

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

1. File Number: 16405	2. Status Change Date: 3-31-2020	3. Change Num: C2	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: 03/13/2020
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8a. LANDOWNER, WUC, applicant Person ID 34535 New to system <input type="checkbox"/> Add Seq# 1 DUANE E & KATHLEEN A KOSTER TRUSTS PO BOX 897 GARDEN CITY, KS 67846-0897	8c. Correspondent Person ID _____ New to system <input checked="" type="checkbox"/> Add Seq# _____
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8b. Landowner(s), Person ID _____ New to system <input type="checkbox"/> Add Seq# _____	8d. correspondent Person ID _____ New to system <input type="checkbox"/> Add Seq# _____
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9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: **12/31/2020** N & P Date to Comply: **3/1/2021**

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: **3/26/20** By: **MAM**
 Date Entered: _____ By: _____

File No. **16405** 11. County: **KE** Basin: **ARKANSAS RIVER** Stream: _____ Formation Code: **211/331** Special Use: _____

12. Points of Diversion										Rate and Quantity				
CHK MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Authorized		Additional		Overlap PD Files
										Rate gpm	Quantity af	Rate gpm	Quantity af	
ENT		NENESW	34	25	35W		2224	2829		815	252	815	252	NONE
DEL 46763														
CHK 70258		NWSWSE	34	25	35W		665	2060		885	252	885	252	NONE

13. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

14. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

15. 5YR Allocation: Allocation Type _____ Start Year _____ 5 YR Amount _____ Amount Unit _____ Base Acres _____ Comment _____

CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
CHK 2740																									

Base Acres: _____ Year: _____ Minimum Reasonable Quantity: _____
 Comments: _____

Garden City Field Office
4532 W. Jones, Suite B
Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

March 31, 2020

DUANE E & KATHLEEN A KOSTER TRUSTS
PO BOX 897
GARDEN CITY, KS 67846-0897

RE: Water Right, File No. 16405 and 22560-D2

Dear Sir and Madam:

Enclosed are orders executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the applications for change under the above referenced file numbers.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in the approvals for change. A condition of the approvals are that an acceptable water flow meter 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/or installation of the required meter as soon as these actions are completed.

Since the orders modify the original documents referred to above, they should be recorded with the Register of Deeds as other instruments affecting real estate.

The abandoned wells must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM:
Enclosures

GMD3

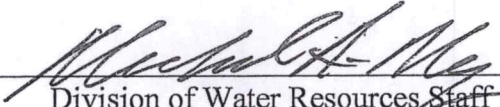
CERTIFICATE OF SERVICE

On this 31st day of March 2020, I hereby certify that the foregoing Approvals of Application for Change in Point of Diversion, Water Right, File Nos. 16,405 and 22560-D2 dated 31st day of March 2020 was mailed postage prepaid, first class, US mail to the following:

DUANE E & KATHLEEN A KOSTER TRUSTS
PO BOX 897
GARDEN CITY, KS 67846-0897

Pc:

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.

File No. 16405

RECEIVED
 10:05 AM
 MAR 13 2020

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: DUANE E KOSTER TRUST

PO BOX 897 GARDEN CITY, KS 67846

Phone Number: (620)271 4493

Email address: _____

Name and address of Water Use Correspondent: DUANE E KOSTER TRUST

PO BOX 897 GARDEN CITY, KS 67846

Phone Number: () _____

Email address: _____

3. The presently authorized place of use is:

Owner of Land --- NAME: NO CHANGE

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	
(A diagonal line is drawn across the table, indicating a change in land ownership or use.)																			

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: NO CHANGE

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	
(A diagonal line is drawn across the table, indicating a change in land ownership or use.)																			

For Office Use Only: Code _____ Fee \$ 200.00 TR # _____ Receipt Date 3-13-20 Check # 32511

5. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ NC Quarter of the _____ SW Quarter
 of Section _____ 34 _____, Township _____ 25 _____ South, Range _____ 35 _____ (W),
 in KEARNY _____ County, Kansas, _____ 1320 _____ feet North _____ 3860 _____ feet West of Southeast corner of section.
 Authorized Rate _____ 815GPM _____ Authorized Quantity _____ 252AF _____ Depth of well _____ (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 _____ SW _____ Quarter
 of Section _____ 34 _____, Township _____ 25 _____ South, Range _____ 35 _____ (W),
 in KEARNY _____ County, Kansas, _____ 2224 _____ feet North _____ 2829 _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____ 2652
 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 _____ NW _____ Quarter of the _____ SW _____ Quarter of the _____ SE _____ Quarter
 of Section _____ 34 _____, Township _____ 25 _____ South, Range _____ 35 _____ (W),
 in KEARNY _____ County, Kansas, _____ 665 _____ feet North _____ 2060 _____ feet West of Southeast corner of section.
 Authorized Rate _____ 885GPM _____ Authorized Quantity _____ 252AF _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. 6 _____ GPS 37.82973 feet North -101.14691 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 _____ Quarter of the _____ Quarter
 of Section _____ Township _____ South, Range _____ (W),
 in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ 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) lack of production on current PD

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

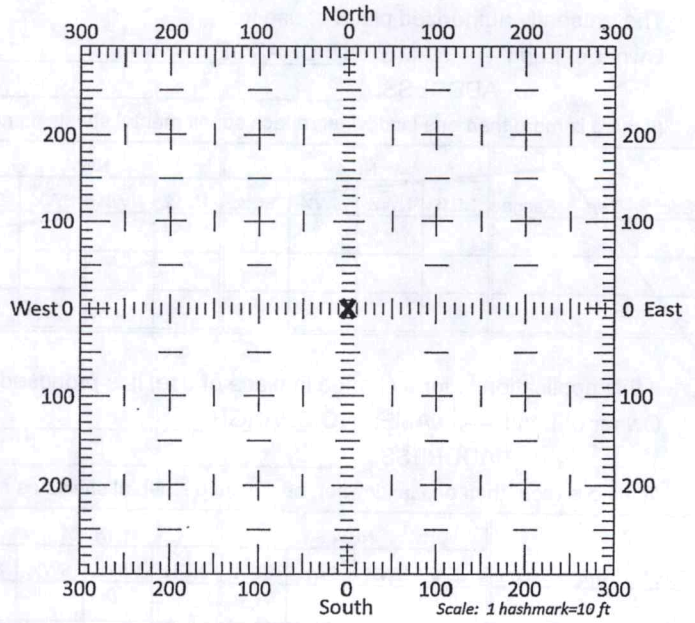
9. The change(s) (was)(will be) completed by?
Downey Drilling

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

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by CAC

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 Garden City, Kansas, this 13 day of March, 2020.

<p><u>[Signature]</u> (Owner)</p> <p><u>Duane Koster</u> (Please Print)</p> <p>_____</p> <p>(Owner)</p> <p>_____</p> <p>(Please Print)</p> <p>_____</p> <p>(Owner)</p> <p>_____</p> <p>(Please Print)</p>	<p><u>[Signature]</u> <u>[Signature]</u> (Spouse)</p> <p><u>Rathleen Koster</u> (Please Print)</p> <p>_____</p> <p>(Spouse)</p> <p>_____</p> <p>(Please Print)</p> <p>_____</p> <p>(Spouse)</p> <p>_____</p> <p>(Please Print)</p>
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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 13 day of MARCH, 2020.

LISA A. CHESTER
 Notary Public - State of Kansas
 My Appt. Expires 4-7-21

[Signature]
 Notary Public

My Commission Expires 4-7-2021

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

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law*, K.S.A. 82a-701 *et seq.*, and rules and regulations promulgated thereunder. With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 16405

1. A change application was received on March 13, 2020 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 50 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than _____ feet from the previously authorized point(s) of diversion. Applicable Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
7. The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2020, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. Applicable Not Applicable
8. Installation of the works for diversion of water shall be completed on or before December 31, 2020, or within any authorized extension of time. By March 1, 2021 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
9. The completed well log shall be submitted with the required notice. Applicable Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
11. Additional Conditions are attached. Yes No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

Administrative Appeal and Effective Date of Order

If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for administrative review by the Secretary must be filed within **30 days** pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with **Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502**. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

For Use by Register of Deeds



NOTARY PUBLIC
STATE OF KANSAS

Kerri Ralston
My Commission Expires 5/18/21

FOR OFFICE USE ONLY
**APPLICATION APPROVED AND
SUMMARY ORDER ISSUED**

By: Michael A. Meyer
Duly Authorized Designee of the Chief Engineer

(Print Name): MICHAEL A. MEYER
Division of Water Resources - Kansas Department of Agriculture

Date of Issuance: March 31, 2020

State of Kansas)

County of Finney) SS

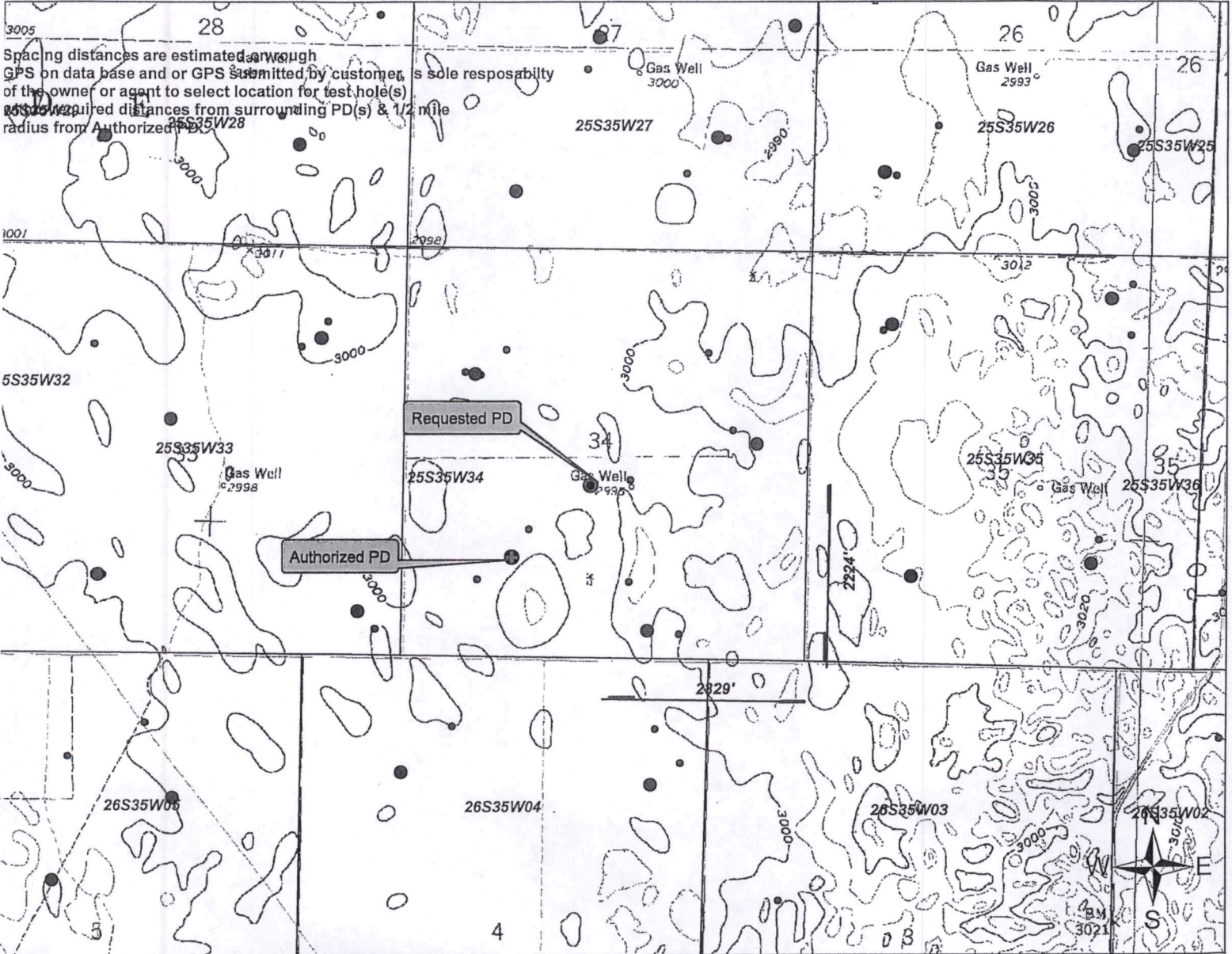
Acknowledged before me on March 31 2020

by Kerri Ralston Michael A. Meyer

Signature: Kerri Ralston
Notary Public

My commission expires: 5/18/21
(Notary Seal)

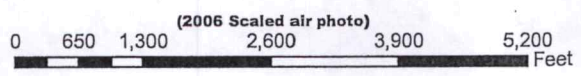
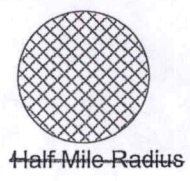
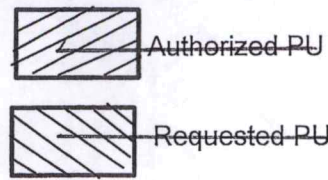
**Point of Diversion Change
WR 16405
T25 R35W Section 34
Kearny Co.**



Spacing distances are estimated through GPS on data base and or GPS submitted by customer, it is the sole responsibility of the owner or agent to select location for test hole(s) and required distances from surrounding PD(s) & 1/2 mile radius from Authorized PD.

it is the sole responsibility

- Authorized PD
- Requested PD
- Point of Diversion



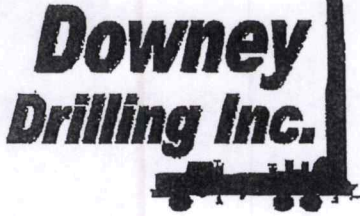
Applicant Signature _____

By signing this map the applicant is aware that no other wells (Irrigation, Domestic, Industrial etc) are within the 1/2 mile radius circle.

WELL LOG

WR 164 05 #1 NC SW

DATE: 3/3/2020



CUSTOMER NAME: SOUTHWEST AG - G-51

LEGAL: SW 34-25S-35W

COUNTY: KEARNY

GPS: 37.834863

-101.15012

TEST HOLE #2

Do. Duane Foster

2224' N / 2029' W NENE SW

DRILLER: DALE GUINN

WO: 19-1093

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	8	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	8	26	FINE-MEDIUM SAND	SOFT		FAST		SMOOTH
	26	54	FINE-MEDIUM-COARSE SAND AND SMALL-MEDIUM GRAVEL	SOFT		FAST		CHATTER CHATTER AND ROUGH
	54	87	FINE-MEDIUM-COARSE SAND AND SMALL-MEDIUM-LARGE GRAVEL	SOFT		FAST		SMOOTH AND A LITTLE CHATTER
	87	103	SANDY CLAY WITH A COUPLE OF SAND LAYERS	SOFT	BROWN	FAST		CHATTER SMOOTH AND VIBRATION
	103	118	FINE-MEDIUM-COARSE SAND AND SMALL-MEDIUM GRAVEL	SOFT		FAST		CHATTER SMOOTH AND VIBRATION
	118	167	SANDY CLAY WITH SAND MIXED	SOFT	BROWN	FAST		CHATTER
	167	195	FINE-MEDIUM-COARSE SAND WITH A FEW LAY LAYERS	SOFT		FAST		SMOOTH
	195	200	SANDY CLAY	SOFT	BROWN	FAST		CHATTER
	200	213	FINE-MEDIUM-COARSE SAND AND SMALL GRAVEL	SOFT		FAST		SMOOTH
	213	221	SANDY CLAY	SOFT	BROWN	FAST		CHATTER
	221	238	FINE-MEDIUM-COARSE SAND AND SMALL GRAVEL	SOFT		FAST		SMOOTH SMOOTH AND CHATTER
	238	262	SANDY CLAY	SOFT	BROWN	SEMI SLOW		SMOOTH AND CHATTER
	262	280	SANDY CLAY WITH SOME SAND MIXED	SOFT	TAN	SEMI SLOW		SMOOTH AND VIBRATION
	280	306	SANDY CLAY WITH LITTLE SAND MIXED	SOFT	TAN	SEMI SLOW		SMOOTH
	306	319	SANDY CLAY	SOFT	TAN	SEMI SLOW		VIBRATION
	319	330	FINE SAND AND CLAY MIXED	SOFT		SEMI SLOW		SMOOTH
	330	365	SANDY CLAY - STICKY	SOFT	TAN	SLOW		VIBRATION
X	365	387	FINE SAND	SOFT		FASTER		SMOOTH
	387	403	CLAY - STICKY	SOFT	TAN	SEMI SLOW		SMOOTH AND A LITTLE VIBRATION
	403	422	CLAY WITH SOME FINE SAND MIXED	SOFT	TAN	SEMI SLOW		VIBRATION
	422	426	SANDSTONE AND BROWN ROCK	FAIRLY LOOSE		SEMI SLOW		CHOPPY
	426	450	SOAPSTONE	STICKY	YELLOW AND GRAY	SEMI SLOW		VIBRATION AND CHOPPY
X	450	475	SANDSTONE - POOR CIRCULATION, MIXED BRAN	FAIRLY LOOSE		SEMI SLOW		CHOPPY
X	475	505	SANDSTONE WITH A FEW SHALE LAYERS	FAIRLY LOOSE		SEMI SLOW		VIBRATION
	505	565	SHALE	TIGHT	BLUEISH GRAY	SLOW		CHOPPY
	565	620	SANDSTONE AND BROWN ROCK	FAIRLY LOOSE	TAN	SEMI SLOW		VIBRATION
	620	652	SANDSTONE WITH BROWN ROCK	FAIRLY LOOSE	PURPLE	SEMI SLOW		VIBRATION
	652	680	SHALE	HARD	BLUE	SLOW		CHOPPY
			QUIK GEL - 40					
			EZ MUD - 1 GAL.					
			SODA ASH - 1/2 BAG					
			BRAN - 3					
			CASING SEAL - 2, HOLE PLUG - 2					
			USED 13,000 GAL H2O AND 2 - 6 1/4 DRAG BITS					

SW AG G-51

Write a description for your map.

Legend

37.834863, -101.15012

SW Ag G-51 SW 1/4 Sec. 34-25-35W

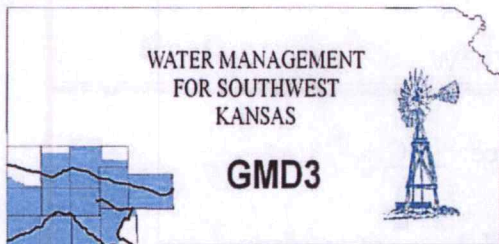
Tate Lane Co Rd W

Google Earth

31

1000 ft





Southwest Kansas
Groundwater Management District No. 3
2009 E. Spruce Street
Garden City, Kansas 67846
(620) 275-7147 phone (620) 275-1431 fax
www.gmd3.org

March 30, 2020

Austin J. McColloch
Division of Water Resources
4532 W Jones Ave., Suite B
Garden City, Kansas 67846

RE: Application for Change in Point of Diversion
Water Right, File No. 16405

Dear Austin:

We have completed a review of the application for the above referenced water right. The proposed changes in points of diversion are in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the draft revised management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (4.0 ft in cases where saturated thickness is greater than 200 ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect on neighboring wells above the maximum allowable threshold. Our office did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as reasonable and therefore recommend that the application be approved. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jason L. Norquest
Assistant Manager

RECEIVED

MAR 30 2020

Garden City Field Office
Division of Water Resources

GMD3 Change Review

File No(s): 16405.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Duane Koster Trust.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? .

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) 01 being changed.

	ft. North	ft. West			
Authorized PD	1320	3860	Sect 34-25-35		
Proposed PD	2224	2829			
Difference	-904 n	1031 e			
$a^2 + b^2 = c^2$	817216	1062961	1371.195 foot move NE		

GPS for proposed PD: Lat: 37.834863 Long: -101.15012.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name Fletcher Ranch Inc. (20358).

Address PO Box C.

Zip Lakin, KS 67860.

Name Dew Farms Inc, % Brad Dew (15584).

Address 66 North 1000 East.

Zip Mapleton, UT 84664.

Name White Enterprises Inc. %Thomas James White ET AL (23662 DE & DF).

Address 1878 Road 180.

Zip Lakin, KS 67860.

Base Acres: .

Perfected Acres: .

Irr. Return-Flow %

Net drawdown for the area would allow up to 4.0' effect (greater than 200' saturated thickness)

None of the neighboring wells exceeded 1.2' effect, within our criteria.

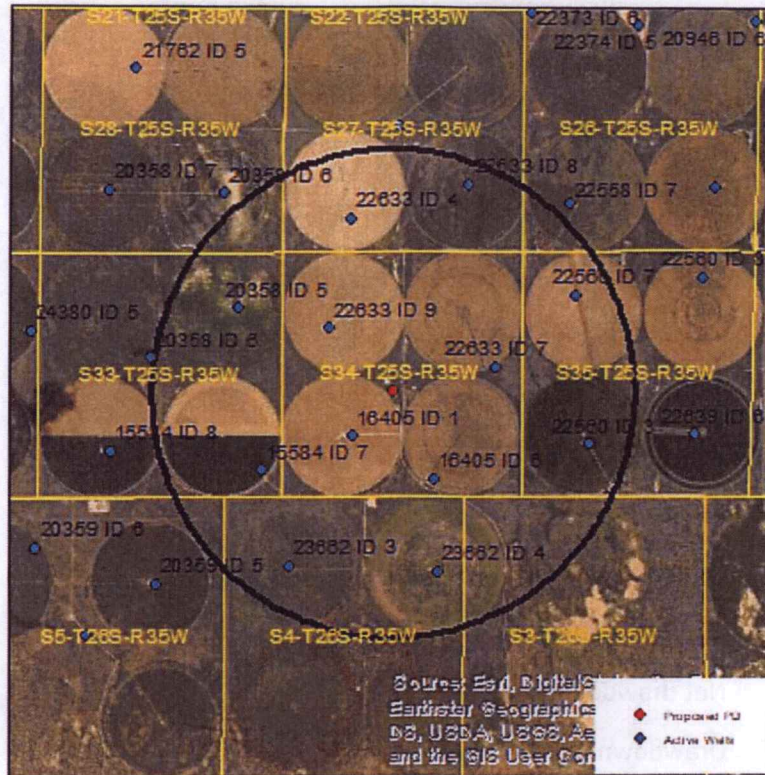
Is a waiver needed: Move is less than half mile and spacing met to neighboring wells.

Recommendation: The proposals seems to meet all current area rules. The analysis shows minimal effect projected in the area. No response from any of the neighboring well owners. Staff therefore recommends approval of the application.



Evaluation of proposed move for Water Right No 16405

Proposed: Move the well authorized under water right no. 16405 ID 1 a distance of 1,288 ft to the northeast.



Wells within 1 mile: 16405 ID 6, 22633 ID 4, 22633 ID 7, 22633 ID 8, 22633 ID 9, 22560 ID 3, 22560 ID 7, 23662 ID 3, 23662 ID 4, 15584 ID 7, and 20358 ID 5.

The saturated thickness at the proposed well location is estimated to be 269 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

50 year This Analysis: The following values were used to run the analysis:

$S = 0.07066$, $T = 23,691 \text{ ft}^2/\text{day}$, $tp_{\text{current}} = 194 \text{ days}$ (based upon average use and observed rate),
 $Q_{\text{current}} = 168 \text{ gpm}$ (based upon 2018 field inspection), $tp_{\text{proposed}} = 70 \text{ days}$, $Q_{\text{proposed}} = 815 \text{ gpm}$

These drawdowns were calculated as follows:

16405 ID 6: Drawdown from current location = 0.63 ft
 Drawdown from proposed location = 1.81 ft
 Net drawdown = **1.2 ft**

22633 ID 4: Drawdown from current location = 0.45 ft
 Drawdown from proposed location = 1.01 ft
 Net drawdown = **0.6 ft**

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 Division of Water Resources

22633 ID 7: Drawdown from current location = 0.51 ft
Drawdown from proposed location = 1.27 ft
Net drawdown = **0.8 ft**

22633 ID 8: Drawdown from current location = 0.40 ft
Drawdown from proposed location = 0.85 ft
Net drawdown = **0.4 ft**

22633 ID 9: Drawdown from current location = 0.59 ft
Drawdown from proposed location = 1.64 ft
Net drawdown = **1.0 ft**

22560 ID 3: Drawdown from current location = 0.43 ft
Drawdown from proposed location = 0.94 ft
Net drawdown = **0.5 ft**

22560 ID 7: Drawdown from current location = 0.41 ft
Drawdown from proposed location = 0.87 ft
Net drawdown = **0.5 ft**

23662 ID 3: Drawdown from current location = 0.53 ft
Drawdown from proposed location = 1.37 ft
Net drawdown = **0.8 ft**

23662 ID 4: Drawdown from current location = 0.51 ft
Drawdown from proposed location = 1.28 ft
Net drawdown = **0.8 ft**

15584 ID 7: Drawdown from current location = 0.62 ft
Drawdown from proposed location = 1.76 ft
Net drawdown = **1.1 ft**

20358 ID 5: Drawdown from current location = 0.50 ft
Drawdown from proposed location = 1.21 ft
Net drawdown = **0.7 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any wells within 1 mile of the proposed point of diversion, so critical well analysis is not necessary.

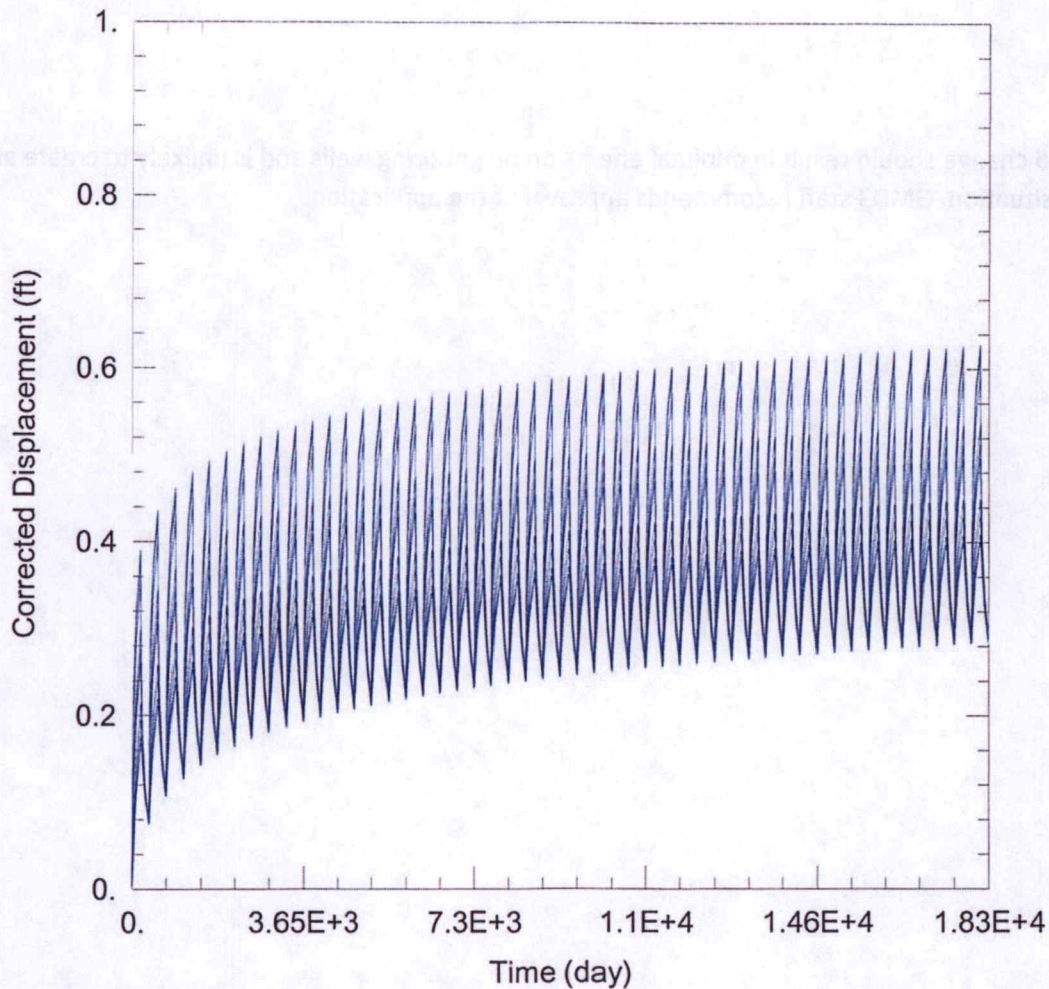
Conclusion:

The proposed change should result in minimal effects on neighboring wells and is unlikely to create an impairment situation. GMD3 staff recommends approval of the application.

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WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\16405\16405 Current.aqt

Date: 03/19/20

Time: 10:51:33

PROJECT INFORMATION

Company: GMD 3

Project: 16405

Location: Kearny County

Test Well: 16405

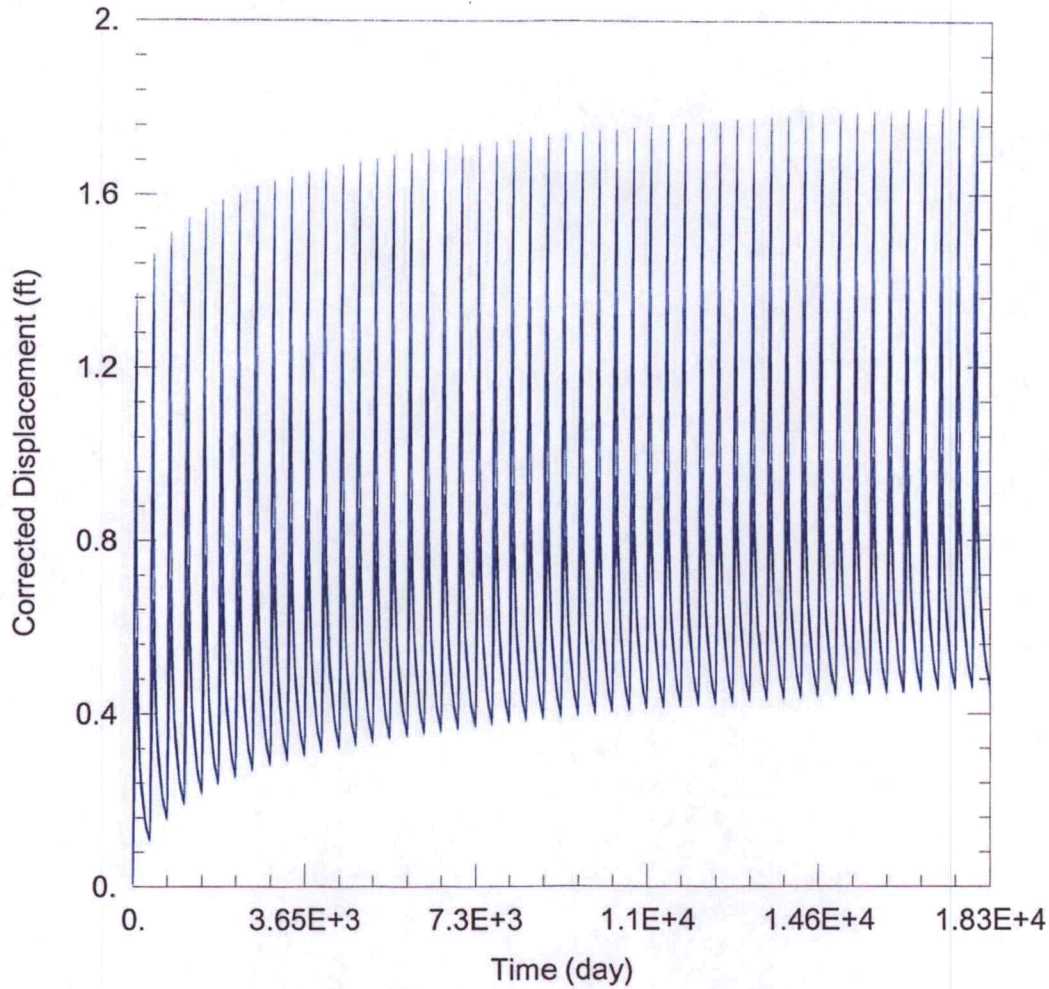
WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
16405 ID1	-102153	348748

Observation Wells

Well Name	X (ft)	Y (ft)
□	-102153	348748
□ 16405 ID6	-100357	347820
□ 22633 ID4	-102196	353453
□ 22633 ID7	-99008	350250
□ 22633 ID8	-99606	354190
□ 22633 ID9	-102664	351092
□ 22560 ID3	-96978	348576
□ 22560 ID7	-97290	351818
□ 23662 ID3	-103534	345936
□ 23662 ID4	-100295	345828
□ 15584 ID7	-104131	348006
□ 20358 ID5	-104672	351518



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\16405\16405 Proposed.aqt
 Date: 03/19/20 Time: 10:51:26

PROJECT INFORMATION

Company: GMD 3
 Project: 16405
 Location: Kearny County
 Test Well: 16405

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
16405 ID1	-102153	348748

Observation Wells

Well Name	X (ft)	Y (ft)
□	-102153	348748
□ 16405 ID6	-100357	347820
□ 22633 ID4	-102196	353453
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□ 22560 ID7	-97290	351818
□ 23662 ID3	-103534	345936
□ 23662 ID4	-100295	345828
□ 15584 ID7	-104131	348006
□ 20358 ID5	-104672	351518

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Garden City Field Office
 Division of Water Resources

Garden City Field Office
4532 W. Jones, Suite B
Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

March 16, 2020

GROUNDWATER MANAGEMENT DISTRICT #3
2009 E SPRUCE ST
GARDEN CITY KS 67846

Change Application,
File No. 16405

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Duane Koster and appears to be in proper form, for your review.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendation concerning this application. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

A handwritten signature in blue ink, appearing to read "Austin McColloch".

Austin McColloch
Assistant Water Commissioner

Enclosure
pc: