## Kansas Department of Agriculture Division of Water Resources

## **CHANGE: P/D WORKSHEET**

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
13880		C2	4	3
6. Status: ☐ Approved ☐	Denied by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				9/6/2022
8a. Applicant(s)	Person ID <b>59134</b>	8c. Landown		Person ID
New to system ☐	Add Seq#	New to sy	stem	Add Seq#
WARREN M & AMAI 613 ROAD N HUGOTON, KS 6795				
8b. Landowner(s)	Person ID			Person ID
New to system ☐	Add Seq#	New to sy	stem	Add Seq#
8a		8a		
9. Documents and Enclosure(s):		y: <b>12/31/2022</b>	N & P Date to C	Comply: <u>3/1/2023</u>
☐ Anti-Reverse Meter ☐	Meter Seal	⊠ N & P Form		ller Copy
☐ Conservation Plan Date	Required: Da	te Approved:	Date to 0	Comply:
10. Use Made of Water From	:	To: _		
			Date Prepared: <b>9/21/20</b> Date Entered:	<b>D22</b> By: <b>AM</b> By:

File No.	13880	)	11. Coun	ty: SV	В	asin: CI	MAR	RON R	IVER			St	tream:							Fo	rmation Code	: 211	Special Use:	
12. Poir CHK	nts of Dive	rsion															and Qı							
MOD DEL	PDIV															A	Authori	zed		Ad	dditional			
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13. Storage: Rate NF																								
14. Limit	ation:		af/y	r at				gpm (_				cfs) wh	hen co	mbine	d with	file n	umber	(s)						
Limit	tation:		af/y	r at				gpm (_				cfs) wh	hen co	mbine	d with	file n	umber	(s)						
15. 5YR	Allocation	: Allocation	Туре	s	Start Ye	ar		5 YR	Amou	nt		Amo	ount Ur	nit	_	Base	Acres	0	_ Co	mment _				
16. Plac	ce of Use				١	IE¼			NV	V¹/4			sv	V1/4			S	E1/4		Total	Owner C	Chg?	Overlap Files	
MOD DEL FNT	PUSE	STR	ID	N 1/2	E NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4					
CHK 1																								
снк з	7596																				b			
CHK 7	0768																							
Base Ac	cres:	Year:		Minim	um Rea	sonable	e Quai	ntity:		•			•				10							
Comme	nts:																							

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

September 22, 2022

WARREN M & AMANDA R WILLIS 613 ROAD N HUGOTON, KS 67951

RE:

Filed Office Application for Change

Water Right, File No. 13880

Dear Sir or Madam:

Enclosed is the 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 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 installation of the required meter as soon as these actions are completed.

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

The abandoned well 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,

Austin J. McColloch

ant. Malla

Assistant Water Commissioner

AM: enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

## **CERTIFICATE OF SERVICE**

On this 22<sup>nd</sup> day of September, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 13,880 dated 22<sup>nd</sup> day of September, 2022 was mailed postage prepaid, first class, US mail to the following:

WARREN M & AMANDA R WILLIS 613 ROAD N HUGOTON, KS 67951

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

												Mades concerns					F	REC	EIVED
						F	File No	1	3880									SEP	<b>6</b> 2022
1.	Application is hereby made for approval of the Chief Engineer to change the (check one or both):														9:00 Am				
	11		, ,				lace o				Point				,		Ga	rden (	City Field Office Water Resource
	under the	a water	riaht w	hich is	the c	_			ation i					ndition	e daer	rihad l		1011 01	***************************************
					ille 3		Ground		alion		Surfa			Idition	s desc	nbea	below.		
	The sour	ce or st	трый і	5.			nouna	water		Ц	Suria	ce wat	ег						
2.	Name ar	nd addre	ess of	Applica	ant: V	/ARRE	N WIL	LIS											
	613 ROA											9	ત્રી						
	Phone N	umber:	(620)	428-10	)63				Email	addre	ss: W	AWILL	IS@P	LD.CO	M				
	Name ar	nd addre	ess of	Water	Use C	orresp	onden	t: SAI	ME AS	ABO\	/E								
	SAME A	S ABO\	/E																
	Phone N	umber:	(	)					Email	addre	ss:								
3.	The pres	ently au	uthoriz	ed pla	ce of u	se is:													
)	Owner of Land NAME: ADDRESS:																		
		A	ADDRE	ESS: .															
	(If there is	more th	an one	landov	ner, at	tach su	ppleme	ental sh	eets as	neces	sary.)								
				NE	1/4			NV	V1/4			SV	V1/4			SI	E1/4		TOTAL
Sec	. Twp.	Range	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
	If this ap Owner o	f Land -	NA Addri	AME: .	NO CH	HANGE HANGE	<u> </u>					ace of	use be	e chan	ged to	:			
				NF	1/4			NV	V¹/4			SV	V½			SI	E1/4		TOTAL
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5.	Presently author	ized point of	diversion:				
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					South, Range		
					2410 feet West of S		
					Depth of well		
	(DWR use only:	Computer ID	No. 1 GP	S	feet North	feet W	est)
					No change, point better de		
	3				ed or if existing point is		
			*		Quarter of the		
					South, Range		
					387 feet West of S		
					Proposed well depth (		
					hts that will use this point		
	1Vinos						
6.	Presently author	ized point of	diversion:				
٠. ا					Quarter of the		Quarter
					South, Range		
	in	Col	ıntv Kansas	feet North	feet West of S	Southeast corne	er of section
	Authorized Rate		Authorized Quantity	_ 1001 1101111 _	Depth of well	(fee	et)
	(DWR use only:	Computer ID	No. GP	S	feet North	feet W	est)
					No change, point better de		
					ed or if existing point is		
					Quarter of the		
					South, Range		
					feet West of S		
					Proposed well depth (		
					hts that will use this point		
L	Tilla politi ia.	dullional vven		ther water rigi	itis triat will use triis point		<del></del>
7.	The changes here	in are desired	for the following reasons	s?			
					North		
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				E			
8	If a well is the test	hole log attach	ed? Xes No	E		1 + 1 +	=
0.	ii a well, is the test	noic log attach	ica: 🔼 ics 🔲 ito	200	-1/4   +   =	1 + 1 +	200
9.	The change(s) (was	s)(will be) com	pleted by?	E	-/ =		\ <u>_</u>
				100	$L_{1} + 1 + 1 = 1$	1 + 1 +	100
				100			# # 200
10.	If the point of divers	sion is a well:		#			1
	(a) What are you	going to do with	n the old well?	West 0	#don/odon/odo <b>z</b> o	փուփուփուփ	11 1++ <u>1</u>   0 East
				<b>#</b>			4
				100	1 + 1 + 1 =	1 + 1 +	100
	(b) When will this	be done?			\' ' ' ' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
				E	=		
11.			t recommendation attached	d? 200	-141+=	1+1+	200
	☐ Ye	es No		E	=	_ /_	3
40	A ! -   10/00	50				4	
12.	Assisted by JG/GC	FU		300	200 100 0	100 200	300
13a	. If the proposed poir	nt of diversion w	vill be relocated more than	300	South	Scale: 1 hashm	
	feet but within 2,640	of the exi	sting point of diversion, att	ach 13b. If the	e proposed point of diversion	n will be relocated the diversion, and	ted within a 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

3b.If the proposed point of diversion will be relocated within a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)

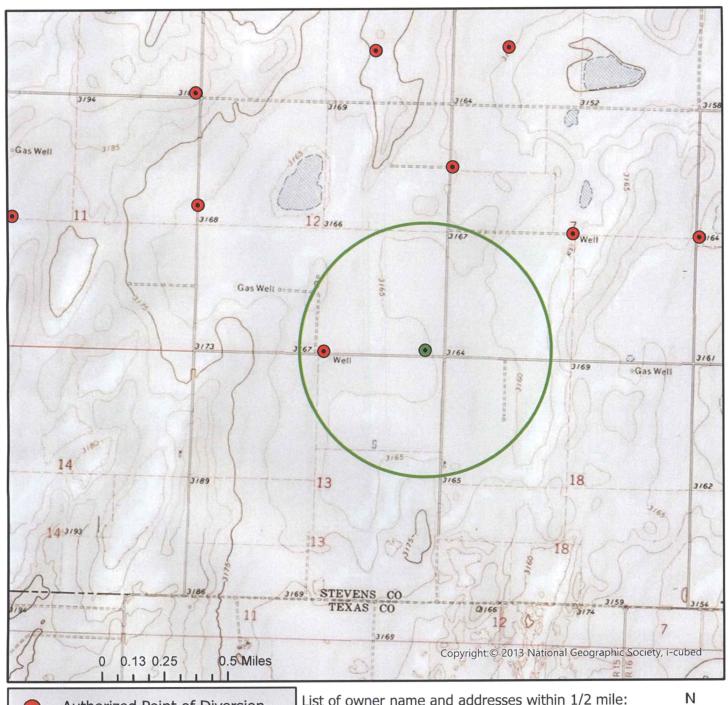
14. If the proposed groundwater point of diversion is 500 of fewer feet no	in the existing point of diversion, complete the following.
(a) Does the undersigned represent all owners of the currently authors. Yes No (If no, all owners must sign this application)	
<ul> <li>(b) Will the ownership interest of any owner of the currently author affected if this application is approved as requested?</li> <li>☐ Yes</li> <li>☐ No</li> <li>(If yes, all owners must sign this application)</li> </ul>	
(c) If this application is not approved expeditiously, will there be subset of the sub	
If the application proposes a surface water change in point of diversion, a or a change in place of use, the application must be signed by all owners agent (attach notarized statement authorizing representation).	
I hereby verify, being first duly sworn upon my oath or affirmating age and the owner, the spouse of the owner, or a duly authoritheir behalf, in regards to the water right(s) to which this appropriate in this application are true, correct and complete.	zed agent of the owner(s) to make this application on lication pertains. I further verify that the statements
Dated at, Kansas, this _	2 day of September , 2022.
Thank Tollk (Owner)	2 day of <u>September</u> , 2022.  Amanda R Willis  (Spouse)  Amande R Willis
(Please Print)	Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas ) SS	
County of Stevens	= 1
I hereby certify that the foregoing application was signed in m of Scotember , 20 22	
NOTARY PUBLIC - State of Kansa DORA I ROJAS —	Notary Public
My Commission Expires 8-13-24 My Appt Expires 8-13-24	
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all caccurate information; maps, if necessary, must be included; signatures of all the apthe appropriate fee must be paid.	of the applicable portions of the application form must be completed with propriate owners' must be affixed to the application and notarized; and
FEE SCHEDU	<u>.E</u>
Each application to change the place of use or the point of diversion under forth in the schedule below: Make checks payable to: Kansas Departme  (1) Application to change a point of diversion 300 feet or less  (2) Application to change a point of diversion more than 300 feet  (3) Application to change the place of use	nt of Agriculture \$100
, , , , , , , , , , , , , , , , , , , ,	Ψ200

## SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro	ovisions of the Kansas Water Appropriation Law, K.S.A. 82a-7	66, as amended, and K.A.R. 5-5-1, et seq. and other applicable 01 et. seq., and rules and regulations promulgated thereunder, this Summary Order does not change the terms, conditions and						
1.	A change application was received on	requesting that the place of use and / or point of er be changed as described in the application.						
2.	On and after the effective date of this summary order, the auth the topographic map accompanying the application to chan	orized place(s) of use shall be located substantially as shown on ge the place of use. ☐ Applicable ☑ Not Applicable						
3.	The change in point of diversion shall not impair existing right previously authorized. The point of diversion authorized by radius of the authorized point(s) of diversion.	s and shall be limited to the same source or sources of water as this summary order shall be located within a 300 foot						
4.	The point(s) of diversion described herein is administrativel Positioning System (GPS), as described in the application.	y corrected to be more accurately described using the Global ☐ Applicable ☒ Not Applicable						
5.	The point(s) of diversion authorized herein shall not actually b authorized point(s) of diversion. ☐ Applicable ☐ No	e located more than feet from the previously t 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, 20 , 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, 20, or within any authorized extension of time. By March 1, 20, 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							
9.	The completed well log shall be submitted with the requir	ed 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.	water appropriated under the above-referenced file number limitations, as amended and/or supplemented by this Summappropriation Law and the Rules and Regulations promule.	R. 5-5-14, all of the owners of the authorized place(s) of use of er are responsible for compliance with its terms, conditions and mary Order, and with applicable provisions of the <i>Kansas Water</i> gated thereunder. Failure to comply with these provisions may ended, and/or the suspension or revocation and dismissal of the as authorized by law.						
	Administrative Appeal and Effective Date of Order	FOR OFFICE USE ONLY						
you Eng	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901, a may request an evidentiary hearing before the Chief gineer or request administrative review by the Secretary of iculture. A request for hearing by the Chief Engineer must be	SUMMARY ORDER ISSUED  By: Ant. Malle						
filed adn day revi File Leg 665	d within 15 days of service of this Order and a request for ministrative review by the Secretary must be filed within 30 /s pursuant to K.S.A. 77-531. Any request for administrative iew must state a basis for review pursuant to K.S.A. 77-527. e any request with Kansas Department of Agriculture, gal Division, 1320 Research Park Drive, Manhattan, KS 502. Failure to timely request a hearing or review may clude review under the Kansas Judicial Review Act.	Duly Authorized Designee of the Chief Engineer  (Print Name): Multiple Mollow  Division of Water Resources - Kansas Department of Agriculture  Date of Issuance: State of Kansas  )						
	For Use by Register of Deeds	County of Jinney ) SS						
		Acknowledged before me on Westernber 22, 20						
		by Austin McColloch.						
		Signature: Notary Public						
		My commission expires:    My Appeintment Expires   My Appeintment Expir						
		AT "744000"						

## CHANGE IN PLACE OF DIVERSION WATER RIGHT, FILE NO. 13880

SE 1/4 of Section 12 Township 35 South Range 38 West Stevens County



**Authorized Point of Diversion** 

Proposed Point of Diversion

Domestic Well within 1/2 mile



1/2 mile buffer

All wells of any kind within 1/2 mile of the requested place of use have been plotted.

List of owner name and addresses within 1/2 mile:



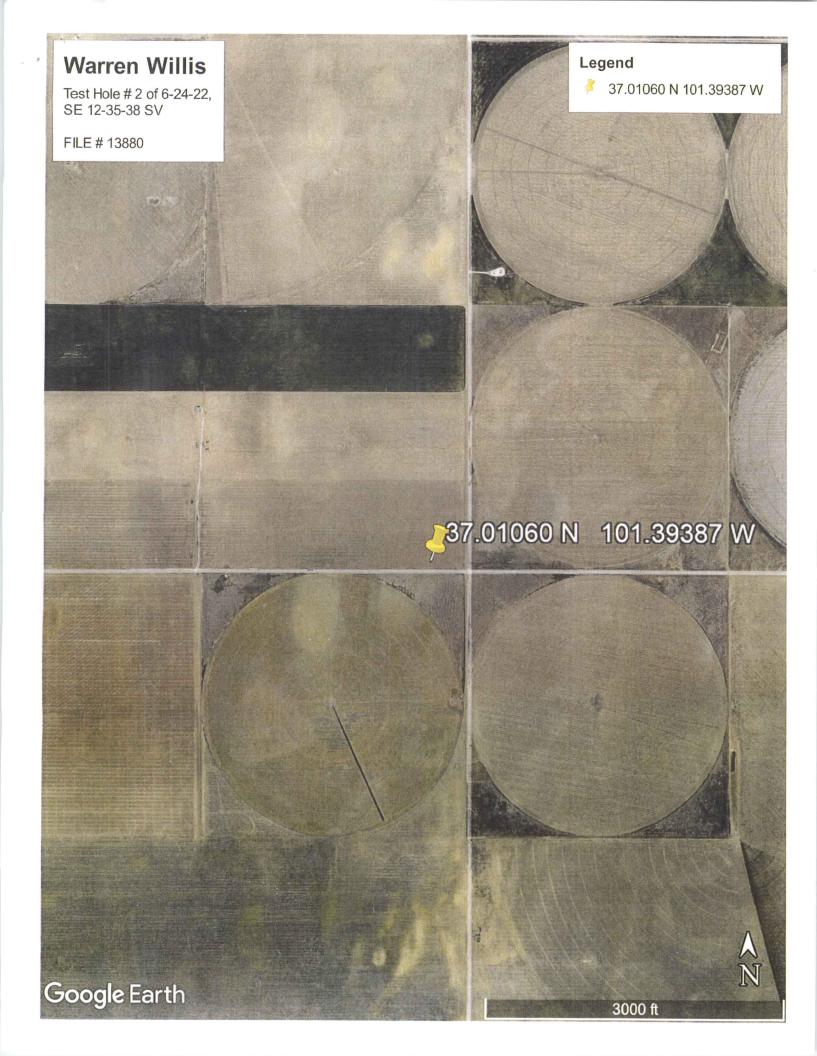
3795 W. Jones Ave. Garden City, KS 67846 % PH: 620-277-2389



PO Box 639 Garden City, KS 67846 Fax: 620-277-0224

WARREN WILLIS CELL 620-428-1063

Customer Street Add	Name:	Warren 1	Villis	A /	WO#: 23 820	Date: <u>6-24-22</u>
City State	iress:	61	3 14040	Section: 12	Test #: 2 Driller: Dak G	E LOG: No
Caustin Caustin	01	AU	COTUN	KE 6795-1	Driller: Dale G.	ino
Location:	Stevens	. Quarter:	SE	Section: 12	Township: 35	Range: 38
Location:	Seeinga Transactorium Communicatorium Communic			GPS	: N37,01060 Wiol.	39387
Rig #:	10002		-	Elevation: 3/65	Static WL:	_Estimated? 180ft,
				PEDIALENE	Proposed Well Depth	Range: 38 37387 Estimated? 480ft.
	T	Footage		SELTHERWISH	WELL LOCATION	DO SUMP
%	From	Pay	To		Description of Strata	13880
	0	,	2	TOP Soil	Description of Strata	7100
	2		12		15 51 0 11	
	12		38	S IF' IF	W/ Few Fine Sand 1	edges
	38		50	Brown Clay Wisom	ay hayers	
	50		68	Sand Fine W/Some	calich Mixed	
	68		87	Bus C / C/	I Fam Fine Sand Lay	
	87		115	S F' MIC	11 Fow Fine Should Lung	1475
	115		137	Bear Cod Cl	16 151 11 12	1 + Couple Clay Layers
	137		155	Calich & Lime Rock	/ Fan Thin Lime Flac	IC Strips & Calich
	155		171	13 C / O/	15 1. 1. 1. 1. 12	
	171		183	Brown Sandy Clay Sand Fine Med	W/ Lasich & Line R.	o e le
	183		226	Sand Fine Med Co.		
	226		234	Sand Fine 120 Co.	nuse.	1
	234		259	S. JE' Made	onese W/ Brown Ro	y 2-14-015
	259		265	Brown Sandy Clay	ourse W/ L) roun Ro	CPE
35	265	120	400	Sand Fire Made	2 1/3 1/4	Tan Rock + Small Good
30	400	16	416	Sand Fine Med Co	sarge my / Nown 4	an Mock & Small Grade
20	416	24	440	Sand Fine Med	arst wellstown + lan	nesc
25	440	55	495	Sand Fine Med Com	A 4	
25	495	21	516	Sand Fine Med Con		1
35	516	149	465	Sand Fine Med Come	est w/ Comple Clay	12 1
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					Provin 417 61	
and the said of the said said said said said said said said						





## Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street Garden City, Kansas 67846 (620) 275-7147 phone

www.gmd3.org

September 16, 2022

RECEIVED

SEP 1 6 2022

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

Garden City Field Office Division of Water Resources

RE:

Application for Change in Point of Diversion

Water Right, File No. 13880

Dear Austin:

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

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 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 with saturated thickness is greater than 200ft), 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 above the maximum allowable threshold and needed no further evaluation. No critical wells were determined in the area. We did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. 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

# GMD3 Change Review

File No(s).: <u>13880</u> .		DWR office: <u>GC</u> .
App filed to change: PD		
Is Landowner(s) correct in		Willis .
If NO, is document		
Is Water Use Corresponde		S? .
If NO, is document		
Regulation(s) Reviewed: k		
Point of diversion ID No(s		nged.
101110111101111111111111111111111111111	) <u> </u>	
ft. Nor	th ft. West	
Authorized PD 52	250 2410	Sect 13-35-38
Proposed PD	66 387	Sect 12-35-38
Difference	96 n 2023	e
a2 + b2 = c2 92	216 4092529	2025.277 foot move NE
GPS for proposed PD: Lat	t: <u>37.01060</u>	Long: -101.39387.
Is proposed PD stacking or	n existing WRs?	No
Is Proposed PU overlappin	ng existing WRs?	No Change.
Neighboring certified well	(s) notified:	
Name Claggett Family	LLC (20296).	
Address 8003 Oakview D	<u>)r</u> .	
Zip Amarillo, TX 79	<u>119</u> .	
Email: _stegrace@pld.cor	n Phone:	620-544-5293.
Name Bill Dale Agency	y Inc. (25042).	
Address PO Box 193, 14	10 Eisenhower.	
Zip <u>Hugoton, KS 679</u>	<u>951</u> .	
Email: . Phone: 6	<u>520-544-1794</u> .	
LV CO II STORE SET		
Domestic well(s) notified:	·	
Name		
Address		
Zip		
Dana Aarran		
Base Acres:		
Perfected Acres:		
Irr. Return-Flow%		
Stevens County 13880 autorized 562AF @	@ 1210gpm 220	0' minimum specing
		2022, making overlap with other WRS
Well was not running du		
Average water use repor		_
Average water use repor	teu (2012-2021):	JOJ. IAF/year

## **GMD3** Change Review

## 2021 WUR showed 750gpm

## No log for the current well.

Is a waiver needed: <u>Move is less than half mile</u>. Appears minimum well spacing is met. Analysis shows possible effects well within range and no critical wells.

Recommendation: <u>After review of all available information, it appears current area rules are met.</u> Staff therefore recommends approval of the application.

Water Rights and Points of Diversion Within 1 mile of point defined as: 66 Feet N and 387 Feet W of the Southeast Corner of Section 12 Twp 35S Rng 38W Located at: 101.393869 West Longitude and 37.010599 North Latitude File Number Hee ST SD Die File Number Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth Quan Add Quan 13880 00 IRR NK G\* 2142 -- -- 5250 2410 13 35 38W 1 562.00 3944 -- NW NW SE 2625 2604 20296 00 IRR NK G 260.00 260.00 3880 -- -- CW NW 3960 5200 25042 00 IRR NK G 7 35 37W 2 558.00 558.00 AF .00 2719.53 AF \_\_\_\_\_ Total Net Quantities Authorized: Direct Storage .00 Total Requested Amount (AF) = .00 .00 Total Permitted Amount (AF) = .00 .00 Total Inspected Amount (AF) = .00 .00 Total Pro Cert Amount (AF) = .00 1380.00 Total Certified Amount (AF) = .00 Total Vested Amount (AF) = .00 .00 TOTAL AMOUNT (AF) = 1380.00 .00 An \* after the source of supply indicates a pending application for change under the file number. after the ID indicates a 15 AF exemption was granted under the file number. A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the The number in the Batt column is the number of wells in the battery. Water Rights and Points of Diversion Within 1 mile of point defined as: 66 Feet North and 387 Feet West of the Southeast Corner of Section 12 Twp 35S Rng 38W Located at: 101.393869 West Longitude and 37.010599 North Latitude Both SURFACE WATER and GROUNDWATER WATER USE CORRESPONDENTS: \*\*\*\*\*\* File Number Use ST SR Application > WARREN M & AMANDA R WILLIS > 613 ROAD N > HUGOTON KS 67951 ------CLAGGETT FAMILY LLC 20296 > 8003 OAKVIEW DR > AMARILLO TX 79119 BILL DALE AGENCY INC > PO BOX 193 1410 EISENHOWER > HUGOTON KS 67951 > 613 ROAD N > HUGOTON KS 67951 > NEW Aff has been tiled >-----

#### Evaluation of proposed move for Water Right No. 13880

Proposed: Move water right no. 13880 to a new well location, a distance of 2,142 ft to the east.



Wells within 1 mile: 25042 and 20296.

The saturated thickness at the proposed well location is estimated to be 309 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

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

S = 0.1954, T = 6344 ft<sup>2</sup>/day,  $tp_{current} = 116$  days (based on average use and observed rate),  $Q_{current} = 750$  gpm (based on 2021 water use report),  $tp_{proposed} = 105$  days,  $Q_{proposed} = 1210$  gpm

Theis drawdowns were calculated as follows:

25042:

Drawdown from current location = 2.46 ft

Drawdown from proposed location = 4.08 ft

Net drawdown = 1.6 ft

20296:

Drawdown from current location = 2.18 ft

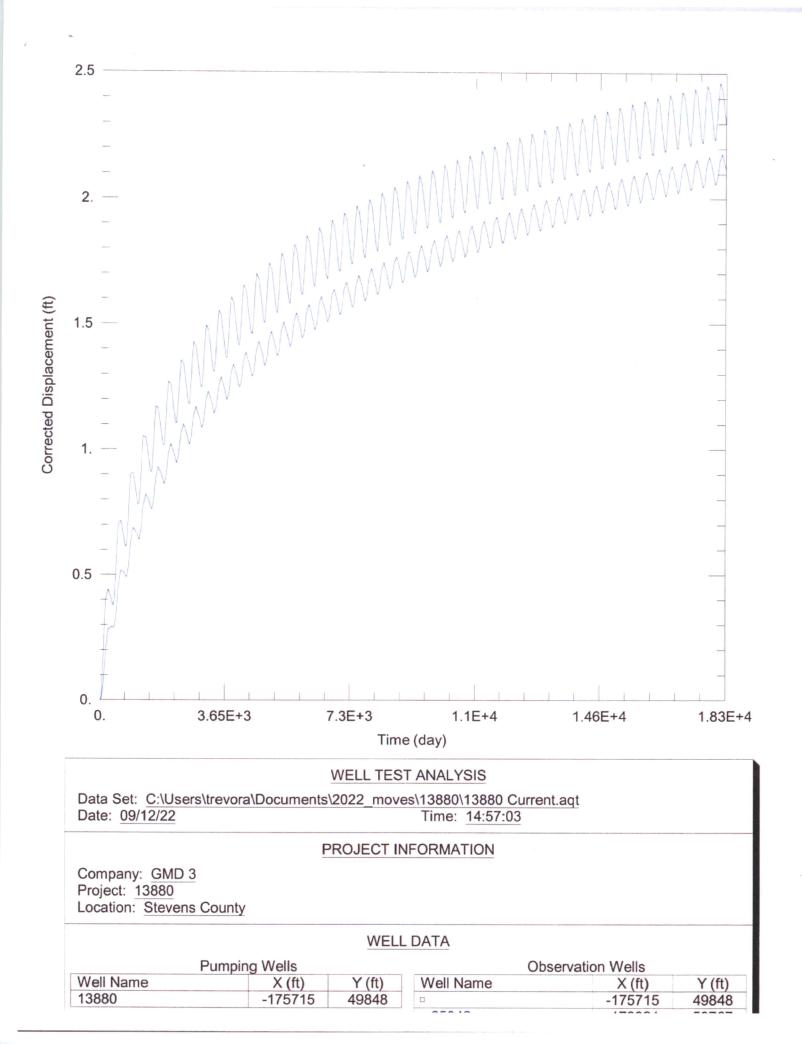
Drawdown from proposed location = 4.04 ft

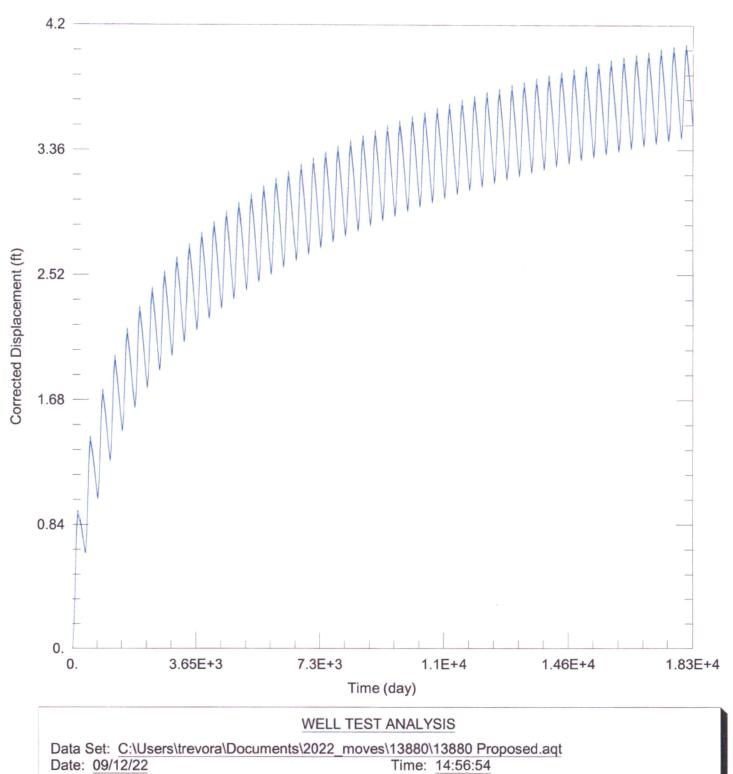
Net drawdown = 1.9 ft

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

## Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.





## PROJECT INFORMATION

Company: GMD 3 Project: 13880

Location: Stevens County

## WELL DATA

- t	Jumping Wells		Obs	Observation Wells				
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)			
13880	-173574	49918		-173574	49918			

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

September 8, 2022

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

Re:

Request for Recommendation,

File No. 13880

#### Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Warren Willis 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,

Austin McColloch

Assistant Water Commissioner

Enclosure

pc: