Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number: 28195	2. Status Change Date $3 - 1 - 19$	e: 3. Change Num: C1	4. Field Office:	5. GMD:
6. Status: 🛚 Approved	☐ Denied by DWR/GMD	☐ Dismiss by Reque	st/Failure to Return	7. Filing Date of Change: 2/19/19
8a. ,WUC, applicant New to system ☐ KENNETH COX 1111 ROAD 90 SUBLETTE KS		HC 1 E		
8b. Landowner(s) New to system ☐ EDNA A COX T HC 1 BOX 34 SUBLETTE KS		8d. WUC New to sy	ystem □	Person ID Add Seq#
9. Documents and Enclose	ure(s): DWR Meter(s) Date to Cor	mply:12/31/19	⊠ N & P Date t	to Comply: 12/31/20
☐ Anti-Reverse Meter ☐ Conservation Plan	☐ Meter Seal ☐ Check Valve Date Required:	e ⊠ N & P Form Date Approved:		Driller Copy
10. Use Made of Water	From:	To:		
			Date Prepared: 3/1/ 1 Date Entered:	19 ву: МАМ ву:

File No. 28195	11. County:	HS	Bas	in: AR	KANS	SAS R	IVER		170	St	ream:		- 4	-					rmation Code 1/331	: Special Use:
12. Points of Diversion CHK MOD DEL PDIV		1						\	-1						and Qu	uantity		A	dditional	
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Limitation:	af/yr a	ıt			9	ıpm (_			- 14	cfs) wl	nen co	ombine	ed with	file n	umber	(s)				
15. 5YR Allocation: Allocation	Туре	Sta	rt Year	314		5 YR	Amou	nt		Amo	unt U	nit	ada Papani	Base	Acres		_ C	omment .		
16. Place of Use CHK		1,5	NE	1/4			NV	V1/4			sv	N¹/4		i	S	SE1/4		Total	Owner C	chg? Overlap Files
MOD DEL ENT PUSE S T R	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			
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Garden City Field Office 2508 Johns Street Garden City, KS 67846-2804



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

March 1, 2019

KENNETH COX 1111 ROAD 90 SUBLETTE KS 67877-8033

RE:

Water Right, File No. 28195

Dear Sir:

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

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

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

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

Sincerely,

Michael A. Meyer Water Commissioner

MAM: enclosures

pc:

EDNA A COX TRUST FORREST M COX TRUST HC 1 BOX 34 SUBLETTE KS 67877-9721

GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 1st day of March, 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 28,195, dated 1st day of March, 2019 was mailed postage prepaid, first class, US mail to the following:

KENNETH COX 1111 ROAD 90 SUBLETTE KS 67877-8033

With photocopies to:

EDNA A COX TRUST FORREST M COX TRUST HC 1 BOX 34 SUBLETTE KS 67877-9721

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.

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☐ This point will not be changed ☐ This point will be changed as follows: ☐ No change, point better described with GPS as follows:										
Proposed point of diversion: (Complete only if change is	requeste	d or if existing point	is better describe	ed by GPS)						
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in HASKELL County, Kansas, 5230 fee	et North	700 feet West	of Southeast corne	r of section.						
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(DWR use only: Computer ID NoO GPS		feet North	feet We	est)						
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One in the Quarter of the		Quarter of the		Quarter						
(please be specific) REPLACE EXISTING WELL	300	200 100	0 100 200	300						
If a well, is the test hole log attached? Yes No	200			200						
The change(s) (was)(will be) completed by?	E		Environment							
UPON APPROVAL	100	-1 + 1 + 1 -	= 1 + 1 +	100						
If the point of diversion is a well:	E			= = = = = = = = = = = = = = = = = = = =						
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(b) When will this be done? <u>UPON COMPLETION</u>	100	-	<u> </u>	100						
Groundwater Management District recommendation attached?	200	-1 + 1 + 1 -	<u> </u>	200						
☐ Yes ☐ No	E			₫						
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	of Section 9 , Township in HASKELL County, Kansas, 3708 fe Proposed Rate Proposed Quantity This point is: Additional Well Geo Center List other Presently authorized point of diversion: One in the CN Quarter of the of Section 5 , Township in HASKELL County, Kansas, 5230 fe Authorized Rate Authorized Quantity (DWR use only: Computer ID No. 3 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 Quarter of the Of Section , Township in County, Kansas, fe Proposed Rate Proposed Quantity This point is: Additional Well Geo Center List other The changes herein are desired for the following reasons? (please be specific) REPLACE EXISTING WELL If a well, is the test hole log attached? Yes No The change(s) (was)(will be) completed by? UPON APPROVAL If the point of diversion is a well: (a) What are you going to do with the old well? PLUG OR CAP (b) When will this be done? UPON COMPLETION Groundwater Management District recommendation attached?	of Section 9 , Township 28 in HASKELL County, Kansas, 3708 feet North Proposed Rate Proposed Quantity This point is: Additional Well Geo Center List other water right Presently authorized point of diversion: One in the CN Quarter of the NE of Section 5 , Township 28 in HASKELL County, Kansas, 5230 feet North Authorized Rate Authorized Quantity (DWR use only: Computer ID No. O GPS This point will not be changed This point will be changed as follows: Proposed point of diversion: (Complete only if change is requested one in the Quarter of the Of Section Township in County, Kansas, feet North Proposed Rate Proposed Quantity This point is: Additional Well Geo Center List other water right The changes herein are desired for the following reasons? (please be specific) REPLACE EXISTING WELL 300 The change(s) (was)(will be) completed by? UPON APPROVAL 100 If the point of diversion is a well: (a) What are you going to do with the old well? West of PLUG OR CAP (b) When will this be done? UPON COMPLETION 200 Groundwater Management District recommendation attached? 200 Groundwater Management District recommendation attached? 200 Groundwater Management District recommendation attached? 200	of Section 9 , Township 28 South, Range in HASKELL County, Kansas, 3708 feet North 3432 feet West Proposed Rate Proposed Quantity Proposed well depthis point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point in the CN Quarter of the NE Quarter of the Section 5 , Township 28 South, Range in HASKELL County, Kansas, 5230 feet North 700 feet West Quantity Depth of well (DWR use only: Computer ID No. O) GPS feet North Depth of well (DWR use only: Computer ID No. O) GPS feet North Proposed Point of diversion: (Complete only if change is requested or if existing point One in the Quarter of the Quarter of the Section , Township South, Range in County, Kansas, feet North feet West Proposed Rate Proposed Quantity Proposed well depthis point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this point is: Additional Well Geo Center List other water rights that will use this p	of Section 9 , Township 28 South, Range 32 in HASKELL County, Kansas, 3708 feet North 3432 feet West of Southeast corne Proposed Rate Proposed Quantity Proposed well depth (feet) This point is: Additional Well Geo Center List other water rights that will use this point Presently authorized point of diversion: One in the CN Quarter of the NE Quarter of the NE of Section 5 , Township 28 South, Range 32 in HASKELL County, Kansas, 5230 feet North 700 feet West of Southeast corne (DWR use only: Computer ID No. O GPS feet North feet West of Southeast corne (DWR use only: Computer ID No. O GPS feet North feet West of Southeast corne (DWR use only: Computer ID No. O GPS feet North feet West of Southeast corne (DWR use only: Computer ID No. O GPS feet North feet West of Southeast corne (DWR use only: Computer ID No. O GPS feet North feet West of Southeast corne (DWR use only: Computer ID No. O GPS feet North feet West of Southeast corne (DWR use only: Computer Only: Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County, Kansas, Geongy of South, Range only: Corne in the County of South, Ran						

14. If the prop	posed groundwater point of divers	ion is 300 or fewer feet from	n the exis	ting point of di	iversion, complete th	ne following:
(a) Does ☐ Ye	s the undersigned represent all ow es \sum No (If no, all ow	rners of the currently autho vners must sign this applic		e(s) of use ide	entified in this applica	ation?
	the ownership interest of any own ted if this application is approved es			(s) of use ider	ntified in this applica	ation be adversely
(c) If this ☐ Ye	s application is not approved expe es	ditiously, will there be subs vners must sign this applica		mage to prope	erty, public health or	safety?
or a change in	on proposes a surface water char n place of use, the application must notarized statement authorizing re	st be signed by all owners				
age and the their behalf, contained in	rify, being first duly sworn u owner, the spouse of the ow in regards to the water righ this application are true, co	vner, or a duly authorize at(s) to which this apported and complete	ed ager lication	nt of the own pertains. I f	ner(s) to make thi further verify tha	s application on
Dated at	GARDEN CITY	, Kansas, this _	1 21	_day of _FR	BRUARY	, 20/9
xx	MARDEN CITY			an action of the		
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	(Owner)	<u>Pirang Panguang</u> Engang Panguang Sangging Panguang Panguang Sangging Panguang	didise To lessone Solder to de	har muya ad his inggara da no anda a a	(Spouse)	radinas anti 3 norma dividi.
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of hereby co	pertify that the foregoing applied, 2017.			ice and swo	rn to before me	this 157 day
My Commissio	on Expires 9-14-22	NOTARY PUBLIC - State CATHERINE RE My Appt. Exp.		lath	Motary Public	roil
ONLY COMPLE accurate informa	TE APPLICATIONS WILL BE PROCI ation; maps, if necessary, must be inc fee must be paid.					
the appropriate i	ree must be paid.	EFF COULEDING				
forth in the sch (1) Ap (2) Ap	on to change the place of use or the change the place of use or the change apoint of divipplication to change a point of divipplication to change a point of divipplication to change the place of the p	ble to: Kansas Departme ersion 300 feet or less ersion more than 300 feet	this secti	culture		\$100 \$200
A CONCES úmant Expires ser 16, 2022	BLUL PROGRAMA = (STATE)	ho style obyte.				ψ200

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

prov Wit	visions of the Kansas Water Appropriation Law. K.S.A. 82a	08b, as amended, and K.A.R. 5-5-1, <i>et seq.</i> and other applicable -701 et. seq., and rules and regulations promulgated thereunder, in, this Summary Order does not change the terms, conditions and
1.	A change application was received on diversion authorized under the above-referenced file num	requesting that the place of use and / or point of other be changed as described in the application.
2.	On and after the effective date of this summary order, the authe topographic map accompanying the application to cha	uthorized place(s) of use shall be located substantially as shown on ange the place of use. Applicable Not Applicable
3.	The change in point of diversion shall not impair existing rig previously authorized. The point of diversion authorized radius of the authorized point(s) of diversion. Application	hts and shall be limited to the same source or sources of water as by this summary order shall be located within a foot ole □ Not Applicable
4.	The point(s) of diversion described herein is administrative Positioning System (GPS), as described in the application	rely corrected to be more accurately described using the Global n. Applicable Not Applicable
5.	The point(s) of diversion authorized herein shall not actually authorized point(s) of diversion.	be located more than <u>2640</u> feet from the previously Not Applicable
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a vor other device suitable for making water level measurement K.A.R. 5-6-13. Applicable Not Applicable	well with a diversion rate of 100 gallons per minute or more, a tube ents shall be installed, operated and maintained in accordance with
7.	December 31, 20 //, or before the first use of water operated and maintained in accordance with K.A.R. 5-1-4	operly install an acceptable water flow meter on or before, whichever occurs first. The water flow meter shall be installed, through 5-1-12. As required by K.S.A. 82a-732, as amended, and it the reading of the water flow meter and the total quantity of water ring the end of each calendar year.
8.	authorized extension of time. By March 1, 20 20 the	e completed on or before December 31, 20, or within any a applicant shall notify the Chief Engineer that construction of the vided by the Chief Engineer, as required by K.A.R. 5-8-4e.
9.	The completed well log shall be submitted with the requ	ired notice. Applicable
10.	with an in-line, automatic, quick-closing check valve capa	foreign substance will be injected into the water shall be equipped able of preventing pollution of the source of the water supply. The in accordance with K.A.R. 5-3-5c. Applicable \(\square \) Not Applicable
11.	Additional Conditions are attached. Yes No	
12.	water appropriated under the above-referenced file num limitations, as amended and/or supplemented by this Sul Appropriation Law and the Rules and Regulations prom	A.R. 5-5-14, all of the owners of the authorized place(s) of use of ber are responsible for compliance with its terms, conditions and mmary Order, and with applicable provisions of the <i>Kansas Water</i> ulgated thereunder. Failure to comply with these provisions may mended, and/or the suspension or revocation and dismissal of the lons authorized by law.
4	Administrative Appeal and Effective Date of Order	FOR OFFICE USE ONLY
If vo	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901,	APPLICATION APPROVED AND
you	may request an evidentiary hearing before the Chief	SUMMARY ORDER ISSUED
Eng	ineer or request administrative review by the Secretary of iculture. A request for hearing by the Chief Engineer must be	By: Malach Ac Mas
filed	d within 15 days of service of this Order and a request for	Duly Authorized Designee of the Chief Engineer
day	ninistrative review by the Secretary must be filed within 30 pursuant to K.S.A. 77-531. Any request for administrative	(Print Name): MOHAET A. MEYER
revi	ew must state a basis for review pursuant to K.S.A. 77-527.	Division of Water Resources - Kansas Department of Agriculture
Leg	any request with Kansas Department of Agriculture, yal Division, 1320 Research Park Drive, Manhattan, KS	Date of Issuance: March 1, 2019
665 pre	02. Failure to timely request a hearing or review may clude review under the Kansas Judicial Review Act.	State of Kansas)
1	For Use by Register of Deeds	County of Anney)
		Acknowledged before me on March 1, 2019
		by Michael A Meyer
. *		Signature: Notary Public
		My commission expires: My Accolumn Expires (Notally Seal) 15, 2022

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



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

KENNY COX. 620-272-1671

Customer Name:	Kenny Cox Farms	WO#: 14847	Date: 12-19-18
Street Address:	450 US HW483	Test #: 2	E LOG:
City, State:	SUBLETTE KS. 67877	Driller: Dale Gui	nn
County: Haskell		Township: 28	Range: 32
Location:		PS: N37.63033 W 100.82	760
Rig#: 1000.		Static WL: 370'	Estimated?
REPLACEDINE	11 in SW SW SW 4-28-72 HC	Proposed Well Depth	663

WELLLOCATION 10'SWAP Footage Pay To **Description of Strata** % From 0 2 Top Soil 28 Brown Sandy Clay 2 Fine Sand 28 49 49 60 Brown Sandy clay 76 60 Brown Sandy Clay 120 76 Sand fine to med course small few med gravel 120 157 157 167 Brown Clay Sand fine to med course small gravel 167 238 238 243 Brown Clay 261 fine to med course small quarel 243 279 Brown Clay 261 279 324 Blue Clay Sand fine to med some course w/some clay stringers 357 324 Sand fine to med course few small grown wifew this clay stringers 357 92 462 25 Fine Sand w/ some clay stringers 462 480 10 Sand fine to med w / some clay ledges 15 480 21 501 Fine Sand w/many clay Stringers + few line vock strips 501 520 520 540 Brown Sandy Clay w/few sand strips Fine Sand 540 14 554 15 Sand fine to med course w/brown & tan rock 30 554 21 575 Soupstone 575 599 599 630 Shale - Very Hard in places -Somestone & Sandstone Shale 630 653 5 23 778 653 778 780 Possible Sandstone - lost circ -Super Gel X Growt 13 ent. 12/mg 3/4 an 6 Perma Plug -1 43/4 Drag 13/ada -2

	FileNo.		
	Longitude	Latitude	a a and
	-100.834900		
Point 2	-100.827600	37.630330	-28/95

Degrees Latitude per Foot
Degrees Latitude per Foot

3.45283795E-06 2.74626757E-06

Distance Between Points (ft)

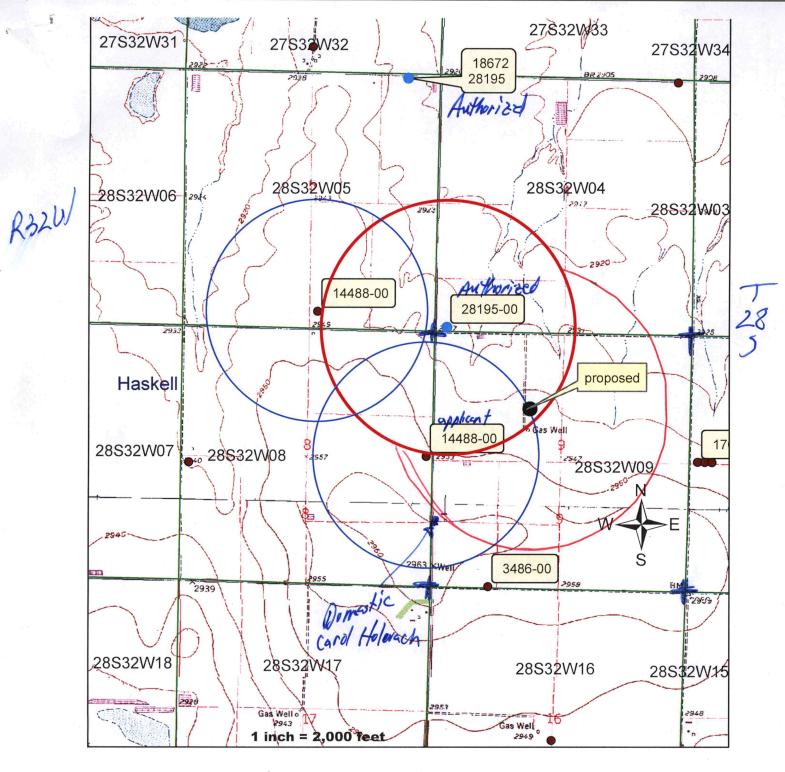
2309

Compute Distance Betw

Instructions

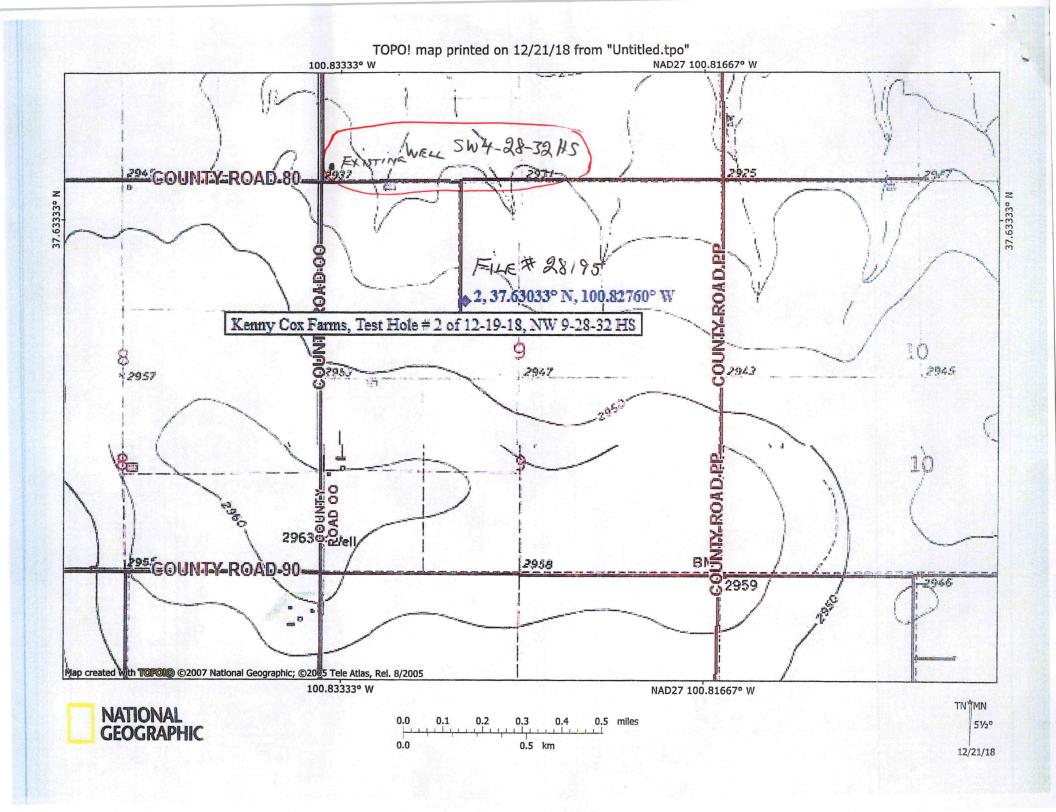
1. Enter Longitudes and Latitudes of the two points (both must be in the same datum, NAD27 or NAD83).

2. Click "Compute Distance Between Points" button.



File No. 28195 Change Application to Change Point of Diversion

No other wells within 1/2 mile





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

February 27, 2019

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 Nos. 28195

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 minimum spacing to neighboring wells.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the draft revised management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of the applicant. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (4 ft in cases where saturated thickness is greater than 200 ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that only a domestic well located NW SW 9-28-32 had the potential to be critical. Further review appears that the well, if still active, is over 28 years old and has not been drilled as deep as it could. It also appears the another well has been drilled a short distance further south and deeper which would no longer make it critical. All other wells showed that the net effect does not exceed the 4.0 ft maximum allowable threshold. Therefore, GMD3 sees this move as reasonable and unlikely to impair neighboring wells. It is therefore recommended that the applications 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 RECEIVED

FEB 2 8 2019

GMD3 Change Review

Is Landowner(s) cor			Cox.
	umentation incl		in animal
Is Water Use Corres			? <u>Yes</u> .
	cumentation incl		
Regulation(s) Revie			
Point of diversion II) No(s) <u>02</u> be	eing chan	ged.
torum (Ale	t. North ft.	West	
Authorized PD	63	5166	Sect 4-28-32
Proposed PD	3708	3432	Sect 9-28-32
Difference	1635 s	1734 e	CENTIFICACION DE PARTICION DE PROPERTO DE PROPERTO DE PARTICION DE PAR
a2 + b2 = c2		006756	2383.271 foot move SE
GPS for proposed P	D: Lat: 37.630	33	Long: <u>-100.82760</u> .
Is proposed PD stac			
Is Proposed PU ove			
Land Owner(s) noti			
Name	Name		
Address	Addre	ess	
Zip	Zip	acousti at th	
Neighboring certifie	ed well(s) notifie	ed:	
Name	Name		
Address	Addre	ess	
Zip	Zip		
Domestic well(s) no	otified:		
Name	Name		
Address	Addre	ess	
Zip	Zip	Notice .	
Base Acres:			
Perfected Acres:	general strain ou		
Irr. Return-Flow			
			ation for well effects (in this case 4ft) all c well in NW SW 9-28-32.
Further review sho	ws this domest	ic well, if	still in operation is about 28 years old
and comparing to	neighboring log	gs can be	drilled deeper. If it was drilled deeper
would fall under th			
Is a waiver needed:	current area ru	iles for di	stance moved and minimum spacing to
neighboring wells is		rates y a like Li Orașia la Lika	engle
			available information, it appears all curren

GMD3 Change Review

meets current spacing) has potential to be a critical well as it is now. However age and apparent ability to drill deeper shows the well would not be considered critical. It also appears that the domestic well may have been more recently redrilled further south to a deeper depth.

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Other

IRR

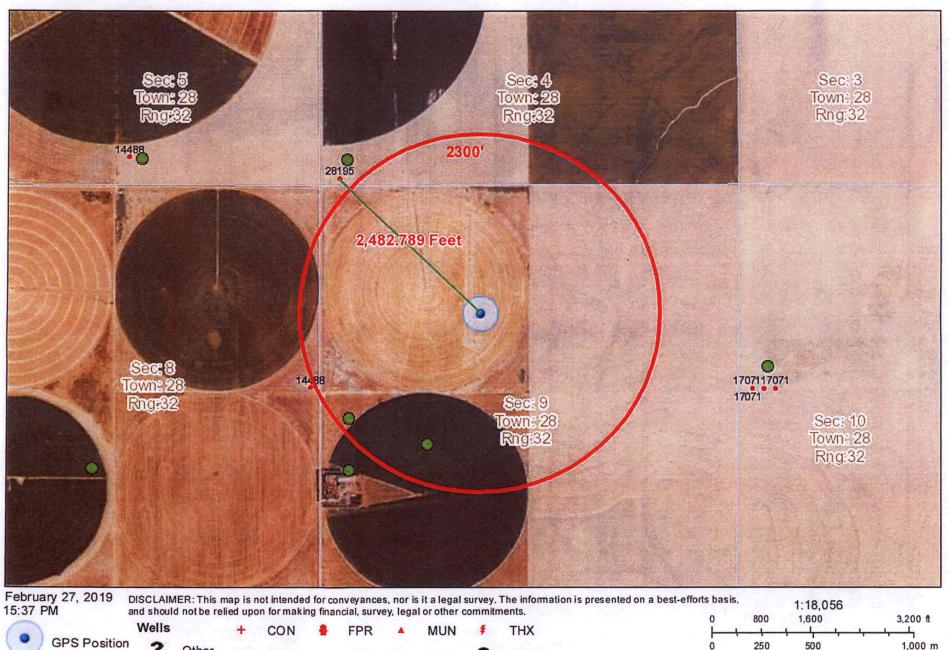
DEW

DOM

HYD

IND

28195 PD Review



REC

STK

Empty

WWC5 WELLS GMD3

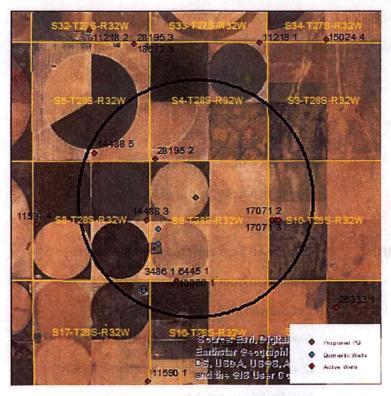
1,000 m

250

500

Evaluation of proposed move for Water Right No 28195 ID2

Proposed: Move the well authorized under water right no. 28195 ID2 2515 ft to the southeast.



Wells within 1 mile: 14488 ID5, 14488 ID3, 3486 & 6445 & 10860, 17071, 2 domestic wells in the southwest ¼ of 9-28-32, and 2 domestic wells in the northeast ¼ of 17-28-32.

The saturated thickness at the proposed well location is estimated to be 205 ft, based upon the driller's log at the proposed well location from December 19, 2018. For saturated thicknesses greater than 200 ft, the maximum allowable Theis drawdown to neighboring critical wells is 4.0 ft.

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

S = 0.0444, T = 15,866 ft²/day, tp_{current} = 294 days (based upon reported quantity and observed rate at 2017 inspection), Q_{current} = 197 gpm (observed at 2017 inspection), tp_{proposed} = 144 days, Q_{proposed} = 1150 gpm. Wells were given the following X-Y coordinates:

28195 ID2 (Current PD):

X = -9985 ft, Y = 276,769 ft

14488 ID5:

X = -12,680 ft, Y = 277,043 ft

14488 ID3:

X = -10,362 ft, Y = 274,074 ft

3486 & 6445 & 10860:

X = -9008 ft, Y = 271,379 ft

17071:

X = -4620 ft, Y = 274,061 ft

Domestic NW SW 9-28-32:

X = -9842 ft, Y = 273,683 ft

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Domestic C SW 9-28-32:

X = -9842 ft, Y = 273,006 ft

North Domestic 17-28-32:

X = -10,493 ft, Y = 271,027 ft

South Domestic 17-28-32:

X = -10,493 ft, Y = 270,923 ft

Theis drawdowns were calculated as follows:

14488 ID5:

Drawdown from current location = 1.27 ft

Drawdown from proposed location = 3.67ft

Net drawdown = 2.4 ft

14488 ID3:

Drawdown from current location = 1.27 ft

Drawdown from proposed location = 5.19 ft

Net drawdown = 3.9 ft

3486 & 6445 & 10860:

Drawdown from current location = 1.01 ft

Drawdown from proposed location = 4.24 ft

Net drawdown = 3.2 ft

17071:

Drawdown from current location = 0.97 ft

Drawdown from proposed location = 4.29 ft

Net drawdown = 3.3 ft

Domestic NW SW 9-28-32:

Drawdown from current location = 1.22 ft

Drawdown from proposed location = 5.41 ft

Net drawdown = 4.2 ft

Domestic C SW 9-28-32:

Drawdown from current location = 1.15 ft

Drawdown from proposed location = 5.0 ft

Net drawdown = 3.8 ft

North Domestic 17-28-32:

Drawdown from current location = 0.99 ft

Drawdown from proposed location = 3.80 ft

Net drawdown = 2.8 ft

South Domestic 17-28-32:

Drawdown from current location = 0.98 ft

Drawdown from proposed location = 3.76 ft

Net drawdown = 2.8 ft

Net drawdown exceeds 4.0 ft on the domestic well located in NW SW 9-28-32, so critical well evaluation is necessary.

Critical Well Evaluation:

25 year drawdown due to proposed pumping (DP) = 4.0 ft

Drawdown due to existing pumping (DE) = 58.0 ft (based upon water level declines from 2019 to 2044 using the GMD3 model)

Dynamic Drawdown (DD) was not estimated for a domestic well. Instead, it is assumed the well needs 20 ft of saturated thickness to operate.

Total Drawdown (DT) = 58.0 ft + 4.0 ft = 62.0 ft.

Water Column (WC) = 32 ft. Note that this well was completed in 1991. Due to its age, it is assumed that this well has lived its usable lifetime and it is reasonable to assume it needs to be redrilled. Using the driller's log from the nearby well authorized under water right number 14488 ID3, it appears this well could probably be redrilled to a depth of about 584 ft. This would create a water column **WC** = **201 ft.**

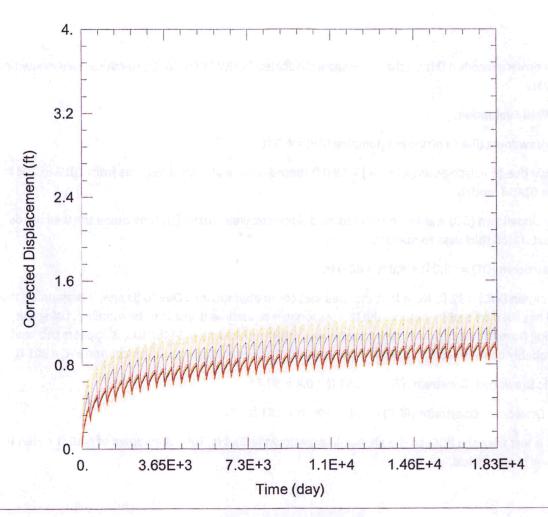
Economic Drawdown Constraint (EDC) = 201 ft * 0.4 = 80.4 ft

Physical Drawdown Constraint (PDC) = 201 ft - 20 ft = 181 ft

The EDC is less than the PDC, so the allowable drawdown is 80.4 ft. Total drawdown of 62.0 ft < 80.4 ft, so the well is not critical.

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WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019_moves\28195\28195 Current.aqt

Date: 02/27/19

Time: 10:47:11

PROJECT INFORMATION

Company: GMD 3 Client: Kenny Cox Project: 28195

Location: Haskell County

Test Well: 28195

WELL DATA

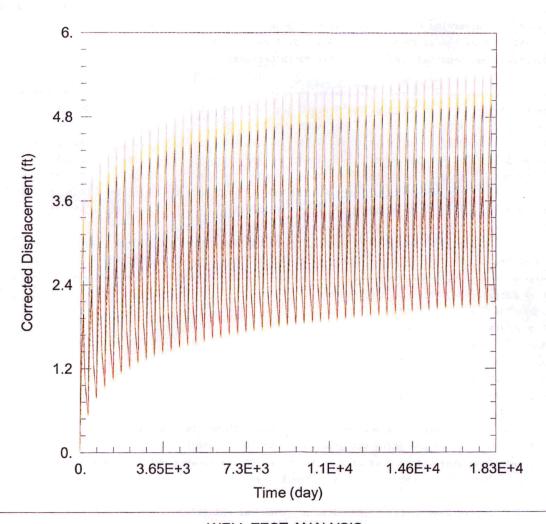
r unping wens								
Well Name	X (ft)	Y (ft)						
28195	-9985	276769						

Dumning Wells

Observation	on Wells	
Well Name	X (ft)	Y (ft)
	-9985	276769
□ 14488 ID5	-12680	277043
- 14488 ID3	-10362	274074
 3486 & 6445 & 10860 	-9008	271379
- 17071	-4620	274061
 Domestic NW SW 9-28-3 	2 -9842	273683
Domestic C SW 9-28-32	-9842	273006
 Domestic N 17-28-32 	-10493	271027
 Domestic S 17-28-32 	-10493	270923

SOLUTION

Calitian Mashad. Their



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019_moves\28195\28195 Proposed.aqt

Date: 02/27/19 Time: 10:43:50

PROJECT INFORMATION

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Company: GMD 3
Client: Kenny Cox
Project: 28195

Location: Haskell County

Test Well: 28195

Well Name

28195

FEB 2 8 2019

Garden City Field Office Division of Water Resources

WELL DATA

Pumping Wells

X (ft) Y (ft)

-8149 275038

Observation	JII VVEIIS	
Well Name	X (ft)	Y (ft)
	-8149	275038
□ 14488 ID5	-12680	277043
□ 14488 ID3	-10362	274074
 3486 & 6445 & 10860 	-9008	271379
o 17071	-4620	274061
 Domestic NW SW 9-28-3 	2 -9842	273683
Domestic C SW 9-28-32	-9842	273006
 Domestic N 17-28-32 	-10493	271027
 Domestic S 17-28-32 	-10493	270923

SOLUTION

Califica Mashadi Thais

Water Rights and Points of Diversion Within 1.00 miles of point defined as: 3708 ft N and 3432 ft W of the SE Corner of Section 9, T 28S, R 32W Located at: 100.827600 West Longitude and 37.630331 North Latitude GROUNDWATER ONLY ______ File Number Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth_Quan Add_Quan Unit 3486 00 IRR NK G 3728 -- SE SW SW 50 4183 9 28 32W (1) 320.00 320.00 AF 3728 -- SE SW SW 6445 00 IRR NK G 320.00 320.00 AF 50 4183 9 28 32W 1 3728 -- SE SW SW 50 4183 9 28 32W 320.00 320.00 AF 10860 00 IRR NK G 4826 - SW SW SE 360 2475 5 28 32W 5 2279 - SE SE NE 2723 187 8 28 32W 3 1234.00 1234.00 AF 14488 00 IRR NK G 1292.00 1006.00 AF 3859 - SW SW NW 2700 4976 10 28 32W 4 G 2 320.00 320.00 AF 17071 00 IRR NK G 4000 -- SW SW NW 2700 4830 10 28 32W 2 B 2 Same 3717 - SW SW NW 2700 5122 10 28 32W Same 28195 00 IRR NK G* 2417 -- SW SW SW 63 5166 4 28 32W 2 320.00 AF 732.00 Total Net Quantities Authorized: Direct Storage Total Requested Amount (AF) = .00 .00 Total Permitted Amount (AF) = .00 .00 Total Inspected Amount (AF) = .00 .00 .00 Total Pro_Cert Amount (AF) = .00 Total Certified Amount (AF) = 3840.00 .00 Total Vested Amount (AF) = .00 .00 TOTAL AMOUNT (AF) = .00 3840.00 An * after the source of supply indicates a pending application for change for the file number. An * after the ID indicates a 15 AF exemption was granted for the file number. A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery. The number in the Batt column is the number of wells in the battery. Water Rights and Points of Diversion Within 1.00 miles of point defined as: 100.827600 West Longitude and 37.630331 North Latitude GROUNDWATER ONLY WATER USE CORRESPONDENTS: _______ File Number Use ST SR 3486 00 IRR NK G HERITAGE BEEF LLC > 2600 FLYNN DR > PARSONS KS 67357 6445 00 IRR NK G HERITAGE FEEDERS LP > 1506 ROAD 30 > SUBLETTE KS 67877 >-----10860 00 IRR NK G HERITAGE BEEF LLC > 2600 FLYNN DR

> PARSONS KS 67357

>					
A 14488 00 IRR NK G	- 0	showed	CP5	l.t.	
> KENNETH COX	Dun	Shower	010	dat	
>		spacing	+	5- 9'.	
> 1111 ROAD 90	Lhat	spacing	me		
> SUBLETTE KS 67877					
>					
A 17071 00 IRR NK G					
> M & D NICHOLS LLC					
>					
> 1738 ROAD 70					
> SUBLETTE KS 67877					
>					
A 28195 00 IRR NK G					
> KENNETH COX					

> 1111 ROAD 90					
> SUBLETTE KS 67877					
>					

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INPUTS	
Target Section Definition	and the second second
Section	9
Township	28
Range	32
Range Direction	W
Target Point Coordinates (NA	D27 or NAD83)
Target Longitude	-100.827600
Target Latitude	37.630330

Load Data and Compute

Instructions

- 1. Enter values for section, township, range and range direction.
- 2. Enter NAD27 or NAD83 longitude and latitude of target point.
- 3. Click "Load Data and Compute" button.
- 4. Use feet distances corresponding to datum of target point.

Loaded Section Data From LEOBASE using NAD83

Corner	Corner Latitudes	Corner Longitudes
SW	37.62021740	-100.83451633
NW	37.63486629	-100.83465329
NE	37.63492731	-100.81603758
SE	37.62017231	-100.81618963
Degrees Longitude per Foot		3.45276820E-06
Degrees Latitude per Foot		2.74626616E-06

Target Point Distances from Corners using NAD83 Corner Feet North(+)/South(-) Feet East(-)/West(+)

Corner	Feet North(+)/South(-)	Feet East(-)/West(+)	Target point is In Section
SW	3682	-2003	
NW	-1652	-2043	
NE	-1674	3349	
SE	3699	3305	

Loaded Section Data

From LEOBASE using NAD27

Corner	Corner Latitudes	Corner Longitudes
SW	37.62019300	-100.83407600
NW	37.63484200	-100.83421300
NE	37.63490300	-100.81559800
SE	37.62014800	-100.81575000
Degrees Longitude per Foot		3.45276708E-06
Degrees Latitude per Foot		2.74598553E-06

Target Point Distances from Corners using NAD27

Comer Leer M	run(+)/South(-) reet La	SI(-)/VVESI(T)
SW	3692	-1876
SW NW NE SE	-1643	-1915
NE	-1665	3476
SE	3708	3432

Target point is In Section

Difference (NAD83 Minus NAD27)

Corner	Corner Latitudes	Corner Longitudes
	0.00002440	-0.00044033
SW NW	0.00002429	-0.00044029
NE	0.00002431	-0.00043958
NE SE	0.00002431	-0.00043963

Difference (NAD83 Minus NAD27)

Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-9.26201820	-127.52894589
NW	-8 67683156	-127 51734805

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



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

February 19, 2019

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

Re:

Water Right File No. 28195

Dear Mr. Norquest:

This is to advise you that Kenny Cox 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 file.

We are delaying action on the change application to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

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

Sincerely,

Michael A. Meyer

Water Commissioner

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



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

February 4, 2019

CAROL HOLOVACH HC BOX 17 SUBLETTE KS 67877

RE:

Water Right, File No. 28195

Dear Madam:

This is to advise you that Kenny Cox has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to 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 place of use 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,

Michael A. Meyer

Water Commissioner

MAM

Pc:

Groundwater Management District No. 3

