Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number: 33901	2. Status Change Date: //- \lambda \gamma -/8	3. Change Num:	4. Field Office:	5. GMD:					
6. Status: Approved Den	ed by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change: 10/10/18					
8a. Applicant/Landowner(s) New to system □	Person ID 648 Add Seq# 1	8c. Landowne	7 . 5	Person ID 62470 Add Seq# 1					
GCH INC 9460 SOUTH ROAD 15 GARDEN CITY KS 67840	5	DONAL 210 N I	ER FAMILY LIVIN .D R & ROSE M H MARTIN .IN KS 67749-190	HARRIER					
8b. Landowner(s) New to system HEIMAN FAMILY FARMS 9460 S COUNTY ROAD 1 GARDEN CITY KS 67846	5	THOMA 4280 E		Person ID 51982 Add Seq#					
9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: 12/31/28/9 N & P Date to Comply: 12/31/28 20 Anti-Reverse Meter Meter Seal Check Valve N & P Form Water Tube Date to Comply: H & E Letter Conservation Plan Date Required: Date Approved: Date to Comply: Date t									
10. Use Made of Water From:		To: _							
			Date Prepared: 10/15/ Date Entered:	18 ву: МАМ Ву:					

File No. 33901		11. Cour	nty: FI		Basi	in: AR	K RIV	/ER				St	ream:				. ' _				rmation Code: 1/331		Special Use:
12. Points of Dive	rsion															Rate a	and Qu	antity					
CHK MOD																A	uthoriz	zed		Ac	dditional		
DEL PDIV ENT	Qualifier	S	Т	F		ID	'1	N	'W		Com	ment	(AKA L	_ine)		Rate gpm		Quantit af	:y	Rate gpm		Overla	p PD Files
ENT	SWSWNW	36	6 2	6	32 W	1	2	674'	49	37'			T _D			1125	5	511	1 -	112	5 511	NON	E
DEL 8168	CE NW	36	20	6	32W		3	950'	270	00'						1125		511	L.	1125	511	NON	E
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13. Storage: Rate			_ NF		Quant	ity					ac/ft	Ad	ddition	al Rat	e	- '			NF	Addi	tional Quantity _		ac/ft
14. Limitation:		af/	yr at _				9	gpm (_				cfs) wh	nen co	mbine	d with	file nu	umber(s)			3		
Limitation:		af/	yr at _					gpm (_				cfs) wh	nen co	mbine	d with	file nu	umber(s)					-
15. 5YR Allocation	: Allocation	Туре		Start	Year		_	5 YR	Amou	nt		Amo	ount Ur	nit	_	Base	Acres	-	_ C	omment _	,		
16. Place of Use CHK					NE:	1/4			NV	V¹/4			sv	V¹/₄			s	E1⁄4		Total	Owner Chg	? Ov	erlap Files
MOD DEL ENT PUSE	STR	ID		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	NE 1⁄4	NW 1/4	SW 1/4	SE 1/4				4 12 4 1 2 2 3 4 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ENT NEW		26 32W	,														2.32			2.32	8d y	es	33902
MOD 2372	4 36	26 32	w									40	40	40	40	40	37.68	40	40	317.68	8b	yes	33902
CHK 2243	1 36 2	6 32 V	v .	40	40	40	40			1										160	8c	no	33902
CHK 648	36	26 32V	N					40	40	40	40									160	8a	no	33902
																			-	-1			-
										-4	# F-									- 51	-		
Base Acres: NA	Year:	Mi	nimum	Reas	sonabl	le Qua	antity:																
Comments:																							

DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES GARDEN CITY FIELD OFFICE 2508 JOHNS STREET GARDEN CITY, KS 67846-2804

STATE OF KANSAS

Phone: (620) 276-2901 FAX: (620) 276-9315 www.agriculture.ks.gov



GOVERNOR JEFF COLYER, M.D. JACKIE McClaskey, Secretary of Agriculture

November 27, 2018

WILLIAM AND JANELL HEIMAN 2121 BUFFALO HEIGHTS DR GARDEN CITY KS 67846-3512

RE:

Approval of Application to Change the Point of Diversion

Water Right, File No. 33901

Dear Sir:

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

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that 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 this order modifies the original documents referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate. Please also submit a copy of the current ownership deed to have our records changed.

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 to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM: enclosures

pc:

(see back page)

HARRIER FAMILY LIVING TRUST DONALD R & ROSE M HARRIER 210 N MARTIN OBERLIN KS 67749-1904

GCH INC 9460 SOUTH ROAD 15 GARDEN CITY KS 67846

LEAR FARMS INC 4280 E LEAR RD GARDEN CITY KS 67846-8937

HEIMAN FAMILY FARMS
9460 S RD 15
GARDEN CITY KS 67846-8937

GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 27th day of November, 2018, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 33,901, dated 27th day of November, 2018 was mailed postage prepaid, first class, US mail to the following:

WILLIAM AND JANELL HEIMAN 2121 BUFFALO HEIGHTS DR GARDEN CITY KS 67846-3512

With photocopies to:

HARRIER FAMILY LIVING TRUST DONALD R & ROSE M HARRIER 210 N MARTIN OBERLIN KS 67749-1904

GCH INC 9460 SOUTH ROAD 15 GARDEN CITY KS 67846

LEAR FARMS INC 4280 E LEAR RD GARDEN CITY KS 67846-8937

HEIMAN FAMILY FARMS 9460 S RD 15 GARDEN CITY KS 67846-8937

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

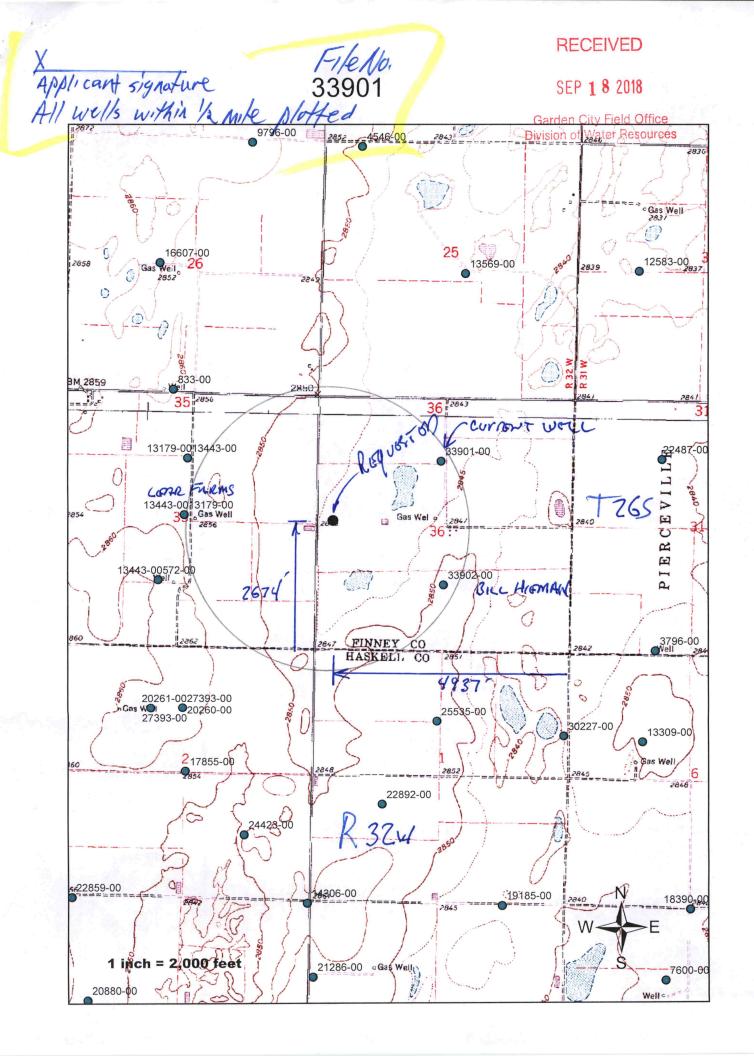


STATE OF KANSAS

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.

File No. 33901 SEP 1 8 20 1. Application is hereby made for approval of the Chief Engineer to change the (check one or both): □ Place of Use □ 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: GCH INC 9460 SOUTH ROAD 15 GARDEN CITY KS 67846 Phone Number: □ Surface water 2. Name and address of Water Use Correspondent: WILLIAM AND JANELL HEIMAN 2121 BUFFALO HEIGHTS DR GARDEN CITY KS 67846-3512 Phone Number: (620)277-5998 □ Email address: □ Owner of Land NAME: GCH INC, HARRIER FAMILY LIVING TRUST, JOAN WAGNER ADDRESS: □ CHINC, HARRIER FAMILY LIVING TRUST, JOAN WAGNER ADDRESS: □ Sec. Twp. Range NE¼ NW¼ SW¼ SE½ NE½ NW¼ SW¼ SE½ NE½ NW¼ SW¼ SE½ NE½ NW¼ SW¼ SE½ NE¼ NW¼ SW¼ SE½ (If there is more than one landowner, attach supplemental sheets as necessary.)	Annual Control	lace o	f use.														ECEIV B:30	
□ 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: GCH INC 9460 SOUTH ROAD 15 GARDEN CITY KS 67846 Phone Number: □ Semail address: Name and address of Water Use Correspondent: WILLIAM AND JANELL HEIMAN 2121 BUFFALO HEIGHTS DR GARDEN CITY KS 67846-3512 Phone Number: (620)277-5998 Email address: 3. The presently authorized place of use is: Owner of Land NAME: GCH INC, HARRIER FAMILY LIVING TRUST, JOAN WAGNER ADDRESS: 1 J J J Sec. Twp. Range NE½ NW½ SE½ 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 to acres irrigated ADDRESS: (If there is more than one landowner, attach supplemental sheets as necessary.)						File No	o. <u>3390</u>)1				1						
under the water right which is the subject of this application in accordance with the conditions described below. The source of supply is:	Application is he	ereby r	nade f	or app				ingine					ne or b	ooth):	G	arden ision o	City Fi	eld Office Resource
The source of supply is:	An Hill	4			els.	la a												
9460 SOUTH ROAD 15 GARDEN CITY KS 67846 Phone Number: ()				s the s	2 (1)		LONG TO						ndition					
Phone Number: (Email address:						Man Paris	7946						1					n sair.
Name and address of Water Use Correspondent: WILLIAM AND JANELL HEIMAN 2121 BUFFALO HEIGHTS DR GARDEN CITY KS 67846-3512 Phone Number: (620)277-5998		THE RESERVE OF THE PERSON OF T	4.10				7040	Email	addre	cc.	-	-10-		7				
2121 BUFFALO HEIGHTS DR GARDEN CITY KS 67846-3512 Phone Number: (620)277-5998							ht· \Λ/II											
Phone Number: (620)277-5998										MINEL			-	-				
3. The presently authorized place of use is: Owner of Land NAME: GCH INC, HARRIER FAMILY LIVING TRUST, JOAN WAGNER ADDRESS: 1 2 3 (If there is more than one landowner, attach supplemental sheets as necessary.) NE½ NW¼ SW¼ SE½ 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 to acres irrigated ADDRESS: (If there is more than one landowner, attach supplemental sheets as necessary.)					AINDL	N OII				cc.								
Owner of Land NAME: GCH INC, HARRIER FAMILY LIVING TRUST, JOAN WAGNER ADDRESS: 1 (If there is more than one landowner, attach supplemental sheets as necessary.) NE¼ NW¼ SW¼ SE¼ NE⅓ NW⅓ SW¼ SE¼ NE⅓ NW⅓ SW⅓ SE⅓ NE⅓ NW⅓ SW⅓ SE⅓ NE⅙ NW⅓ SW⅓ SE⅓ NE⅙ NW⅓ SW⅓ SE⅓ NE⅙ NW⅓ SW⅓ SE⅓ NE⅙ NW⅙ SW⅙ SE⅙ NW⅙ SE⅙ NW⅙ SE⅙ NDRESS: (If there is more than one landowner, attach supplemental sheets as necessary.)					ico ic.			Liliali	addie							1.1913	44	1 95 / 1
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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 to acres irrigated ADDRESS: (If there is more than one landowner, attach supplemental sheets as necessary.)			T .	181				T						17 1/8 T		11.5 6.10		TOTAL
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	Owner of Land	NA ADDRI	AME: ESS:	no cha	ange to	acres	irriga	ted			ace of	use be	e chan	ged to				
		W 34.	NI	E1/4			N	V1/4			SV	V1/4		77	S	E1/4	n a	TOTAL
	Sec Twn Range	NE1/4	15		SE1/4	NE1/4	T		SE1/4	NE1/4			SE1/4	NE1/4			SE1/4	ACRES
	Gee. Twp. Trange		769							e Maria							100-97-9	A CONTRACTOR
	occ. Twp. Range	2.0						Marie L						-				
	occ. Twp. Kange		-		11000													

	Presently authorized point of diversion:				A Comment
1	One in the Quarter of the	се	Quarter of the _	nw	Quarte
	of Section 36 , Township	26	South, Range _	32	V
	in <u>Finney</u> County, Kansas, <u>3950</u> fe Authorized Rate Authorized Quantity	et North	2700 feet West	of Southeast corner	of section
	Authorized Rate Authorized Quantity		Depth of well	(feet)
	(DWR use only: Computer ID No. 1 GPS _				
	☐This point will not be changed ☐This point will be changed as				
	Proposed point of diversion: (Complete only if change is				
	One in the sw Quarter of the	SW	Quarter of the _	nw	Quart
	of Section, Township	26	South, Range _	32	\
	in <u>Finney</u> County, Kansas, <u>2674</u> fe	et North	4937 feet West	of Southeast corner	of section
	Proposed Rate Proposed Quantity		Proposed well dep	oth (feet)	-Howe
	This point is: Additional Well Geo Center List other	r water rig	ghts that will use this po	RECEIVED	
Ī	Presently authorized point of diversion:				
	One in the Quarter of the		Quarter of the	SEP 1 8 2018	Quar
	of Section Township		South Range		(F//
	of Section, Township in County, Kansas, fe	et North	feet West	arden City Field Off	of section
	Authorized Rate Authorized Quantity	et North	Donth of well	ision of Water Resou	rces
	(DWR use only: Computer ID No GPS _		Depth of Well	foot Was) >+\
	☐ This point will not be changed ☐ This point will be changed as				
	Proposed point of diversion: (Complete only if change is				
	One in the Quarter of the				
	of Section, Township		South, Range _	10 11 1	(E/V
	in County, Kansas, fe				
	Proposed Rate Proposed Quantity				
	This point is: Additional Well Geo Center List other	r water rig	ints that will use this po	oint	
	The changes herein are desired for the following reasons? (please be specific)to replace old well.	30		orth 0 100 200 ±11111111111111111111111111111111111	300 TTTT
				<u> </u>	4
	If a well, is the test hole log attached? 🛛 Yes 🔲 No	200	1+1+1-	= ++++	200
	The change(s) (was)(will be) completed by?			Ξ	3
		100		1+1+	100
	September 1, 2018	100			1 = 100
	If the point of diversion is a well:				
	(a) What are you going to do with the old well?	West 0		x mlmhmlmdm/m	0 Eas
	plug				3
	(b) When will this be done? 2018	100	-1+1+1-		100
					=
	Groundwater Management District recommendation attached? ☐ Yes ☐ No	200	- + + + + -		200
	Assisted by tpm		51	0 100 200	ДШ <u>.</u> ООЕ
	If the proposed point of diversion will be relocated <u>more than 300 feet but within 2,640 feet</u> 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.lfth of t diag	So	sion will be relocated ersion, indicate its lor relation to the eximate. The "X" in central relation to the context of the "X" in central relation to the context of the "X" in central relation to the context of the "X" in central relation to the context of the "X" in central relation to the context of the	within 300 ocation on sting poin er of diag



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



Hydro MUCA

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

BILLHEIMAN 620-277-5998 CHRISHEIMAN 620-277-6288

		GCH,		Heiman WU#: 1/334 Date: 8-10-18
Street A		94	760 S.	. 15 RoAn Test #: 6 E LOG:
City, Sta		CAR	DENCI	174 KS 67846 Driller: Dale Guinn
County:	Finney	Quarter	· NW	Section: 36 Township: 26 Range: 32
_ocation				GPS: N37,74387 W100.77809
Rig#:	1000:	2	-4-4-6	Elevation: 2843' Static WL: 248' Estimated?
				Proposed Well Depth (635
				WELLLOCATION 2015 TOTALED
		Footage		
%	From	Pay	To	Description of Strata AUG 1 5 2018
	0		2	100 30:1
	2		13	Brown Sandy Clay w/ Some Caliche Mixed Garden City Field Office
	13		20	Brown Clay Division of Water Resource
	20		1.02	Sand fine to med course small med large gravel
	102		115	Brown Clay-Sticky-
	115	THE FLER	152	Blue Clay - Sticky - RECEIVE
	152	6 - A	159	Fine Blue Soud w/few Blue clay stringers
	159		186	Sand fine to med for course -13 lue in Color-
	186		211	Blue Clay w/ some comented Sand Strips SEP 1821
	211		229	Garden City Field
	229		235	Division of Water H
	235	100	249	Drawn Sandy Class Wlmany Sand Str. PS
20	249	11	260	Sand fine to mad course w/many clay ledges
30	260	50	310	
	310		314	Brown Sandy Clay
20	314	12	326	Sand fire to med
	326		340	Brown Clay
10	340	11	351	Fine Sand w Isome clay stringers
25	351	12	363	Sand fine to med course
5	363	11	374	Fine Sand w/ many clay stringers
20	374	16	390	Fire Sand
10	390	17	407	Fine Sandw/Some clay Stoingers
5	407	7	414	Fine Sandw Imany clay Stringers
20	414	21	435	Fine Sand w/ couple clay ladses
15	435	25	460	Sandstone -used water -
5	460	19	479	Sandstone w / Some Soupstone ledges
15	479	21	500	Sandstone -used water -
5	500	20	520	Sandstone + Sockstone
15	520	59	579	Sandstone - used water -
5	579	36	415	Sandstone w/some sompstone ledges
	615		660	Black Shale - Very Hard in places -

Super Gel X

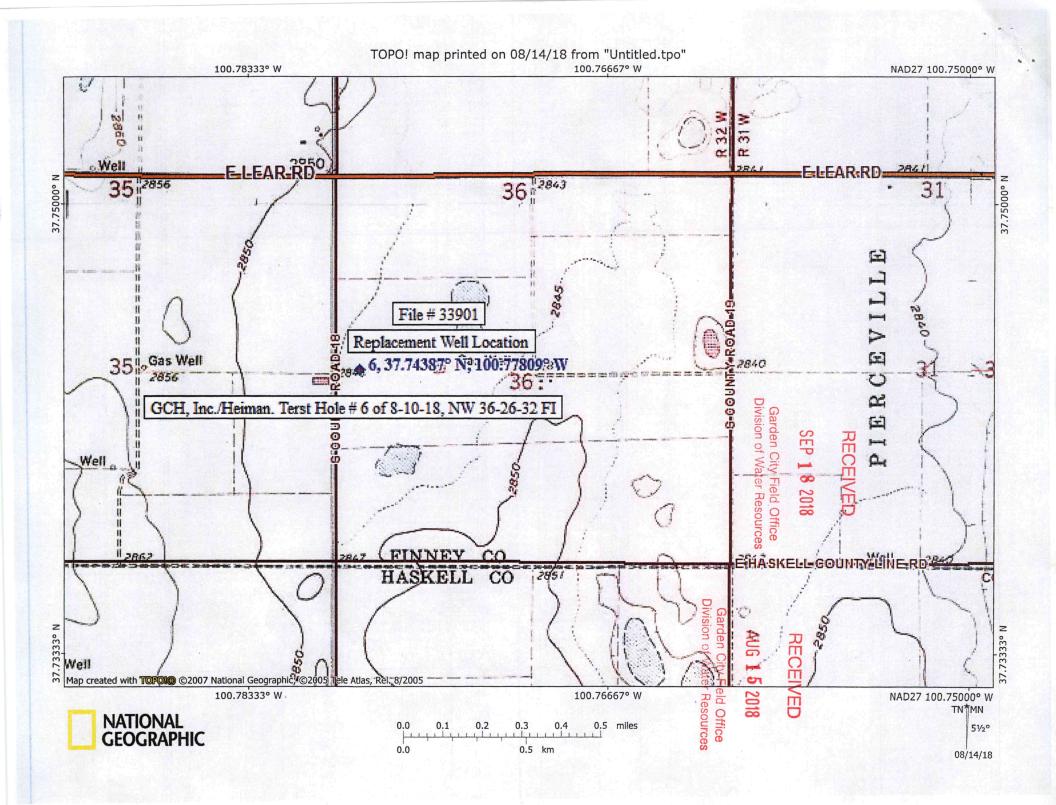
-5

-8

Grout

Bent. Plug 3/4

Perma Plug 43/4 Drag Blade



14. If the	e proposed ground	vater point of diver	sion is 300 or fewer feet fro	m the exis	ting point of	of diversion, complete the	following:
(a)	Does the undersign ☐ Yes ☐ No		wners of the currently authorwners must sign this applic		e(s) of use	identified in this applicati	on?
(b)	Will the ownership affected if this appl ☐ Yes ☐ No.	ication is approved	rner of the currently author l as requested? owners must sign this appli		(s) of use		
	If this application is ☐ Yes ☐ No	not approved expo	editiously, will there be sub- wners must sign this applic	stantial dar ation.)	mage to pr	SEP 1 8 201 operty, public health or sa Garden City Field (afety?
or a char	olication proposes a nge in place of use, ttach notarized state	the application mu	ange in point of diversion, a list be signed by all owners representation).	groundwa of the curr	ter change ently autho	in point of diversion great prized place of use, or the	iter than 300 feet ir duly authorized
age and their be	the owner, the chalf, in regards	spouse of the o to the water rig	upon my oath or affirma wner, or a duly authori ht(s) to which this app orrect and complete.	zed agen	t of the o	wner(s) to make this	application or
Dated at		Oberlin	, Kansas, this _	6th	_ day of	September	, 20_18
X &	Pores S. A	arrier				,	
		(Owner)				(Spouse)	
***************************************		AMILY LIVING TRU lease Print)	JST			(Please Print)	
-		(Owner)		<u> </u>	-	(Spouse)	
	<u> </u>	de a Diet				(Discos Driet)	
	(P	lease Print)				(Please Print)	
		(Owner)		11 7	X	(Spouse)	
	(P	lease Print)				(Please Print)	
State of h	Kansas)		enit i			
County o	f Decatu	·r s	S				
I here	by certify that the	e foregoing appl	ication was signed in n	ny presen	ce and s	sworn to before me th	nis 6th day
			A NOTARY PUBLIC - State	of Kansas	Li	de mula	de
My Comr	mission Expires	5.4.2021	My Appt. Exp. S	1.2021	Our	Notary Public	
accurate in		ecessary, must be in-	ESSED. To be complete, all cluded; signatures of all the ap				
			FEE SCHEDU	LE			
forth in th	ne schedule below:	Make checks paya	the point of diversion under able to: Kansas Departme version 300 feet or less	nt of Agri	culture		
(2	2) Application to cl	nange a point of div	version more than 300 feet use				\$200

14. If th	he 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 current ☐ Yes ☐ No (If no, all owners must sign this	
	affected if this application is approved as requested?	authorized place(s) of use identified in this application be adversely is application.)
	If this application is not approved expeditiously, will there Yes No (If no, all owners must sign this	s application.) Garden City Field Office
or a cha	oplication proposes a surface water change in point of diver ange in place of use, the application must be signed by all c attach notarized statement authorizing representation).	rsion, a groundwater change in point of diversion greater from 300 feet owners of the currently authorized place of use, or their duly authorized
age an	nd the owner, the spouse of the owner, or a duly a behalf, in regards to the water right(s) to which the ned in this application are true, correct and comp	affirmation and under penalty of perjury, that I am of lawfu uthorized agent of the owner(s) to make this application or is application pertains. I further verify that the statements lete.
Dated a	at Cander Citiz , Kansa	s, this 17 day of September 2018.
	6.1.01	s, this 17 day of <u>September</u> , 2018. AN FAMILY FARMS
X -	Due German ton Heim	AN tamily TARMS
	(Owner)	(Spouse)
,	JOAN WAGNER DIECEMED	
Hei	man Family tarms	(Please Print)
7	(Owner)	(Spouse)
	(Please Print)	(Please Print)
-	(Owner)	(Spouse)
1	(Please Print)	(Please Print)
County	of Pirmey My App	TAMMY KELLS otary Public - State of Kansas t. Expires 5-28-202
of	relay certify that the foregoing application was signed expression.	d in my presence and sworn to before me this 17 day
		Janny Kells Notary Public
My Com	nmission Expires <u>5-28-2621</u> .	Notary Public
accurate		ete, all of the applicable portions of the application form must be completed with all the appropriate owners' must be affixed to the application and notarized; and
	FFF SC	CHEDULE
forth in	oplication to change the place of use or the point of diversion the schedule below: Make checks payable to: Kansas De (1) Application to change a point of diversion 300 feet or le (2) Application to change a point of diversion more than 300 feet or le (2) Application to change a point of diversion more than 300 feet or le (2) Application to change a point of diversion more than 300 feet or le (2) Application to change a point of diversion more than 300 feet or le (2) Application to change a point of diversion more than 300 feet or le (2) Application to change a point of diversion more than 300 feet or le (3) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion to change a point of diversion more than 300 feet or le (4) Application to change a point of diversion to change a point	n under this section shall be accompanied by the application fee set

Add Honal signature sheet

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

(a) Does the undersigned represent all owners of the currently auth ☐ Yes ☐ No (If no, all owners must sign this appli		
 (b) Will the ownership interest of any owner of the currently authoral affected if this application is approved as requested? ☐ Yes ☐ No (If yes, all owners must sign this approved as requested) 		у
(c) If this application is not approved expeditiously, will there be sul ☐ Yes ☐ No (If no, all owners must sign this appli		
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 affirm age and the owner, the spouse of the owner, or a duly author their behalf, in regards to the water right(s) to which this ap contained in this application are true, correct and complete.	rized agent of the owner(s) to make this application opplication pertains. I further verify that the statemen	on ts
Dated at, Kansas, this	3 27 day of <u>November</u> , 20 18	
X La Flores Inc.		
(Owner)	(Spouse)	-
Thomas J. Lear Pres.	(Please Print)	-
(Owner)	(Spouse)	-
(Please Print)	(Please Print)	-
(Owner)	(Spouse)	
(Please Print)	(Please Print)	-
State of Kansas		
County of Strong	27	,
I hereby certify that the foregoing application was signed in movember, 20_18	ny presence and sworn to before me this day o	·Τ
JULIE JONES		
My Commission Expires My Appointment Expires December 15, 2018	Notary Public	
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all accurate information; maps, if necessary, must be included; signatures of all the athe appropriate fee must be paid.	Il of the applicable portions of the application form must be completed vappropriate owners' must be affixed to the application and notarized; ar	vith nd
FEE SCHED!	ULE	
Each application to change the place of use or the point of diversion undo forth in the schedule below: Make checks payable to: Kansas Departm (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	der this section shall be accompanied by the application fee set nent of Agriculture	

14. If the proposed groundwater point of diversion is 3	300 or fewer feet from the existing point of diversion, complete the following:
	f the currently authorized place(s) of use identified in this application? RECEIVED
affected if this application is approved as requ	he currently authorized place(s) of use identified in this application be adversely
(c) If this application is not approved expeditiousl	ly, will there be substantial damage to property, public health or safety? nust sign this application.) Division of Water Resources
	point of diversion, a groundwater change in point of diversion greater than 300 feet, gned by all owners of the currently authorized place of use, or their duly authorized ntation).
age and the owner, the spouse of the owner, of their behalf, in regards to the water right(s) to contained in this application are true, correct	
Dated at Garden City X Ihelma C. Wener	, Kansas, this 17 day of September, 2018.
Skelme (Owner)	(Spouse)
	(Spouse)
GCH INC (Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas County of Finney SS	TAMMY KELLS Notary Public - State of Kansas My Appt. Expires 5-28-2021
I hereby certify that the foregoing application of sptember, 2018.	was signed in my presence and sworn to before me this 17 day
	Canner Keeps
My Commission Expires <u>5-28-2021</u> .	Notary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED.	To be complete, all of the applicable portions of the application form must be completed with
accurate information; maps, if necessary, must be included; s the appropriate fee must be paid.	ignatures of all the appropriate owners' must be affixed to the application and notarized; and
	FEE SCHEDULE
forth in the schedule below: Make checks payable to: (1) Application to change a point of diversion 3	t of diversion under this section shall be accompanied by the application fee set Kansas Department of Agriculture 300 feet or less
(3) Application to change the place of use	\$200 ### 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Page 3

File No. ___

DWR 1-121 (Revised 04/5/2018)

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro	ovisions of the Kansas Water Appropriation Law, K.S.A. 82a-7	Bb, 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 <u>5entember</u> , diversion authorized under the above-referenced file number	18,20/8 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	norized 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. Applicable	s and shall be limited to the same source or sources of water as this summary order shall be located within a 300 foot Dot Applicable
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 be authorized point(s) of diversion. ☐ Applicable ☐ No	e located more than <u>2640</u> feet from the previously t Applicable
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a we or other device suitable for making water level measuremen K.A.R. 5-6-13. Applicable \(\square\) Not Applicable	ell with a diversion rate of 100 gallons per minute or more, a tube its shall be installed, operated and maintained in accordance with
7.	December 31, 2019, or before the first use of water, whiche and maintained in accordance with K.A.R. 5-1-4 through 5-	perly install an acceptable water flow meter on or before ver occurs first. The water flow meter shall be installed, operated -1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. ling of the water flow meter and the total quantity of water diverted d of each calendar year.
8.	Installation of the works for diversion of water shall be authorized extension of time. By March 1, 201€ the application for diversion has been completed, on the form provided by Applicable ☐ Not Applicable	ecompleted on or before December 31, 2014, or within any ant shall notify the Chief Engineer that construction of the works the Chief Engineer, as required by K.A.R. 5-8-4e.
9.	The completed well log shall be submitted with the requir	red notice. Applicable
10.	with an in-line, automatic, quick-closing check valve capab	preign substance will be injected into the water shall be equipped le of preventing pollution of the source of the water supply. The naccordance with K.A.R. 5-3-5c. Applicable \(\square\$\text{Not Applicable} \)
11.	. Additional Conditions are attached. Yes No	
12.	water appropriated under the above-referenced file number limitations, as amended and/or supplemented by this Sumi Appropriation 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 authorized by law.
	Administrative Appeal and Effective Date of Order	FOR OFFICE USE ONLY
If w	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901,	APPLICATION APPROVED AND
you	u may request an evidentiary hearing before the Chief	SUMMARY ORDER ISSUED
Eng	gineer or request administrative review by the Secretary of riculture. A request for hearing by the Chief Engineer must be	By: Mahael A. May
file	d within 15 days of service of this Order and a request for	Duly Authorized Designee of the Chief Engineer
day	ministrative review by the Secretary must be filed within 30 ys pursuant to K.S.A. 77-531. Any request for administrative	(Print Name): MICHAET A. MEYEL
revi	view must state a basis for review pursuant to K.S.A. 77-527. e any request with Kansas Department of Agriculture,	Division of Water Resources - Kansas Department of Agriculture
Leg	gal Division, 1320 Research Park Drive, Manhattan, KS	Date of Issuance: November 27, 20/8
665 pre	502. Failure to timely request a hearing or review may eclude review under the Kansas Judicial Review Act.	State of Kansas)
-	For Use by Register of Deeds	County of Jinney)
		Acknowledged before me on November 27,2018
		by Michael A. Merger
	***************************************	Signature: 04.8 a small
	JULIE JONES	Signature: Notary Public
	My Appointment Expires	JULIE JONES
	December 15, 2018	My commission expires: My Appointment Expires Not per Not p

Meyer, Mike [KDA]

From:

Engelhaupt, David [KDA]

Sent:

Friday, October 26, 2018 9:01 AM

To:

Meyer, Mike [KDA]

Subject:

RE: theis request

Attachments:

Theis_33901.docx

Mike,

Theis is attached. I did the analysis independent of the GMD No. 3 analysis. As such, my assumed aquifer properties and distances are different. My assumptions are more conservative than the GMD assumptions, particularly the assumed transmissivity which is significantly different (present vs. 50-year projected). I also ran under their assumptions to verify it could be duplicated, which it could.

In this case their Allowable Economic Drawdown (AED) is more restrictive than the 20% of future ST that we use as a guide. The New Mexico approach defines the AED as 40% of current saturated thickness after 25 years. This is the total drawdown including drawdown from other nearby wells and the dynamic drawdown of the target well itself. GMD No. 3 used a 50-year Theis for the drawdown due to additional pumping. They used the modeled depletion in ST over the next 25 years for the drawdown due to existing pumping.

David Engelhaupt, E.I.
Engineering Associate
Kansas Department of Agriculture
Division of Water Resources
(785) 564-6680

From: Meyer, Mike [KDA]

Sent: Monday, October 22, 2018 1:57 PM

To: Engelhaupt, David [KDA] < David. Engelhaupt@ks.gov>

Subject: theis request

David, can you run thies on two wells that is flagged in the GMD study (email attached) and compare.

The chief wanted us to run our theis and compare to the GMD approach

Let me know if you have questions.

The two water rights they compared against on the proposed location are:

Domestic well in 26-26-32W (SE corner of the section (see GMD map))

And file no. 20260, 20261, 27393

thanks

Mike

D. Engelhaupt

10/25/2018

RE: Theis analysis of File No. 33,901 change application

An analysis performed by GMD No. 3 to evaluate the impacts of a change in point of diversion for File No. 33,901 identified two critical wells. The critical wells are the point of diversion authorized by File No. 20,260 and a domestic well located in 26-26S-32W. The GMD No. 3 groundwater model was used to determine the 2066 projected transmissivity (17,836 gpd/ft). A storage coefficient of 0.001 was assumed (saturated thickness \times 10⁻⁵). The proposed rate and quantity were analyzed for the proposed scenario. The historic average use (2003-2012) and last reported rate were used for the original scenario.

Table 1: Theis analysis at File No. 20,260 well. T = 17,836 gpd/ft; S = 0.001; ST = 126.7 ft

	Distance	Rate	Volume	Drawdown	Drawdown
Scenario	(Feet)	(GPM)	(Acre-Feet)	(Acre-Feet)	(% of ST)
Proposed	4,800	1,125	511.0	31.81	25.11 %
Original	7,200	600	233.9	12.77	10.08 %
Net drawdown		3		19.04	15.03 %
Net drawdown by GI	MD No. 3 analysis			4.40	3.47 %

Table 2: Theis analysis at domestic well. T = 17,836 gpd/ft; S = 0.001; ST = 136.2 ft

	Distance	Rate	Volume	Drawdown	Drawdown		
Scenario	(Feet)	(GPM)	(Acre-Feet)	(Acre-Feet)	(% of ST)		
Proposed	3,000	1,125	511.0	38.49	28.26 %		
Original	3,300	600	233.9	18.58	13.64 %		
Net drawdown	16.			19.91	14.62 %		
Bet drawdown by GN	Bet drawdown by GMD No. 3 analysis						



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

October 22, 2018

Michael A. Meyers Division of Water Resources 2508 N Johns Street Garden City, Kansas 67846

RE:

Application for Change in Point of Diversion

Water Right, File No. 33901

Dear Mike:

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 spacing to neighboring wells.

As you are aware, we are working to revise the Management Program for Southwest Kansas Groundwater Management District No. 3 (GMD3). In order to enhance the application review process under K.S.A. 82a-708b, we conducted well evaluations for projected supply from all neighboring wells within a mile of the proposed new well. One certified irrigation well (20260, 20261 & 27393) and one domestic well (26-T26s-R32w) showed potential to exceed maximum drawdown allowance if the proposed well is pumped at maximum rate and quantity. Such wells are considered critical wells. A critical well is a strong candidate for possible impairment of member water rights. We have attached our review information for reference.

Review of the logs for each neighboring well appear to show that the critical wells may not be considered new wells and may not be drilled to the bottom of the local aquifer source of supply. It is also unclear if drilling deeper would provide additional supply. Further calculations determined that a reasonable reduction in proposed pumping rate to 990gpm or less by the proposed well would lower the drawdown effect to less than the four foot threshold for accepted de minimis effect, based on current conditions.

We had a phone conversation with the applicant representative, Bill Heiman, to discuss this proposed redrill. He stated the estimated yield of the proposed well was 1000gpm or less, and that their normal operating practice is to pump around 700gpm. This rate is less than the determined rate that would mitigate concerns on the two neighboring critical wells. After review of the analysis and discussion with the applicant, it is therefore recommended that the application be approved, subject to a limitation that the proposed well's rate not exceed 950gpm at the proposed location. If you wish to make an official request for a full Board review, please contact our office.

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

NOV 16 2018



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

November 19, 2018

Michael A. Meyer Division of Water Resources 2508 N Johns Street Garden City, Kansas 67846

RE:

Application for Change in Point of Diversion

Water Right, File No. 33901

Dear Mike:

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 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 K.S.A. 82a-710 (b) and (c), and the draft revised management program. It is considered unreasonable to dis-allow any new effects from a proposal, so a standard maximum drawdown allowance applied over 50 years is used under an assumption the proposed well is pumped at maximum authorized rate and quantity. A drawdown allowance of four feet is used based on saturated thickness of more than 200 feet. The maximum reasonable or de minimis effect is used to screen for water right wells that need more investigation for a critical well result from the proposal. A critical well is a strong candidate for water right impairment. The attached review information is based on the Theis and GMD3 model tools and considered the best information available. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Review of the logs for each neighboring well appear to show that a couple of the wells may not be considered new wells and may not be drilled to the bottom of the local aquifer source of supply. It is also unclear if drilling deeper would provide additional supply. One irrigation well (WRs 20260, 20261 & 27393) and one domestic in section 26-26-32 had calculations determine that they could potentially be critical wells. Reasonably lower pumping rates by the proposed well would lower the drawdown effect to less than the four foot threshold for accepted de minimis effect, based on current conditions.

We had a phone conversation with the applicant representative, Bill Heiman, to discuss this proposed redrill. He stated the estimated yield of the proposed well was 1000gpm or less, and that their normal operating practice is to pump around 700gpm. This rate is less than the determined rate that would mitigate concerns on the two neighboring critical wells. After review of the analysis and discussion with the applicant, it is therefore recommended that the application be approved.

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>33901</u>. DWR office: <u>GC</u>.

App filed to change: PD.

Is Landowner(s) correct in WRIS: GCH Inc.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? William Heiman.

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	3950	2700	Sect 36-26-32	
Proposed PD	2674	4937		
Difference	1276 S	-2237 W		
a2 + b2 = c2	1628176	5004169	2575.334 foot move SW	

GPS for proposed PD: Lat: 37.74387 Long: -100.77809.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? ___.

Land Owner(s) notified: __.

Name __. Name __.

Address __. Address __.

Zip __. Zip __.

Neighboring certified well(s) notified: __.

Name __. Name __.

Address __. Address __.

Zip __. Zip __.

Domestic well(s) notified:

Name __. Name __.

Address __. Address __.

Zip __. Zip __.

Base Acres: __.
Perfected Acres: __.
Irr. Return-Flow __ %

Spacing is met to neighboring certified and domestic wells.

We ran the New Mexico model on all wells within a mile of the proposed PD, 6 certified wells and 2 domestic wells. All wells needed further evaluation after the first initial comparisons, but none turned out to be considered critical wells. WE discussed these calculations with the applicant, Bill Heiman, and he said the estimated yield on the new well was 1000gpm or less and that their normal operating practice is to only pump the wells around 700gpm. Mr. Heiman was appreciative of our call and discussion and noted his practice is not to pump all he can.

GMD3 Change Review

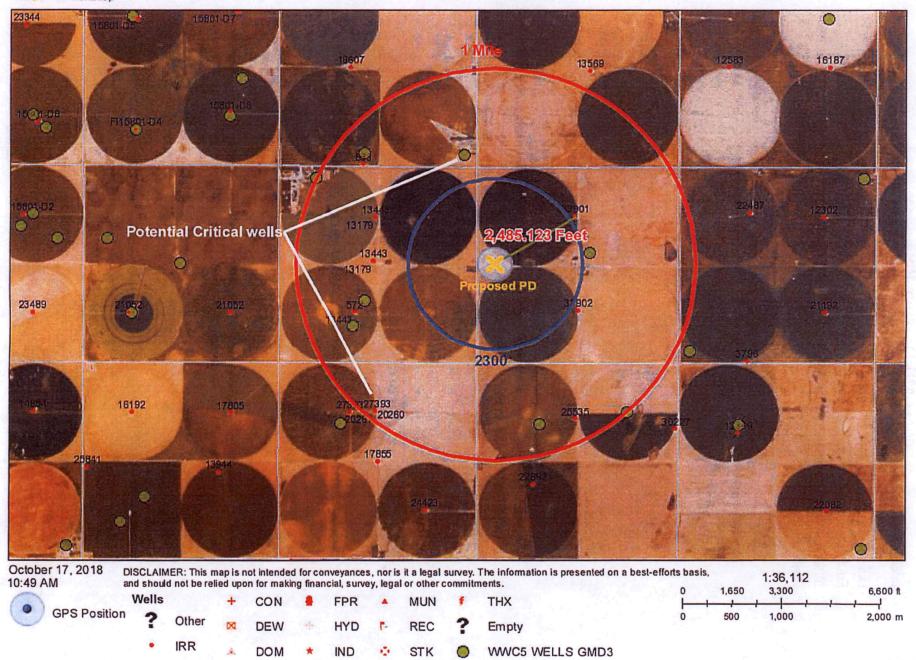
Is a waiver needed: No.

Final Recommendation: After review of the application, it does meet all current area rules of the area as far as spacing and distance moved. Further analysis shows that the proposed move could have effects on neighboring wells, however they are not critical.

Ja



33901 Change Review, PD



Proposed:

- · Move Point of Diversion 2460 ft to the southwest.
- Authorized rate remains at 1125 gpm.
- Authorized quantity remains at 511 AF.
- Average quantity pumped at current location is 268 AF.
 - Assuming 100 days of operation, current rate is 606 gpm.

Wells Within 1 Mile and Proposed Drawdown Effects

- 33902
 - Distance from proposed location = 2556 ft
 - Drawdown effect = 4.8 ft
- Southern 13179 & 13443
 - Distance from proposed location = 3231 ft
 - Drawdown effect = 5.4 ft
- Northern 13179 & 13443
 - Distance from proposed location = 3421 ft
 - Drawdown effect = 5.1 ft
- 833
 - Distance from proposed location = 4416 ft
 - · Drawdown effect = 4.5 ft

- 572 & 13443
 - · Distance from proposed location = 3962 ft
 - Drawdown effect = 5.0 ft
- 20260, 20261, and 27393
 - Distance from proposed location = 5079 ft
 - Drawdown effect = 4.4 ft
- Domestic in section 36-26-32
 - Distance from proposed location = 2528 ft
 - Drawdown effect = 3.3 ft
- Domestic in section 26-26-32
 - Distance from proposed location = 3073 ft
 - Drawdown effect = 4.7 ft

Minimum Drawdown Allowance

- Current saturated thickness is greater than 200 ft.
- Drawdown allowance over 50 years is 4.0 ft.
 - 50 year drawdown effect exceeds 4.0 ft for all wells except for the domestic well in section 36-26-32.
 - Seven wells need to be evaluated.

Aquifer Conditions at Proposed Well Location

- Saturated thickness is 217 ft.
 - Projected to decline 56.4 ft in 25 years.
- T = 86,233 gpd/ft
- S = 0.00217

Evaluation of WR No. 33902

- Drawdown due to additional proposed pumping = 4.8 ft.
 - Based upon 25 years Theis analysis using S = 0.00217, T = 79776 gpd/ft, $r_{proposed}$ = 2556 ft, $r_{original}$ = 2585 ft, $r_{original}$ = 2585 ft, $r_{original}$ = 100 days, $r_{original}$ = 100 days
- Drawdown due to existing pumping = 56.4 ft.
 - Based upon water level declines predicted by the GMD3 model.
- Dynamic Drawdown = 31.0 ft.
 - Based upon a Theis analysis with r = 1 ft, S = 0.00243, T = 86,233 gpd/ft, t = 100 days, Q = 785 gpm, well efficiency = 70%
- Total Drawdown = 92.2 ft.

Drawdown Constraints for WR No. 33902

- Economical Drawdown Constraint (40% in 25 years)
 - EDC = 243 ft * 0.4 = 97.2 ft.
- Physical Drawdown Constraint
 - Well depth is 495 ft, no screen interval data, water column to bottom of well is 243 ft. PDC is assumed to be 60 ft above the bottom of the well.
 - PDC = 243 ft 60 ft = 183 ft.
- The EDC is more restrictive than the PDC, so the maximum allowable drawdown is 97.2 ft.
 - The total drawdown is less than the allowable drawdown, so this is not a critical well.

Evaluation of Water Right Nos. 13179 & 13443, Southern Well

- Drawdown due to additional proposed pumping = 5.4 ft.
 - Based upon 25 years Theis analysis using S = 0.00217, T = 79776 gpd/ft, $r_{proposed}$ = 3231 ft, $r_{original}$ = 5470 ft, $Q_{proposed}$ = 1125 gpm, $Q_{original}$ = 606 gpm, $t_{proposed}$ = 103 days, $t_{original}$ = 100 days
- Drawdown due to existing pumping = 55.9 ft.
 - · Based upon water level declines predicted by the GMD3 model.
- Dynamic Drawdown = 11.0 ft.
 - Based upon a Theis analysis with r = 1 ft, S = 0.00239, T = 143,722 gpd/ft, t = 100 days, Q = 453 gpm, well efficiency = 70%.
- Total Drawdown = 72.3 ft.

Drawdown Constraints for WR Nos. 13179 & 13443, Southern Well

- Economical Drawdown Constraint (40% in 25 years)
 - EDC = 239 ft * 0.4 = 95.6 ft.
- Physical Drawdown Constraint
 - No drillers log available, so well is assumed to be drilled to the bottom of the aquifer, and PDC is assumed to be 60 ft above the bottom of the well.
 - PDC = 239 ft 60 ft = 179 ft.
- The EDC is more restrictive than the PDC, so the maximum allowable drawdown is 95.6 ft.
 - The total drawdown is less than the allowable drawdown, so the well is not critical.

Evaluation of Water Right Nos. 13179 & 13443, Northern Well

- Drawdown due to additional proposed pumping = 5.1 ft.
 - Based upon 25 years Theis analysis using S = 0.00217, T = 79776 gpd/ft, $r_{proposed}$ = 3421 ft, $r_{original}$ = 5286 ft, $Q_{proposed}$ = 1125 gpm, $Q_{original}$ = 606 gpm, $t_{proposed}$ = 103 days, $t_{original}$ = 100 days
- Drawdown due to existing pumping = 55.9 ft.
 - · Based upon water level declines predicted by the GMD3 model.
- Dynamic Drawdown = 19.5 ft.
 - Based upon a Theis analysis with r = 1 ft, S = 0.00239, T = 143,722 gpd/ft, t = 100 days, Q = 803 gpm, well efficiency = 70%.
- Total Drawdown = 80.5 ft.

Drawdown Constraints for WR Nos. 13179 & 13443, Northern Well

- Economical Drawdown Constraint (40% in 25 years)
 - EDC = 239 ft * 0.4 = 95.6 ft.
- Physical Drawdown Constraint
 - No drillers log available, so well is assumed to be drilled to the bottom of the aquifer, and PDC is assumed to be 60 ft above the bottom of the well.
 - PDC = 239 ft 60 ft = 179 ft.
- The EDC is more restrictive than the PDC, so the maximum allowable drawdown is 95.6 ft.
 - The total drawdown is less than the allowable drawdown, so the well is not critical.

Evaluation of Water Right No. 833

- Drawdown due to additional pumping = 4.5 ft.
 - Based upon 25 years Theis analysis using S = 0.00217, T = 79776 gpd/ft, $r_{proposed}$ = 4416 ft, $r_{original}$ = 5782 ft, $Q_{proposed}$ = 1125 gpm, $Q_{original}$ = 606 gpm, $t_{proposed}$ = 103 days, $t_{original}$ = 100 days
- Drawdown due to existing pumping = 55.2 ft.
 - · Based upon water level declines predicted by the GMD3 model.
- Dynamic Drawdown = 15.9 ft.
 - Based upon a Theis analysis with r = 1 ft, S = 0.00211, T = 128,350 gpd/ft, t = 100 days, Q = 586 gpm, well efficiency = 70%.
- Total Drawdown = 75.6 ft.

Drawdown Constraints for WR No. 833

- Economical Drawdown Constraint (40% in 25 years)
 - 211 ft * 0.4 = 84.4 ft.
- Physical Drawdown Constraint
 - Well is drilled and screened to 480 ft. Water column = 211 ft. PDC is assumed to be 60 ft above the bottom of the well screen.
 - 211 ft 60 ft = 151 ft.
- The EDC is more restrictive than the PDC, so the maximum allowable drawdown is 84.4 ft.
 - The total drawdown is less than the allowable drawdown, so the well is not critical.

Evaluation of Water Right Nos. 572 & 13443

- Drawdown due to additional pumping = 5.0 ft.
 - Based upon 25 years Theis analysis using S = 0.00217, T = 79776 gpd/ft, $r_{proposed}$ = 3962 ft, $r_{original}$ = 6394 ft, $Q_{proposed}$ = 1125 gpm, $Q_{original}$ = 606 gpm, $t_{proposed}$ = 103 days, $t_{original}$ = 100 days
- Drawdown due to existing pumping = 55.9 ft.
 - Based upon water level declines predicted by the GMD3 model.
- Dynamic Drawdown = 9.6 ft.
 - Based upon a Theis analysis with r = 1 ft, S = 0.00239, T = 143,722 gpd/ft, t = 100 days, Q = 396 gpm, well efficiency = 70%.
- Total Drawdown = 70.5 ft.

Drawdown Constraints for WR Nos. 572 & 13443

- Economical Drawdown Constraint (40% in 25 years)
 - 239 ft * 0.4 = 95.6 ft
- Physical Drawdown Constraint
 - No driller log is available, so assume well is drilled to the bottom of the aquifer. PDC is assumed to be 60 ft above the bottom of the well.
 - 239 ft 60 ft = 179 ft
- The EDC is more restrictive than the PDC, so the maximum allowable drawdown is 95.6 ft.
 - The total drawdown is less than the allowable drawdown, so the well is not critical.

Evaluation of Water Right Nos. 20260, 20261, and 27393

- Drawdown due to additional pumping = 4.4 ft.
 - Based upon 25 years Theis analysis using S = 0.00217, T = 79776 gpd/ft, $r_{proposed}$ = 5079 ft, $r_{original}$ = 7121 ft, $Q_{proposed}$ = 1125 gpm, $Q_{original}$ = 606 gpm, $t_{proposed}$ = 103 days, $t_{original}$ = 100 days
- Drawdown due to existing pumping = 55.6 ft
 - · Based upon water level declines predicted by the GMD3 model.
- Dynamic Drawdown = 3.8 ft
 - Based upon a Theis analysis with r = 1 ft, S = 0.00227, T = 117,895 gpd/ft, t = 100 days, Q = 129 gpm, well efficiency = 70%
- Total drawdown = 63.8 ft

Drawdown Constraints for WR Nos. 20260, 20261, and 27393

- Economical Drawdown Constraint (40% in 25 years)
 - 150 ft * 0.4 = 60 ft
- Physical Drawdown Constraint
 - Well is drilled to a depth of 422 ft. It appears that the well could be drilled deeper. Water column is 150 ft. PDC is assumed to be 60 ft above the bottom of the well.
 - 105 ft 60 ft = 90 ft
- The EDC is more restrictive than the PDC, so the maximum allowable drawdown is **60 ft**.
 - The total drawdown of 63.8 ft exceeds the allowable drawdown, so the well is critical.

Evaluation of the Domestic Well in Section 26-26-32

- Drawdown due to additional pumping = 4.7 ft
 - Based upon 25 years Theis analysis using S = 0.00217, T = 79776 gpd/ft, $r_{proposed}$ = 3073 ft, $r_{original}$ = 3362 ft, $Q_{proposed}$ = 1125 gpm, $Q_{original}$ = 606 gpm, $t_{proposed}$ = 103 days, $t_{original}$ = 100 days
- Drawdown due to existing pumping = 55.2 ft
 - · Based upon water level declines predicted by the GMD3 model.
- Total Drawdown = 59.9 ft

Drawdown Constraints for the Domestic Well in Section 26-26-32

- Economical Drawdown Constraint (40% in 25 years)
 - 62 ft * 0.4 = 24.8 ft
- Physical Drawdown Constraint
 - Well is drilled to a depth of 320 ft (completed in 1985). Water Column = 62 ft.
 Well is not drilled to the bottom of the aquifer. PDC is assumed to be 20 ft above the bottom of the well.
 - 62 ft 20 ft = 42 ft
- The EDC is more restrictive than the PDC, so the maximum allowable drawdown is 24.8 ft.
 - The total drawdown of 59.9 ft exceeds the allowable drawdown, so the well is critical.

Meyer, Mike [KDA]

From:

McColloch, Austin

Sent:

Monday, October 15, 2018 1:40 PM

To:

Meyer, Mike [KDA] RE: OWNERSHIP

Subject: Attachments:

36-26S-32W.PNG

36-26S-32W

NE%: HARRIER FAMILY LIV TRUST; 210 N MARTIN AVE OBERLIN, KS 67749-1904

NW%: GCH INC; 909 N ANDERSON ST GARDEN CITY, KS 67846-6212 S%: HEIMAN FAMILY FARMS; 9460 S RD 15 Garden City, KS 67846-8970

Farmstead in middle of Section: LEAR FARMS INC; 4280 E LEAR RD GARDEN CITY, KS 67846-8937

Austin McColloch Environmental Scientist Ph: (620) 276-2901

From: Meyer, Mike [KDA]

Sent: Monday, October 15, 2018 1:32 PM

To: McColloch, Austin < Austin. McColloch@ks.gov>

Subject: RE: OWNERSHIP

Lol 36-26-32W Sorry...

Mike

From: McColloch, Austin

Sent: Monday, October 15, 2018 1:31 PM **To:** Meyer, Mike [KDA] < <u>Mike.Meyer@ks.gov</u>>

Subject: RE: OWNERSHIP

There are many Section 36's in Finney County. Can I get a T&R too. haha

Austin McColloch Environmental Scientist Ph: (620) 276-2901

From: Meyer, Mike [KDA]

Sent: Monday, October 15, 2018 1:22 PM

To: McColloch, Austin < Austin. McColloch@ks.gov >

Subject: OWNERSHIP

Can you verify the ownership on the following: Finney county Section 36 thanks



sults

Suits	
02000 n City, KS 67846	GCHINC
01000 n City, KS 67846	HARRIER FAMILY LIV TRUST
04000 City, KS 67846	HEIMAN FAMILY FARMS
03000 Sarden City, KS 67846	LEAR FARMS INC



DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES GARDEN CITY FIELD OFFICE 2508 JOHNS STREET GARDEN CITY, KS 67846-2804

STATE OF KANSAS

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



October 15, 2018

GCH INC 9460 SOUTH ROAD 15 GARDEN CITY KS 67846

RE: Water Right, File No. 33901

Dear Madame or Sir:

Reference is made to applications for approval of the Chief Engineer to change the point of diversion under the referenced file number which was received in this office on September 18, 2018. Upon review of the application, we find that additional information is needed.

It is required by K.A.R. 5-5-1(c) Filing an application for change, that the Division of Water Resources, is require to obtain a notarized signature from each landowner and their spouse, or a duly authorized agent. All signing must be done with a notary public present. Should an agent sign on behalf of the owners, please provide legal documentation that grants the agent the authority to sign property documents, specifically water rights.

The records for Finney County show that there is a farmstead on the water right owned by Lear Farms Inc. Please have the landowner sign the application in the presence of a notary. Additional signature sheets are attached for them to sign.

Also, upon processing these applications, all wells (including domestic wells) located within a half mile of each authorized well must be documented on the maps of each application along with names and addresses. Please review the map and indicate wells that are not on the map and supply the information. Once this has been done, please sign each map indicated that all wells have been plotted. I would assume that Lear's have a domestic well within one half mile of the proposed well.

In order for the applications to retain their priority of filing, the required signatures or documentation to updated ownership, of the property associated with the referenced rights, must be completed and returned to this office on or before, **October 31, 2018**. According to law, default in returning requested information as outlined above within the time allowed or any authorized extension of time, shall cause dismissal of the applications for change under the above referenced file numbers.

Should you need to request additional time in which to return the requested information, please do so prior to the deadline.

If you have any questions, please contact our office. Please reference the water right file numbers listed above so that we may help you more efficiently.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM Enclosures

pc:

Groundwater Management District No. 3

DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES GARDEN CITY FIELD OFFICE 2508 JOHNS STREET GARDEN CITY, KS 67846-2804

STATE OF KANSAS



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

GOVERNOR JEFF COLYER, M.D. JACKIE McClaskey, Secretary of Agriculture

October 8, 2018

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

Re: Water Right File No. 33901

Dear Mr. Norquest;

This is to advise you that GCH INC (Bill Heiman) has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion for the above referenced files.

We are delaying action on the change application to allow you time to review and provide a recommendation.

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

Sincerely,

Michael A. Meyer

Water Commissioner

MAM Enclosure DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES GARDEN CITY FIELD OFFICE 2508 JOHNS STREET GARDEN CITY, KS 67846-2804

STATE OF KANSAS

PHONE: (620) 276-2901 Fax: (620) 276-9315 www.agriculture.ks.gov



September 20, 2018

LEAR FARMS INC THOMAS J LEAR 4280 E LEAR RD GARDEN CITY KS 67846-8937

RE: Water Right 33901

Dear Mr. Lear:

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

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

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

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

Sincerely,

Thomas P. Makens

Environmental Scientist III

pc: GMD#3