

RECEIVED RECEIVED
JAN 24 2017
Amended
WATER RESOURCES
WESTERN REGION
FORM 207 Rev. 07/15
AUG 31 2016
Original
WATER RESOURCES
WESTERN REGION

AMENDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. 65-23669

1. Name of applicant(s) MARION D AND JUDY GROOTHUIS Phone 208-850-0617
Mailing address 3490 N SADDLEMAN PLACE, EAGLE, ID 83616 Email growthis@aol.com
Name connector (check one): ☒ and ☐ or ☐ and/or
2. Name of representative, if any _____ Phone _____
Mailing address _____ Email _____
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☐ Send original correspondence to the applicant and copies to the representative.
- b. ☐ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant.
3. Source of water supply GROUND WATER which is a tributary of _____
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
16N	03E	20		SE	SE	NE	VALLEY	GROUND WATER	WELL TAG D0067343
					NE	SE			

5. Water will be used for the following purposes:
Amount 0.48 cfs for CROP IRRIGATION 21 ACRE purposes from 4/15 to 10/31 (both dates inclusive)
(cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) 0.48 cfs cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. EXISTING WELL FOR WATER RIGHT 65-23540 FOR EXISTING 8 ACRES- JUST BOUGHT ANOTHER 21 CONTIGUOUS ACRES
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ No
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☐ No
- e. If well is already drilled, when? 09/02/2014; drilling firm COONSE WELL DRILLING
well was drilled for (well owner) MARION D AND JUDY L GROOTHUIS; Drilling Permit No. 967147-873206

Received by [Signature] Date 8/31/16 Time 9:35 Preliminary check by [Signature]
Fee \$ 250.00 Receipted by [Signature] Receipt No. W044571 Date 8/31/16

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; must complete and attach the Municipal Water Right Application Checklist.
 - Domestic; show number of households _____
 - Other; describe fully. _____
9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16N	03E	20				17 7.0									4 15.0			2.0	24 21

Total number of acres to be irrigated: 21 24 acres 1-19-17

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? _____
11. a. Who owns the property at the point of diversion? MARION D AND JUDY L GROOTHUIS
- b. Who owns the land to be irrigated or place of use? MARION D AND JUDY L GROOTHUIS
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. I have 8 acres (water right 65-23540). Well is drilled (permit 967147-873206). Bought 21 contiguous acres in 2016. Fences will go up in 2016 to keep neighbor's cattle out. Rain for rent will install pivot system in 2017 to water entire 29 acres. Once that is done, I will prepare land, plant, water, develop pasture to raise cattle. If excess, will cut and bail to sell.
13. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

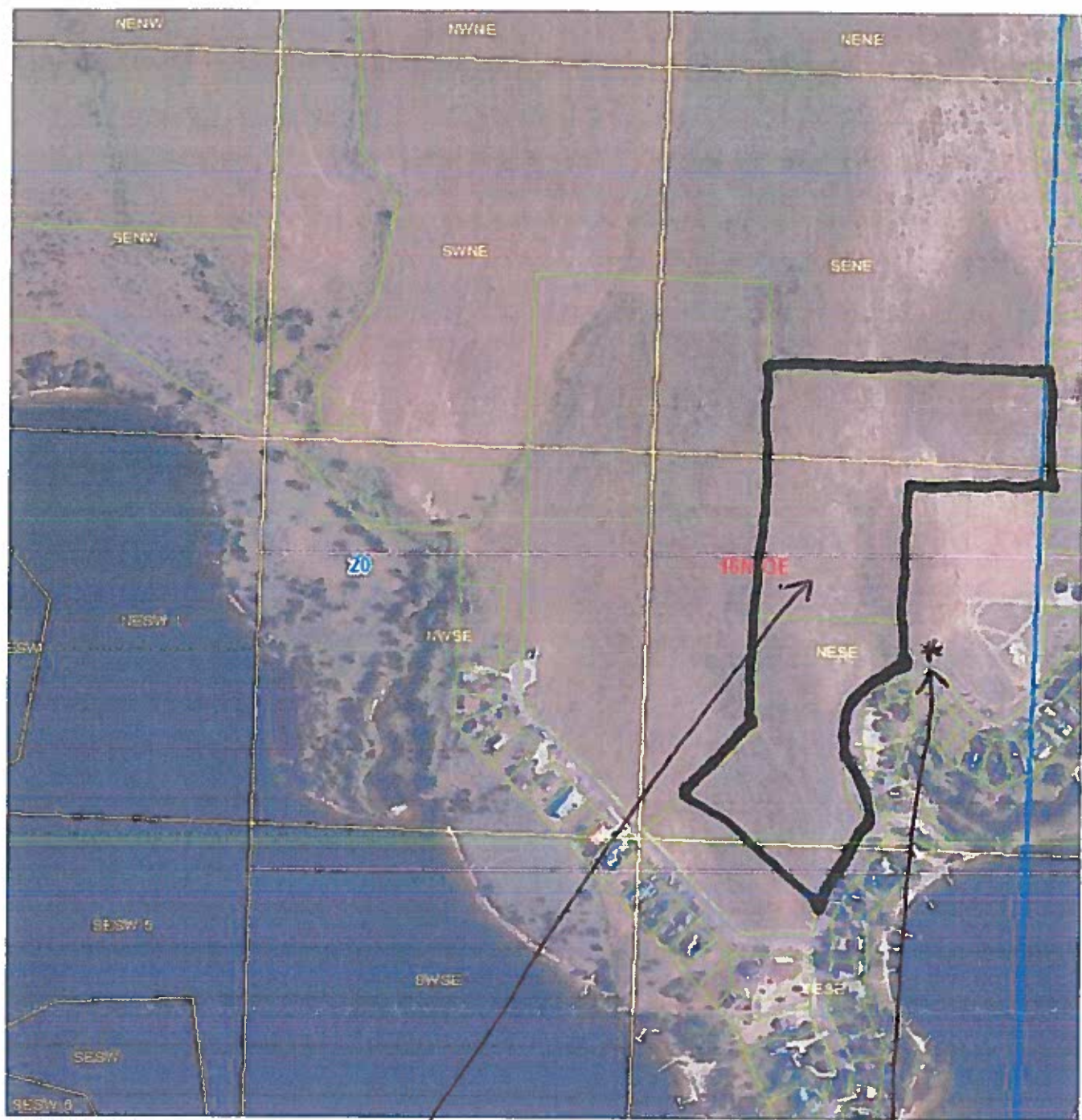
MARION D GROOTHUIS

Print Name (and title, if applicable)

Signature of Applicant

JUDY L GROOTHUIS

Print Name (and title, if applicable)



Place
of Use

Well - point of
diversion

Legal Description
21 acres

Date: 06/16/2016

Warranty Deed
- continued

File No.: 594117-MC (kt)

EXHIBIT A

A PARCEL OF LAND SITUATE IN THE EAST $\frac{1}{2}$ OF THE SOUTHEAST $\frac{1}{4}$ AND THE SE $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 20, T. 16 N., R. 3 E., B.M., VALLEY COUNTY, IDAHO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT AN ALUMINUM CAP MARKING THE $\frac{1}{4}$ CORNER COMMON TO SECTIONS 20 AND 21. T. 16 N., R. 3 E., B.M., VALLEY COUNTY, IDAHO, THE REAL POINT OF BEGINNING: THENCE, S. $00^{\circ}23'11''$ W., A DISTANCE OF 102.27 FEET ALONG THE WEST BOUNDARY OF SAGE MEADOWS ESTATES SUBDIVISION AS SHOWN ON THE OFFICIAL PLAT THEREOF ON FILE IN THE OFFICE OF THE RECORDER OF VALLEY COUNTY, IDAHO IN BOOK 9 ON PAGE 35 OF PLATS TO A $\frac{5}{8}$ INCH REBAR, THENCE, LEAVING SAID WEST BOUNDARY OF SAGE MEADOWS ESTATES SUBDIVISION. N. $89^{\circ}36'48''$ W., A DISTANCE OF 478.29 FEET TO A $\frac{5}{8}$ INCH REBAR; THENCE, S. $00^{\circ}23'12''$ W., A DISTANCE OF 674.79 FEET TO A $\frac{5}{8}$ INCH REBAR ON THE NORTH BOUNDARY OF NORWOOD ROAD, THENCE, S. $68^{\circ}37'09''$ W., A DISTANCE OF 154.08 FEET ALONG SAID NORTH BOUNDARY OF NORWOOD ROAD TO A $\frac{5}{8}$ INCH REBAR; THENCE, AN ARC DISTANCE OF 103.32 FEET ALONG A CURVE TO THE LEFT, WHOSE LONG CHORD BEARS S. $31^{\circ}37'14''$ W., A DISTANCE OF 96.29 FEET, WHOSE RADIUS IS 80.00 FEET, AND DELTA ANGLE IS $73^{\circ}59'51''$ ALONG SAID NORTH BOUNDARY OF NORWOOD ROAD TO A $\frac{5}{8}$ INCH REBAR, THENCE, S. $05^{\circ}22'51''$ E., A DISTANCE OF 223.69 FEET ALONG THE WEST BOUNDARY OF NORWOOD ROAD TO A $\frac{5}{8}$ INCH REBAR; THENCE, AN ARC DISTANCE OF 97.52 FEET ALONG A CURVE TO THE LEFT, WHOSE LONG CHORD BEARS S. $24^{\circ}00'21''$ E., A DISTANCE OF 95.81 FEET, WHOSE RADIUS IS 150.00 FEET, AND DELTA ANGLE IS $37^{\circ}15'00''$ ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A $\frac{5}{8}$ INCH REBAR, THENCE, S. $42^{\circ}37'51''$ E, A DISTANCE OF 49.23 FEET ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A $\frac{5}{8}$ INCH REBAR, THENCE, AN ARC DISTANCE OF 40.06 FEET ALONG A CURVE TO THE RIGHT WHOSE LONG CHORD BEARS S. $04^{\circ}22'35''$ E., A DISTANCE OF 37.15 FEET WHOSE RADIUS IS 30.00 FEET AND DELTA ANGLE IS $76^{\circ}30'32''$ ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A $\frac{5}{8}$ INCH REBAR, THENCE, S. $33^{\circ}52'09''$ W., A DISTANCE OF 256.64 FEET ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A $\frac{5}{8}$ INCH REBAR, THENCE, LEAVING SAID WEST BOUNDARY OF NORWOOD ROAD, N. $44^{\circ}47'49''$ W., A DISTANCE OF 572.52 FEET TO A $\frac{5}{8}$ INCH REBAR, THENCE, N. $45^{\circ}14'19''$ E., A DISTANCE OF 208.88 FEET TO A $\frac{5}{8}$ INCH REBAR, THENCE, N. $00^{\circ}17'25''$ E., A DISTANCE OF 1,210.97 FEET TO A $\frac{5}{8}$ INCH REBAR, THENCE, EAST, A DISTANCE OF 975.04 FEET TO A $\frac{5}{8}$ INCH REBAR, THENCE, S. $00^{\circ}23'11''$ W., A DISTANCE OF 255.75 FEET TO THE POINT OF BEGINNING.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0067343

Drilling Permit No. 967147-873206

Water right or injection well # 65-23540

2. OWNER:

Name Marion D or Judy L Groothuis

Address 3490 N Saddlemans Place

City Eagle State ID Zip 83616

3. WELL LOCATION:

Twp. 16 North ☒ or South ☐ Rge. 3 East ☒ or West ☐

Sec. 20 1/4 NE 1/4 SE 1/4

Gov't Lot County Valley

Lat. 44 42.429 (Deg. and Decimal minutes)

Long. 116 06.777 (Deg. and Decimal minutes)

Address of Well Site 12926 Norwood

City Donnelly

(Give at least name of road + distance to road or landmark)

Lot. 54 Blk. Sub. Name Edwards Ranch sub #1

4. USE:

☐ Domestic ☐ Municipal ☒ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other

6. DRILL METHOD:

☐ Air Rotary ☒ Mud Rotary ☐ Cable ☐ Other

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method/procedure
3/4 bentonite	0	80	3750 lbs	poured

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
8"	+2	91	.250	steel	☒	☐	☒
					☐	☐	☐
					☐	☐	☐
					☐	☐	☐

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s)

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N MethodManufactured screen ☒ Y ☐ N Type Johnson

Method of installation placed

From (ft)	To (ft)	Slot size	Number/m	Diameter (nominal)	Material	Gauge or Schedule
91	111	.020	---	8"	stainless	

Length of Headpipe Length of Tailpipe

Packer ☐ Y ☒ N Type

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method
8/12 silica	80	112	2400 lbs	poured

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG)

Describe control device

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 21ft Static water level (ft) 21ft

Water temp. (°F) 52degF

Bottom hole temp. (°F)

Describe access port turtle cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
---	200+	45 minutes

Test method:

Pump	Bailer	Air	Flowing artesian
☐	☐	☒	☐

Water quality test or comments:

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
12"	0	2	top soil		X
"	2	10	coarse sand		X
"	10	18	tan clay		X
"	18	29	coarse sand	X	
"	29	34	tan clay		X
"	34	38	sand	X	
"	38	42	blue clay		X
"	42	50	coarse sand	X	
"	50	52	blue clay		X
"	52	61	gray sand	X	
"	61	65	blue clay		X
"	65	112	gray sand with small clay streaks	X	

Completed Depth (Measurable): 112ft

Date Started: Aug 25, 2014

Date Completed: Aug 27, 2014

14. DRILLER'S CERTIFICATION:

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

Company Name Coense Well Drilling Co. No. 409

*Principal Driller Date Sep 2, 2014

*Driller Date Sep 2, 2014

*Operator II Date

Operator I Date

* Signature of Principal Driller and rig operator are required.

RECEIVED

FORM 202 Rev. 07/15

AUG 31 2016
Original
WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 65-23669

1. Name of applicant(s) MARION D AND JUDY GROOTHUIS Phone 208-850-0617
 Name connector (check one): ☒ and ☐ or ☐ and/or
 Mailing address 3490 N SADDLEMAN PLACE, EAGLE, ID 83616 Email growthis@aol.com
2. Name of representative, if any _____ Phone _____
 Mailing address _____ Email _____
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☐ Send original correspondence to the applicant and copies to the representative.
- b. ☐ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant.
3. Source of water supply GROUND WATER which is a tributary of _____
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
16N	03E	20		SE	SE	NE	VALLEY	GROUND WATER	WELL TAG D0067343

5. Water will be used for the following purposes:
 Amount 0.6 CFS for CROP IRRIGATION 21 ACRE purposes from 4/15 to 10/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) 0.6 CFS cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. EXISTING WELL FOR WATER RIGHT 65-23540 FOR EXISTING 8 ACRES- JUST BOUGHT ANOTHER 21 CONTIGUOUS ACRES
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ No
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☐ No
- e. If well is already drilled, when? 09/02/2014; drilling firm COONSE WELL DRILLING;
 well was drilled for (well owner) MARION D AND JUDY L GROOTHUIS; Drilling Permit No. 967147-873206

Received by [Signature] Date 8/31/16 Time 9:35 Preliminary check by _____
 Fee \$ 250.00 Received by [Signature] Receipt No. W044571 Date 8/31/16

Superseded by Amended App Received 1/24/17

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; must complete and attach the Municipal Water Right Application Checklist.
 - Domestic; show number of households _____
 - Other; describe fully. _____
9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16N	03E	20				17									4				21

Total number of acres to be irrigated: 21

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? _____
11. a. Who owns the property at the point of diversion? MARION D AND JUDY L GROOTHUIS
b. Who owns the land to be irrigated or place of use? MARION D AND JUDY L GROOTHUIS
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. I have 8 acres (water right 65-23540). Well is drilled (permit 967147-873206). Bought 21 contiguous acres in 2016. Fences will go up in 2016 to keep neighbor's cattle out. Rain for rent will install pivot system in 2017 to water entire 29 acres. Once that is done, I will prepare land, plant, water, develop pasture to raise cattle. If excess, will cut and bail to sell.
13. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

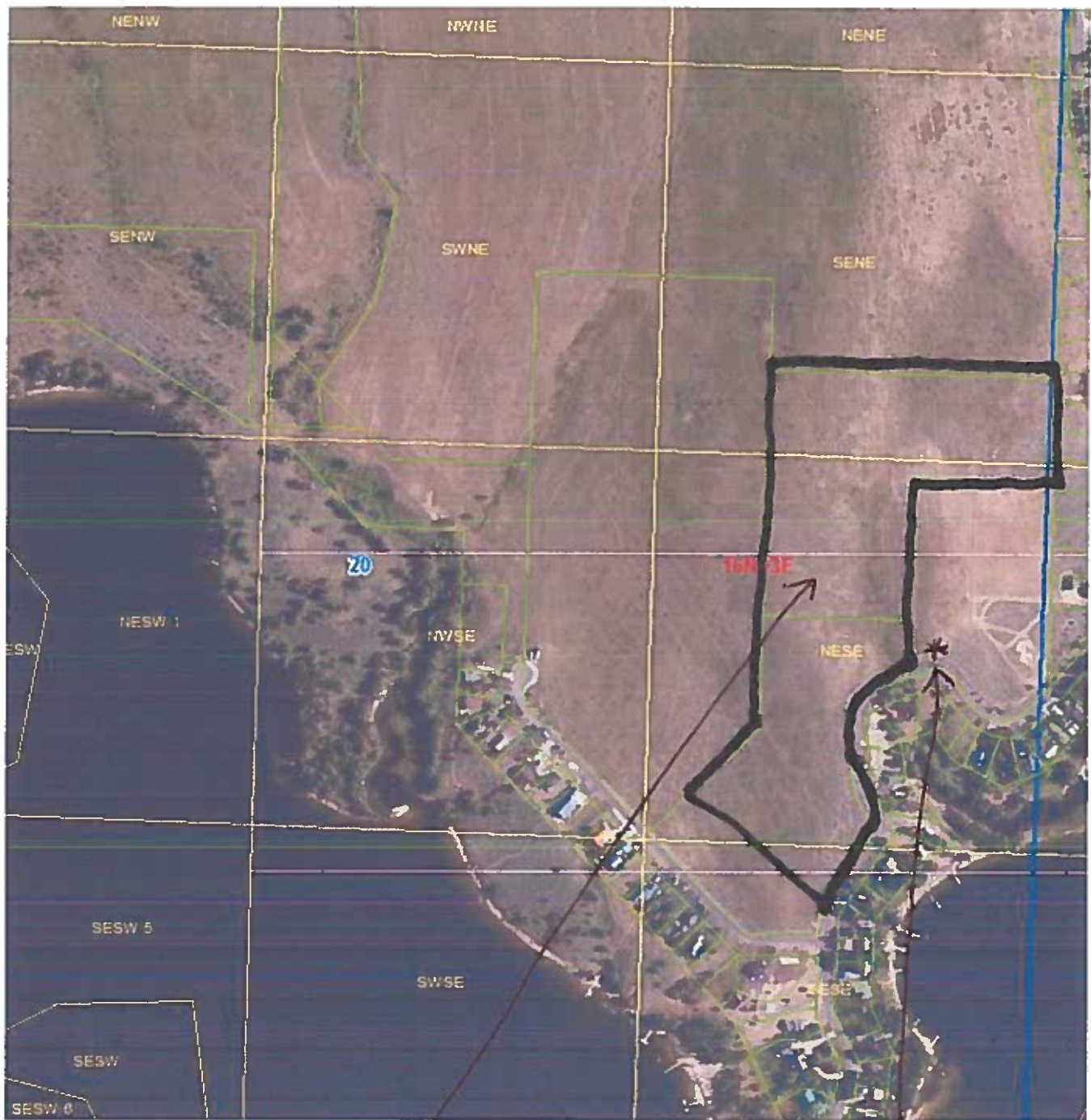
MARION D GROOTHUIS

Print Name (and title, if applicable)

Signature of Applicant

JUDY L GROOTHUIS

Print Name (and title, if applicable)



Place
of Use

Well - point of
diversion

Superseded by Amended App Received 1/24/17

Legal Description
21 acres

Date: 06/16/2016

Warranty Deed
- continued

File No.: 594117-MC (kt)

EXHIBIT A

A PARCEL OF LAND SITUATE IN THE EAST ½ OF THE SOUTHEAST ¼ AND THE SE¼NE¼ OF SECTION 20, T. 16 N., R. 3 E., B.M., VALLEY COUNTY, IDAHO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT AN ALUMINUM CAP MARKING THE 1/4 CORNER COMMON TO SECTIONS 20 AND 21. T. 16 N., R. 3 E., B.M., VALLEY COUNTY, IDAHO, THE REAL POINT OF BEGINNING:

THENCE, S. 00°23'11" W., A DISTANCE OF 102.27 FEET ALONG THE WEST BOUNDARY OF SAGE MEADOWS ESTATES SUBDIVISION AS SHOWN ON THE OFFICIAL PLAT THEREOF ON FILE IN THE OFFICE OF THE RECORDER OF VALLEY COUNTY, IDAHO IN BOOK 9 ON PAGE 35 OF PLATS TO A 5/8 INCH REBAR,
THENCE, LEAVING SAID WEST BOUNDARY OF SAGE MEADOWS ESTATES SUBDIVISION. N. 89°36'48" W., A DISTANCE OF 478.29 FEET TO A 5/8 INCH REBAR; THENCE, S. 00°23'12" W., A DISTANCE OF 674.79 FEET TO A 5/8 INCH REBAR ON THE NORTH BOUNDARY OF NORWOOD ROAD,
THENCE, S. 68°37'09" W., A DISTANCE OF 154.08 FEET ALONG SAID NORTH BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR; THENCE, AN ARC DISTANCE OF 103.32 FEET ALONG A CURVE TO THE LEFT, WHOSE LONG CHORD BEARS S. 31°37'14" W., A DISTANCE OF 96.29 FEET, WHOSE RADIUS IS 80.00 FEET, AND DELTA ANGLE IS 73°59'51" ALONG SAID NORTH BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, S. 05°22'51" E., A DISTANCE OF 223.69 FEET ALONG THE WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR; THENCE, AN ARC DISTANCE OF 97.52 FEET ALONG A CURVE TO THE LEFT, WHOSE LONG CHORD BEARS S. 24°00'21" E., A DISTANCE OF 95.81 FEET, WHOSE RADIUS IS 150.00 FEET, AND DELTA ANGLE IS 37°15'00" ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, S. 42°37'51" E, A DISTANCE OF 49.23 FEET ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, AN ARC DISTANCE OF 40.06 FEET ALONG A CURVE TO THE RIGHT WHOSE LONG CHORD BEARS S. 04°22'35" E., A DISTANCE OF 37.15 FEET WHOSE RADIUS IS 30.00 FEET AND DELTA ANGLE IS 76°30'32" ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, S. 33°52'09" W., A DISTANCE OF 256.64 FEET ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, LEAVING SAID WEST BOUNDARY OF NORWOOD ROAD, N. 44°47'49" W., A DISTANCE OF 572.52 FEET TO A 5/8 INCH REBAR, THENCE, N. 45°14'19" E., A DISTANCE OF 208.88 FEET TO A 5/8 INCH REBAR, THENCE, N. 00°17'25" E., A DISTANCE OF 1,210.97 FEET TO A 5/8 INCH REBAR, THENCE, EAST, A DISTANCE OF 975.04 FEET TO A 5/8 INCH REBAR, THENCE, S.00°23'11" W., A DISTANCE OF 255.75 FEET TO THE POINT OF BEGINNING.

Superseded by Amended App Received 1/24/17

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0087343
Drilling Permit No. 967147-873208
Water right or injection well # 65-23540

2. OWNER:
Name Marion D or Judy L Groothuis
Address 3490 N Saddleman Place
City Eagle State ID Zip 83616

3. WELL LOCATION:
Twp. 16 North ☒ or South ☐ Rge. 3 East ☒ or West ☐
Sec. 20 1/4 NE 1/4 SE 1/4

Gov't Lot _____ County Valley
Lat. 44 42.429 (Deg. and Decimal minutes)
Long. 116 06.777 (Deg. and Decimal minutes)
Address of Well Site 12926 Norwood

(Give at least name of road + distance to road at landmark)
City Donnelly
Lot. 54 Blk. _____ Sub. Name Edwards Ranch sub #1

4. USE:
☐ Domestic ☐ Municipal ☒ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK:
☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:
☐ Air Rotary ☒ Mud Rotary ☐ Cable ☐ Other _____

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
3/4 bentonite	0	80	3750lbs	poured

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
8"	+2	91	.250	steel	☒	☐	☒

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:
Perforations ☐ Y ☒ N Method _____
Manufactured screen ☒ Y ☐ N Type johnson
Method of installation placed

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
91	111	.020	---	8"	stainless	

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☒ N Type _____

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
8/12 silica	80	112	2400lbs	poured

11. FLOWING ARTESIAN:
Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 21ft Static water level (ft) 21ft
Water temp. (°F) 52degF Bottom hole temp. (°F) _____
Describe access port turtle cap

Well test:	Discharge or yield (gpm)	Test duration (minutes)	Test method:	Pump	Ball	Air	Flowing artesian
	200+	45minutes		☐	☐	☒	☐

Water quality test or comments: _____

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
12"	0	2	top soil		X
"	2	10	coarse sand		X
"	10	18	tan clay		X
"	18	29	coarse sand	X	
"	29	34	tan clay		X
"	34	38	sand	X	
"	38	42	blue clay		X
"	42	50	coarse sand	X	
"	50	52	blue clay		X
"	52	61	gray sand	X	
"	61	65	blue clay		X
"	65	112	gray sand with small clay streaks	X	

Completed Depth (Measurable): 112ft
Date Started: Aug 25, 2014 Date Completed: Aug 27, 2014

14. DRILLER'S CERTIFICATION:
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Coonse Well Drilling Co. No. 409
*Principal Driller [Signature] Date Sep 2, 2014
*Driller [Signature] Date Sep 2, 2014
*Operator II _____ Date _____
Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

Superseded by Amended App Received 1/24/17



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

May 11, 2017

JUDY L GROOTHUIS
MARION D GROOTHUIS
3490 N SADDLEMAN PL
EAGLE, ID 83616

Application for Permit No. 65-23669

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the STAR NEWS on 5/18/2017 and 5/25/2017. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

A handwritten signature in black ink, appearing to be 'R Neely', followed by a horizontal line.

Rachel Neely
Administrative Assistant

Neely, Rachel

From: Neely, Rachel
Sent: Thursday, May 11, 2017 1:39 PM
To: 'The Star-News'
Subject: Valley Legal Ads
Attachments: Valley Cover Letter.docx; Valley Legal Ad.docx

Good Afternoon Legal Clerk,

Please see the attached ads for publication on 5/18/2017 & 5/25/2017.

Please confirm these are okay to publish as shown.

Thank you,

Rachel Neely

Administrative Assistant I
IDWR-Western Region
2735 Airport Way Boise, ID 83705
Rachel.Neely@idwr.idaho.gov

May 11, 2017

LEGAL NOTICE DEPARTMENT
STAR NEWS
1000 1ST ST
MC CALL, ID 83638

RE: Application for Permit No. 65-23668
 Application for Permit No. 65-23669
 Application for Permit No. 65-23683
 Application for Permit No. 65-23688
 Application for Permit No. 65-23690
 Application for Transfer No. 81190

Dear Legal Notice Department:

Please publish the enclosed legal notices on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notices on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 6/5/2017. Your cooperation is appreciated.

Sincerely,

Rachel Neely
Administrative Assistant

Enclosure(s)

The following applications have been filed to appropriate the public waters of the State of Idaho:

65-23668

LARRY FITZGERALD
279 BACON CREEK RD
CASCADE, ID 83611
Point of Diversion NWSE S9 T11N R04E VALLEY County Source UNNAMED STREAM Tributary BACON CREEK
Use: AESTHETIC STORAGE 01/01 to 12/31 0.5 AF
Use: WILDLIFE STORAGE 01/01 to 12/31 0.5 AF
Total Diversion: 0.5 AF
Date Filed: 8/24/2016
Places of Use: WILDLIFE STORAGE, AESTHETIC STORAGE
T11N R04E S9 NWSE

65-23669

JUDY L GROOTHUIS
MARION D GROOTHUIS
3490 N SADDLEMAN PL
EAGLE, ID 83616
Point of Diversion NESE S20 T16N R03E VALLEY County Source GROUND WATER
Use: IRRIGATION 04/15 to 10/31 0.48 CFS
Total Diversion: 0.48 CFS
Date Filed: 8/31/2016
Place of Use: IRRIGATION
T16N R03E S20 SENE NESE SESE
Total Acres: 24

65-23683

ALZAR SCHOOL INC
PO BOX 1609
CASCADE, ID 83611
Point of Diversion L1(NWNW) S8 T13N R04E VALLEY County Source GROUND WATER
Use: DOMESTIC 01/01 to 12/31 0.16 CFS
Use: IRRIGATION 04/15 to 10/31 0.24 CFS
Total Diversion: 0.4 CFS
Date Filed: 12/27/2016
Places of Use: DOMESTIC, IRRIGATION
T13N R04E S8 L1(NWNW)
Total Acres: 4

65-23688

SCOTT ROBERT GRESSLEY
KYLIE VICTORIA GRESSLEY
1093 FOOTHILL DR
VALE, OR 97918
Point of Diversion SESE S5 T16N R03E VALLEY County Source GROUND WATER
Use: IRRIGATION 04/15 to 10/15 2 CFS
Total Diversion: 2 CFS
Date Filed: 3/16/2017
Place of Use: IRRIGATION
T16N R03E S4 L4(NWNW) SWNW NWSW SWSW
T16N R03E S5 L1(NENE) L2(NWNE) SWNE SENE L3(NENW) L4(NWNW) SWNW NESE NWSE SESE
T16N R03E S6 L1(NENE)
T16N R03E S9 NWNW SWNW
Total Acres: 456.8

65-23690

PATRICK HILL
PO BOX 4529
MCCALL, ID 83638
Point of Diversion L3(NWNE) S17 T18N R03E VALLEY County Source UNNAMED STREAM Tributary NORTH FORK PAYETTE RIVER
Point of Diversion L8(SWSE) S8 T18N R03E VALLEY County Source UNNAMED STREAM Tributary NORTH FORK PAYETTE RIVER
Use: IRRIGATION FROM STORAGE 04/15 to 10/31 2.5 AF
Use: IRRIGATION STORAGE 01/01 to 12/31 2.5 AF
Use: RECREATION STORAGE 01/01 to 12/31 8.9 AF
Use: WILDLIFE STORAGE 01/01 to 12/31 8.9 AF
Total Diversion: 11.4 AF
Date Filed: 2/21/2017
Place Of Use: RECREATION STORAGE, IRRIGATION FROM STORAGE, WILDLIFE STORAGE, IRRIGATION STORAGE
T18N R03E S8 L8(SWSE)
T18N R03E S17 L3(NWNE)
Total Acres: 1

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 81190**

M & T RANCHES LLC, PO BOX 30, OLA, ID 83657; has filed Application No. 81190 for changes to the following water rights within GEM, VALLEY County(s): Right No(s) 65-10473, 65-2945, 65-3061, 65-3062, 65-3063, 65-3064, 65-3065, 65-3069, 65-9538, 65-9539. The purpose of this transfer is to define a permissible place of use for 10 water rights to use the available water supply on the property more efficiently. The applicant is installing pivots and other sprinkler irrigation methods to better utilize the available water supply for the ranch. Water will be used at the current place of use generally located south of Holbrook Lane, approximately 1.5 miles southeast of Ola, Idaho.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Western Region office at 208-334-2190, or for a full description of the right(s) or proposed transfer (s) please see www.idwr.idaho.gov. Protests may be submitted based on the criteria of Idaho Code §§ 42-203A and 42-222. Any protest against the approval of the application(s) must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, ID 83705 together with a protest fee of \$25.00 for each application on or before 6/5/2017. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 5/18/2017 and 5/25/2017



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

December 20, 2016

COPY

Marion D. and Judy Groothuis
3490 N. Saddleman Place
Eagle, Idaho 83616

RE: Application for Permit – Request for more information

Dear Mr. and Mrs. Groothuis,

The purpose of this letter is to request additional information related to the application for permit 65-23669 received on August 31, 2016.

1. The location of the point of diversion (POD) noted in section 4 is not consistent with what is illustrated in the attached map. Based on the map, the POD is located within the NE of the SE (NESE) quarter-quarter (QQ), not the SE of the NE (SENE).
2. The amount of water requested in sections 5 and 6, 0.6 cubic feet per second (cfs), is greater than what is generally allowed for appropriation. For irrigation, the general rule is 0.02 cfs per acre, which based on your place of use (POU) equates to 0.42 cfs ((21 acres)*(0.02 cfs/acre) = 0.42 cfs). You have a couple options to address. You can provide IDWR with sufficient justification for the additional 0.18 cfs, or you can edit the requested amount to note 0.42 cfs.
3. There appears to be a few errors in section 9. (1) The noted acreages within the SENE and NESE QQs appear to be backwards, according to the map, acreage within the NESE is larger than the acreage within the SENE. (2) According to the map, there appears to be acreage within the SESE QQ that will need to be noted in section 9. (3) The total irrigable acreage noted in section 9 is 21 acres; using the provided map (and POU) for reference there appears to be approximately 6.6 acres in SENE, 15.1 acres in NESE, and 1.3 acres in SESE, which represents approximately 23 acres total. Please verify the total acreage and POU (on map) is correct. During licensing process, the total acreage noted in the application cannot increase in size, it can only decrease.

An amended application is attached, please update/correct sections 4, 5, 6, 9, and the attached map (if needed) as indicated above. To complete edits, (1) line out the error(s), (2) note correct information, and (3) initial and date each correction. When complete, please return the amended application to Idaho Department of Water Resources Western Region. If you have any questions you can contact me at (208) 334-2190, or by email at erik.boe@idwr.idaho.gov.

Sincerely,

Erik Boe, P.E.
Staff Engineer, IDWR Western Region

RECEIVED

AMENDED

COPY

FORM 202 Rev. 0 AUG 31 2015

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. 65-23669

COPY

1. Name of applicant(s) MARION D AND JUDY GROOTHUIS Phone 208-850-0617
 Name connector (check one): ☒ and ☐ or ☐ and/or
 Mailing address 3490 N SADDLEMAN PLACE, EAGLE, ID 83616 Email growthis@aol.com
2. Name of representative, if any _____ Phone _____
 Mailing address _____ Email _____
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☐ Send original correspondence to the applicant and copies to the representative.
- b. ☐ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant.
3. Source of water supply GROUND WATER which is a tributary of _____
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
16N	03E	20		SE	SE	NE	VALLEY	GROUND WATER	WELL TAG D0067343

5. Water will be used for the following purposes:
 Amount 0.6 CFS for CROP IRRIGATION 21 ACRE purposes from 4/15 to 10/31 (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) 0.6 CFS cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. EXISTING WELL FOR WATER RIGHT 65-23540 FOR EXISTING 8 ACRES- JUST BOUGHT ANOTHER 21 CONTIGUOUS ACRES
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ No
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☐ No
- e. If well is already drilled, when? 09/02/2014; drilling firm COONSE WELL DRILLING;
 well was drilled for (well owner) MARION D AND JUDY L GROOTHUIS; Drilling Permit No. 967147-873206

Received by [Signature] Date 8/31/16 Time 9:35 Preliminary check by _____
 Fee \$ 250.00 Receipt by [Signature] Receipt No. W044571 Date 8/31/16

For Department Use

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; must complete and attach the Municipal Water Right Application Checklist.
 - Domestic; show number of households _____
 - Other; describe fully. _____

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16N	03E	20				17									4				21

Total number of acres to be irrigated: 21

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? _____
11. a. Who owns the property at the point of diversion? MARION D AND JUDY L GROOTHUIS
- b. Who owns the land to be irrigated or place of use? MARION D AND JUDY L GROOTHUIS
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____
12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. I have 8 acres (water right 65-23540). Well is drilled (permit 967147-873206). Bought 21 contiguous acres in 2016. Fences will go up in 2016 to keep neighbor's cattle out. Rain for rent will install pivot system in 2017 to water entire 29 acres. Once that is done, I will prepare land, plant, water, develop pasture to raise cattle. If excess, will cut and bail to sell.
13. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).
14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

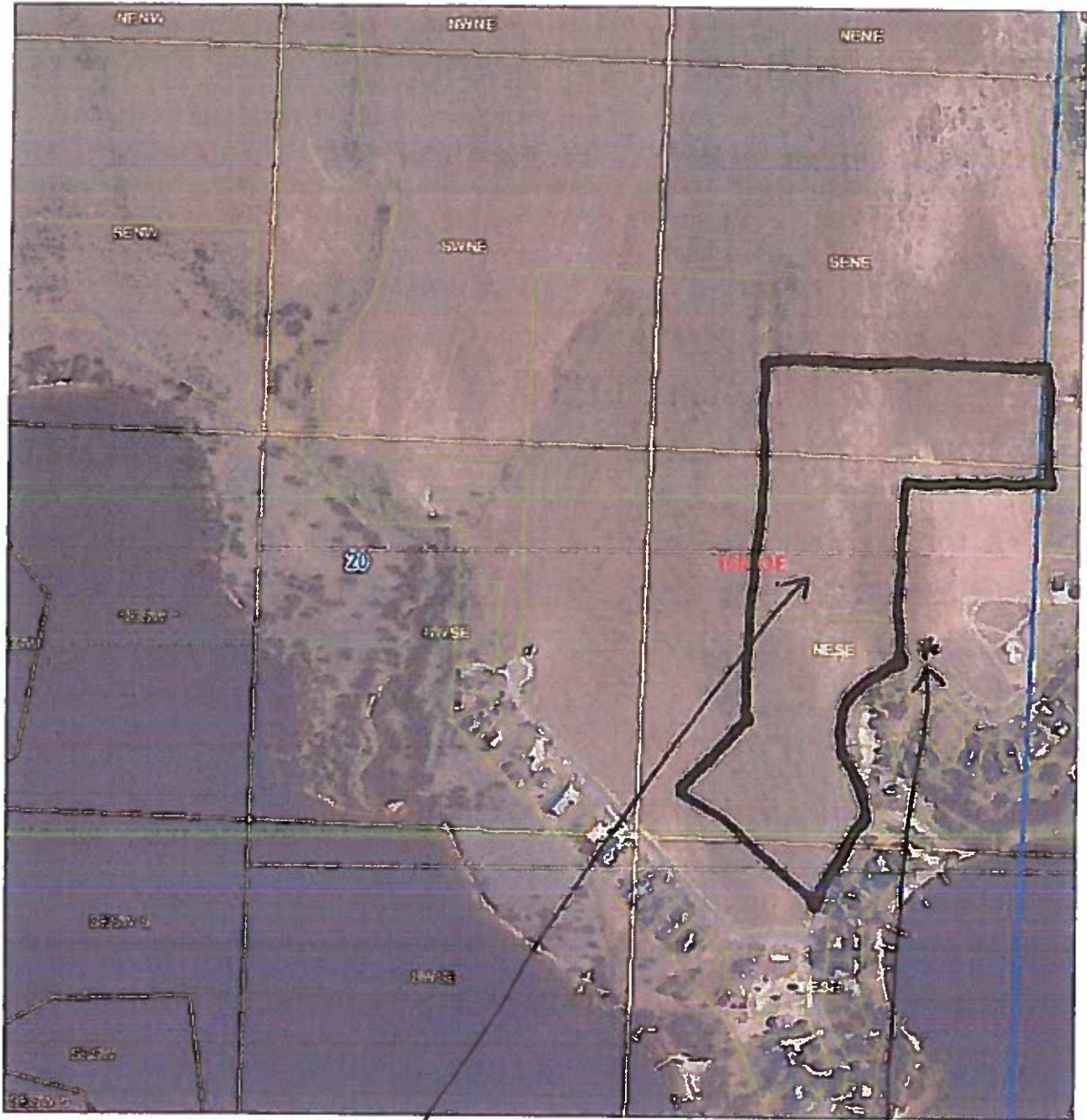
MARION D GROOTHUIS

Print Name (and title, if applicable)

Signature of Applicant

JUDY L GROOTHUIS

Print Name (and title, if applicable)



Place
of Use

Well - point of
diversion

Legal Description
21 acres

Date: 06/16/2016

Warranty Deed
- continued

File No.: 594117-MC (kt)

EXHIBIT A

A PARCEL OF LAND SITUATE IN THE EAST ½ OF THE SOUTHEAST ¼ AND THE SE¼NE¼ OF SECTION 20, T. 16 N., R. 3 E., B.M., VALLEY COUNTY, IDAHO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT AN ALUMINUM CAP MARKING THE 1/4 CORNER COMMON TO SECTIONS 20 AND 21, T. 16 N., R. 3 E., B.M., VALLEY COUNTY, IDAHO, THE REAL POINT OF BEGINNING:

THENCE, S. 00°23'11" W., A DISTANCE OF 102.27 FEET ALONG THE WEST BOUNDARY OF SAGE MEADOWS ESTATES SUBDIVISION AS SHOWN ON THE OFFICIAL PLAT THEREOF ON FILE IN THE OFFICE OF THE RECORDER OF VALLEY COUNTY, IDAHO IN BOOK 9 ON PAGE 35 OF PLATS TO A 5/8 INCH REBAR,
THENCE, LEAVING SAID WEST BOUNDARY OF SAGE MEADOWS ESTATES SUBDIVISION, N. 89°36'48" W., A DISTANCE OF 478.29 FEET TO A 5/8 INCH REBAR; THENCE, S. 00°23'12" W., A DISTANCE OF 674.79 FEET TO A 5/8 INCH REBAR ON THE NORTH BOUNDARY OF NORWOOD ROAD,
THENCE, S. 68°37'09" W., A DISTANCE OF 154.08 FEET ALONG SAID NORTH BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR; THENCE, AN ARC DISTANCE OF 103.32 FEET ALONG A CURVE TO THE LEFT, WHOSE LONG CHORD BEARS S. 31°37'14" W., A DISTANCE OF 96.29 FEET, WHOSE RADIUS IS 80.00 FEET, AND DELTA ANGLE IS 73°59'51" ALONG SAID NORTH BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, S. 05°22'51" E., A DISTANCE OF 223.69 FEET ALONG THE WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR; THENCE, AN ARC DISTANCE OF 97.52 FEET ALONG A CURVE TO THE LEFT, WHOSE LONG CHORD BEARS S. 24°00'21" E., A DISTANCE OF 95.81 FEET, WHOSE RADIUS IS 150.00 FEET, AND DELTA ANGLE IS 37°15'00" ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, S. 42°37'51" E., A DISTANCE OF 49.23 FEET ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, AN ARC DISTANCE OF 40.06 FEET ALONG A CURVE TO THE RIGHT WHOSE LONG CHORD BEARS S. 04°22'35" E., A DISTANCE OF 37.15 FEET WHOSE RADIUS IS 30.00 FEET AND DELTA ANGLE IS 76°30'32" ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, S. 33°52'09" W., A DISTANCE OF 256.64 FEET ALONG SAID WEST BOUNDARY OF NORWOOD ROAD TO A 5/8 INCH REBAR, THENCE, LEAVING SAID WEST BOUNDARY OF NORWOOD ROAD, N. 44°47'49" W., A DISTANCE OF 572.52 FEET TO A 5/8 INCH REBAR, THENCE, N. 45°14'19" E., A DISTANCE OF 208.88 FEET TO A 5/8 INCH REBAR, THENCE, N. 00°17'25" E., A DISTANCE OF 1,210.97 FEET TO A 5/8 INCH REBAR, THENCE, EAST, A DISTANCE OF 975.04 FEET TO A 5/8 INCH REBAR, THENCE, S. 00°23'11" W., A DISTANCE OF 255.75 FEET TO THE POINT OF BEGINNING.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0067343

Drilling Permit No. 967147-873206

Water right or injection well # 65-23540

2. OWNER:

Name Marion D or Judy L Groothuis

Address 3490 N Saddleman Place

City Eagle State ID Zip 83616

3. WELL LOCATION:

Twp. 16 North ☒ or South ☐ Rge 3 East ☒ or West ☐

Sec. 20 1/4 NE 1/4 SE 1/4

Gov't Lot County Valley

Lat. 44 42.429 (Deg. and Decimal minutes)

Long. 116 06.777 (Deg. and Decimal minutes)

Address of Well Site 12826 Norwood

City Donnelly

Lot 54 Blk. Sub. Name Edwards Ranch sub #1

4. USE:

☐ Domestic ☐ Municipal ☒ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other

6. DRILL METHOD:

☐ Air Rotary ☒ Mud Rotary ☐ Cable ☐ Other

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method/procedure
3/4 bentonite	0	80	3750lbs	poured

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
8"	+2	91	.250	steel	☒	☐	☒

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s)

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method

Manufactured screen ☒ Y ☐ N Type Johnson

Method of installation placed

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
91	111	.020	—	8"	stainless	

Length of Headpipe Length of Tailpipe

Packer ☐ Y ☒ N Type

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method
8/12 silica	80	112	2400lbs	poured

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG)

Describe control device

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 21ft Static water level (ft) 21ft

Water temp. (°F) 52degF

Bottom hole temp. (°F)

Describe access port turtle cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
	200+	45minutes

Test method:

Pump	Bailer	Air	Flowing artesian
☐	☐	☒	☐

Water quality test or comments:

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
12"	0	2	top soil		X
"	2	10	coarse sand		X
"	10	18	tan clay		X
"	18	29	coarse sand	X	
"	29	34	tan clay		X
"	34	38	sand	X	
"	38	42	blue clay		X
"	42	50	coarse sand	X	
"	50	52	blue clay		X
"	52	61	gray sand	X	
"	61	65	blue clay		X
"	65	112	gray sand with small clay streaks	X	

Completed Depth (Measurable): 112ft

Date Started: Aug 25, 2014

Date Completed: Aug 27, 2014

14. DRILLER'S CERTIFICATION:

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

Company Name Coonse Well Drilling Co. No. 409

*Principal Driller Date Sep 2, 2014

*Driller Date Sep 2, 2014

*Operator II Date

Operator I Date

* Signature of Principal Driller and rig operator are required.