Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET REDUCTION IN QUANTITY AND RATE

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
13741	2/25/2020	C1	04	03
6. Status: ☐ Approved ☐ Deni	ed by DWR/GMD	Dismiss by Request	/Failure to Return	7. Filing Date of Change:
				12/2/19
8a. Applicant(s)	Person ID 37673	8c. Landown		Person ID
New to system □	Add Seq#	New to sy	stem []	Add Seq#
STEVE W & WYLENE KL PO BOX 103	IEWER			
CIMARRON KS 67835				
8b. Landowner(s) New to system □	Person ID 37246 Add Seq#	8d. WUC New to sy	retem 🗆	Person ID
	-	_ `		Add Geg
TERRY HUNSBERGER 1 1401 E HACKBERRY ST		8a N	IO CHANGE	
GARDEN CITY KS 67846				
9. Documents and Enclosure(s): 🛛 DV	VR Meter(s) Date to Compl	y: 12/31/2020	N & P Date to	Comply:12/31/2020
☐ Anti-Reverse Meter ☐ Meter	Seal	⊠ N & P Form	☐ Water Tube ☐ D	riller Copy
☐ Conservation Plan Date Require	ed: Da	te Approved:	Date to	Comply:
10. Use Made of Water From:		To:		
To. dec made of viater Trom.				
		I	Date Prepared: 1/23/2	2020 By: LI
		1	Date Entered:	Ву:
				2/26/2020
- ,				LMoody

File No.	13741		11. Count	ty:	Ва	asin:	В	UCKN	ER CF	REEK		S	tream		NA					Fo	rmation Code:	211 Special Use:	NA
12. Poir CHK	nts of Dive	rsion														Rate	and Q	uantity		1			
MOD	DDI\/															P	Authori	zed		A	dditional		
DEL ENT	PDIV	Qualifier	S	Т	R	ID		'N	ʻW		Com	ment	(AKA	Line)		Rate gpm		Quantit af	У	Rate gpm		Overlap PD Files	
MOD	16420	SW SE SE	30	24	28W	2	7	1	121	0						214		231		214	231	20207002 MF	
ENT	46892	NW NE SE	30	24	28W	3	2	600	102	0	ADDI	TION	AL V	/ELL		13		21		13	21	28264 & 2020700	1 MF
																						· 	
13. Stora	age: Rate			_NF	Qua	intity _					ac/ft	A	dditior	al Rat	e				NF	Addi	tional Quantity		_ac/ft
14. Limit	ation:		af/y	r at				gpm (_				cfs) w	hen co	mbine	ed with	n file n	umber	(s)					
Limit	ation:		af/y	r at				gpm (_				cfs) w	hen co	mbine	ed with	n file n	umber	(s)					
15. 5YR	Allocation	: Allocation	Туре	s	tart Yea	ır		5 YR	Amou	nt		Amo	ount U	nit	_	Base	Acres		_ Co	omment _			
16. Plac	e of Use				N	E¼			NV	V1/4			sv	V ½			S	Ε1⁄4		Total	Owner Ch	ng? Overlap Files	
MOD DEL ENT	DUSE	STR	ID	NE 1/4		SW 1/4	SE ¼	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				
NO CH		0 1 10	15																				
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Base Ac		Year:			um Reas				L W	ELL	REV	/IEW	/ AF	TER	5-1	O YE	EARS	3					

KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources

<u>MEMORANDUM</u>

TO: Files DATE: February 11, 2020

FROM: Leslie Ireland

RE: Water Right
File No. 13,741

ne Kliewer filed on hehalf of

The water use correspondents, Steve W. & Wylene Kliewer filed on behalf of the owner Terry R. Hunsberger who signed on behalf of his trust completed an application for approval to change the point of diversion authorized for irrigation use. The application received in this office on December 2, 2019, proposes to add an **additional well** per K.A.R. 5-5-16, *Additional well*.

The referenced water right is considered in good standing as per K.S.A. 82a-718 and K.S.A. 82a-732. The application complies with K.A.R. 5-5-2a, *Complete change application*.

The applicants propose to move a portion of the referenced file quantity and rate to the existing well authorized under File No. 28,264, to authorize a better representation of the annual quantity historically diverted. The proposed existing well is located 2,536 feet to the North of the well presently authorized by the referenced file with its well authorized as in the (SW¼ SE¼ SE¼) of Section 30, Township 24 South, Range 28 West, Gray (GY) County. Mitch French, DWR GCFO, helped to determine the location of this well to be approximately 71 feet North and 1,210 feet West of the Southeast corner of Section 30. The location of the well under File No. 28,264, is in the (NW½ NE¼ SE¼), approximately 2,600 Feet North and 1,020 Feet West of Southeast corner of Section 30 Township 24 South, Range 28 West, Gray (GY) County. It appears the move would be acceptable pursuant to GMD No. 3, K.A.R. 5-23-3(b) maximum move of 2,640 feet.

The referenced file is authorized a total quantity of 261 acre-feet (AF) at a rate of 700 gallons per minute (gpm), there are no additional limitations on the rate or quantity. Historically, the right was reduced to provide 59 AF and 300 gpm for File No. 28,264. Together 320 AF were authorized to irrigate 160 acres in the SE¼ of Section 30 Township 24 South, Range 28 West, Gray (GY) County. The source of supply has not been determined, however the 1976 reduction of File No. 13,741, was completed to permit File No. 28,264. This indicates they are in the same local source of supply. The right is not within a special use area. It is in Groundwater Management District No. 3.

The presently authorized well has not had the source of supply determined. A review of information in KGS Bulletin No. 55, KGS well logs in the area, and the proposed additional well log indicate the source of supply is the Ogallala Formation (Code 211). The depth to water for the referenced file's well appears to have never been reported. The well depth has been listed in the late 80's to be 265-270 feet deep. The 1977 log for the additional well stated a depth to water of 146 feet with a well depth of 265 feet. It appears the requirements of K.A.R. 5-5-16(b) have been met for these existing wells.

The place of use for the referenced file is a complete overlap with File Nos. 28,264 for a total of 160 authorized acres. The maximum acres irrigated during the perfection period under File No. 13,741 were determined by Staff at the Garden City Field Office to be 160 acres which was utilized for the determination of the quantity for the consumptive use calculation as required by K.A.R. 5-5-16(a)(2)(C)(i):

160 acres X 1.34 (80%NIR GY Co.)) ÷ 0.85 = 252.23 acre-feet.

It would appear the authorized quantity of 261 acre feet be reduced to 252 acre-feet as required by K.A.R. 5-5-16(a)(2)(C)(i) assuring consumptive use will not increase. The 252 AF when combined with the 59 AF under File No. 28,264, provides 311 AF for the 160 authorized acres, or 1.94 AF per acre. This appears reasonable for Gray County as the net irrigation requirement at an 80% chance of rain is 1.34 AF per acre and this area is afforded a maximum of 2 AF per acre.

The tested rate of diversion as required by K.A.R. 5-5-16(a)(3)(A) was submitted with the application. Division Staff from the Garden City Field Office conducted a rate test and completed a Meter Comparison Form on September 16, 2019. The test at a uniform flow produced a maximum rate of 226.9 GPM (0.51 c.f.s.). The authorized a rate of 700 GPM, will permanently be reduced to 227 GPM. As required by K.A.R. 5-5-16(a)(3)(A) the rate has been divided between the wells as specified in K.A.R. 5-5-16(d), requesting to retain 214 GPM at the authorized well and transfer 13 GPM to the existing additional well authorized 300 GPM under File No. 28,264.

The proposed change will move 21 acre-feet of water to the existing point of diversion resulting in a combined total of 80 acre-feet. Under K.A.R. 5-23-3 (a), **Minimum well spacing requirements: high plains aquifer** the additional well requires a minimum well spacing of 1,300 feet to nondomestic wells and 660 feet to domestic wells. The nearby irrigation well under File No. 27,504 is approximately 2,640 feet away and the Maxwell domestic well appears to be approximately 900 feet from the proposed existing additional well. It appears the proposed change meets the spacing requirements of K.A.R. 5-23-3 as required by K.A.R. 5-5-16(c).

A check for nearby wells located within one-half (½) mile of the proposed additional point of diversion listed by KGS-KDHE indicates a domestic well listed by the applicant. Further review found an irrigation well under File No. 27,504 as indicated by the WRIS database. Letters informing these nearby well owners the proposed change were sent on January 3, 2020. No comments of any kind were received.

Jason Norquest, Assistant Manager with the Southwest Kansas Groundwater Management District No. 3, recommended approval per their letter dated January 31, 2020, which was received in the office of the Chief Engineer on February 3, 2020.

Michael Meyer, Water Commissioner of the Garden City Field Office worked closely with the processing of the change. He recommended approval on February 11, 2020.

A water flowmeter will be required on each well as per K.A.R. 5-5-16(e) and a check valve is required if any chemical or foreign substance is injected through the diversion works. As the wells are proposed to operate under MYFA's the meters will be required to be sealed. Water level measurement tubes will not be required by the approval as the wells are existing. A copy of a WWC-5 of the proposed well was located in the KGS well log database. As per K.A.R. 5-5-16(a)(4), a condition will be placed on the approval that the administrative priority of the additional well will be December 2, 2019, and the approval will contain the jurisdictional wording as required by K.A.R. 5-5-16(f).

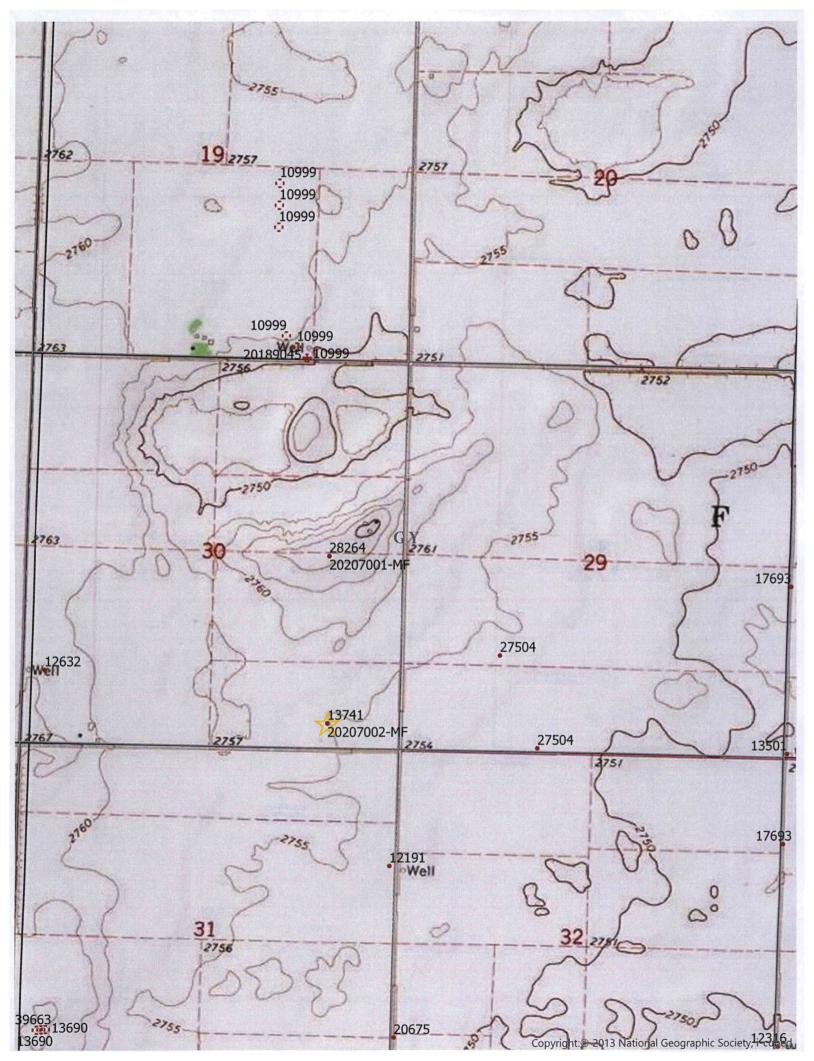
Based on the above discussion, and that the change is reasonable, impairment to existing water rights is unlikely, there are no pending change applications within the vicinity of this proposed change request that may be affected by this approval and no change in the local source of supply will occur, it is recommended the referenced application be approved.

Leslie Ireland

Keslie Sheland

Environmental Scientist

Change Application Unit



USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

1

LODICS TO BE MAPPED AT LOCATION OF APPITIONAL WELL PROPOSED BY APP-WATER WELL RECORD FLUEND. 28264 Kansas Department of Health and Environment-Division of Environment-Divisio

(Water well Contractors) Topeka, Kansas 66620

1 1 1	County	Fraction		Section	number	Township number	Range number				
1. Location of well:	Gray	NW1/4 NE 1/4 SE	1/4	3	0	T 24 s	R 28	E.W			
2. Distance and dire 7½ N & Street address of well	ction from nearest town or city: 3/4 E of Ingalls	5	R.R. or	er of well	In	dy Loewen					
4. Locate with "X"		Sketch map:				6. Bore hole dia. 26 in. Well depth 265 ft.	Completion date 7				
NW	NE					7 Cable tool Rotary Hollow rod Jetted	Driven Dug BoredXXever				
=== XW ===	IX IX					Lawn Oi	r conditioning Sto I field water Of	her .			
5						9. Casing: Material Steel Threaded WeldedX RMP PVC Dil 6 in. t265 ft. depi	iSurface12 iWeight31	in. _lbs./ft.			
5. Type and color of		achment		From	То	Dia in. to ft. dept 10. Screen: Manufacturer's n	h gage No.	36. 0			
						Type Louvered Slot/gauze 125	Dia. 16				
						Set between <u>265</u> ft. o	ft. and 235 and 175	ft.			
	* ₇					Gravel pack? YES Size rand 11. Static water level: 146 ft. below land sur	mo.	/doy/yr.			
						12. Pumping level below land 230 ft. after h		. g.p.m.			
						Estimated maximum yield	nrs. pumping	g.p.m. _g.p.m.			
						13. Water sample submitted: Yes X No 14. Well head completion:	X No Date				
						Pitless adapter Pitless adapter	12 Inches above	grade			
						With: Neat cement X: Depth: From O ft. to		Concrete			
						16. Nearest source of possible ft Direction Well disinfected upon comple	Туре				
7				 		17. Pump: Manufacturer's name		70			
						Length of drop pipe	HP Vol ft . capacity	"			
	3					Type: Submersible Jet	Turbine				
10. []	(Use a second s	heet if needed)				Centrifugal	Other	Sec			
18. Elevation: Flat	19. Remarks:					20. Water well contractor's of This well was drilled under made is true to the best of my known	y jurisdiction and this				
Topography:Hill	,				1	Henkle Drlg. Business name Address Box 639 G	Lice	ense No			
Slope Upland Valley						Signe Authorized rep	hurel Date	4-7-77			
	ue and pink copies to the Department	of Health and Environment					Form WW	/C-5			

DRILLERS TEST LOG

CUSTOMERS NAME RUGY	Loewen	DATE
STREET ADDRESS		TEST # 8 E. LOG 280'
CITY & STATE Inga	lls, KS	DRILLER Rector
COUNTY Gray QUARTER_	SE SECTION 30 TOWN	NSHIP 24 RANGE 28
LOCATION 185' E of Te	t #7	WELL TOCKTON

				WELL LOCATION
%	F	OTA	GE	Static Water Level
	From	Pay	To	DESCRIPTION OF STRATA Proposed Well Depth
	0		3	Top soil
	3		20	Brown clay
	20		29	Brown sandy clay
	29		48	Brown clay
	48		65	Caliche and gyp rock
	65		83	Cemented sand, fine med. coarse
	83		95	Brown sandy clay and sand
	95		106	Sand fine med. coarse, med. small gravel, fairly
				loose, took water
	106		120	Brown clay, caliche gyp and fine sand
	120		138	Sand fine med, coarse, few small gravel and small
				clay sts.
	138		145	Brown clay
	145	100	150	Very fine sand med.
	150		165	Brown clay and very fine sand sts.
65	165	12	177	Sand fine med. coarse, small gravel and small white
			140	rock (loose) used lots of water .
	177		186	Brown clay
	186		194	Brown sandy clay and sand sts.
35	194	8	202	Sand fine med. coarse, few tiny white rock and smal
				clay sts., used water
65	202	36	238	Sand fine med. coarse, few med. small gravel and me
				to small white rock, used water
	238		246	Brown Clay
10	246	4	250	Brown clay, fine sand, very little broken white roc
				used water, fairly loose
-	250		255	Brown clay
65	255	8	263	Sand fine med. coarse, small gravel and med. to small
			-	white rock, loose, used lots of water
	263		268	Sand fine med.coarse, small gravel and med. to small
		-	 	white rock, loose, used lots of water
	268		280	Shale (hard)
		68		
-	+	-	+	TOTAL DEPTH OF WELL 265 FT.
Being doing			1	Set up facing west
- AND THE LOW			+	Dig pit on north
Philippe and States and the	-			
heal Marian Laur	1			

GARDEN CITY, KS Phone 276-3278 TEST HOLES * * * * HENKLE DRILLING & SUPPLY CO., INC. IRRIGATION HEADQUARTERS

SUBLETTE, KS
Phone 675-4311
* * STOCK WELLS

Ireland, Leslie [KDA]

From:

Meyer, Mike [KDA]

Sent:

Monday, February 10, 2020 10:20 AM

To:

Ireland, Leslie [KDA]

Subject:

RE: Recommendation for Change in PD, File No. 13741 Hunsberger

Yes please approve and have meters sealed thanks

Mike

From: Ireland, Leslie [KDA] < Leslie.Ireland@ks.gov> Sent: Wednesday, February 5, 2020 12:37 PM

To: Meyer, Mike [KDA] < Mike. Meyer@ks.gov>; McColloch, Austin [KDA] < Austin. McColloch@ks.gov>

Subject: Recommendation for Change in PD, File No. 13741 Hunsberger

Mike,

Please let me know if you'd recommend this change to help fix the operation of the North well under File No. 28,264. The approval document will be the standard for additional wells except it will require the meters be sealed like the proposed MYFAs under File Nos. 20207001 MF & 20207002 MF

As always comments and concerns are welcome.

Leslie Ireland, Environmental Scientist Kansas Department of Agriculture Division of Water Resources - Change Unit (785) 564-6633 Leslie.Ireland@ks.gov www.agriculture.ks.gov

Ireland, Leslie [KDA]

From:

Ireland, Leslie [KDA]

Sent:

Thursday, January 2, 2020 11:04 AM

To:

French, Mitch [KDA]

Subject:

RE: File No. 13,741 Change application

It will work. Thank you 😂



From: French, Mitch [KDA] < Mitch. French@ks.gov>

Sent: Thursday, January 2, 2020 10:27 AM

To: Ireland, Leslie [KDA] <Leslie.Ireland@ks.gov>; Meyer, Mike [KDA] <Mike.Meyer@ks.gov>

Subject: RE: File No. 13,741 Change application

Seems I did not GPS it. But on 8/17/17 GMD3 did get a GPS on the well of 37.92888/-100.43207. NAD 27 converted to NAD 83 (HARN) is 37.92888/-100.43249 or 71' North and 1210' West.

Hope this helps.

Mitch

From: Ireland, Leslie [KDA] <Leslie.Ireland@ks.gov>

Sent: Thursday, January 2, 2020 10:05 AM To: Meyer, Mike [KDA] < Mike. Meyer@ks.gov> Cc: French, Mitch [KDA] < Mitch. French@ks.gov> Subject: File No. 13,741 Change application

Mike,

Happy New Year!

I was given the change for the additional well for Kliewer,, Hunsberger Trust, but was wondering are there any feet distances in the file for the existing well? Looks like it was tested by Mitch in September for the rate.. and will be reduced by more than half of the authorized. Interesting the meter was replaced in July. Anyway was wondering if there are any feet distances for the authorized well in the SE SE of 30?

Leslie Ireland, Environmental Scientist Kansas Department of Agriculture Division of Water Resources - Change Unit (785) 564-6633 Leslie.Ireland@ks.gov www.agriculture.ks.gov

Leslie

71' N 1210 2600' N 1020 25292+ 1902 2536



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

January 31, 2019

Leslie Ireland Kansas Department of Ag Division of Water Resources 1320 Research Park Drive Manhattan, Kansas 66502

RE: Application for Change in Point of Diversion

Application for Change in Point of Diver

Water Right, File No. 13741

Multi-Year Flex Permits, File Nos. 20207001MF

Torque

& 20207002MF

Dear Leslie:

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 distance moved and minimum spacing to neighboring wells. The proposal also meets the criteria set forth in the additional well rule, K.A.R. 5-5-16.

Well evaluations were not completed since the quantity requested is minor and the effects would not be any more since the applicant has been operating the wells as proposed for years. The applications is in fact to correct the overpumping that has been occurring with this system. Therefore, GMD3 sees this move as reasonable and unlikely to impair neighboring wells. It is therefore recommended that the application be approved.

At the same time, applications were proposed to enroll the wells in the Multiyear Flex program. The applications and calculations followed the criteria and seem reasonable. It is therefore recommended that the MYFA applications be approved also.

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

> Comeil Draft Rec 1/31/2020

GMD3 Change Review

File No(s).: 13741, 2027001MF & 20207002MF.

DWR office: HQ.

App filed to change: Additional well & MYFA.

Is Landowner(s) correct in WRIS: Steve & Wylene Kliewer.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? __.

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3 & KAR 5-5-16

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

	ft. North	ft. West		
Authorized PD	71	1210	sect 30-24-28	
Proposed PD	2600	1020		
Difference	-2529	190		
a2 + b2 = c2	6395841	36100	2536.127	

GPS	for	proposed P	D:	Lat:	Lo	or
		1 1		-		

Is proposed PD stacking on existing WRs? __.

Is Proposed PU overlapping existing WRs? ___.

Neighboring certified well(s) notified: __.

Name Penner Partners (27504).

Address 13104 F RD.

Zip <u>Ingalls, Kansas 67853</u>.

Name Timothy L & Patricia L Dewey (12191 & 12632).

Address PO Box 269.

Zip Cimarron, Kansas 67835.

Name Midwest Feeders Inc. (10999)

Address 5013 13 RD.

Zip Ingalls, Kasas 67853.

Domestic well(s) notified: __.

Name <u>Aaron L & Audrey E Maxwell (SE of the NE)</u>.

Address <u>5405 14 RD</u>.

Zip <u>Ingalls, Kansas 67853</u>.

Base Acres: __.

Perfected Acres: __.

Irr. Return-Flow ____%

Currently authorized 261AF.

Proposed to keep 231AF at current location, move 21AF to the well authorized under 28264. That well would have total allotment of 80AF.

Rec 1/31/20 fo

GMD3 Change Review

Consumptive use would reduce the water right to 252AF.

28264 has reported some overpumping the last few years.

20207002 is the MYFA proposed on the current 13741. Application shows the proposed app allocation of 181AF, but should have been the 231 as corrected on the app. Either five year total is more than the NIR calculation would allow, which was 777.975AF/5 years.

20207001 is the MYFA proposed on the well currently covered by water right 28264 (59AF) and proposed additional well under 13741 (21AF additional) for a total of 80AF. This well was penalized for overpumping the last few year

Is a waiver needed: Move is less than half mile and spacing appears to be more than met. Consumptive use applied in the additional well rule. The move is a small amount and any proposed effects would have been the same as the last few years according to how the system was operated.

Recommendation: <u>After review of all available information, it appears the proposal</u> meets all current area rules. The change will correct the overpumping in the past and the amount needed to move is small while also taking the consumptive use hit. Staff therefore recommends approval of the change applications and the MYFAs.

1

Rec 1/31/20 D

Ireland, Leslie [KDA]

From: Jason Norquest <norquest@gmd3.org>

Sent: Friday, January 31, 2020 9:42 AM

To: Ireland, Leslie [KDA]

 Subject:
 RE: 20207001 & 20207002

 Attachments:
 2020-01-31 ReviewMat PD.pdf

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.

Good morning Leslie. Again, sorry for late response on this. Just so you know, we discussed the move and the small amount being actually moved would not have much effect on the area and like we stated, the well has already been operated that was. So there really would not be any additional effect. We are good with the applications.

Have a great weekend.

Jason Norquest

Assistant Manager, GMD3

Cell: 620-271-1289 Office: 620-275-7147

www.gmd3.org

From: Ireland, Leslie [KDA] <Leslie.Ireland@ks.gov>

Sent: Thursday, January 30, 2020 9:24 AM **To:** Jason Norquest <norquest@gmd3.org> **Cc:** Meyer, Mike [KDA] <Mike.Meyer@ks.gov>

Subject: FW: 20207001 & 20207002

Jason,

Just wanted to touch base with you about the recommendation for these and the change under File No. 13,741. Hope Mike got your question answered about the myfas.... as I'm not sure I could do any better... could give it a shot.. but feel it would just muddy the water.

Please let me know should you need more time, or I missed your recommendation reply.

Take care out there,

Leslie Ireland, Environmental Scientist Kansas Department of Agriculture Division of Water Resources - Change Unit (785) 564-6633 Leslie.Ireland@ks.gov www.agriculture.ks.gov

From: Meyer, Mike [KDA] < Mike. Meyer@ks.gov>

Sent: Tuesday, January 21, 2020 2:49 PM

To: Jason Norquest < norquest@gmd3.org >; Ireland, Leslie [KDA] < Leslie.Ireland@ks.gov >

Subject: RE: 20207001 & 20207002

Jason, the statute is pretty specific when it comes to NIR that we cant limit, even though we don't like it. But please provide a recommendation if you want the limitation to be 777... AF if you feel strong about it. I am not sure it would stick, but I don't think we can limit MFYAs that are NIR

Mike

From: Jason Norquest < norquest@gmd3.org > Sent: Monday, January 20, 2020 2:27 PM

To: Ireland, Leslie [KDA] <Leslie.Ireland@ks.gov>; Meyer, Mike [KDA] <Mike.Meyer@ks.gov>

Subject: 20207001 & 20207002

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.

Good afternoon everyone, I realize you are off today but decided to email while the thought was still fresh. Really it is a clarification since it has been awhile.

We are reviewing the additional well proposal on 13741, even thought it is a small amount being moved.

My question is on the MYFA apps. I see under the north well (28264 & proposed 13741) you used just what the well was authorized under the original water right for the annual average. Then for the max that well would be allowed is the proposed new authority. The same was done for the original well under 13741. My question comes with the NIR calculation which was the best calculation for both these wells. Since they are completely overlapped in place of use. Using it this way, the combined MYFAs would be allowing more than the NIR calculation shows, over the 777.975AF. Here is where I need a memory refreshing. Is this the was we have done it in the past? Can we allow more than the NIR calculation shows on the same acres?

Thanks for the help on refreshing an old mind. Hope you all had a good day.

Jason Norquest

Assistant Manager, GMD3

Cell: 620-271-1289 Office: 620-275-7147

www.gmd3.org

Form WWC-5 KSA 82a-1212 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number SE 1/4 30 T 24 S Gray County: Distance and direction from nearest town or city street address of well if located within city? 8 miles North. 1 mile East and approx. mile South of Ingalls, Kansas WATER WELL OWNER: Kenny Penner RR#, St. Address, Box # : Board of Agriculture, Division of Water Resources Ingalls, Kansas 67853 City, State, ZIP Code Application Number: AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1.....ft. 2.....ft. 3...... WELL'S STATIC WATER LEVEL 139 ... ft. below land surface measured on mo/day/yr 2-1-82 Pump test data: Well water was ft. after hours pumping gpm NW -NF --1 W WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 3 Feedlot 6 Oil field water supply 9 Dewatering 1 Domestic 12 Other (Specify below) SW SF -2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes...........No.. *****..; If yes, mo/day/yr sample was sub-Water Well Disinfected? Yes No TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass 4 ABSin. toft., Dia in. to . 7 PVC TYPE OF SCREEN OR PERFORATION MATERIAL: 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) 2 Brass SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 3 Mill slot 6 Wire wrapped 9 Drilled holes 1 Continuous slot 4 Key punched 7 Torch cut 2 Louvered shutter SCREEN-PERFORATED INTERVALS: From. ft. to ft., From ft. to GRAVEL PACK INTERVALS: ft. to From GROUT MATERIAL: 2 Cement grout 3 Bentonite 1 Neat cement Grout Intervals: From. . . 10 Livestock pens What is the nearest source of possible contamination: 14 Abandoned water well 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well 5 Cess pool 16 Other (specify below) 2 Sewer lines 8 Sewage lagoon 12 Fertilizer storage 13 Insecticide storage 3 Watertight sewer lines 6 Seepage pit 9 Feedyard Direction from well? North How many feet? LITHOLOGIC LOG FROM **FROM** TO LITHOLOGIC LOG 15 0 Top soil & brown clay 270 shale 15 30 Brown clay 30 45 Brown clay & white clay 45 60 White clay 60 75 Medium sand 75 90 Brown clay 90 105 Brown clay & medium sand 105 120 Brown clay 120 135 Fine to medium sand 135 150 Medium to coarse gravel Medium to cearse gravel & clay layers 150 165 165 180 Medium to coarse gravel 180 195 Brown clay 195 225 Medium sand & brown clay layers 225 Medium sand & whiterock layers 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ... Feb. 2, 1982 ... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 179 This Water Well Record was completed on (mo/day/yr) March 8, 1982 under the business name of Joe's Well Service, Inc. Cimarron, Ks. by (signature) Laux Crick INSTRUCTIONS: Use typewriter or ball point 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL

DRILLERS TEST LOG

PILS NO. 27504 DD-1

*		7 20 76
CUSTOMERS NAM	ME Clarence Penner	DAME 7-29-76
		TEST + 1 E. Log 260'
STREET ADDRES	35	
CITY & STATE	Ingalls, KS	DRILLER Rector
	QUARTER SW SECTION 29 TOWNS	
COUNTY Gray	QUARTER SW SECTION 23 TOWNS	HIPRANGE
LOCATION	Center of 1/4 & 30' SE of pivot	

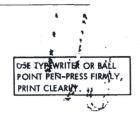
WELL LOCATION

				WELL LOCATION
%	DRILLED		FOOTAGE	Static Water Level
	From	Pay	cT	Description of Strata Proposed Well Depth.
	0		2	Top soil
	2		30	Brown sandy clay
	30		40	Brown clay and caliche
	40		60	Sand rock and caliche, hard in places
	60		85	Brown clay, caliche and sand sts.
	85		95	Sand fine med. coarse, small gravel
	95		100	Brown clay
	100		120	Sand fine med. coarse, few small gravel and brown
				sandy clay
	120		136	Brown sandy clay and sand
	136		145	Brown clay
40	145	15		Sand fine med. coarse, med. small grayel and few
				tiny white rock, loose, few small clay sts.
50	160	13	173	Sand fine med, coarse, small gravel and white rock,
				loose, used water
	173		180	Brown clay
.55	180	40	220	Sand fine med. coarse, small gravel, small white roc
				and small clay sts., loose, used water
50	220	7	227	Brown clay, sand and broken white rock, fairly loose
				used water
65	227	13	240	Sand fine med. coarse, small gravel and white rock,
			ş.	used lots of water, good
60	240	5	245	White and tan rock, sand med. coarse, loose, used
				lots of water (good)
	245		248	Brown and yellow clay
	248		260	Shale
	3	93		
		100 Marie 1 100 Marie 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TOTAL DEPTH OF WELL 250 FT.

				Face east
				Pit on south
				The second secon
				The state of the s

RDEN CITY, KANSAS ONE 276-3276 HENKLE DRILLING & SUPPLY CO., INC.
IRRIGATION HEADQUARTERS

SUBLETTE, KANGES
PHONE (75-407)



FILS NO. 2 7,504

WATER WELL RECORD KSA 82a-1201-1215

Kansas Department of Health and Environment-Division of Environment (Water well Contractors) Topeka, Kansas 66620

	County	Fraction	Center	of	Section	number	Township number	Range number	
1. Location of well:	Gray	1/4	1/4 SW		2	29	T 24 s	R 28 E	\circ
2. Distance and direc	ction from nearest town or city;			3. Owr	er of well	; (Clarence Penn	er	
	4 E. of Ingails			R.R. or	street:]	Ingalls, KS		
Street address of well	location it in city:			City, s	tate, zip o	code:			
4. Locate with "X" i	n section below:	ketch map:					6. Bore hole dia. 26 in	. Completion date $8-28$	<u>-</u> 76
N							Well depth 250ft.		-
	1					Ì	7 Cable tool _ Rotary		
NW	NE					}		Bored X Reverse roto	ry
. w ¥	<u> </u>						8. Use: Domestic Property A	ublic supply Industry ir conditioning Stock	
- "						1	Irrigation A	il field water Other	
※	SE					Ì	9. Casing: Materia Stee		7
<u> </u>	i						Threaded Welded X	1 00	n.
S							PVC Dia 16 in. to 250 ft. dep	Weight36lbs./	ft.
1 Mi					From	То	Dia: in. to ft. dep	th gage No. 250	_
5. Type and color of	material				11011	10	10. Screen: Manufacturer's		
	attachment								-
566	- Goodonnono						Type Continuou Slot/gauze 125	LSDia. 16"	-
							Set between 240-230	21 ft. and 220-190	it.
^							170-160 ft.	and	To a
							Gravel pack YES Size ro		₹
							11. Static water level: 150 ft. below land sur	mo./day/)	
							12. Pumping level below lan	26	
							225 ft. after	hrs. pumping 325 g.p.r	٠.
_							I am an a second and	hrs. pumpingg.p.r	- 1
							Estimated maximum yield	g.p.i	
					ļ		13. Water sample submitted: Yes X No	mo./day/)	".]
							14. Well head completion:		
							Pitless adapter	12 Inches above grade	_
					+		15. Well grouted? Yes		. 12
-							With: Neat cement Depth: From ft. to	Bentonite Concreted	-
							16. Nearest source of possible		$\dashv \ ert \kappa$
					-		ff Direction	lype	-
							Well disinfected upon compl	etion?Yes _X_	N 10
							17. Pump:	X Not installed	75
					-		Manufacturer's name Model number	HP Volts	_ %
							Length of drop pipe	ft. capacityg.p.r	3
*							Туре:	- 1-	
					-	-	Submersible Jet	Turbine	h
	(Use a second s	heet if needed					Centrifugal	Other	\$ 1b
18. Elevation:	19. Remarks:						20. Water well contractor's	certification:	04 L
Flat	*						This well was drilled under n		
Topography:							is true to the best of my know Henkle Drlq.	1	5 5
Hill							Business name	License N	
Slope	v.						Address Box 639	Garden City	725 L
Upland Valley							Signed Authorized re	presentative Date 9-2	4126
									7-6,
Forward the white, bli	ue and pink copies to the Department	or Health and	Environment					Form WWC-5	

1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



FILE COPY

900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

STEVE W & WYLENE KLIEWER PO BOX 103 CIMARRON KS 67835

February 27, 2020

Re: Base Right, Water Right, File Nos. 13,741 & 28,264 Multi-Year Flex Account Term Permit, File Nos. 20207001-MF & 20207002-MF

Dear Mr. & Mrs. Kliewer:

Enclosed are the orders/permits executed by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, suspending the base rights referenced above, and approving your Applications for Term Permit to Establish a Multi-Year Flex Account, for File Nos. 20207001-MF & 207002-MF. Your attention is directed to the enclosures and to the terms, conditions, limitations, and requirements specified in the Applications and each "Attachment A", which are incorporated in the enclosed orders/permits. The approval of these multi-year flex account term permits affords you the ability to divert water without annual limits, during the set period of January 1, 2020 through December 31, 2021, inclusive. However, the <u>use of water in excess of 363.592 acre-feet for File No. 20207001-MF from the well historically authorized under File No. 28,264 and 777.975 acre-feet for File No. 20207002-MF from the well under File No. 13,741 within the five-year set period listed above, shall result in the immediate revocation of the multi-year flex account term permit, and imposition of penalties as provided in K.A.R. 5-14-10.</u>

Prior to any further diversion of water, a water flowmeter which meets or exceeds specifications adopted by the Chief Engineer must be installed on each point of diversion authorized by the base rights, and otherwise in accordance with Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. A seal will be placed on each water flowmeter by the Division of Water Resources in such a manner as to render the meter non-removable from the measuring chamber without breaking the seal. If the seal is broken without the written permission of the Chief Engineer, it shall constitute a violation of the order of the Chief Engineer. If the water flowmeter is repaired or replaced during the duration of the multi-year flex account, then such flowmeter must be equipped with an anti-reverse flow mechanism.

The annual water use report must be filed with the Chief Engineer by March 1, following the end of each calendar year. If a complete annual water use report is not received by the deadline, then a fine may be assessed and all water use under such permit or right may be suspended. Reports submitted in paper form will be assessed a \$20 per file number paper filing fee. In order to avoid this filing fee, you may submit your report online at www.kswaterusereport.org.

The approval of your application constitutes a term permit to appropriate water. It does not give authority to construct any dam or other stream obstruction regulated by K.S.A. 82a-301 through 305a. It does not give authority to access any right- of-way or authorize trespassing upon or injury to public or private property. It may also be necessary for you to comply with other local, state or federal requirements.

Re: File Nos. 13,741, 28,264 20207001-MF & 20207002-MF

Additional information and applicable forms may be found on our website at <u>agriculture.ks.gov/divisions-programs/dwr</u>. If you have any questions or need assistance with any of these requirements, please contact our office at 785-564-6640 or your local Garden City Field Office at 620-276-2901. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kristen A. Baum

New Application Unit Supervisor

Division of Water Resources

KAB:LI:li Enclosure(s)

pc:

Garden City Field Office

Groundwater Management District No. 3

Terry R. Hunsberger Trust

KANSAS DEPARTMENT OF AGRICULTURE

Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCESDavid W. Barfield, Chief Engineer

APPROVAL OF APPLICATION FOR CHANGE IN POINT OF DIVERSION AND ORDER REDUCING THE AUTHORIZED QUANTITY AND DIVERSION RATE WATER RIGHT FILE NO. 13,741

The Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, after due consideration of the written application of Terry R. Hunsberger on behalf of the Terry R. Hunsberger Trust, 1401 E Hackberry Street, Garden City, Kansas 67846, received in this office on December 2, 2019, for approval of a change in the location of the point of diversion under the certificate of appropriation issued pursuant to the application for permit to appropriate water for beneficial use, as modified and amended by the Findings and Order of the Chief Engineer dated June 25, 1984, reducing the authorized quantity of water, finds that the change is reasonable and will not impair existing rights, that the change relates to the same local source of supply and that the application should be and is hereby approved.

This order effectively reduces the authorized quantity to 252 acre-feet (82.11 million gallons) of water per calendar year and the authorized diversion rate to not exceed of 227 gallons per minute (0.51 c.f.s.) in accordance with the Application for Approval to Change the Point of Diversion received in this office on December 2, 2019.

The application, therefore, is approved subject to the condition that for the sole purpose of administering wells concerning direct impairment, the additional well shall be considered to have the priority of the date the application was filed (December 2, 2019) to add the additional well.

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the authorized location of the points of diversion shall be:

one (1) well located in the Southwest Quarter of the Southeast Quarter of the Southeast Quarter (SW¼ SE¼ SE¼) Section 30, more particularly described as being near a point 71 feet North and 1,210 feet West of the Southeast corner of said section, at a quantity not to exceed 231 acrefeet per calendar year and at a diversion rate not in excess of 214 gallons per minute (0.47c.f.s.), and

one (1) well located in the Northwest Quarter of the Northeast Quarter of the Southeast Quarter (NW¼ NE¾ SE¾) Section 30, more particularly described as being near a point 2,600 feet North and 1,020 feet West of the Southeast corner of said section, at a quantity not to exceed 21 acrefeet per calendar year and at a diversion rate not in excess of 13 gallons per minute (0.03 c.f.s.),

both in Township 24 South, Range 28 West, Gray County, Kansas.

located substantially as shown on the topographic map accompanying the application to change the point of diversion.

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Installation of the works for diversion of water shall be completed on or before December 31, 2020, or within any authorized extension of time. The applicant shall notify the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, when construction of the works for diversion has been completed.

The water right owner shall properly install an acceptable water meter on the diversion works authorized under this water right, prior to the use of water, in strict accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. The water right owner shall notify the Chief Engineer when installation of the water meter has been completed. The water right owner shall maintain the water meter in an operating condition satisfactory to the Chief Engineer, at all times during diversion of water and shall maintain records from which the total quantity of water diverted may be determined. The water right owner shall also report the reading of said water meter and the total quantity of water diverted annually to the Chief Engineer. Such records shall be furnished to the Chief Engineer by March 1 following the end of each calendar year.

A seal shall be placed on each water flowmeter by the Division of Water Resources in such a manner as to render the meter non-removable from the measuring chamber without breaking the seal. If the seal is broken without the written permission of the chief engineer, this shall create a rebuttable presumption that the point of diversion had been unlawfully operated in violation of the order of the chief engineer and that the water right holder had been acting in violation of the conditions of his or her water right.

The Chief Engineer specifically retains jurisdiction in this matter with authority to review the approval of the additional well at intervals of no fewer than five years, and no more than ten years to determine if the total annual quantity of water actually being withdrawn by all wells authorized by the approval of application for change is exceeding the total annual quantity of water that could have been physically withdrawn if the additional well had not been approved, and based on the review, the Chief Engineer retains ,authority to make a reasonable reduction in the authorized quantity of water as may be deemed to be in the public interest.

In all other respects, the Certificate of Appropriation issued pursuant to Approval of Application, File No. 13,741, for permit to appropriate water for beneficial use, is as stated and set forth in the Certificate of Appropriation dated October 31, 1973, as modified and amended by the aforementioned order.

Ordered this 25th day of February, 2020, in Manhattan, Riley County, Kansas.

Lane P. Letourneau, P.G.
Program Manager
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 25 day of February, 2020, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



AttuUndeuson

Notary Public

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 18 days after this Order was mailed to you), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 33 days after this Order was mailed to you), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

CERTIFICATE OF SERVICE

On this 27th day of Florway, 2020, I hereby certify that the attached Approval of Application for Change in Point of Diversion, Water Right, File No. 13,741, dated Florway 25,2020 was mailed postage prepaid, first class, US mail to the following:

STEVE W. & WYLENE KLIEWER PO BOX 103 CIMARRON KS 67835

With a Photocopy to:

TERRY R. HUNSBERGER TRUST 1401 E HACKBERRY ST GARDEN CITY KS 67846

Garden City Field Office
Groundwater Management District No. 3

Division of Water Resources