

Kansas Department of Agriculture
 Division of Water Resources
CHANGE: P/D WORKSHEET

1. File Number: 12818	2. Status Change Date: 2-6-19	3. Change Num: C3	4. Field Office: 04	5. GMD: 03
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6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return	7. Filing Date of Change: 1/14/19
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8a. Applicant, Landowner, WUC New to system <input type="checkbox"/> Person ID <u>26710</u> Add Seq# <u>1</u> CHARLES E & KRISTIN H MARKEL 2801 DORALANE AVE DODGE CITY KS 67801-2154	8c. WUC New to system <input type="checkbox"/> Person ID _____ Add Seq# <u>1</u>
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8b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____ 6710	8d. WUC New to system <input type="checkbox"/> Person ID _____ Add Seq# _____
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9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: **12/31/19** N & P Date to Comply: **12/31/20**

Anti-Reverse Meter Meter Seal Check Valve N & P Form Water Tube Driller Copy H & E Letter

Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____

10. Use Made of Water From: _____ To: _____

Date Prepared: **2/4/19** By: **MAM**
 Date Entered: _____ By: _____

Garden City Field Office
2508 Johns Street
Garden City, KS 67846-2804



Phone: 620-276-2901
Fax: 620-276-9315
www.agriculture.ks.gov

Mike Beam, Interim Secretary

Laura Kelly, Governor

February 6, 2019

CHARLES E & KRISTIN H MARKEL
2801 DORALANE AVE
DODGE CITY KS 67801-2154

RE: Water Right, File No. 12818

Dear Sir:

Enclosed is an order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that acceptable water flowmeter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since this order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

Should you have any questions, please feel free to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM:
enclosures
pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3

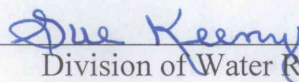
CERTIFICATE OF SERVICE

On this 6th day of February, 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 12,818, dated 6th day of February, 2019 was mailed postage prepaid, first class, US mail to the following:

CHARLES E & KRISTIN H MARKEL
2801 DORALANE AVE
DODGE CITY KS 67801-2154

With photocopies to:

GROUNDWATER MANAGEMENT DISTRICT NO. 3



Division of Water Resources Staff

Submit completed application to:
 Kansas Department of Agriculture
 Division of Water Resources
 Field Office for your area.

Call for address:

Topeka -- (785) 296-5733
 Stafford -- (620) 234-5311
 Stockton -- (785) 425-6787
 Garden City -- (620) 276-2901
<http://agriculture.ks.gov/dwr>

DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.
 Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

RECEIVED

File No. 12818

JAN 14 2019
 4:51 pm
 Garden City Field Office
 Division of Water Resources

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):

Place of Use Point of Diversion

under the water right which is the subject of this application in accordance with the conditions described below.

The source of supply is: Groundwater Surface water

2. Name and address of Applicant: CHARLES & KRISTIN MARKEL

2801 DORALANE AVE., DODGE CITY, KS 67801

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: SAME AS ABOVE

Phone Number: () Email address: _____

3. The presently authorized place of use is:

Owner of Land ---- NAME: SAME AS ABOVE

ADDRESS: _____

(If there is more than one landowner, attach supplemental sheets as necessary.)

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. If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land ---- NAME: _____

ADDRESS: _____

(If there is more than one landowner, attach supplemental sheets as necessary.)

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	

For Office Use Only: Code _____ Fee \$ 200⁰⁰ TR # _____ Receipt Date 1-14-19 Check # 2164

5. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ NC Quarter of the _____ NE Quarter
 of Section _____ 16 _____, Township _____ 27 _____ South, Range _____ 28 _____ W,
 in GRAY _____ County, Kansas, _____ 3960 _____ feet North _____ 1320 _____ feet West of Southeast corner of section.
 Authorized Rate 675 GPM Authorized Quantity 224 AF Depth of well 235' (feet)
 (DWR use only: Computer ID No. 1 GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:
Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
 One in the _____ NE Quarter of the _____ NE Quarter of the _____ NW Quarter
 of Section _____ 16 _____, Township _____ 27 _____ South, Range _____ 28 _____ W,
 in GRAY _____ County, Kansas, _____ 5203 _____ feet North _____ 2961 _____ feet West of Southeast corner of section.
 Proposed Rate 675 GPM Proposed Quantity 224 AF Proposed well depth (feet) 277'
 This point is: Additional Well Geo Center List other water rights that will use this point _____

6. **Presently authorized point of diversion:**
 One in the _____ NE Quarter of the _____ NE Quarter of the _____ NW Quarter
 of Section _____ 16 _____, Township _____ 27 _____ South, Range _____ 28 _____ W,
 in GRAY _____ County, Kansas, _____ 5239 _____ feet North _____ 2990 _____ feet West of Southeast corner of section.
 Authorized Rate 760 GPM Authorized Quantity 260 AF Depth of well _____ (feet)
 (DWR use only: Computer ID No. 5 GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:
Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
 One in the _____ Quarter of the _____ NC Quarter of the _____ NW Quarter
 of Section _____ 16 _____, Township _____ 27 _____ South, Range _____ 28 _____ W,
 in GRAY _____ County, Kansas, _____ 3960 _____ feet North _____ 3960 _____ feet West of Southeast corner of section.
 Proposed Rate 760 GPM Proposed Quantity 260 AF Proposed well depth (feet) _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

7. The changes herein are desired for the following reasons?
 (please be specific) Application approved July 2, 2018
moved the wrong well, Move the NE well and revert NW
well to the original location.

8. If a well, is the test hole log attached? Yes No

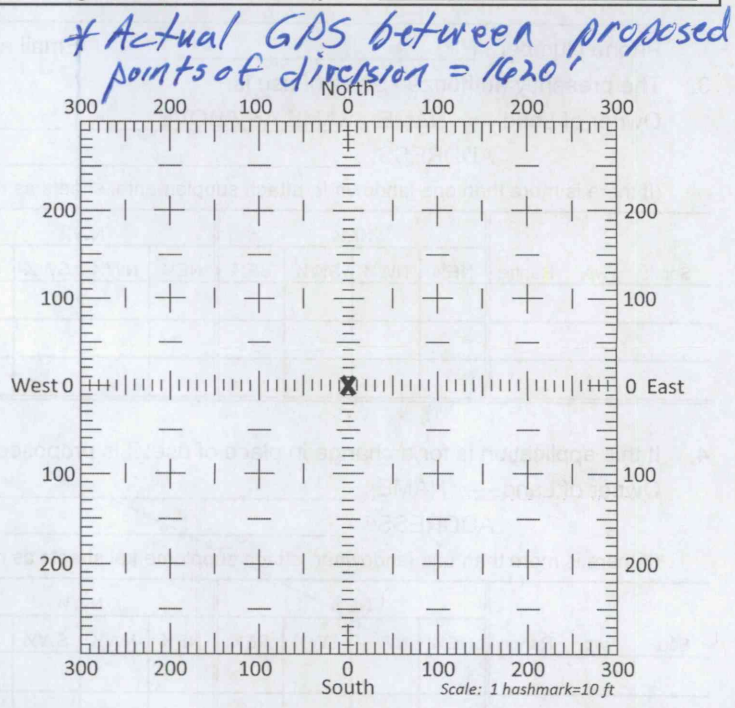
9. The change(s) (was)(will be) completed by?
Already complete

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
Plug/cap
 (b) When will this be done? done

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by BSC

13a. If the proposed point of diversion will be relocated more than 300
feet but within 2,640 feet of the existing point of diversion, attach
 a topographic map or aerial photograph. For groundwater
 sources, show all wells (including domestic) within one-half mile
 of the proposed point of diversion and the names and mailing
 addresses of the owners. For surface water sources, show the
 names and addresses of the landowner(s) one-half mile
 downstream and one-half mile upstream from your property
 lines



13b. If the proposed point of diversion will be relocated within 300 feet
 of the existing point of diversion, indicate its location on the
 diagram shown above in relation to the existing point of
 diversion. (PLEASE NOTE: The "X" in center of diagram
 above represents the presently authorized point of
 diversion.)

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:

- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?
 Yes No (If no, all owners must sign this application.)
- (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?
 Yes No (If yes, all owners must sign this application.)
- (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?
 Yes No (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at January Dodge City, Kansas, this 11 day of January, 2019.

Charles Markel
(Owner)

Kristin Markel
(Spouse)

Charles Markel
(Please Print)

Kristin Markel
(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

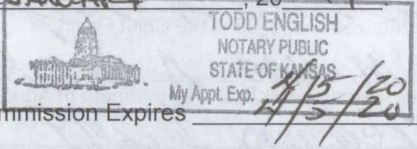
(Spouse)

(Please Print)

(Please Print)

State of Kansas }
County of FORD } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 11 day of JANUARY, 2019



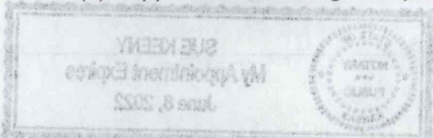
[Signature]
Notary Public

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

FEE SCHEDULE

Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: **Kansas Department of Agriculture**

- (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



R28W

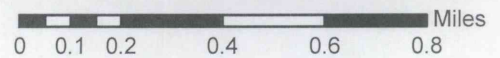
T 27 S



**FILE NO. 12818
 CHANGE IN POINT OF DIVERSION
 ADJUST WATER RIGHT TO CURRENT WELLS**

No other wells within 1/2 mile

Change in Point of Diversion Water Right 12818 Section 16, Township 27 South, Range 28 West, Gray County



All wells within 1/2 miles are on this map.

X _____



WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

12818

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Gray Fraction NW 1/4 NE 1/4 NE 1/4 NW 1/4 Section Number 16 Township Number T 27 S Range Number R 28 E W

2 WELL OWNER: Last Name: Markel First: Charles & K Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): APPROX 7 MILES SOUTH WEST OF CIMARRON KANSAS

3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram] 4 DEPTH OF COMPLETED WELL: 277 ft. 5 Latitude: 37.70802 Longitude: 100.38888

7 WELL WATER TO BE USED AS: 1. Domestic 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply 6. Dewatering 7. Aquifer Recharge 8. Monitoring 9. Environmental Remediation 10. Oil Field Water Supply 11. Test Hole 12. Geothermal 13. Other

Was a chemical/bacteriological sample submitted to KDHE? Water well disinfected?

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 16 in. to 277 ft. Casing height above land surface 12 in. Weight 36.95 lbs./ft. Wall thickness or gauge No. 219

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 0 ft. to 20 ft.

Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes 'RECEIVED' stamp and 'Notes: Garden City Field Office Division of Water Resources'.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 7/13/2018 and this record is true to the best of my knowledge and belief.

Form	WWC5
Contractor	Hydro Resources Mid Continent, Inc.
Well Owner	Charles & Kristin Markel
Doc ID	1418080

Litholgy

From	To	LithologicLog
0	3	top soil
3	20	fine sand
20	24	brown sandy clay
24	36	fine sand
36	55	sand fine to med couple clay ledges
55	95	sand fine to med coarse small med gravel
95	107	brown sandy clay
107	116	brown & white clay w/ many lime rock ledges
116	129	sand fine to med coarse w/ many lime rock
129	156	sand fine to med coarse
156	164	brown clay
164	175	brown sandy clay w/ some sand ledges
175	199	brown clay
199	218	sand fine to med coarse w/ brown rock & couple clay ledges
218	257	sand fine to med coarse small gravel w/ brown & tan rock
257	280	gray soapstone & shale

WATER WELL PLUGGING RECORD Form WWC-5P

KSA 82a-1212 ID NO.

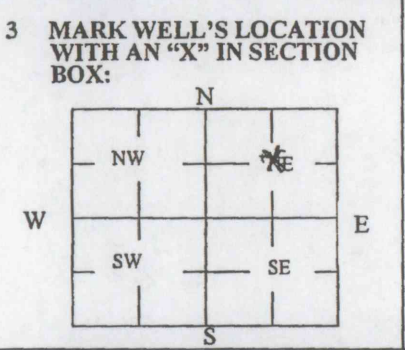
12818

1 LOCATION OF WATER WELL: Fraction $\frac{1}{4}$ $\frac{1}{4}$ NC $\frac{1}{4}$ NE $\frac{1}{4}$ Section Number 16 Township Number T 27 S Range Number 28 E W
 County: GRAY

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here From the intersection of Road V & Road
 15; approx. 1/2 mile North then 8/10 mile East

Global Positioning Systems (GPS) information:
 Latitude: 37.70436 (in decimal degrees)
 Longitude: 100.38349 (in decimal degrees)
 Elevation: _____
 Datum: WGS84, NAD83, NAD27
 Collection Method:
 GPS unit (Make/Model: Garmin eTrex 10)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: < 3 m, 3-5 m, 5-15 m, > 15 m

2 WATER WELL OWNER: Charles Markel
 RR#, St. Address, Box #: 2801 Doralane Ave.
 City, State ZIP Code: Dodge City Ks., 67801



4 DEPTH OF WELL 235' ft.
 WELL'S STATIC WATER LEVEL 203' ft.
 WELL WAS USED AS:
 Domestic Public Water Supply Dewatering
 Irrigation Oil Field Water Supply Monitoring
 Feedlot Domestic (Lawn & Garden) Injection Well
 Industrial Air Conditioning Other _____
 Was a chemical/bacteriological sample submitted to Department? Yes No

5 TYPE OF BLANK CASING USED:
 Steel RMP (SR) Wrought Fiberglass Other (Specify below)
 PVC ABS Asbestos-Cement Concrete Tile
 Blank casing diameter 16" in. Was casing pulled? Yes No If yes, how much 60"
 Casing height above or below land surface Below 60" in.

6 GROUT PLUG MATERIAL: Neat cement Cement grout Bentonite Other _____
 Grout Plug Intervals: From 10' ft. to 5' ft., From _____ ft. to _____ ft., From _____ to _____ ft.
 What is the nearest source of possible contamination:
 Septic tank Seepage pit Fuel Storage Other (specify below)
 Sewer lines Pit privy Fertilizer storage None Observed
 Watertight sewer lines Sewage lagoon Insecticide storage
 Lateral lines Feedyard Abandoned water well Direction from well? _____
 Cess pool Livestock pens Oil well/Gas well How many feet? _____

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
235'	203'	Chlorinated Road Sand	203'	10'	Oversized Rock with Clay Chunks
10'	5'	3,000 PSI Concrete	5'	0'	Cut off casing and backfilled

RECEIVED
 JAN 17 2018

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 11-21-2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145. This Water Well Record was completed on (mo/day/year) 11-27-2018 under the business name of Hydro Resources Mid Continent by (signature) Gary Clepper

INSTRUCTIONS: Use typewriter or ballpoint pen. Please press firmly and print clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 785/296-5524. Send one to Water Well Owner and retain one for your records. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

Check one: White Copy Blue Copy Pink Copy

12818

INPUTS		
	Longitude	Latitude
Point 1	-100.388790	37.707920
Point 2	-100.392430	37.704540

Degrees Longitude per Foot 3.45641491E-06

Degrees Latitude per Foot 2.74623114E-06

Distance Between Points (ft) 1620

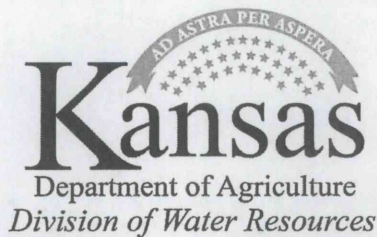
Compute Distance Between Points

Instructions

1. Enter Longitudes and Latitudes of the two points (both must be in the same datum, NAD27 or NAD83).
2. Click "Compute Distance Between Points" button.

Field GPS
EXISTING wells

Garden City Field Office
2508 Johns Street
Garden City, KS 67846-2804



Phone: 620-276-2901
Fax: 620-276-9315
www.agriculture.ks.gov

Mike Beam, Interim Secretary

Laura Kelly, Governor

January 17, 2019

VATH FARMS INC
ROBERT (BOB) VATH
18003 14 RD
CIMARRON KS 67835-8800

RE: Water Right, File No. 12818

Dear Madam or Sir:

This is to advise you that Charles & Kristin Markel has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced application.

You can find the complete application posted by water right file number as referenced above at www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices

You are notified on this proposed change in point of diversion so that you may furnish this office with any comments or other information you may want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Meyer". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Michael A. Meyer
Water Commissioner

MAM

Pc:

Groundwater Management District No. 3

SCANNED

Garden City Field Office
2508 Johns Street
Garden City, KS 67846-2804



Phone: 620-276-2901
Fax: 620-276-9315
www.agriculture.ks.gov

Mike Beam, Interim Secretary

Laura Kelly, Governor

January 17, 2019

DOROTHY M & DM GARTEN ET AL TRUST
A E NICOLET TRUSTEE
12910 W BROKEN ARROW DR
SUN CITY WEST AZ 853750

RE: Water Right, File No. 12818

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Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Meyer". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Michael A. Meyer
Water Commissioner

MAM

Pc: CHRISTOPHER BRYAN
20802 22 RD
CIMARRON KS 67835

Groundwater Management District No. 3

SCANNED

Garden City Field Office
2508 Johns Street
Garden City, KS 67846-2804



Phone: 620-276-2901
Fax: 620-276-9315
www.agriculture.ks.gov

Mike Beam, Interim Secretary

Laura Kelly, Governor

January 17, 2019

SOUTHWEST KANSAS GROUNDWATER
MANAGEMENT DISTRICT NO. 3
409 CAMPUS DRIVE, SUITE 106
GARDEN CITY KS 67846

Re: Water Right File No. 12818

Dear Mr. Norquest:

This is to advise you that Charles & Kristin Markel filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion for the above referenced file.

We are delaying action on the change application to allow you time to review and provide a recommendation. This application is moving the correct authority to the existing wells from a previous change application. Please submit a recommendation within 15 days.

Thank you and as always feel free to contact this office at any time.

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
Enclosures

Meyer, Mike [KDA]

To: Norquest, Jason (Norquest@gmd3.org)
Subject: request for recommendation, File No, 12818
Attachments: 20190117111718306.pdf

1-17-19

Good morning

Attached is an application to change the point of diversion. The application is proposing to move the water right on existing wells. An earlier change was approved in 2018, that inadvertently move the NW well to the new well rather than the NE well to the new well. therefore, reverting back to the NW well and paper move the NE well to the current location that was approved last year.

I went ahead and notified the neighborhood the same time as sending this but assume there will be no response as the wells are in place and notified last year.

Anyway, thanks for your prompt review.

Mike