Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
26575		C1	04	03
6. Status: Approved Deni	ed by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change: 1/15/19
8a. Applicant(s) Landowner New to system ROY BULLOCK & JANIE 10300 W CONNER RD GASTON IN 47342	Person ID 61228 Add Seq# 1 LOPER PIERCE	829 N N	stem E YOUNG MCCALL ST ES KS 67880-16	Person ID <u>27075</u> Add Seq#
8b. Landowner(s) New to system □	Person IDAdd Seq#	8d. WUC New to sy	stem □	Person ID Add Seq#
9. Documents and Enclosure(s): ☑ DW ☐ Anti-Reverse Meter ☐ Meter S ☐ Conservation Plan Date Require	Seal 🛚 Check Valve		─ ☑ Water Tube ☑ Dr	Comply: 12/31/20 iller Copy
10. Use Made of Water From:		To: _		
			Date Prepared: 1/15/1 : Date Entered:	9 ву: МАМ Ву:

File No. 26575		11. Coun	ty: HS	Ва	ısin: Ci	imarro	n Rive	er			S	tream:								ormation Co 1/331	ode:	Special Use:	
12. Points of Dive CHK MOD	rsion						<u>-</u>									and Q	uantity zed		A	dditional			!
DEL PDIV ENT	Qualifier	S	Т	R	ID		N	'W		Com	ment	(AKA I	Line)		Rate gpm		Quantit af	у	Rate		intity af	Overlap PD Files	
ENT	SESENW	2	28	36 W	/	27	12'	32	20'						1120)	320		112	0 3:	20	NONE	
DEL 50959	LOT 3 (NE	NW) 2	28	36 \	W	4	900'	37	00'						112	0	320		112	20 3	20	NONE	
																				·			
13. Storage: Rate			_ NF	Qua	ntity _					_ac/ft	Α	ddition	ıal Rat	e				NF	Addi	tional Qua	ntity		_ ac/ft
14. Limitation:		af/y	r at			9	gpm (_				cfs) w	hen co	mbine	d with	file n	umber	(s)						
Limitation:		af/y	/r at		====	<u> </u>	gpm (_				cfs) w	hen co	mbine	d with	file nu	umber	(s)						
15. 5YR Allocation	: Allocation	Type	Sta	art Yea	r		5 YR	Amou	nt		Amo	ount Ui	nit	_	Base	Acres		_ Co	omment .				
16. Place of Use CHK				NE1/4 NW1/4			V1/4			sv	V1/4		SE¼ To				Total	Owner	Chg?	Overlap 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 ¼	SW ¼	SE ¼					
NC						,														SEE 8a			
		-																					_
Base Acres:	Year:		Minimur	n Reas	onable	e Quar	ntity:											-					
Comments:																							

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

January 15, 2019

DONNIE YOUNG 829 N MCCALL ST ULYSSES KS 67880-1641

RE:

Approval of Application to Change the Point of Diversion

Water Right, File No. 26575

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:

ROY BULLOCK & JANIE LOPER PIERCE 10300 W CONNER RD GASTON IN 47342

GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 15th day of January, 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 26,575, dated 15th day of January, 2019 was mailed postage prepaid, first class, US mail to the following:

DONNIE YOUNG 829 N MCCALL ST ULYSSES KS 67880-1641

With photocopies to:

ROY BULLOCK & JANIE LOPER PIERCE 10300 W CONNER RD GASTON IN 47342

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.

than	100 feet	t, or if pl	lace of	use w	st be c	comple hange	eted. d, inclu	Comp ude a t	olete a topogra	I II othe aphic r	e r appl nap or	l icable detaile	porti ed plat	o ns. I showi	f chan ng the	ge in p author	ooint o rized a	f divers nd prop	ion is greater oosed point(s)
of di	version a	and/or p	olace o	f use.													RE	CE	IVED
						ľ	File No	o. <u>2657</u>	75					-			N() \ 2 9	2018
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	Name ar <u>829 N M</u>				-			ING											
	Phone N																		
	Name ar																		
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1	Owner o															-			
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	For Offic	e Use	Only:	Code		Fe	e \$ <u>2</u> {	00.00	TR	#		Re	eceipt	Date /	1-29	-18	Chec	k#_1&	, 33

-								
5.	Presently authoriz					LOT	3 (NEM)	W)
	One in the	-NW	_ Quarter of the	NE	Quarter of	the	10₩	Quarter
	of Section	2	, Township	28	South, Ra	nge	36	(W),
			, Kansas, <u>4900</u>					
	Authorized Rate	1120 GPM	Authorized Quantity	320 AF	Depth of we	II	(feet)	
			. <u> </u>					
			his point will be change					
ı	Proposed point of	diversion: (Co	mplete only if chang	ge is request	ted or if existing	point is be	tter described	by GPS)
l			_ Quarter of the					
	of Section	2	, Township	28	South, Ra	nge	36	(W),
			, Kansas, <u>2712</u>					
			Proposed Quantity _					
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L	Trillo politicio.	annonal from L		ATTOT WATOT TIE	into that will accor			
ہ ر	Presently authoriz	ed point of div	ereion:					
6.	One in the	ea point of aiv	Ougster of the	_	Quarter of	tha		Ouerter
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+	of Section	C 2 = t	Quarter of the _, Township , Kansas,	fort North	South, Ra	nge	41	(E/VV),
	10 10 1	County	, Kansas,	teet North .	Teet '	vvest of Sou	tneast corner	of section.
	Authorized Rate		Authorized Quantity		Depth of we	"	(feet)	
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			his point will be change	_			_	
	Proposed point of	diversion: (Co	mplete only if chang	<u>je is request</u>	ted or if existing	point is be	tter described	by GPS)
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	of Section		Quarter of the , Town s hip		South, Ra	nge		(E/W),
	in	County	, Kansas,	_ feet North	feet."	West of Sou	theast corner	of section.
	Proposed Rate		Proposed Quantity _		Proposed w	ell depth (fee	et)	
	This point is: Ad	ditional Well [Geo Center List o	ther water rig	thts that will use t	his point 🖳		<u> </u>
7.			the following reason	is?				
	(please be specific) <u>l</u>	oss of productio	n on old PD	30	0 200 100	North 0	100 200	300
					<u> </u>			
					_ ' _ ' _	` <u> </u>	_ ' _	¹ ∄
8.	If a well, is the test he	ole log attached?	Yes 🗌 No	300	<u> </u>		1 1 1 1	_
				200		_	T T	200
9.	The change(s) (was)	(will be) complet	ed by?			=		=
	December 7, 2018			100	<u>-</u> + +	=	+ 1 +	100
						Ξ		
10.	If the point of diversion	on is a well:				=		3
	(a) What are you go	ing to do with th	e old well?	West 0]	11/111 🛣 111/11	11 1111 1111 1111	│¹++ቯ O East
	To be about a				<u> </u>	Ξ		4
	To be plugged			100	<u> </u>	, <u>=</u> ,	+ 1 +	100
	(b) When will this be	e done? <u>Decemb</u>	er 7, 2018	100	= '	 	1 ' 1	1 3 100
						Ξ		킠
11.	Groundwater Manage	ement District re	commendation attache	d? 200	<u> </u>	1 = 1	+ 1 +	l — <u>∃</u> 200
	☐ Yes	⊠ No				Ξ		
					<u> </u>	ı .]
12.	Assisted by <u>cac</u>			30		0	100 200	300
132	If the proposed point	of diversion will b	e relocated more than	300		South	Scale: 1 hashmark	=10 ft
100	feet but within 2,640	<u>feet</u> of the existin	g point of diversion, at		e proposed point o	f diversion wi	Il be relocated	within 300 feet
	a topographic map	or aerial photo	graph. For groundw	ater of t	he existing point	of diversion,	indicate its lo	cation on the
	of the proposed poir	แร (เกษเนนเกิฐ นิงา nt of diversion ลเ	nestic) within one-half nd the names and ma	rrine diag ilina dive	gram shown abov ersion. (PLEASE	re iii relatio NOTE: The	on to the exist e "X" in cente	sung point of er of diagram
	addresses of the own	ners. For surfac	e water sources, show	the abo	ve represents	the preser	ntly authorize	ed point of
	names and addres	ses ot the lar	ndowner(s) one-half tream from your prop	mile dive sertv	ersion.)			
		upo	Jour prop	,				

lines

the existing point of diversion, complete the following:
ized place(s) of use identified in this application?
ed place(s) of use identified in this application be adversely ation.)
antial damage to property, public health or safety? tion.)
roundwater change in point of diversion greater than 300 feet, f the currently authorized place of use, or their duly authorized
tion and under penalty of perjury, that I am of lawfuled agent of the owner(s) to make this application on ication pertains. I further verify that the statements $\frac{17^{4}}{120}$
(Spouse)
(Please Print)
(Spouse)
(Please Print)
(Spouse)
(Please Print)
presence and sworn to before me this TTH day Notary Public
the applicable portions of the application form must be completed with ropriate owners' must be affixed to the application and notarized; and
E

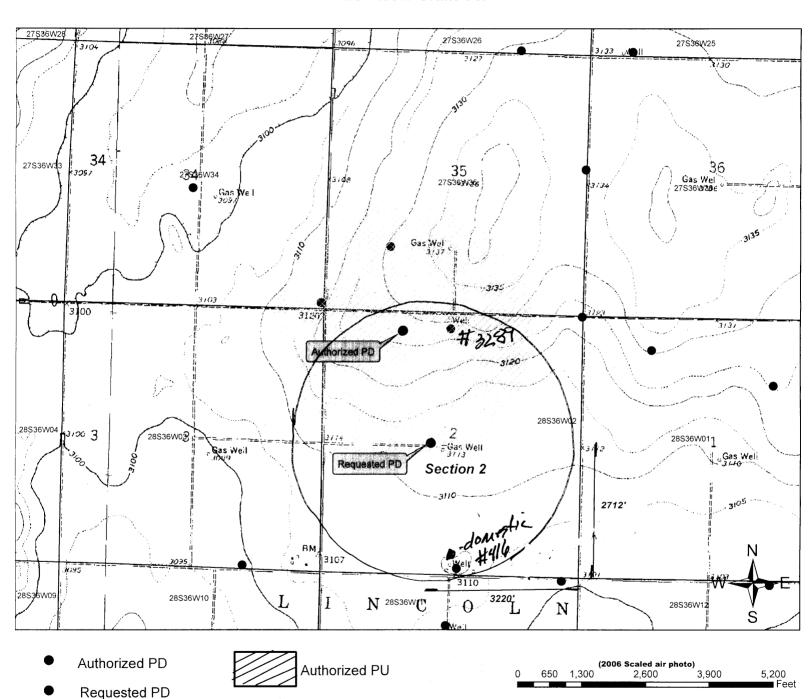
If the proposed groundwater point of diversion is	s 300 or fewer feet from the e	existing point of diversion, complete	the following:
(a) Does the undersigned represent all owners	of the currently authorized p		
	s must sign this application.)	and the second section is the small	antian ha advanaby
 (b) Will the ownership interest of any owner of affected if this application is approved as re			cation be adversely
(c) If this application is not approved expedition ☐ Yes ☐ No (If no, all owners	usly, will there be substantial s must sign this application.)	damage to property, public health o	r safety?
If the application proposes a surface water change in or a change in place of use, the application must be agent (attach notarized statement authorizing repres	signed by all owners of the o		
I hereby verify, being first duly sworn upon age and the owner, the spouse of the owner their behalf, in regards to the water right(s) contained in this application are true, correct	r, or a duly authorized ag to which this application of and complete.	gent of the owner(s) to make the on pertains. I further verify the	nis application on
Dated at GAROSiy City	, Kansas, this 27	day of <u>XUVEMBFN</u>	, 20/8
Janie Loper-Piorce	<u></u>	(Spouse)	
JANIE Loper-Vierce (Please Print)		(Please Print)	
(Owner)		(Spouse)	
(Please Print)		(Please Print)	
(Owner)		(Spouse)	
(Please Print)		(Please Print)	
State of Kansas County of SS			
I hereby certify that the foregoing application of, 20	n was signed in my pre	sence and sworn to before me	this 277H day
My Commission Expires 9-14-2	NOTARY PUBLIC - State of Kansas CATHERINE REINERT My Appt. Exp.	Athluc Runit Notary Public	
ONLY COMPLETE APPLICATIONS WILL BE PROCESSE accurate information; maps, if necessary, must be included the appropriate fee must be paid.	<u>:D.</u> To be complete, all of the ap I; signatures of all the appropriate	plicable portions of the application form e owners' must be affixed to the applicat	must be completed with ion and notarized; and
	FEE SCHEDULE		
Each application to change the place of use or the positive forth in the schedule below: Make checks payable to (1) Application to change a point of diversio (2) Application to change a point of diversio (3) Application to change the place of use.	o: Kansas Department of A on 300 feet or less	griculture	\$100 \$200

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro Wit Iimi	visions of the Kansas Water Appropriation Law, K.S.A. 82a. h the exception of those conditions expressly contained herei tations of File No	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 thereunde in, this Summary Order does not change the terms, conditions and
1.	A change application was received on	$\frac{29,20/3}{\text{ber be changed as described in the application.}}$
2.	On and after the effective date of this summary order, the au the topographic map accompanying the application to cha	thorized place(s) of use shall be located substantially as shown o ange the place of use. ☐ Applicable ☐ Not Applicable
3.	The change in point of diversion shall not impair existing riging previously authorized. The point of diversion authorized tradius of the authorized point(s) of diversion. Application	hts and shall be limited to the same source or sources of water a by this summary order shall be located within a ♣�� foo ole ☐ Not Applicable
4.	The point(s) of diversion described herein is administrative Positioning System (GPS), as described in the application	ely corrected to be more accurately described using the Globan. Applicable To Not Applicable
5.	The point(s) of diversion authorized herein shall not actually authorized point(s) of diversion. Applicable \(\subseteq \)	be located more than <u>2690</u> feet from the previouslot 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 measureme K.A.R. 5-6-13.	well with a diversion rate of 100 gallons per minute or more, a tub ents shall be installed, operated and maintained in accordance wit
7.	December 31, 20 /9 , 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 befor, 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 the reading of the water flow meter and the total quantity of water ing the end of each calendar year.
8.	authorized extension of time. By March 1, 20 20 the	completed on or before December 31, 20 // , or within an 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 Not Applicable
10.	with an in-line, automatic, quick-closing check valve capa	foreign substance will be injected into the water shall be equippe able of preventing pollution of the source of the water supply. The in accordance with K.A.R. 5-3-5c. ♣Applicable ☐ Not Applicabl
11.	Additional Conditions are attached. Yes You	·
12.	water appropriated under the above-referenced file numl limitations, as amended and/or supplemented by this Sur Appropriation Law and the Rules and Regulations promu	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 an mmary Order, and with applicable provisions of the <i>Kansas Wate</i> ulgated thereunder. Failure to comply with these provisions manended, and/or the suspension or revocation and dismissal of those authorized by law.
_	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
Agri	ineer or request administrative review by the Secretary of culture. A request for hearing by the Chief Engineer must be	By: Market A. My
filed	within 15 days of service of this Order and a request for hinistrative review by the Secretary must be filed within 30	Outy Authorized Designee of the Chief Engineer
day:	s pursuant to K.S.A. 77-531. Any request for administrative ew must state a basis for review pursuant to K.S.A. 77-527.	(Print Name):
File	any request with Kansas Department of Agriculture,	Date of Issuance: TANIMAN 15, 2019
66Š	al Division, 1320 Research Park Drive, Manhattan, KS 02. Failure to timely request a hearing or review may	State of Kansas
pred	clude review under the Kansas Judicial Review Act. For Use by Register of Deeds) SS
	Tor ose by Negister of Deeds	County of Finney)
		Acknowledged before me on January 15 2019
		by Michael A. Meyer
		Signature: Notary Public
		Grotal W upile
		My commission expire SUE KEENY (MyAppoin Breat) Expires
		June 8, 2022

File No.

Change in Point of Diversion File No(s).26575 T28 R36W Grant Co.



Requested PU

Point of Diversion

No other known wells.

Half Mile Radius

3795 W. Jones Ave. Garden City, KS 67845 PH: 620-277-2389

Street Address:

City, State:

County:

Location:

Rig#:

Customer Name: Dennie Young

10002

ULYSSES, KS.

Quarter: NW



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

PONNIE YOUNG CELL 620-353-4969

47880

Section:

WO#: 14629 Date: 11-1-18

Test #: 3 ELOG: Yes

Driller: Dale Guinn

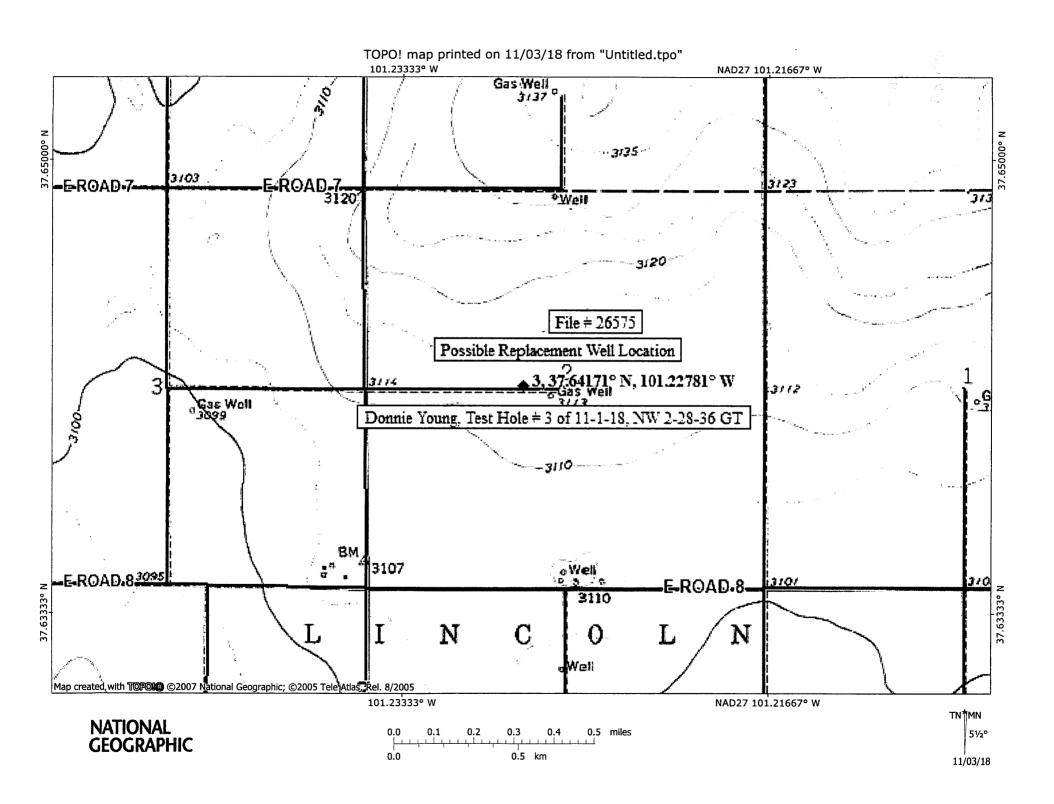
Township: 28 Range: 36

GPS: N 37,64171 W 101,22781

Elevation: 3/// Static WL: 399' Estimated?

Proposed Well Depth 767

				WELL LOCATION INCLUDING & O'SUMO
		Footage		
%	From	Pay	To	Description of Strata
	0		2	Top Soil
	12	<u> </u>	21	Brown Sandy Clay
	21		29	Fine Sand w / few clay stringers
	29		46	Brown Sandy Clay w/ some caliche & fine sand Mixed
	46		60	Fine Sand w/Some clay Stringers
	60		101	Sand fine to med course small inved gravel
	101	1	115	Sand fine to med
	115		150	Brown Clay
	150		169	Sand fine to med
	169		180	Brown Clay
	180		195	Sand fine to med few course
	195		203	Brown Clay
	203		228	Sand fine to med
	228		235	Brown Sandy Clay
	235		241	Sand fine few med
	241		244	Brown Sandy Clay
	244		232	Sand fine few mod
	252		262	Brown Sandy Clay w/some sand strips + 1: the light blue clay A.
	262		280	Sand fine to med
	280		308	Sand fine to med w/many clay stringers
	308		316	Sand fine to mad course
	316		340	Brown Clay w/little Blue Clay
	340		347	Sand fine to med course
	347		370	Brown Clay w/few fine sound strips
30	370	21	420	Sand fine to med course small groud w/ couple clay ledge
25	420	21	441	Sand fine to med course w/couple clay ladges
20	441	18	459	Sand fine to med course w/ some clay stringers
25	459	6	465	Sand fine to med course
10	1465	14	479	Fine Sand for med w/ some clay stringers
35	479	20	499	Sand fine to med compse w/Brown & Tan Rock
5	499	11	510	Sandstone & Sugastone
	510		519	Sospsions
	519		580	Shale \
	580		643	Shele w/ comple sondstone ledges
10	643	66	709	Sandstone wifew sogestone strips - used some water -
5	1709	38	747	Soupstone Grout -5
	747		760	Red Bent, Plug 1/4
	1			Super Gel X -5



STATE OF KANSAS

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



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

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

November 30, 2018

JERRELL D & ALFREDA P NIGHTINGALE 7600 E ROAD 8 ULYSSES KS 67880-8043

RE: Water Right, File No. 26575

Dear Madam or Sir:

This is to advise you that Donnie Young 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,

Michael A. Meyer

Water Commissioner

MAM

Pc: Groundwater Management District No. 3

Meyer, Mike [KDA]

From: Meyer, Mike [KDA]

Sent: Wednesday, December 19, 2018 9:45 AM
To: 'Norquest, Jason (Norquest@gmd3.org)'

Subject: recommendation for change applications, 18568 and 26575

Attachments: 20181219092225568.pdf; 20181219092143145.pdf

Jason

Good morning

See the attached files for request for a recommendation for two (separate projects) applications for change in point of diversion

thanks

Michael A. Meyer, L.G. Water Commissioner Kansas Department of Agriculture Division of Water Resources Garden City Field Office (620)-276-2901

My email has changed: mike.meyer@ks.gov

http://agriculture.ks.gov

STATE OF KANSAS

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



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

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

December 19, 2018

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

Re: Water Right File No. 26575

Dear Mr. Norquest;

This is to advise you that Donnie Young has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the place of use for the above referenced files.

We are delaying action on the change application to allow you time to review and provide a recommendation. Based on information in the files, it appears there are no wells within one half mile. Please submit a recommendation within 15 days.

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

Sincerely,

Michael A. Meyer Water Commissioner

MAM Enclosure



Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street Garden City, Kansas 67846

(620) 275-7147 phone (620) 275-1431 fax www.gmd3.org

January 6, 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 No. 26575

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 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 is used based on saturated thickness. 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, within a mile, shows no irrigation well had calculations determine that they could potentially be critical wells. All neighboring wells showed an effect of 2 feet or less. After review of the analysis showing minimal effects, 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>26575</u> .]	DWR office: <u>GC</u> .
App filed to change:	<u>PD</u>		
Is Landowner(s) corre	ect in WRIS	S: <u>Yes</u> .	
If NO, is docu	ımentation	included?	
Is Water Use Corresp	ondent cor	rect in WRIS	? Donnie Young.
If NO, is docu	ımentation	included?	
Regulation(s) Review	ed: KAR 5	1-23-3	
Point of diversion ID	No(s) <u>04</u>	_ being chan	ged.
ft.	. North	ft. West	
Authorized PD	4900	3700	Sect 2-28-36
Proposed PD	2712	3220	
Difference	2188 s	480 e	2240 022 ()
	4787344	230400	2240.032 foot move SE
GPS for proposed PD			Long: <u>W-101.22781</u> .
Is proposed PD stack	_	-	
Is Proposed PU overl	•	sting WRs? _	No change.
Land Owner(s) notifi	ed: <u>Yes</u> .		
Name		ame	
Address	Ad	ddress	
Zip	Zi	р	
Neighboring certified	l well(s) no	tified: Yes.	
Name	Na	ame	
Address	Ad	ddress	
Zip	Zi	р	•
Domestic well(s) not	ified:		
Name	Na	ame	
Address	A	ddress	
Zip	Zi	p	
Base Acres:			
Perfected Acres:			
Irr. Return-Flow	%		
Authorized 320AF (<u>@</u> 1120gpn	n.	
Spacing met to neig	hboring w	ells, greatly i	increasing spacing to WR3289.
Using the well analy	/sis, no wel	ls came up a	s critical and met minimum standards.
Is a waiver needed:	<u>No</u> .		
Final Recommendati	on: <u>After</u>	review of all	available information, it appears the change
meets all current area	ı rules. We	<u>ll analysis sh</u>	ows the change meets minimum criteria for
minimal effects to ne	ighboring v	wells. Staff t	herefore recommends approval of the
application.			

Evaluation of proposed moves for Water Right No. 26575

Proposed: Move water right no. 26575 about 2281 ft to the southeast.

Wells within 1 mile: 3289, 416, 9924, 24428, 21994, 16629, 15408, 3848, and 24478 & 25339 (combined).

Average saturated thickness in Section 2-28-36 is 155 ft (based upon water table elevation at monitoring well in section 9-28-36. Neighboring wells need to be evaluated if the total 50 year Theis effect from the proposed moves exceeds the drawdown allowance. In areas with less than 200 ft of saturated thickness, the drawdown allowance is 2.0 ft over 50 years.

50 year Theis Analysis: Note that 2 Theis equations are ran at each neighboring well to quantify effects at both the existing and proposed locations. The following parameters were used:

S = 0.2659, T = 70,043 gpd/ft, $tp_{current} = 100$ days (No observed rate was available, so 100 days operation was assumed), $Q_{current} = 311$ gpm (based upon average reported annual use of 137.4 AF pumped over 100 days), $tp_{proposed} = 65$ days, $Q_{proposed} = 1120$ gpm.

3289: $r_{current} = 987 \text{ ft}, r_{proposed} = 2352 \text{ ft}.$

Drawdown from current location = 1.70 ft

Drawdown from proposed location = 2.37 ft

Net drawdown = 0.7 ft

416: $r_{current} = 4941 \text{ ft, } r_{proposed} = 2662 \text{ ft.}$

Drawdown from current location = 0.60 ft

Drawdown from proposed location = 2.15 ft

Net drawdown = **1.6 ft**

9924: $r_{current} = 1753 \text{ ft}, r_{proposed} = 3513 \text{ ft}$

Drawdown from current location = 1.19 ft

Drawdown from proposed location = 1.75 ft

Net Drawdown = 0.6 ft

24428: $r_{current} = 1729 \text{ ft, } r_{proposed} = 2281 \text{ ft}$

Drawdown from current location = 1.20 ft

Drawdown from proposed location = 2.43 ft

Net drawdown = 1.2 ft

21994: $r_{current} = 3674 \text{ ft}, r_{proposed} = 4089 \text{ ft}$

Drawdown from current location = 0.72 ft

Drawdown from proposed location = 1.58 ft

Net drawdown = 0.9 ft

16629: $r_{current} = 5088 \text{ ft}, r_{proposed} = 4984 \text{ ft}$

Drawdown from current location = 0.59 ft

Drawdown from proposed location = 1.40 ft

Net drawdown = 0.8 ft

15408: $r_{current} = 6026 \text{ ft}, r_{proposed} = 3988 \text{ ft}$

Drawdown from current location = 0.53 ft

Drawdown from proposed location = 1.61 ft

Net drawdown = 1.1 ft

3848: $r_{current} = 6051 \text{ ft}, r_{proposed} = 3776 \text{ ft}$

Drawdown from current location = 0.53 ft

Drawdown from proposed location = 1.67 ft

Net drawdown = 1.1 ft

24478 &25339:

 $r_{current} = 5753$ ft, $r_{proposed} = 4472$ ft

Drawdown from current location = 0.53 ft

Drawdown from proposed location = 1.67 ft

Net drawdown = 1.0 ft

No net drawdowns exceed 2.0 ft, so no critical well evaluations are necessary.