Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number: 18201	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
10201		01		
6. Status: ☐ Approved ☐ Den	ied by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				1/27/2021
8a. Applicant(s)	Person ID <u>53434</u>	8c. Landown		Person ID
New to system ☐	Add Seq#	New to sy	rstem ∐	Add Seq#
CLAY B & NANCY J SCO 1773 N ROAD B ULYSSES, KS 67880	DTT			
8b. Landowner(s)	Person ID	8d. WUC		Person ID
New to system □	Add Seq#	New to sy	vstem □	Add Seq#
8a		8a		
9. Documents and Enclosure(s): 🛛 D'	WR Meter(s) Date to Comp	ly: <u>12/31/2021</u>	⊠ N & P Date to	Comply: 3/1/2022
☐ Anti-Reverse Meter ☐ Meter	Seal	⊠ N & P Form		oriller Copy ⊠ H & E Letter
☐ Conservation Plan Date Requi	red: Da	ate Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: 6/16/ 2 Date Entered:	2021 ву: АМ Ву:

File No. 18201	11. County: C	ЭT	Basin:	N F CIN	MARRO	N RIV	ER/		St	ream:								rmation Code: 1/331	Special Use:	
12. Points of Diversion CHK													Rate	and Q	uantity					
MOD DEL PDIV													A	Authori	zed		Ad	dditional		
ENT Qualifier	S	Т	R ID		'N	ʻW		Com	ment	(AKA I	_ine)		Rate gpm/c		Quantit af/mgy		Rate gpm/c		Overlap PD Files	
DEL 77957																				
ENT SE SW SE	21 2	8S 38	8W	6	2	187	2						850	1	640		850	640	NONE	
													**	*NOT	E RAT	E REI	DUCTIO	N***		
13. Storage: Rate	NI	F	Quantity					ac/ft	Ad	ddition	al Rat	e				NF	Addi	tional Quantity _		ac/ft
14. Limitation:	af/yr at				gpm (_				cfs) wh	nen co	mbine	d with	file nu	umber	(s)					
Limitation:	af/yr at				gpm (_				cfs) wh	nen co	mbine	d with	file nu	umber	(s)					
15. 5YR Allocation: Allocation	Туре	Star	t Year _		5 YR	Amou	nt		Amo	unt Ur	nit	_	Base	Acres		_ Co	omment _			
16. Place of Use CHK			NE1/4			NV	V1/4			sv	V¹/4			S	E1/4		Total	Owner Chg	? Overlap Files	
MOD DEL ENT PUSE S T R	ID	NE 1/4	NW SV	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1⁄4	NW 1/4	SW 1/4	SE 1/4	NE 1⁄4	NW 1/4	SW 1/4	SE 1/4				
CHK 38032																				
,																				
Base Acres: Year: Comments:	Mir	nimum	Reasona	ble Qua	ntity:								920							



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

Mike Beam, Secretary

Laura Kelly, Governor

June 16, 2021

CLAY B & NANCY J SCOTT 1773 N ROAD B ULYSSES, KS 67880

RE: Water Right, File No. 18201

Dear Sir or Madam:

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

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

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

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

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM:

enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 16th day of June, 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 18,201 dated 16th day of June, 2021 was mailed postage prepaid, first class, US mail to the following:

CLAY B & NANCY J SCOTT 1773 N ROAD B ULYSSES, KS 67880

Pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3

Division of Water Resources Staff

Submit completed application to: Kansas Department of Agriculture Division of Water Resources Field Office for your area. Call for address:

Topeka -- (785) 296-5733 Stafford -- (620) 234-5311 Stockton -- (785) 425-6787 Garden City -- (620) 276-2901 http://agriculture.ks.gov/dwr

DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended. Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

01 0	alveroion anaron p	1400 01	acc.															
					F	ile No	. 1820	1										CEIVED
																	JA	N 27 2021
1.	Application is he	ereby n	nade fo	or appr	oval o	f the C	hief E	nginee	er to ch	ange t	he (ch	eck or	ne or b	oth):				
					□ P	lace of	Use		\boxtimes	Point	of Dive	ersion				Divi	arden	City Field Office f Water Resource
	under the water	right w	vhich is	the su	ubject	of this	applic	ation ir	n acco	rdance	with t	he cor	ndition	s desc	ribed b	pelow.	31011 0	valer Resource
	The source of su	upply is	s:		⊠ G	round	water			Surfac	ce wate	er						
2.	Name and addre					& NAI	NCY J	SCOT	Т									
	1773 N ROAD E				80				- d due :									
	Phone Number: Name and addre				orroon	ondon												
	Name and addre	ess or	vvaler	Use C	orresp	onden	t. <u>SAI</u>	/IE AS	ABOV	/ <u>C</u>								
	Phone Number:	()					Fmail	addres	ss:								
3.	The presently a									_								
	Owner of Land -		•			BOVE												
		ADDRI	ESS:															
	(If there is more th	nan one	landow	ner, at	tach su	ppleme	ntal sh	eets as	neces	sary.)								
3	ес		NE	1/4			NV	V1/4			SV	V1/4			SE	=1/4		TOTAL
	Twp. Range	NE1/4	NW¼	SW1/4	SE¼	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE¼	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
											,							
4.	1.1			•					_	the pla	ace of	use be	e cnan	gea to	:			
	Owner of Land		ESS:															
	(If there is more th						ental sh	eets as	neces	sary.)		_						
			NE			i		V1/4			SV	N1/4			SI	E1⁄4		TOTAL
S	ec. Twp. Range	NE1/4			SE¼	NE1/4		SW1/4	SE1/4	NE1/4			SE¼	NE1/4			SE1/4	ACRES
							•			H	•							
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	For Office Use	Only:	Code		re	e » 🔨	,0.00	_ / /	#		Re	ceipt	Date !	~ 1	01	Cnec	K #	700

5.	Presently authorize	zed point o	of diversion:				
	One in the	SE	Quarter of the	SW	Quarter of the	SW	Quarter
	of Section	21	, Township	28	South, Range	38	(E/W),
			County, Kansas, <u>535</u>				
			Authorized Quantity _				
			D No. <u>04</u> GP:				
	☐This point will not	be changed		d as follows:	☐ No change, point better	described with GPS	as follows:
	Proposed point o	f diversion	: (Complete only if chang	e is request	ed or if existing point i	s better described	by GPS)
			Quarter of the				
	of Section	21	, Township	28	South, Range	38	(E/W),
			County, Kansas, <u>62</u>				
*	Proposed Rate _S	50 - 69	Proposed Quantity 🔽	74 - OF	Proposed well depti	n (feet)570)'
	This point is: A	dditional W	ell ☐ Geo Center List of	her water rig	hts that will use this poir	nt	
	Agreed 1	0 850	o GPW ph omusion	in Em	15/41/g no la		
6. [Presently authorize						
	One in the		Quarter of the		Quarter of the		Quarter
	of Section		, Township		South, Range		(E/W),
	in		Quarter of the Township Ounty, Kansas,	_feet North _	feet West of	Southeast corner	of section.
	Authorized Rate _		Authorized Quantity _		Depth of well	(feet)	
	(DWR use only: 0	Computer	D NoGPS	S	feet North	feet Wes	t)
			☐This point will be change				
	Proposed point of	f diversion	: (Complete only if chang	e is request	ed or if existing point i	s better described	by GPS)
	One in the		Quarter of the		Quarter of the		Quarter
	of Section		, Township		South, Range		(E/W),
	in		County, Kansas,	_feet North _	feet West of	Southeast corner	of section.
	Proposed Rate		Proposed Quantity		Proposed well depti	n (feet)	
	This point is: A	dditional W	ell ☐ Geo Center List of	ther water rig	hts that will use this poir	nt	
7.			ed for the following reasons	s?			
			PRODUCTION AT	30	0 200 100 Nort	th 100 200	300
	CONNENT FORT	DI DIVERS	1011				
				E		_ _	=
8.	If a well, is the test I	nole log atta	iched? X Yes \text{No}	200	- 4 + =	++++	200
0	The change(s) (was	م (مط النيد) م	Cud botalam				
9.	The change(s) (was	s)(will be) cc	impleted by?				
				100	/	- + +	100
10	If the point of divers	ion is a well			=		4
10.	(a) What are you g			West 0	= [11] 111 111 111 111 111 3	infundantundan	1+++ 0 East
	(a) What are you g	ong to do v	with the old well?	Ā		. 1 . 1	1
	PEUGGED / CAPPI	D Ma	e 22057 to	E	T . T . T . E		7
	(b) When will this b	e done?	Concurrent 10 car	ndetion	1 + + =	+ + +	100
	(-,		4,,22, 2, 3		=		/=
11.	Groundwater Manag	gement Dist	rict recommendation attached	! ? 200		-1+1+	200
	☐ Ye						=
					Į. Į. Į. Į.		I =
12.	Assisted by AM / Go	CFO		30		100 200	300
13a	If the proposed poin	t of diversio	n will be relocated more than sexisting point of diversion, att	300 ach 13b.lf th	Sout e proposed point of divers		

I3a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines

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

 If the proposed groundwater point of diversion is 300 or fewer feet from 	m the existing point of diversion, complete the following:
(a) Does the undersigned represent all owners of the currently author ☐ Yes ☐ No (If no, all owners must sign this application)	orized place(s) of use identified in this application? cation.)
 (b) Will the ownership interest of any owner of the currently author affected if this application is approved as requested? ☐ Yes ☐ No (If yes, all owners must sign this application) 	
(c) If this application is not approved expeditiously, will there be sub ☐ Yes ☐ No (If no, all owners must sign this applic	stantial damage to property, public health or safety? eation.)
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).	groundwater change in point of diversion greater than 300 feet, of the currently authorized place of use, or their duly authorized
I hereby verify, being first duly sworn upon my oath or affirmage and the owner, the spouse of the owner, or a duly authoritheir behalf, in regards to the water right(s) to which this appropriate in this application are true, correct and complete.	zed agent of the owner(s) to make this application on lication pertains. I further verify that the statements
Dated at Ulysses, this	27 day of January , 2021.
Clay Seoff (Owner) Clay Scott (Please Print)	Nancy Scott (Spouse) Nancy Scott (Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas County of Grant	
of NOTARY PUBLIC - STATE OF KANSAS CAMRIE SHEETS	ony presence and sworn to before me this 27 day
My Commission Expires 4-10-07	Notary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all caccurate information; maps, if necessary, must be included; signatures of all the apthe appropriate fee must be paid.	of the applicable portions of the application form must be completed with propriate owners' must be affixed to the application and notarized; and
FEE SCHEDU	<u>LE</u>
Each application to change the place of use or the point of diversion unde forth in the schedule below: Make checks payable to: Kansas Departme	
 (1) Application to change a point of diversion 300 feet or less (2) Application to change a point of diversion more than 300 feet 	\$100 \$200
(3) Application to change the place of use	\$200

SUMMAKT UKDEK APPKUVING APPLICATION FUK CHANGE AND IMPUSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, et seq. and other applicable provisions of the Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq., and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 18201 A change application was received on _______ 27,2021 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application. 2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on Not Applicable the topographic map accompanying the application to change the place of use. ☐ Applicable The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a radius of the authorized point(s) of diversion. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. ☐ Applicable ☒ Not Applicable 5. The point(s) of diversion authorized herein shall not actually be located more than _ feet from the previously authorized point(s) of diversion. Applicable \(\square\) Not Applicable As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with Applicable K.A.R. 5-6-13. ☐ Not Applicable The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 20_____, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. ☐ Not Applicable Applicable Installation of the works for diversion of water shall be completed on or before December 31, 20 \(\frac{1}{2}\), or within any authorized extension of time. By March 1, 20 ____ the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. **Applicable** ☐ Not Applicable The completed well log shall be submitted with the required notice. Applicable Applicable ☐ Not Applicable 10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. ☒ Applicable ☐ Not Applicable Additional Conditions are attached. X Yes ☐ No 12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the Kansas Water Appropriation Law and the Rules and Regulations promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law. Administrative Appeal and Effective Date of Order FOR OFFICE USE ONLY APPLICATION APPROVED AND If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, SUMMARY ORDER ISSUED you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for Duly Authorized Designee of the Chief Engineer administrative review by the Secretary must be filed within 30 Hustin days pursuant to K.S.A. 77-531. Any request for administrative (Print Name): review must state a basis for review pursuant to K.S.A. 77-527. Division of Water Resources - Kansas Department of Agriculture File any request with Kansas Department of Agriculture, 07 Date of Issuance: Legal Division, 1320 Research Park Drive, Manhattan, KS 66502. Failure to timely request a hearing or review may State of Kansas preclude review under the Kansas Judicial Review Act. SS For Use by Register of Deeds County of Acknowledged before me on JULIE JONES Signature: My Appointment Expires Notary Public N. N. E.O. December 15, 2022 PULIE JORES My commission expires: NUTARY : PUBLIC : (Notary Seal) 15, 2022

ADDITIONAL CONDITIONS TO SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS, Water Right, File No. 18,201

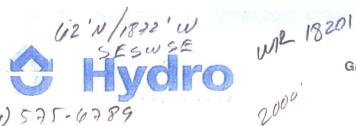
The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the following condition is included as a condition of the approval of this application for change in point of diversion.

This order effectively reduces the authorized maximum rate of diversion to a rate no to exceed 850 gallons per minute (1.89 c.f.s.) from the authorized point of diversion described herein.

		By:
		(Print Name): Austra Malock Division of Water Resources Kansas Department of Agriculture
		Dated of Issuance: Jone 16,2021
State of Kansas)) SS	
County of Finney)	
Acknowledged before	me on	the 16th day of June, 2021
By Austin	M	cholloch
Signature	Notary	Public
My Commission expir	es:	JULIE JONES My Appointment Expires Page 15, 2022

DWR 1-121 File No. _____18,201

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



PO Box 639

Garden City, KS 67846

Fax: 620-277-0224

MAR C 1 2019

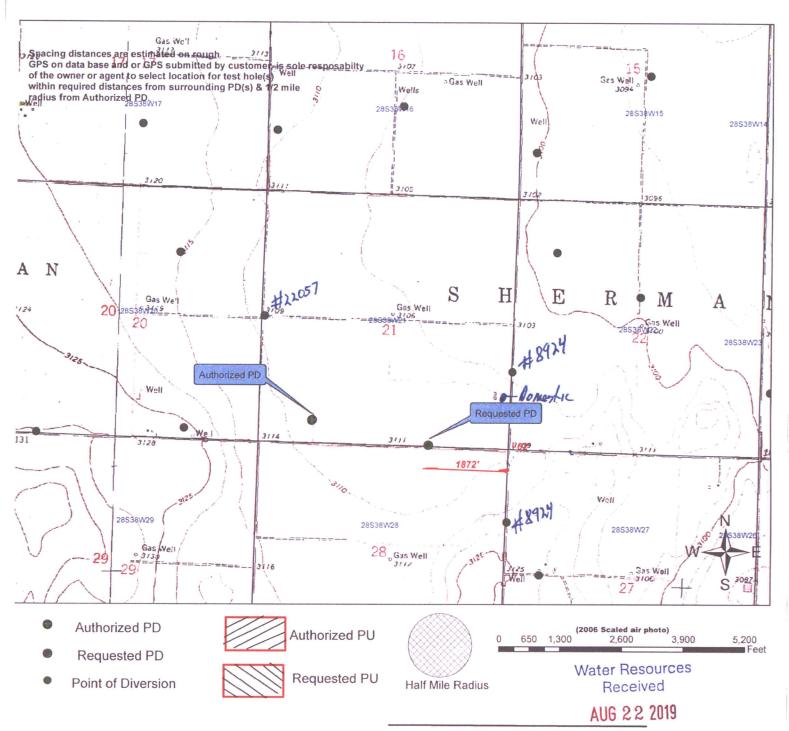
Phare (620) 575-6789

Customer N	ame:	Clay + Nancy S	tott		WO#:	14815	Date:	3/30/19
Street Addre		1173 N Rd B	•	Man Sec. (A) - M. Stea and S. C. College and S. College and S. C. College and S. Colleg	Test #:	7	E LOG:	
City, State:	Ī	Munner Ks 6788	36		Driller:	Dansi	Rizzel	
County: Go	CN	Quarter: Su)	Section:	21.	Township:	28	Range:	38
Location:		Bridge, State State and State and		GPS:	37.591229	N	101.4775300	()
Rig #:	(xx03		Elevation:	3110	Static WL:	290	Estimated?	lles
-					Proposed W	ell Depth		0

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	412	-	4/62	Shale (Startar, Clarx), linestone
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	474	St. on August	482	Sponstone, line stone
	482	,	496	Shale lingstrae (Ven. Hans 494.496)
100	496	17	513	Scopshise, Soud Stour
646	513	8	521	Sunstance Soonstone (for a la love) (Tollar Claus)
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J 10	GEL		364	Soonstare lineative
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		A.		
				Water Resources
				Received
				Allo do acco
-		1		AUG 22 2019

Domestic - cesar + Paula Segovia 1203 N. Read 1. Ulyins 45 67880

Change in Point of Diversion WR 18201 Section 21 T28 R38 Grant County



Applicant Signature

By signing this map the applicant is aware that no other wells தூற்கும். Ofmege Cidd is Hacetc) are within the 1/2 mile radius circle.

McColloch, Austin [KDA]

From:

Meyer, Mike [KDA]

Sent:

Monday, June 14, 2021 1:33 PM

To:

McColloch, Austin [KDA]

Subject:

FW: Sec 21-28-38

Mike

----Original Message-----

From: Clay & Nancy Scott <westacre@pld.com>

Sent: Monday, June 14, 2021 1:32 PM

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

Subject: Sec 21-28-38

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Follow per phone conversation today I agree to the limits/reduction change to water right gpm on new well

clay

Theis analysis of change in point of diversion, File No. 18,201

A fifty-year Theis analysis was used to evaluate the potential impacts of a change in point of diversion, File No. 18,201. The change proposes relocating one well approximately 2,370 feet east of its current location. File No. 18,201 authorizes diversion from both the Ogallala and Dakota aquifers. The contributing transmissivity of both aquifers was estimated using stratigraphic logs. It was estimated that the Ogallala Aquifer contributes 82% of total pumping. The average projected 2066 transmissivity (2,687 ft²/day) and average saturated thickness (60 feet) from the GMD No. 3 groundwater model for Sections 21 and 28, Township 28 South, Range 38 West were used. The specific storage was assumed to be 10⁻⁵, which resulted in an assumed storage coefficient of 0.0006. Maximum drawdown at File No. 8,924 under the proposed pumping scenario was compared to the average pumping over the past ten years (357 acre-feet) at the current location at the recent pumping rate of 750 gallons per minute, adjusted by a factor of 0.82. With these assumptions the drawdown at File No. 8,924 increases by 22.0 feet, which is 36.7% of the projected saturated thickness (Table 1). If the proposed pump rate is reduced to 848 gallons per minute (695 GPM from Ogallala) the net drawdown increases by 12.0 feet, or 20.0% of the projected saturated thickness (Table 2).

Table 1: Theis analysis of drawdown at File No. 8,924; T = 2,687 ft²/day; S = 0.0006, 1,325 GPM

		Total	Ogallala	Total	Ogallala	Ogallala	Ogallala
	Distance	Quantity	Quantity	Rate	Rate	Drawdown	Drawdown
Scenario	(Feet)	(Acre-Feet)	(Acre-Feet)	(GPM)	(GPM)	(Feet)	(%ST)
Proposed	2,453	640	524.8	1,325	1086.5	40.2	67.0%
Baseline	4,346	357	292.9	750	615.0	18.1	30.2%
		•			Net:	22.0	36.7%

Table 2: Theis analysis of drawdown at File No. 8,924; T = 2,687 ft²/day; S = 0.0006, 848 GPM

		Total	Ogallala	Total	Ogallala	Ogallala	Ogallala
	Distance	Quantity	Quantity	Rate	Rate	Drawdown	Drawdown
Scenario	(Feet)	(Acre-Feet)	(Acre-Feet)	(GPM)	(GPM)	(Feet)	(%ST)
Proposed	2,453	640	524.8	848	695.4	30.1	50.2%
Baseline	4,346	357	292.9	750	615.0	18.1	30.2%
					Net:	12.0	20.0%



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

March 26, 2021

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

RE: A

Application for Change in Point of Diversion

Water Right, File No. 18201

Dear Austin:

We have completed a review of the resubmitted 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 our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (3.0 ft in cases where saturated thickness range is between 125-150 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 two of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed further review. That evaluation showed that the only one well that could be considered critical. The effects to that well would be mitigated if the proposed well was limited to a rate not to exceed 1125gpm. Our office received no comments of concern from any of the other neighboring well owners. Therefore, GMD3 sees this move as reasonable and therefore recommend that the application be approved with a limitation for the proposed well not to exceed 1125gpm. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jason L. Norquest

Assistant Manager

GMD3 Change Review

File No(s)).: <u>18201</u> .	DWR of	fice: <u>GC</u> .
App filed	to change: PD		
Is Landov	wner(s) correct in WRIS: Clay ar	nd Nancy	Scott
If	NO, is documentation included?		
Is Water I	Use Correspondent correct in WRI	S?	
If	NO, is documentation included?		
Regulatio	n(s) Reviewed: KAR 5-23-3		
Point of d	liversion ID No(s) 04 being cha	nged.	
	ft. North ft. West		
Authorize		sect. 21	-28-38
Proposed			
Difference			e= 6
a2 + b2 =			67 foot move NE
	proposed PD: Lat: 37.59122		<u>101.47753</u> .
-	ed PD stacking on existing WRs?		
	ed PU overlapping existing WRs?	<u> </u>	
	ner(s) notified:		
	Leigh Farms Inc. % Helen Leigh (1177, 892	<u>24, 21292)</u> .
	6161 W Road 11.		
-	<u>Ulysses, KS 67880</u> .		
Email:i	mfarm@pld.com. Phone	620-35	<u>66-1565.</u>
Name	Mary E Hughes Revocable Trust	% Steven	Betts (5520).
Address	PO Box 16184.		
Zip	Lubbock, TX 79490.	D.I	007.017.0071
Email:	stevenpbetts@gmail.com.	Phone:	<u>806-317-0061</u> .
Manage	A - 41 C4 (24007)		
Name	Anthony Stevenson (24007).		
Address			
Zip	Ulysses, KS 67880.	Dhanai	620 252 5976
Email:	rundeere@pld.com.	Phone:	<u>620-353-5876</u> .
Nama	Securit Energy Management LLC	D/ D agulat	om Monogar (24259)
Name	Scout Energy Management LLC 94901 LBJ Freeway, Suite 300.	70Kegulati	ory Manager (34336).
Zip Email:	Dallas, TX 75244.	Dhonor	072 500 6252
Email:	ssequera@scoutep.com.	rnone.	<u>972-590-6353</u> .
Domastia	well(s) notified:		
Name	well(s) notified:		
Address	<u> </u>		
Addic22			

GMD3 Change Review

Zip	<u> </u>	
Base Acres	s:	
Perfected A	Acres:	
Irr. Return	-Flow%	

Application was first worked in 2019. Due to State issue over land ownership it was delayed and then dismissed and finally resubmitted now.

Loss of production in current well. Discussions with the applicant indicated that the best case for this area would be a 400gpm range.

Authorized 640AF @ 13325gpm.

10 year average use (2011-2020): 357.2AF/year

400gpm reported in 2018

Is a waiver needed: Minimum well spacing is met to neighboring certified wells and domestics. Move is less than half mile from current location. Analysis shows two wells could be critical, however the effects would be mitigated and below the critical well level for the area if rate was held to less than 1125gpm, which would be more than what is expected for the area.

Recommendation: The second time through the review, we did not receive any comments/calls from neighbors. After review of all available information, it appears current rules are met and applicant has stated he does not expect or plan to operate more than 400gpm (well below our calculated effect range). Staff therefore recommends approval of the application.

Report Date: Thursday, March 25 2021

Water Rights and Points of Diversion Within 1 mile of point defined as:

62 Feet N and 1872 Feet W of the Southeast Corner of Section 21 Twp 28S Rng 38W

Located at: 101.477977 West Longitude and 37.591238 North Latitude Both SURFACE WATER and GROUNDWATER

Both	SURFACE	5 W	ATER	and	1 G	ROUNDV	VATER										2300	on a "		
22 27																		Auth_Quan	-	
A																		489.00		
A								_	-									471.00		
A	1177																	1280.00		
A	5520								-									1400.00		
AF A	8924	00	IRR	NK	G		2455	_		CW	SW	1585	5215	22	28	38W	12	196.00	196.00	
AF Same							2520	/_		CW	NW	3665	5265	27	28	38W	4	419.00	419.00	
		00	IRR	NK	G*,	(-)	2372		SE	SW	SW	535	4190	21	28	38W	4	640.00	640.00	
AF A	21292	00	IRR	NK	G		2455	4		CW	SW	1585	5215	22	28	38W	13	111.00	111.00	
AF A	22057	00	IRR	NK	G		4257		SW	SW	NW	2704	5222	21	28	38W	2	511.00	511.00	
AF A	24007	00	IRR	NK	G		4986	_	SE	NW	NW	4194	4385	22	28	38W	3	538.00	538.00	
	34358	00	IND	NK	G		4977	1	SW	SE	SW	638	3495	28	28	38W	2	2.35	2.35	
AF																				

Total	Net Quanti	ties Au	thor	ized	: Direct	Storage	
Total	Requested	Amount	(AF)	=	.00	.00	So. 20 127.
Total	Permitted	Amount	(AF)	=	.00	.00	Spanny MET.
Total	Inspected	Amount	(AF)	=	.00	.00	1 0
Total	Pro Cert	Amount	(AF)	=	.00	.00	
Total	Certified	Amount	(AF)	=	6057.35	.00	
Total	Vested	Amount	(AF)	=	.00	.00	
TOTAL	AMOUNT		(AF)	=	6057.35	.00	

An * after the source of supply indicates a pending application for change under the file number.

An * after the ID indicates a 15 AF exemption was granted under the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the

The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1 mile of point defined as:

62 Feet North and 1872 Feet West of the Southeast Corner of Section 21 Twp 28S Rng 38W Located at: 101.477977 West Longitude and 37.591238 North Latitude Both SURFACE WATER and GROUNDWATER

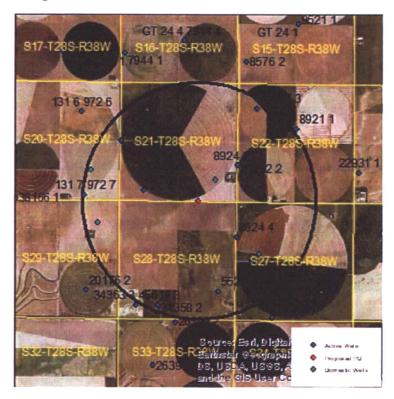
WATER USE CORRESPONDENTS:

File Number Use ST SR > CLAY B & NANCY J SCOTT > 1773 N ROAD B > ULYSSES KS 67880 > CLAY B & NANCY J SCOTT > 1773 N ROAD B G72 > ULYSSES KS 67880 > LEIGH FARMS LLC LEIGH FARMS LLC HELEN LEIGH

```
> 6161 W ROAD 11
> ULYSSES KS 67880
>-----
> MARY E HUGHES REVOCABLE TRUST
> STEVEN BETTS
                  5520
> PO BOX 16184
> LUBBOCK TX 79490
>-----
> LEIGH FARMS LLC
> HELEN LEIGH
> 6161 W ROAD 11
> ULYSSES KS 67880
                   18201 - Application
> CLAY B & NANCY J SCOTT
> 1773 N ROAD B
> ULYSSES KS 67880
>-----
> LEIGH FARMS LLC
> HELEN LEIGH
                  21292
> 6161 W ROAD 11
> ULYSSES KS 67880
> CLAY B & NANCY J SCOTT
                  22057 Applant
> 1773 N ROAD B
> ULYSSES KS 67880
>-----
> ANTHONY STEVENSON
                 24.00
> 3452 N C RD
> ULYSSES KS 67880
>-----
> SCOUT ENERGY MANAGEMENT LLC
> REGULATORY MANAGER
 4901 LBJ FREEWAY SUITE 300 34 358
> DALLAS TX 75244
```

Evaluation of proposed move for Water Right No 18201

Proposed: Move water right no. 18201 a distance of 2518 ft to the southeast.



Wells within 1 mile: 8924 & 21292, 22057, 131 & 972, 34358, 5520, 8924, 1177, 24007, a domestic well in section 21-28-38, a domestic well in section 29-28-38, and a domestic well in section 27-28-38.

The saturated thickness at the proposed well location is estimated to be 294 ft, based upon the driller's log and an observation well located in section 33-28-38. The GMD3 model predicts a saturated thickness of 128 ft and the driller's log appears to go deeper than Ogallala formation, so a thickness of 128 ft was used to determine allowable drawdown effects. For saturated thickness between 125 ft and 150 ft, the drawdown allowance is 3.0 ft.

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

S = 0.1382, T = 11,357 ft²/day, $tp_{current} = 158$ days (based upon average use and observed rate), $Q_{current} = 525$ gpm (based upon 2013 field inspection), $tp_{proposed} = 109$ days, $Q_{proposed} = 1325$ gpm

Theis drawdowns were calculated as follows:

8924 & 21292: Drawdown from current location = 1.79 ft

Drawdown from proposed location = 4.82 ft

Net drawdown = 3.0 ft

22057:	Drawdown from current	location = 2.47 ft
220071	Diditido titi itotti odili citt	

Drawdown from proposed location = 3.18 ft

Net drawdown = 0.7 ft

131 & 972: Drawdown from current location = 2.34 ft

Drawdown from proposed location = 2.89 ft

Net drawdown = 0.6 ft

34358: Drawdown from current location = 1.63 ft

Drawdown from proposed location = 2.95 ft

Net drawdown = 1.3 ft

5520: Drawdown from current location = 1.55 ft

Drawdown from proposed location = 3.34 ft

Net drawdown = 1.8 ft

8924: Drawdown from current location = 1.72 ft

Drawdown from proposed location = 4.83 ft

Net drawdown = 3.1 ft

1177: Drawdown from current location = 1.52 ft

Drawdown from proposed location = 3.65 ft

Net drawdown = 2.1 ft

24007: Drawdown from current location = 1.45 ft

Drawdown from proposed location = 3.00 ft

Net drawdown = 1.5 ft

Domestic 21-28-38: Drawdown from current location = 2.11 ft

Drawdown from proposed location = 7.02 ft

Net drawdown = 4.9 ft

Domestic 20-28-38: Drawdown from current location = 2.39 ft

Drawdown from proposed location = 2.93 ft

Net drawdown = 0.5 ft

Domestic 29-28-38:

Drawdown from current location = 2.41 ft

Drawdown from proposed location = 3.07 ft

Net drawdown = 0.7 ft

Domestic 27-28-38:

Drawdown from current location = 1.51 ft

Drawdown from proposed location = 3.69 ft

Net drawdown = 2.2 ft

Net drawdown exceeds the drawdown allowance of 3.0 ft for water right number 8924 and the domestic well in section 21-28-38, so critical well evaluation is necessary on those wells.

Critical Well Evaluation:

8924:

Water Column = 146.7 ft (No driller's log was available, so modeled saturated thickness was used.)

DP = 3.11 ft

DE = 44.1 ft

DD = 23.7 ft (S = 0.1086, T = 39,300 gpd/ft, Q = 349 gpm, tp = 114 days, efficiency = 70%)

DT = 70.9 ft

Economic Drawdown Constraint (EDC) = 146.7 ft * 0.4 = 58.7 ft

Physical Drawdown Constraint (PDC) = 146.7 ft - 60 ft = 86.7 ft

The EDC is more conservative than the PDC, so the maximum allowable drawdown is 58.7 ft. Total drawdown of 70.9 ft is greater than the maximum allowable drawdown, so this well is critical.

Domestic 21-28-38:

Water Column = 276 ft (from driller's log)

DP = 3.11 ft

DE = 44.1 ft

DT = 51.5 ft

Economic Drawdown Constraint (EDC) = 276 ft * 0.4 = 110.4 ft

Physical Drawdown Constraint (PDC) = 276 ft - 20 ft = 256 ft

The EDC is more conservative than the PDC, so the maximum allowable drawdown is 110.4 ft. Total drawdown of 51.5 ft is less than the maximum allowable drawdown, so this well is **not critical**.

Conclusion:

The well authorized under water right number 8924 is a critical well. It is possible that more information could determine that the well is deeper than estimated and therefore not critical. It is also unlikely that the proposed well will be capable of pumping water at the proposed rate of 1325 gpm. Limiting the rate pumped from the proposed well to 1125 gpm would reduce the 50 year net effect on water right number 8924 to 3.0 ft, which would meet the drawdown allowance criteria in the Drawdown Assessment Guidelines for GMD3. GMD3 staff recommends approval of this proposal, limiting the rate of the proposed well to 1125 gpm.



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

Mike Beam, Secretary

Laura Kelly, Governor

March 15, 2021

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

Change Application, File No. 18201

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Clay Scott and appears to be in proper form, for your review.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendation concerning this application. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

Austin McColloch

Assistant Water Commissioner

Enclosure

pc:



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

Mike Beam, Secretary

Laura Kelly, Governor

February 26, 2021

CESAR & PAULA SEGOVIA 1203 N RD D ULYSSES, KS 67880

RE:

Water Right, File No. 18201

Dear Sir or Madam:

This is to advise you that Clay Scott 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 applications. An irrigation well is proposed to be relocated to the SE½SW½SE¼ of Section 21, Township 28 South, Range 38 West, Grant County.

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

You are notified on this proposed point of diversion (well) so that you may furnish this office with any comments or other information you 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 contact this office. If you would prefer, you could arrange an appointment for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM: enclosures

pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3



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

Mike Beam, Secretary

Laura Kelly, Governor

February 26, 2021

LEIGH FARMS LLC Attn: HELEN LEIGH 6161 W ROAD 11 ULYSSES, KS 67880-1500

RE: Water Right, File No. 18201

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Sincerely.

Austin J. McColloch

Assistant Water Commissioner

AM:

enclosures

pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3

