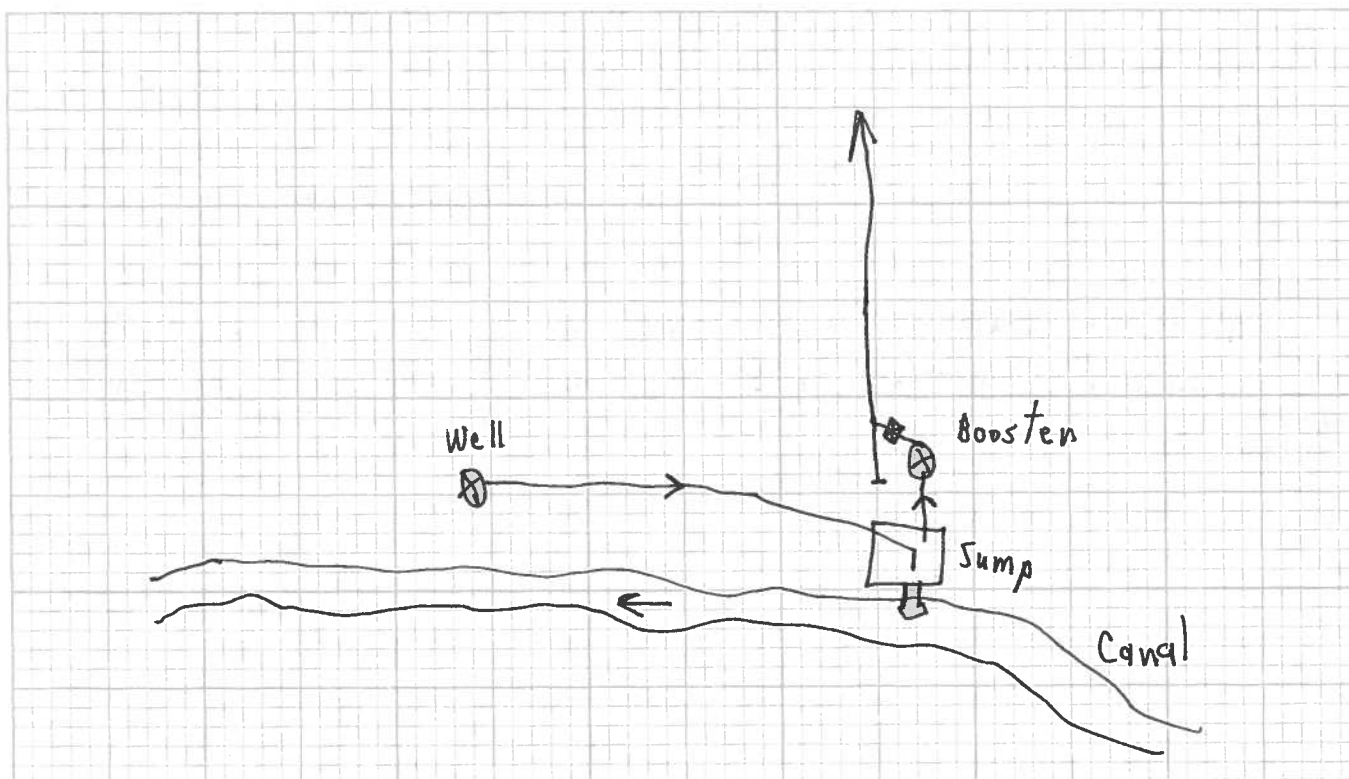
2. Other water rights with same point of diversion: -

☐ 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" = _____.

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater).

☒ Aerial Photo Attached
(required for irrigation of 10 acres or more).

System Description (continued)

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

Well, motor, pump, mainline open discharge into concrete sump (sump also feeds from canal). Re-lift pump & mainline to 6 wheel lines.
Stock drink from portable tank at well site. No stock present during exam.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Main Pump	GE	100	JMJ908139	Layne & Bowler	D17285
Re-lift "	"	"	KKJ1002158	Aunora	27570210

*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
		SE	NE	SW	14	6S	14E	Gooding	

6. **Place(s) of Use:**

Indicate Method of Determination _____

Actual
P/U

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
6S	14E	14							5	6	31	39							81
		15					4								39				43
																			124
6S	14E	15													39				39
		14							5	6	31	39							81
																			120

P/U To
Be Lic.

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

Not measured.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Ampsx .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 120 \times 4 = 480.0$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 480.0 \text{ AFA}$

2. Volume Calculations for Other Uses:

H. REMARKS AND OVERLAP REVIEW ANALYSIS

System uses canal water when possible, but the well is the main source of water for these lands.

I was not able to verify stock use, so none is recommended. Use would be too small to require a water right anyway.

Land in NW 1/4 Sec. 14 is farmed under a long-term lease from City of Gooding.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4-1	10-31	2.12	
Totals:			2.12	

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 |

J. AUTHENTICATION

Field Examiner's Name _____

Signature _____

Certification Date _____

Field Report Preparation Date _____

CONSULTANT SEAL

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

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 37-7611
DATE: 5-4-92
BY: J.E. Stanton

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

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])

$$Q = \frac{(8.8) \times (0.70)}{[(290) + (0 \times 2.31)]} = 2.12 \text{ cfs}$$

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
measurement ()	measurement ()	Motor Make, Serial or ID
owner ()	owner ()	
area estimate ()	estimate (X)	Pump Make, Serial or ID, rating
well logs (X)	owner gage ()	
Booster (Y) (N)		

REMARKS

ANNUAL VOLUME ANALYSIS

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

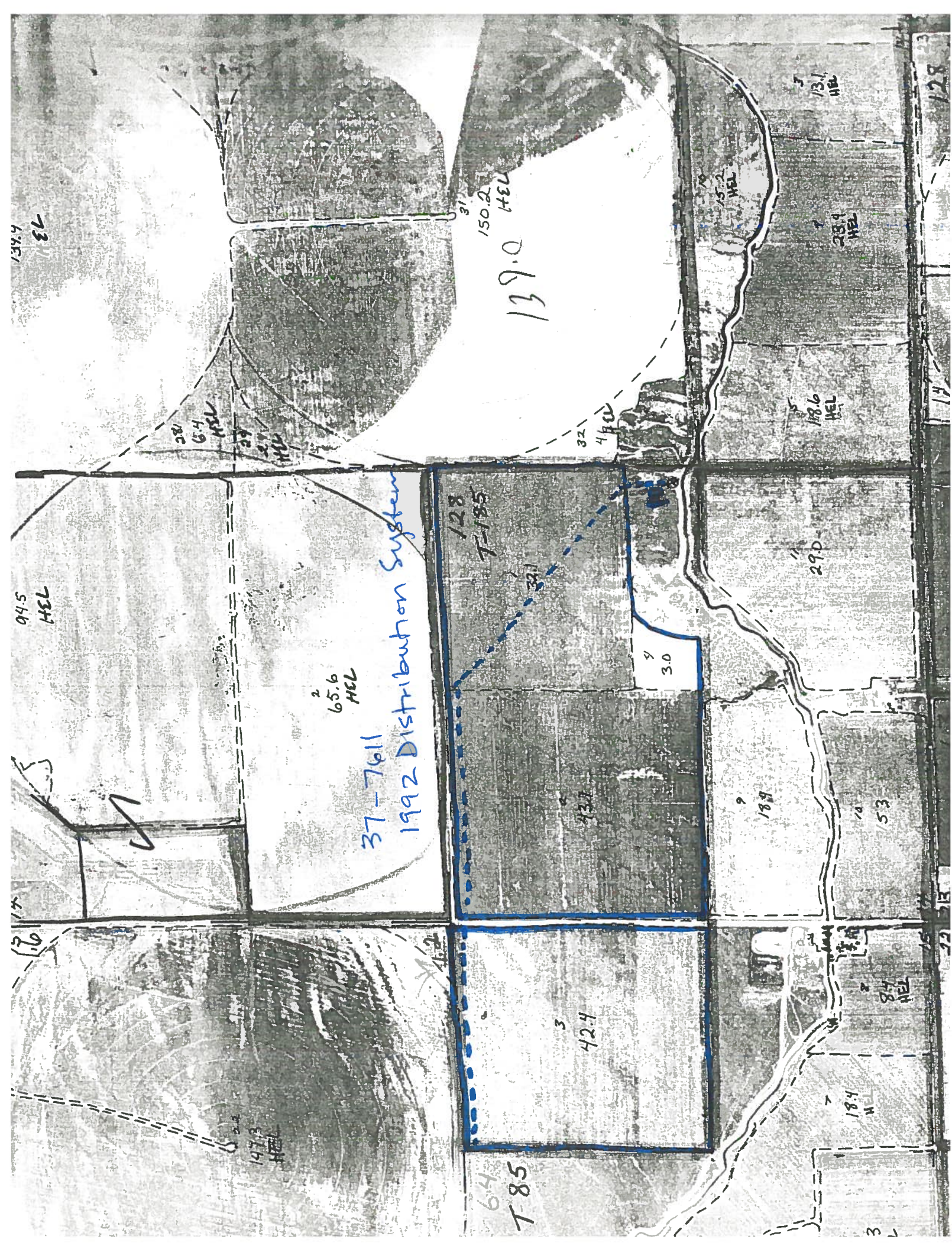
(season)	(days)	
3/15 - 11/15	246	
4/1 - 11/1	215	
4/15 - 10/15	184	
3/1 - 12/1	276	

$$\text{POTENTIAL} = \frac{((215) \times (1.98) \times (2.12))}{((20))}$$

$$\text{POTENTIAL} = 2.5$$

REQUIRED Acre Feet/Acre/Annum = 3.0
(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 (X)
IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()



39-7611



Well & Sump



Same & Re-Lift Pump

original exam photos

1992

37-7611



Re-Lift Pump



Same & Mainline To Sprinklers