

WATER RESOURCES
RECEIVED

JUN 10 2024

Submit To: CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, Kansas 66502
http://agriculture.ks.gov/dwr

**APPLICATION FOR APPROVAL TO
CHANGE THE PLACE OF USE, THE
POINT OF DIVERSION OR THE USE
MADE OF THE WATER UNDER AN
EXISTING WATER RIGHT**

KS Dept. of Agriculture



State of Kansas

Filing Fee Must Accompany the Application

(Please refer to Fee Schedule on signature page of application form.)

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1. Application is hereby made for approval of the Chief Engineer to change the

- Place of Use
- (Check one or more) Point of Diversion
- Use Made of Water

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JUN 06 2024

File No. 4159

Garden City Field Office
Division of Water Resources

2. Name of applicant: Michael Amerin

Address: 23463 Road V

City, State and Zip: Plains, KS 67869

Phone Number: (620)655-9011

E-mail address: _____

What is your relationship to the water right; owner tenant agent other? If other, please explain. _____

Name of water use correspondent: SAME AS ABOVE

Address: _____

City, State and Zip: _____

Phone Number: (_____) _____

E-mail address: _____

3. The change(s) proposed herein are desired for the following reasons (please be specific): _____

Application proposes to have an additional well under this water right and reduce the effects from just one well.

The change(s) will be completed by After approval of the application

(Date)

For Office Use Only:

F.O. 4 GMD 3 Meets K.A.R. 5-5-1 YES / NO Use IRR Source G / S County ME By KJN Date 6/11/24
Code C67 Fee \$ 200.00 TR # _____ Receipt Date 6-10-24 Check # 509

6/11/2024
KAnderson

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KS Dept. of Agriculture

6. The presently authorized point(s) of diversion is One well, pump, discharge
(Provide description and number of points)

7. The proposed point(s) of diversion are Two wells, pumps, discharges
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**
 One in the SW Quarter of the SW Quarter of the SW Quarter of Section 9, Township 32 South, Range 30 W, in Meade County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate 1580gpm Authorized Quantity 960AF
 (DWR use only: Computer ID No. _____ GPS 548 feet North 5201 feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the SW Quarter of the SW Quarter of the SW Quarter of Section 9, Township 32 South, Range 30 W, in Meade County, Kansas, 548 feet North 5201 feet West of Southeast corner of section.
 Proposed Rate 980 GPM Proposed Quantity 585 AF
 This point is: Additional Well Geo Center List other water rights that will use this point _____

9. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the SE Quarter of the SE Quarter of the NE Quarter of Section 8, Township 32 South, Range 30 W, in Meade County, Kansas, 2995 feet North 113 feet West of Southeast corner of section.
 Proposed Rate 600 GPM Proposed Quantity 375 AF
 This point is: Additional Well Geo Center List other water rights that will use this point _____

10. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. _____

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4. The presently authorized place of use is:

Owner of Land — NAME: Michael Amerin

KS Dept. of Agriculture

ADDRESS: 4098 N RD, Plains, KS 67869

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
4	32s	30w									31.0	31.0	31.0	31.0					124.0
8	32s	30w	31.25	31.25	31.25	31.25									31.25	31.25	31.25	31.25	250.0
9	32s	30w					32.25	32.25	39.25	31.25	31.25	39.25	31.25	31.25					266.0

List any other water rights that cover this place of use.

Owner of Land — NAME:

ADDRESS:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

List any other water rights that cover this place of use.

(If there are more than two landowners, attach additional sheets as necessary.)

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: NO CHANGE

ADDRESS:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

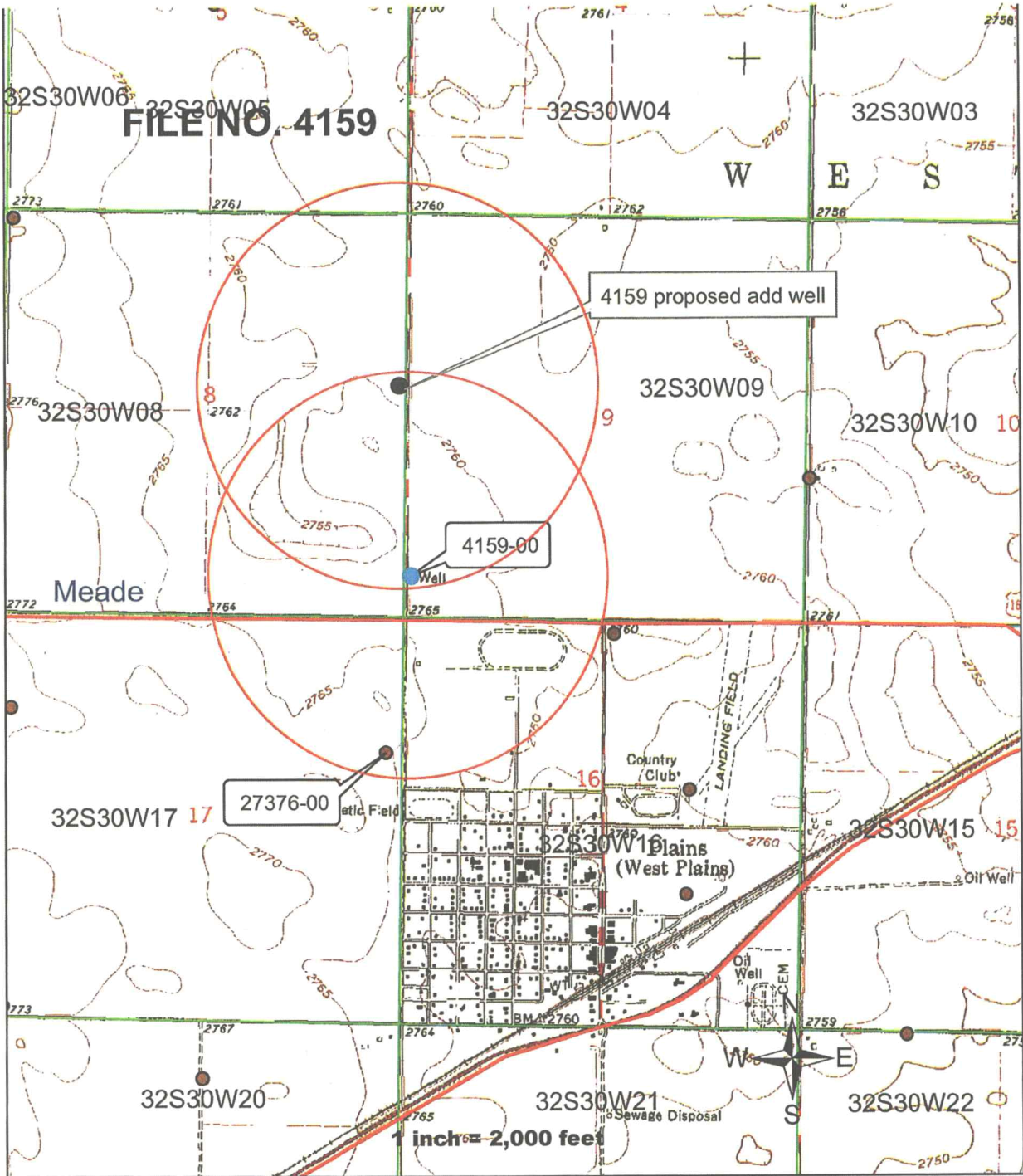
List any other water rights that cover this place of use.

Owner of Land — NAME:

ADDRESS:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

List any other water rights that cover this place of use.



**APPLICATION TO CHANGE THE POINT OF DIVERSION
ADD AN ADDITIONAL WELL**

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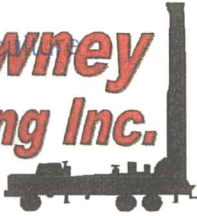
WELL LOG

DATE: 5/1/2024

JUN 10 2024

KS Dept. of

**Downey
Drilling Inc.**



Best

CUSTOMER NAME: MICHAEL AMERIN

TH#1-24

LEGAL: NE 8-32S-30W

COUNTY: MEADE CO, KS

GPS: 37.279732

-100.599176

DRILLER: DIEGO

WO: 23-666

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
0	4		TOP SOIL	SOFT	BLACK	FAST		SMOOTH
4	10		BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
10	21		TAN CLAY	SOFT	TAN	SLOW		SMOOTH
21	38		SANDY CLAY W/ CALICHE	FIRM	TAN & WHITE	FASTER		CHOPPY
38	45		FINE SAND	SOFT		FAST		VIBRATION
45	66		FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
66	79		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
79	90		FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
90	96		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
96	103		SANDY CLAY W/ FINE SAND	SOFT	BROWN	FAST		SMOOTH & VIBRATION
103	109		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
109	115		FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
115	120		SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
120	134		FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
134	135		CEMENTED SAND	HARD		SLOW		CHATTER
135	159		FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
159	167		SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
167	177		FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
177	183		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
183	205		FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
205	208		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
208	216		FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
216	220		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
220	230		FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
230	235		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
235	268		FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
268	271		BROWN CLAY LEDGE	SOFT	BROWN	FAST		SMOOTH
271	272		HARD SPOT	HARD		SLOW	X	CHATTER
272	305		FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF				CHATTER
305	334		FINE-MED-COARSE SAND W/ BROWN CLAY LEDGES	FIRM	BROWN	FAST		FAST CHATTER
334	335		HARD SPOT	HARD		SLOW		CHATTER
335	374		FINE-MED-COARSE SAND W/ LIME ROCK	LOOSE	WHITE	REAL FAST		SMOOTH
374	421		LIME ROCK W/ FINE-MED-COARSE SAND	STIFF	WHITE	FAST		FAST CHATTER
421	431		SANDY CLAY	SOFT		FAST		SMOOTH
431	436		LIME ROCK	STIFF	WHITE	SLOW		CHATTER

*RED
100' @ 500'*

*TOTAL
104'*

Entered in Transfer Record
in my office this 22 day
of April 2024
Michael Lawrence Amerin
County Clerk

COPY



#2102
STATE OF KANSAS, Meade County
This instrument was filed for record on the
19 day of April, A.D. 2024
at 4:10 P. M. and duly recorded
in Book 103 on Page(s) 339
Michael Lawrence Amerin
Register of Deeds 2024
Photocopied

**WARRANTY DEED
Kansas Statutory Form**

GRANTOR/SELLER: Lawrence D. Amerin and Leigh Ann Amerin, husband and wife,

WATER RESOURCES
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CONVEY AND WARRANT TO:

JUN 10 2024

GRANTEE/BUYER: Michael Lawrence Amerin

KS Dept. of Agriculture

All the following described Real Estate in the County of Meade and the State of Kansas, to-wit:

The Southwest Quarter (SW/4) of Section Four (4), Township Thirty-two (32) South, Range Thirty (30) West of the 6th P.M., Meade County, Kansas, except a tract of land located in the Southeast corner of said SW/4 described as follows: Beginning in the Southeast corner of Southwest Quarter (SW/4) of Section Four (4), Township Thirty-two (32) South, Range Thirty (30) West of the 6th P.M., Meade County, Kansas, thence North Four Hundred Thirty Feet (430'), thence West Two Hundred Sixty Feet (260'), thence South Four Hundred Thirty Feet (430'), thence East Two Hundred Sixty Feet (260') to the point of beginning, containing 2.57 acres, more or less.

For the sum of: Ten Dollars and Other Valuable Consideration

EXCEPT AND SUBJECT TO: Easements, rights of way and restrictions of record, if any.

Dated this 19th day of April, 2024.

Lawrence D Amerin
Lawrence D. Amerin

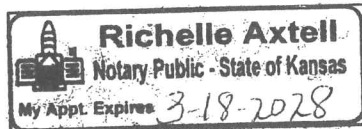
Leigh Ann Amerin
Leigh Ann Amerin

State of Kansas, County of Meade, ss:

BE IT REMEMBERED, That on this 19th day of April, 2024, before me the undersigned, a Notary Public in and for the County and State aforesaid, came Lawrence D. Amerin and Leigh Ann Amerin, husband and wife, who are personally known to me to be the same persons who executed the foregoing deed, and duly acknowledged the execution of the same.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last above written.

My appt. expires:



Richelle Axtell
Notary Public

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Entered in Transfer Record
in my office this 2 day
of May 2023

[Signature]
County Clerk



38.00
STATE OF KANSAS, Meade County
This instrument was filed for record on the
2 day of May, A.D. 2023
at 2:30 P.M. and duly recorded
in Book 102 on Page(s) 356-357
Irma Alaniz
XAC Register of Deeds AP

Photocopied

**WARRANTY DEED
Kansas Statutory Form**

GRANTOR/SELLER: Larry D. Amerin and Leigh Ann Amerin, husband and wife

WATER RESOURCES
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CONVEY AND WARRANT TO:

JUN 10 2024

GRANTEE/BUYER: Michael Lawrence Amerin

KS Dept. of Agriculture

All the following described Real Estate in the County of Meade and the State of Kansas, to-wit:

Southeast Quarter (SE/4) of Section Eight (8), Township Thirty-two (32) South, Range Thirty (30) West of the 6th P.M., Meade County, Kansas, less and except a tract of land in the Southeast Quarter of Section 8, Township 32 South, Range 30 West of the 6th P.M., described as follows: BEGINNING at the Southwest corner of said Quarter Section; FIRST COURSE, thence on an assumed bearing of North 01 degree 10 minutes 05 seconds East, 20.156 meters (66.13 feet) along the West line of said Quarter Section; SECOND COURSE, thence South 88 degrees 46 minutes 40 seconds East, 773.072 meters (2536.32 feet); THIRD COURSE, thence North 37 degrees 26 minutes 54 seconds East, 32.230 meters (105.74 feet) to the Westerly right of way line of an existing public road; FOURTH COURSE, thence South 88 degrees 56 minutes 26 seconds East, 12.192 meters (40.00 feet) to the East line of said Quarter Section; FIFTH COURSE, thence South 01 degrees 03 minutes 34 seconds West, 45.759 meters (150.13 feet) to the Southeast corner of said Quarter Section; SIXTH COURSE, thence North 88 degrees 48 minutes 31 seconds West, 804.422 meters (2639.17 feet) along the South line of said Quarter Section to the POINT OF BEGINNING. The above described tract contains 1.661 hectares (4.10 acres), which includes 0.901 hectare (2.23 acres) of existing right of way, resulting in an acquisition of 0.760 hectare (1.87 acres), more or less; and

Southwest Quarter (SW/4) of Section Nine (9), Township Thirty-two (32) South, Range Thirty (30) West of the 6th P.M., Meade County, Kansas, less and except A tract of land in the Southwest Quarter of Section 9, Township 32 South, Range 30 West of the 6th P.M., described as follows: BEGINNING at the Southwest corner of said Quarter Section; FIRST COURSE, thence on an assumed bearing of North 01 degree 03 minutes 34 seconds East, 45.690 meters (149.90 feet) along the West line of said Quarter Section; SECOND COURSE, thence South 88 degrees 56 minutes 26 seconds East, 12.192 meters (40.00 feet) to the Easterly right of way line of an existing public road; THIRD COURSE, thence South 44 degrees 23 minutes 45 seconds East, 37.174 meters (121.96 feet); FOURTH COURSE, thence South 88 degrees 40 minutes 44 seconds East, 50.080

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meters (164.30 feet); FIFTH COURSE, thence South 88 degrees 32 minutes 55 seconds East, 715.468 meters (2347.33 feet) to the East line of said Quarter Section; SIXTH COURSE, thence South 01 degree 11 minutes 23 seconds West, 19.746 meters (64.78 feet) along said East line to the Southeast corner of said Quarter Section; SEVENTH COURSE, thence North 88 degrees 33 minutes 58 seconds West, 804.188 meters (2638.41 feet) along the South line of said Quarter Section to the POINT OF BEGINNING. The above described tract contains 1.663 hectares (4.11 acres), which includes 1.021 hectares (2.52 acres) of existing right of way, resulting in an acquisition of 0.642 hectare (1.59 acres), more or less.

For the sum of: Ten Dollars and Other Valuable Consideration

EXCEPT AND SUBJECT TO: Easements, rights of way and restrictions of record, if any.

Dated this 2nd day of May, 2023.

Larry D. Amerin
Larry D. Amerin

Leigh Ann Amerin
Leigh Ann Amerin

State of Kansas, County of Meade, ss:

BE IT REMEMBERED, That on this 2nd day of May, 2023, before me the undersigned, a Notary Public in and for the County and State aforesaid, came Larry D. Amerin and Leigh Ann Amerin, husband and wife, who are personally known to me to be the same persons who executed the foregoing deed, and duly acknowledged the execution of the same.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last above written.

Richelle Axtell
Notary Public

My appt. expires



JUN 10 2024

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purposes.

12. The presently authorized use of water is for IRR purposes.
It is proposed that the use be changed to IRR purposes.
13. If changing the place of use and/or use made of water, describe how the consumptive use will not be increased.
Following guidelines as set forth in KAR 5-5-16
Max acres during perfection=640, NIR 80% Meade Co=1.34
[(640 X 1.34) / .85] = 1008.9AF available to split
Calculation shows that the applicant splits full authority of 960AF
(Please show any calculations here.)
14. It is requested that the maximum annual quantity of water be reduced to ----- (acre-feet or million gallons).
15. It is requested that the maximum rate of diversion of water be reduced to ----- gallons per minute (____ c.f.s.).
16. The application must include either a topographic map or detailed plat. A U.S. Geological Survey Topographic Map, scale 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Avenue, University of Kansas, Lawrence, Kansas 66047-3726 (www.usgs.gov). The map should show the location of the presently authorized point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. The presently authorized place of use should also be shown. Identify the center of the section, the section lines and the section corners and show the appropriate section, township, and range numbers on the map. In addition the following information must also be shown on the map.
- a. If a change in the location of the point(s) of diversion is proposed, show:
 - 1) The location of the proposed point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. Please be certain that the information shown on the map agrees with the information shown in Paragraph Nos. 9, 10 and 11 of the application.
 - 2) If the source of supply is groundwater, please show the location of existing water wells of any kind, including domestic wells, within 1/2 mile of the proposed well or wells. Identify each well as to its use and furnish name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please indicate so on the map.
 - 3) If the source of supply is surface water, the names and mailing addresses of all landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
 - b. If a change in the place of use is desired, show the proposed place of use by crosshatching on the map. Please be certain that the information shown on the map agrees with the information shown in Paragraph No. 5 of the application.
17. Attach documentation to show the change(s) proposed herein will not impair existing water rights and relates to the same local source of supply as to which the water right relates. This information may include statements, plats, geology reports, well logs, test hole logs, and other information as necessary information to show the above. Additional comments may be made below.
See attached plat
18. If the proposed change(s) does not meet all applicable rules and regulations of the Kansas Water Appropriation Act, please identify the rules and regulations for which you request a waiver. State the reason why a waiver is needed and why the request should be granted. Attach documentation showing that granting the request will not impair existing water rights and will not prejudicially and unreasonably affect the public interest.

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Any use of water that is not as authorized by the water right or permit to authorize water before the chief engineer approves this application is a violation of the Kansas Water Appropriation Act for which criminal or civil penalties may be assessed. Such violation is a class C misdemeanor, punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. K.S.A. 82a-728(b). Civil penalties shall be not less than \$100 nor more than \$1,000 per violation. In the case of a continuing violation, each day such violation continues may be deemed a separate violation. In addition to these penalties the water right may be modified or suspended. K.S.A. 82a-737, as amended.

The application must be signed by all owners of the place of use authorized under the water right and his or her spouse, if married. Please indicate if there is no spouse. If land is being purchased under contract, the seller must sign as landowner until such time as the contract is completed.

In the event that all applicants cannot appear before one notary public, they may as necessary sign separate copies of the application before any notary public conveniently available to them. All copies signed in this manner shall be considered to be valid parts of the application.

If the request is signed on behalf of any Owner by someone with legal authority to do so (for example, an agent, one who has power of attorney, or an executor, executrix, conservator), it will be necessary to attach proper documents showing such authority.

I declare that I am an owner of the currently authorized place of use as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete. By filing this application I authorize the chief engineer to permanently reduce the quantity of water and/or rate of diversion as specified in sections 14 and 15 of this application.

Dated at Garden City, Kansas, this 6th day of June, 2024.

Michael Amerin
(Owner)

(Spouse)

x Michael Amerin
(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

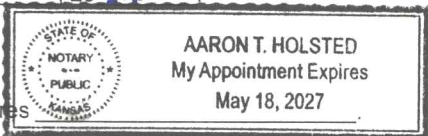
(Spouse)

(Please Print)

(Please Print)

State of Kansas)
County of Finney) SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 6th day of June, 2024.



Aaron Holsted
Notary Public

My Commission Expires

FEE SCHEDULE

Each application to change the place of use, the point of diversion or the use made of the water under this section shall be accompanied by the application fee set forth in the schedule below:

- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200
- (4) Application to change the use made of the water \$300

Make check payable to Kansas Department of Agriculture.

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT #3
FLOWMETER TEST REPORT

FILE(S) **4159** COUNTY: Meade TEST CONDUCTED BY: CL
DATE June 5, 2024 TIME: 2:05
GPS N: 37.27299 W: 100.59859 Taken at: Well **WATER RESOURCES RECEIVED**
WELL LOCATION **Section: 9 Township: 32 Range: 30** **JUN 10 2024**
ID: 1 QUARTER: SW **KS Dept. of Agriculture**
Distance from SE corner: feet North feet West

METER INFORMATION Location: Well
Serial Number: **95-10-1578N** Model: MO310-750 Last Service: 1/20/2015
Manufacturer: McCrometer Meter Type: Propeller
Meter Size: Size: OD: 10.750 ID: 10.481
Totalizer units: Acre Feet Multiplier: 0.001 Anti-Reverse: No
Manufacturer Seal & ID: GLB GMD3 Seal: 44311
DWR Chain & Seal & ID: No
Remarks:

METER INSTALLATION
Full pipe flow: Yes
Straightening vanes: Blue Tube
Straight Run (inches) Upstream: 75 Downstream: 6 *Measurements to meter stem.*

PUMP INFORMATION Power: Natural Gas
Manufacturer: Randolph Horsepower: 175? Ratio: 1:1
Engine rpm: Pump rpm:
Pressure (psi): Measured at:

INSTALLED METER TIME TEST
Visual Rate: 635 gpm
Calculated rate:
End Read 665.118 End Time 5:36
Begin Read 665.107 Begin Time 0
Difference 0.011 Time (min.)
Diff. Gal. 3584.4 Time (.00) 5.6
Installed Meter gpm 640.1

NON-INTRUSIVE FLOWMETER TEST
Manufacturer: FUJI
Model: PORTAFLOW Serial number: N1J1019T
Pipe OD: 10.78 Thickness: 0.180 Material: Steel
Test location: Well, at least 45" downstream of cooler
Transducer spacing: 7.755
Signal Strength: Normal, 3 of 3 bars Velocity (ft/s): 2.3 Sound Speed (ft/s):

RESULT **Standard meter rate: 637.1 gpm Installed meter rate: 640.1 gpm**
Remarks: 3 minute flow test resulted in 1911.4 total gallons.
Installed gpm - Standard gpm = **3.0 gpm difference**
GPM Difference ÷ Standard gpm = calculated % difference
Calculated % difference 0.5% GMD3 seal # Existing

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Garden City Field Office
Division of Water Resources



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Division of Water Resources



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Water Resources		
Quantity	Unit	Value
1437.836		
5.409	ft/s	
1911.4	gal	

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Division of Water Resources



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Meyer, Mike [KDA]

From: Chris Law <claw@gmd3.org>
Sent: Thursday, June 6, 2024 10:25 AM
To: Meyer, Mike [KDA]
Subject: 4159 Add Well
Attachments: 4159 Meter 6-5-24.JPG; 4159 Test Meter 6-5-24.JPG; 4159 Flow Test Report.pdf; 4159 Meter 6-5-24 (2).JPG; 4159 Test Meter 6-5-24 (3).JPG

KS Dept. of Agriculture

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Mike

Hit the send button before I was ready.

Yesterday I first checked the accuracy of the installed flowmeter and it was within 0.5% at approximately 640 gpm. On the first run up we were able to show 1,338 gpm with a bad turbo limiting the engine in both capacity and time at high rpm. A second run up was done, and the test meter showed 1,437 gpm and the needle on the flowmeter showed more than 1.600 gpm. The well was running to multiple sprinklers and one open flow. Amerins are confident that with an engine at full capacity the well would pump 1,580 gpm and I agree. I also note that in 2021 we timed the meter at 1,226 gpm.

Michael doesn't have email so I will be getting him hard copies at some point.

Chris

Chris Law
Director, Field Services
Southwest Kansas Groundwater Management District
O 620.275.7147
C 620.272.6193
www.gmd3.org

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JUN 06 2024

Garden City Field Office
Division of Water Resources