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:
3652		C1	4	3
6. Status: Approved Den	ed by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				7/20/2022
8a. Applicant(s) New to system □	Person ID 36889 Add Seq#	8c. Landowne		Person IDAdd Seq#
JERRY & CHRISTY NICH 1738 ROAD 70 SUBLETTE, KS 67877-80				
8b. Landowner(s) New to system M MANFORD NICHOLS PO BOX 358 MONTEZUMA, KS 67867	Person ID 12824 Add Seq# -0358	8d. WUC New to sy	stem □	Person IDAdd Seq#
9. Documents and Enclosure(s): 🛛 DV	VR Meter(s) Date to Compl	y: 12/31/2022	N & P Date to	Comply: <u>3/1/2023</u>
☐ Anti-Reverse Meter ☐ Meter	Seal	⊠ N & P Form	☑ Water Tube ☑ Di	riller Copy 🛛 H & E Letter
☐ Conservation Plan Date Requir	ed: Da	te Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: 8/29/2 Date Entered:	022 Ву: АМ Ву:

File No	3652		11. County	: HS	Ва	sin: Al	RKAN	SASR	RIVER			S	tream:								ormation Code: 1/331	Special Use:	
12. Po CHK	ints of Dive	ersion														Rate	and Qu	uantity					
MOD	DD1) /															A	Authori	zed		A	dditional		
DEL	PDIV	Qualifier	S	Τ	R	ID	i	N	ʻW		Com	ment	(AKA	Line)		Rate		Quantity af	,	Rate		Overlap PD Files	
DEL	50345																						
ENT		SE SE SW	13	27S	32W		68	В	320	8						990		325		990	325	NONE	
											· · · · · · · · · · · · · · · · · · ·												
13. Sto	13. Storage: RateNF Quantityac/ft Additional RateNF Additional Quantityac/ft																						
14. Lim	14. Limitation: af/yr at gpm (cfs) when combined with file number(s)																						
Lim	Limitation: af/yr at gpm (cfs) when combined with file number(s)																						
15. 5YF	R Allocation	n: Allocation	Туре	_ St	art Yea	r		5 YR	Amou	nt		Amo	ount U	nit	_	Base	Acres		_ C	omment _			
16. Pla	ice of Use				NI	E1/4			NV	V1/4			SV	N¹/4			S	E1/4		Total	Owner Ch	g? Overlap Files	
MOD DEL ENT	PLISE	S T R	ID	NE		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				
CHK																							
Base A	cres:	Year:	N	/linimu	m Reas	onable	e Quar	ntity:															
Comme	ents:																						



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

Mike Beam, Secretary

Laura Kelly, Governor

August 29, 2022

JERRY & CHRISTY NICHOLS ETAL 1738 ROAD 70 SUBLETTE, KS 67877-8032

RE:

Filed Office Application for Change

Water Right, File No. 3652

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.

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.

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 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:

M Manford Nichols

GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 29th day of August, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 3,652 dated 29th day of August, 2022 was mailed postage prepaid, first class, US mail to the following:

JERRY & CHRISTY NICHOLS ETAL 1738 ROAD 70 SUBLETTE, KS 67877-8032

Pc:

M MANFORD NICHOLS PO BOX 358 MONTEZUMA, KS 67867-0358

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.

						F	ile No	. 3652										RE	CEIVED
																		JU	2 0 2022
1. A	pplication	on is he	reby r	nade f	or appi	oval o	f the C	hief E	nginee	er to ch	ange f	he (ch	eck or	ne or b	oth):		G	arden	City Field Office
						□ P	lace of	Use			Point	of Dive	ersion				DIVIS	sion of	Water Resource
u	nder the	water	right v	vhich is	s the s	ubject	of this	applic	ation i	n acco	rdance	with t	the cor	ndition	s desc	ribed b	elow.		
Т	he sour	ce of su	apply i	s:		⊠ G	round	water			Surfac	ce wate	er						
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	lame an							(1511	NICHC	JLS E	IAL								
	738 RO	-		-						addra									
	hone No																		
N	ame an	a adare	ess of	vvater	Use C	orresp	onden	t: <u>NO</u>	CHAN	IGE									
P	hone N	umber:	()					Email	addres	ss:								
	The presently authorized place of use is: Owner of Land NAME:																		
	ADDRESS:																		
(1	f there is							ntal sh	eets as	neces	sary.)								
				NE	1/4			NV	11/4			SV	V1/4			SE	=1/4		TOTAL
Sec.	Twp.	Range	NE1/4	NW1/4		SE1/4	NE1/4	NW¼		SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE¼	ACRES
																			And Annual College of the College of
		,								L									
4. If	this app	olication	n is for	a cha	nge in	place	of use,	it is p	ropose	ed that	the pla	ace of	use be	chan	ged to	:			
	wner of																		
				ESS:															
(1	f there is	more th	an one	landov	vner, at	tach su	ppleme	ntal sh	eets as	neces	sary.)								
				NE	Ξ1/4			NV	V1/4			SV	V1/4			SI	=1/4		TOTAL
Sec.	Twp.	Range	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE¼	ACRES

			L	L	L		L				L				IL				
															1			5	200
F	or Offic	ce Use	Only:	Code		Fe	e \$	200,0	OTR	#		Re	eceipt	Date_	1-21	0-29	Chec	k#	398

5.	Presently authorized point of diversion:				
	One in the SE Quarter of the	SW	Quarter of the	SW(Quarter
	of Section, Township	27	South, Range	32	W,
	in <u>HS</u> County, Kansas, <u>101</u> fe				
	Authorized Rate Authorized Quantity				
	(DWR use only: Computer ID No. 04 GPS _		feet North	feet West)	
	This point will not be changed This point will be changed a	s follows:	☐ No change, point better de	escribed with GPS as for	llows:
	Proposed point of diversion: (Complete only if change is				
	One in theSE Quarter of the	The I do not be a second of the last			
	of Section13, Township				
	in GY County, Kansas, 68 fe				
	Proposed Rate Proposed Quantity				
	This point is: Additional Well Geo Center List other				
ı	The pentite. The dedicate the second	· · · · · · · · · · · · · · · · · · ·			
6.	Presently authorized point of diversion:				
0.	One in the Quarter of the		Quarter of the	(Quarter
	of Section, Township		South Range		(F/\\\)
	in County, Kansas, fe	et North	feet West of S	outheast corner of se	ction
	Authorized Rate Authorized Quantity				Ction.
	(DWR use only: Computer ID No GPS_				
	This point will not be changed This point will be changed as				lowe.
	Proposed point of diversion: (Complete only if change is				
	One in the Quarter of the		Quarter of the		Zuarter
	of Section, Township	at Narth	South, Hange	authorat carner of ac	ction
	in County, Kansas, fe	et North _	teet vvest of S	outheast comer or se	Ction.
	Proposed Rate Proposed Quantity				
L	This point is: Additional Well Geo Center List other	r water rig	nts that will use this point _		·_
7.	The changes herein are desired for the following reasons?				
1.	(please be specific)		North		
			0 200 100 0	100 200 300	
				1	
8	If a well, is the test hole log attached? 🔀 Yes 🔲 No				
0.	The Well, to the test hole log attached?	200		+ +\ ==:	200
9.	The change(s) (was)(will be) completed by?		-/	\=	
		100		1 + 1 + 1 1	100
			1 ' ' ' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 1	
10.	If the point of diversion is a well:	#			
	(a) What are you going to do with the old well?	West 0	muluu kuuluu kuulu 🕸 u	100000000000000000000000000000000000000	0 East
	Plug Cap	A	=	7	
	3	100	1 + 1 + 1 =	+ + + + 1	100
	(b) When will this be done?	200	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	' ' ' / 3	
			1 + 1 + 1 =		
11.	Groundwater Management District recommendation attached?	200	-141-	+ +/ = :	200
	Yes No	Ē		_ /_ =	
40	A sectoral less		indundant militari		
12.	Assisted by	30		100 200 300 Scale: 1 hashmark=10 ft)
13a	a.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	13b.If the	e proposed point of diversion	n will be relocated with	nin a 300
	a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile	on th	radius of the existing point one diagram shown above in	relation to the existing	point of
	of the proposed point of diversion and the names and mailing	dive	rsion. The proposed point	of diversion must be	located
	addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile	withi	in the circle shown above. ter of diagram above	(PLEASE NOTE: The	e "X" in
	downstream and one-half mile upstream from your property		norized point of diversion.)	represents the p	looding
	lines		•		

14. 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)						
 (b) Will the ownership interest of any owner of the currently authori 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 subs ☐ Yes ☐ No (If no, all owners must sign this applic						
If the application proposes a surface water change in point of diversion, a or a change in place of use, the application must be signed by all owners agent (attach notarized statement authorizing representation).						
I hereby verify, being first duly sworn upon my oath or affirmating age and the owner, the spouse of the owner, or a duly authorize their 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, Kansas, this _	20 day of July , 20 22.					
(Owner)	(Spouse)					
(Please Print)	(Please Print)					
(Owner)	(Spouse)					
(Please Print)	(Please Print)					
(Owner)	(Spouse)					
(Please Print)	(Please Print)					
State of Kansas County of SS	by prosence and sworn to before me this 30 day					
I hereby certify that the foregoing application was signed in m	y presence and sworn to before me this 💆 day					
My Commission Expires December 15, 2022	Notary Public					
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of accurate information; maps, if necessary, must be included; signatures of all the appropriate fee must be paid.						
FEE SCHEDU	LE .					
Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: Kansas Department of Agriculture (1) Application to change a point of diversion 300 feet or less						

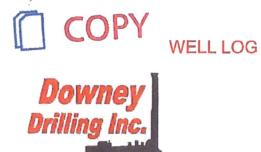
Page 3

DWR 1-121 (Revised 09/11/2019)

File No. _____

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro Wit	nis Summary Order is issued under authority of K.S.A. 82a-708 ovisions of the <i>Kansas Water Appropriation Law, K.S.A. 82a-7</i> 0 ith the exception of those conditions expressly contained herein, nitations of File No	01 et. seg., and rules and	regulations promulgated thereunder,			
1.	A change application was received on	requesting representations of the changed as describe	that the place of use and / or point of d in the application.			
2.	On and after the effective date of this summary order, the auth the topographic map accompanying the application to change					
3.	The change in point of diversion shall not impair existing rights previously authorized. The point of diversion authorized by radius of the authorized point(s) of diversion. ☒ Applicable	this summary order shall I	e same source or sources of water as be located within a foot			
4.	The point(s) of diversion described herein is administratively Positioning System (GPS), as described in the application.	y corrected to be more a ☐ Applicable ☑ Not Appl	ccurately described using the Global icable			
5.	The point(s) of diversion authorized herein shall not actually be authorized point(s) of diversion. ☑ Applicable ☐ Not	e located more than t Applicable	feet from the previously			
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a we or other device suitable for making water level measurement K.A.R. 5-6-13. ☐ Applicable ☐ Not Applicable	ell with a diversion rate of 1 ts shall be installed, operat	00 gallons per minute or more, a tube ed and maintained in accordance with			
7.	The owner of the authorized place(s) of use shall prop December 31, 20 , or before the first use of water, wo operated and maintained in accordance with K.A.R. 5-1-4 th K.A.R. 5-3-5e, the owner shall maintain records and report to diverted annually to the Chief Engineer by March 1 following Applicable	whichever occurs first. The prough 5-1-12. As required he reading of the water flow	e water flow meter shall be installed, by K.S.A. 82a-732, as amended, and wmeter and the total quantity of water			
8.	Installation of the works for diversion of water shall be completed on or before December 31, 20 , 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					
9.	The completed well log shall be submitted with the require	ed notice. Applical	ole			
10.	 All diversion works into which any type of chemical or other for with an in-line, automatic, quick-closing check valve capabl check valve(s) shall be installed, operated and maintained in 	e of preventing pollution o	f the source of the water supply. The			
11.	. Additional Conditions are attached. Yes No					
12.	In accordance with K.S.A. 82a-708a, as amended, and K.A.F. water appropriated under the above-referenced file numbe limitations, as amended and/or supplemented by this Sumn Appropriation Law and the Rules and Regulations promulg result in civil penalties pursuant to K.S.A. 82a-737, as ame water or appropriation right or any other enforcement action	er are responsible for com mary Order, and with appli gated thereunder. Failure anded, and/or the suspensi	pliance with its terms, conditions and cable provisions of the <i>Kansas Water</i> to comply with these provisions may			
	Administrative Appeal and Effective Date of Order		OFFICE USE ONLY			
lf yo	you are aggrieved by this order, pursuant to K.S.A. 82a-1901,		ON APPROVED AND Y ORDER ISSUED			
you	u may request an evidentiary hearing before the Chief gineer or request administrative review by the Secretary of	17 that M	1 ORDER ISSUED			
Agr	riculture. A request for hearing by the Chief Engineer must be	By: Umh " Il'aller				
adn	d within 15 days of service of this Order and a request for ministrative review by the Secretary must be filed within 30		Designee of the Chief Engineer			
	ys pursuant to K.S.A. 77-531. Any request for administrative riew must state a basis for review pursuant to K.S.A. 77-527.	(Print Name):	urces - Kansas Department of Agriculture			
File	e any request with Kansas Department of Agriculture, gal Division, 1320 Research Park Drive, Manhattan, KS		nost 29, 2022			
665	502. Failure to timely request a hearing or review may	State of Kansas)			
pre	For Use by Register of Deeds	County of Ainr) ss			
		Acknowledged before me	on Oumst 29 2022			
		by Austin	McColloch.			
		Signature:	lie James			
			Notary Public			
		My commission expires	JULIE JONES My Appointment Expires PUBLIC (Notaby Separal) 15, 2022			



D/	ATE:	6	/17	112	022

CUSTOMER NAME: JERRY NICHOLS

TH #3

LEGAL: SW 13-27S-32W

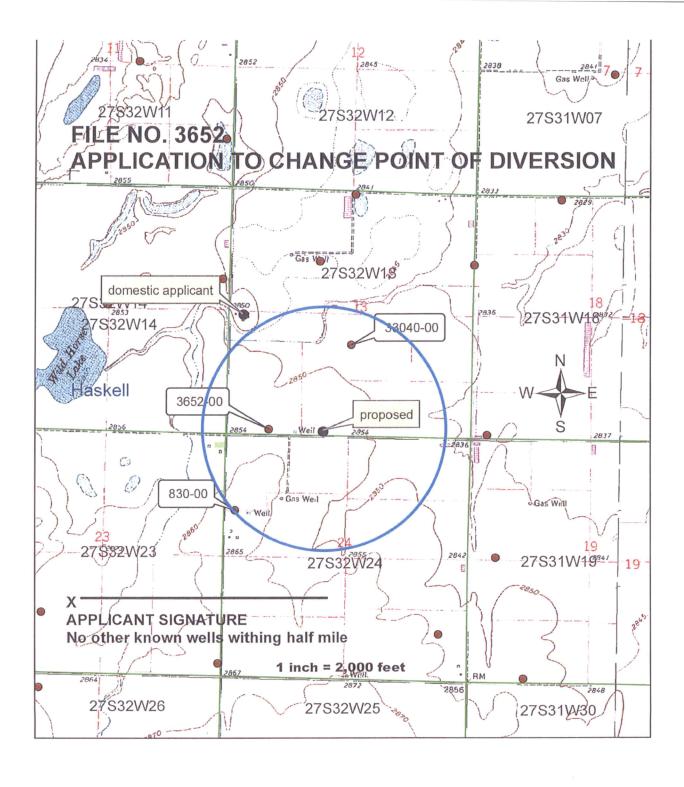
COUNTY: HASKELL CO, KS

GPS: 37.693081

-100.772619

DAY 1 6/16/22 600' DRILLER: DIEGO V WO: 21-1544 OTHER / DRILLING TW FROM TO TYPE HARDNESS COLOR SPEED PULL DOWN ACTION TOP SOIL SOFT BROWN FAST SMOOTH 14 BROWN SILTY CLAY BROWN SMOOTH SOFT FAST 14 20 FINE SAND W/ CALICHE WHITE VIBRATION FIRM FAST 20 45 SANDY CLAY SOFT TAN FAST SMOOTH 45 53 FINE-MED-COARSE SAND & SANDY CLAY FIRM TAN CHOPPY & SMOOTH 53 60 FINE-MED-COARSE SAND W/ CEMENTED SAND & FINE GRAVEL WHITE SLOW CHATTER STIFF 60 70 FINE-MED-COARSE SAND FIRM FAST FAST CHATTER 70 101 FINE-MED-COARSE SAND W/ FINE-MED GRAVEL STIFF FAST FAST CHATTER 101 124 FINE-MED-COARSE SAND W/ LIME ROCK & GRAVEL STIFF WHITE FAST FAST CHATTER BROWN 124 131 BROWN CLAY SOFT FAST SMOOTH 131 139 LIGHT GRAY CLAY SOFT SMOOTH GRAY FAST 139 155 FINE-MED-COARSE SAND FIRM FAST FAST CHATTER BROWN 155 165 STICKY FAST SMOOTH BROWN STICKY CLAY 165 166 FINE SAND SOFT FAST VIBRATION 166 174 BLUE CLAY SOFT BLUE YELLOW & SMOOTH 174 176 SLOW SMOOTH WEATHERED CLAY SOFT GRAY 176 196 FINE-MED-COARSE SAND FIRM FAST FAST CHATTER 196 198 SOFT YELLOW FAST SMOOTH YELLOW CLAY 198 SOFT FAST CHOPPY 204 FINE-MED SAND 204 238 BLUE CLAY SOFT BLUE FAST SMOOTH 238 241 FINE BLUE SAND SOFT BLUE FAST VIBRATION 241 245 BLUE CLAY SOFT BLUE FAST SMOOTH 245 253 FINE-MED BLUE SAND FIRM BLUE FAST CHOPPY FAST STIFF WHITE FAST CHATTER 253 284 FINE-MED-COARSE SAND W/ FINE GRAVEL & LIME ROCK 284 329 FINE-MED-COARSE SAND W/ CEMENTED SAND & FINE-MED GRAVEL STIFF WHITE SLOW CHATTER 329 340 STIFF WHITE FAST FAST CHATTER LIME ROCK W/ FINE-MED-COARSE SAND & FINE GRAVEL STIFF FAST CHATTER 340 365 FINE-MED-COARSE SAND W/ LIME ROCK TAN & FIRM SMOOTH & CHOPPY 365 391 SANDY CLAY W/ FINE SAND & CEMENTED SAND SLOW 391 400 SANDY CLAY W/ LIME ROCK & FINE SAND FIRM WHITE FAST SMOOTH & CHOPPY BROWN WHITE & **SMOOTH** 400 415 STICKY FAST BROWN STICKY CLAY FIRM FAST CHOPPY & SMOOTH 415 434 FINE SAND W/ LIME ROCK & SANDY CLAY LAYERS TAN STICKY SMOOTH 434 465 BROWN STICKY CLAY **SMOOTH & CHOPPY** 465 477 WEATHERED CLAY W/ BROWN ROCK & FINE SAND FIRM YELLOW SLOW FAST CHATTER 477 488 BROWN ROCK W/ FINE SAND STIFF BROWN FAST 488 505 SOFT SMOOTH SHALE

505	511	SOAPSTONE W/ FINE SAND	SOFT	GRAY	FAST		VIBRATION
511	515	IRON PYRITE W/ FINE SAND	HARD	GRAY	SEMI		CHATTER
515	588	SANDSTONE W/ FINE SAND & TRACE OF IRON PYRITE	STIFF	GRAY	FAST	T	FAST CHATTER
588	595	SOAPSTONE W/ FINE SAND	SOFT	GRAY	FAST		VIBRATION
595	618	SHALE	SOFT	BLUE			
				BLUE	SLOW		моотн
618	620	IRON PYRITE	HARD	BLUE &	SEMI		CHATTER SMOOTH &
620	646	SHALE W/ SOAPSTONE LEDGES	SOFT	GRAY	SLOW		VIBRATION
646	647	IRON PYRITE	HARD	+	SLOW		CHATTER
647	663	SHALE	SOFT	BLUE &	SLOW		SMOOTH &
663	687	SHALE W/ SOAPSTONE	SOFT	GRAY	SLOW		VIBRATION
687	745	SANDSTONE W/ FINE SAND & IRON PYRITE	STIFF	GRAY	FAST		AST CHATTER
745	763	SHALE	SOFT	BLUE	SLOW		вмоотн
763	776	TAN SANDSTONE	STIFF	TAN	SLOW		CHATTER
776	802	RED BED	STIFF	RED	SLOW		CHATTER
		6/17/22 @ 11:30AM RIG THROTTLED DOWN & TURNED OFF					
		QG - 9					
		WATER LOADS - 2 1/2					
		SA - 3/4					
		EZ MUD - 1/4					
		HOLE PLUG - 2		1			
	1	CS - 1			1		
					1		
-	 	PDC @ 800'					
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	-			-	-		
				-	-		



INPUTS	3
Target Section Definition	
Section	13
Township	27
Range	32
Range Direction	W
Target Point Coordinates (NAD27 or NAD83)
Target Longitude	-100.772619
Target Latitude	37.693081

Load Data and Compute

Instructions

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

Loaded Section Data From LEOBASE using NAD83 Corner Corner Latitudes Corner Longitudes 37.69294114 -100.77962827 SW NW 37.70768105 -100.77953724 NE 37.70746715 -100.76142362 SE 37.69289521 -100.76153057 Degrees Longitude per Foot 3.45613713E-06

Target Point Distances from Corners using NAD83 Corner Feet North(+)/South(-) Feet East(-)/West(+)
SW 51 -2028

Degrees Latitude per Foot

2.74623384E-06

NW -5316 -2002 NE -5239 3239 SE 3208 68

Loaded Section Data

From LEOBASE using NAD27								
Corner	Corner Latitudes	Corner Longitudes						
SW	37.69291700	-100.77919000						
NW	37.70765700	-100.77909900						
NE	37.70744300	-100.76098600						
SE	37.69287100	-100.76109300						
Degree	s Longitude per Foot	3.45613601E-06						
Dogran	a Latitude per Foot	2 7/5085535-06						

Target Point Distances from Corners using NAD27
| Corner Feet North(+)/South(-) Feet East(-)/West(+) | Target point is in Section

Collier 1 cer 14	mili-hoodill-) reer re	isti-hangsti.)
SW	60	-1901
NW	-5308	-1875
NE	-5230	3366
SE	76	3335

Difference (NAD83 Minus NAD27)

Corner	Corner Latitudes	Corner Longitudes
SW	0.00002414	-0.00043827
NW	0.00002405	-0.00043824
NE	0.00002415	-0.00043762
SE	0.00002421	-0.00043757

Difference (NAD83 Minus NAD27)

Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-8.79562025	-126.80858799
NW	-8.27749699	-126.79991631
NE	-8.32095698	-126.62222446
SE	-8.82262437	-126.60774741



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

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

August 22, 2022

RE:

RECEIVED

AUG 2 9 2022

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

Garden City Field Office
Application for Change in Point of Diversion

Water Resources

Water Right, File No. 3652

Dear Austin:

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 minimum spacing to neighboring wells and distance moved.

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 (4.0 ft with saturated thickness is greater than 200ft), 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 none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined in the area. We did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. 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>3652</u>.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Jerry & Christy Nichols ETAL.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? __.

If NO, is documentation included?

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

Point of diversion ID No(s) <u>04</u> being changed.

	ft. North	ft. West	
Authorized PD	101	4365	Sect 13-27-32
Proposed PD	68	3208	
Difference	33 s	1157 e	
a2 + b2 = c2	1089	1338649	1157.471 foot move

GPS for proposed PD: Lat: <u>37.693081</u> Long: <u>-100.772619</u>.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: ___.

Name Miller Trust %Henry W Miller (830, 1374, domestic).

Address 440 Road RR.

Zip Sublette, KS 67877.

Email: <u>lkvdeadeye@yahoo.com</u> Phone: <u>620-675-5563</u>.

Name Whirlwind Acres (11384, 31981, 44045, 44046).

Address PO Box 547.

Zip Sharon Springs, KS 67758.

Email: coxgabe@gmail.com Phone: 785-852-5010.

Name Lonnie & Janell Nichols (13875).

Address 2189 40th RD.

Zip Copeland, KS 67837.

Email: lonnienic@gmail.com Phone: 620-272-4915.

Name Steve & Karen Unruh (15101).

Address 650 WW RD.

Zip Copeland, KS 67837.

Email: sunruh2658@gmail.com Phone: 620-757-404.

Name John & Valetta Koehn (31916).

Address 1849 Road 70.

Zip Sublette, KS 67877.

GMD3 Change Review

Email: j-koehn@hotmail.com Phone: 620-287-3365. Name Robert M & Connie Nightengale Trusts (33040, 44048). Address 2225 50th RD. Zip Copeland, KS 67837. Email: bmnightengale@hotmail.com Phone: 620-668-5437. Domestic well(s) notified: ... Name Tristan & Vanessa Unruh (NE of 13). 1885 30th RD. Address Copeland, KS 67837. Zip Base Acres: . Perfected Acres: __. Irr. Return-Flow ____% **Haskell County** Authorized 325AF @ 990gpm. Reported water use (2012-2021): 162.4AF average.

Reported 300gpm on 2017 WUR

Not running during 2020 GMD3 inspection.

Current well around 490' depth. Proposed well 802'.

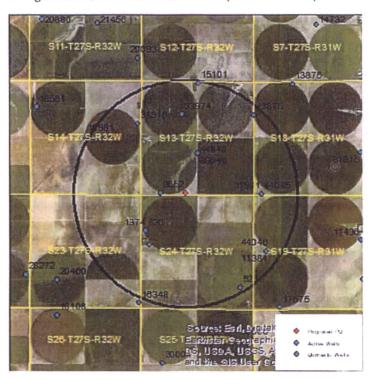
Is a waiver needed: <u>Move less than half mile</u>. <u>Minimum spacing to neighboring wells appears to be met</u>. <u>Analysis showed no critical wells found</u>.

Recommendation: <u>After review of all available information, appears current area rules are met.</u> Staff therefore recommends approval of the application.

Jm

Evaluation of proposed move for Water Right No. 3652

Proposed: Move water right no. 3652 to a new well location, a distance of 1,181 ft to the southeast.



Wells within 1 mile: 31916, 33974, 33040 & 44048, 13875, 31981 & 44045, 830 & 1374, 5215, 11384 & 44046, and a domestic well in section 24-27-32.

The saturated thickness at the proposed well location is estimated to be 207 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

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

S = 0.07477, T = 8048 ft²/day, $tp_{current} = 122$ days (based on average use and observed rate), $Q_{current} = 300$ gpm (based on 2017 water use report), $tp_{proposed} = 74$ days, $Q_{proposed} = 990$ gpm

Theis drawdowns were calculated as follows:

31916:

Drawdown from current location = 1.46 ft

Drawdown from proposed location = 2.79 ft

Net drawdown = 1.3 ft

33974:

Drawdown from current location = 1.37 ft

Drawdown from proposed location = 2.97 ft

Net drawdown = 1.6 ft

33040 & 44048:

Drawdown from current location = 1.72 ft

Drawdown from proposed location = 4.72 ft

Net drawdown = 3.0 ft

13875:

Drawdown from current location = 1.05 ft

Drawdown from proposed location = 2.41 ft

Net drawdown = 1.4 ft

31981 & 44045:

Drawdown from current location = 1.18 ft

Drawdown from proposed location = 3.06 ft

Net drawdown = 1.9 ft

830 & 1374:

Drawdown from current location = 2.04 ft

Drawdown from proposed location = 3.91 ft

Net drawdown = 1.9 ft

5215:

Drawdown from current location = 1.04 ft

Drawdown from proposed location = 2.34 ft

Net drawdown = 1.3 ft

11384 & 44046:

Drawdown from current location = 1.06 ft

Drawdown from proposed location = 2.50 ft

Net drawdown = 1.4 ft

Domestic 24-27-32:

Drawdown from current location = 1.77 ft

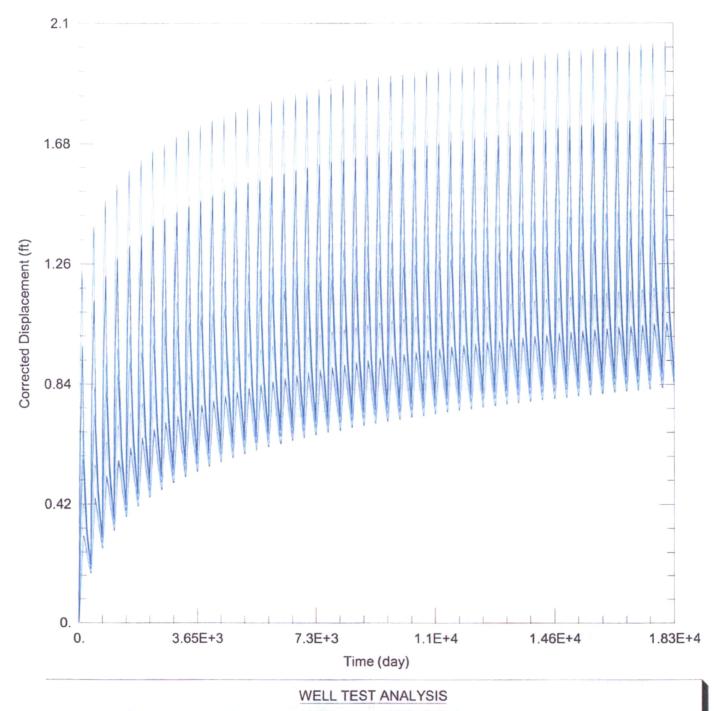
Drawdown from proposed location = 3.58 ft

Net drawdown = 1.8 ft

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



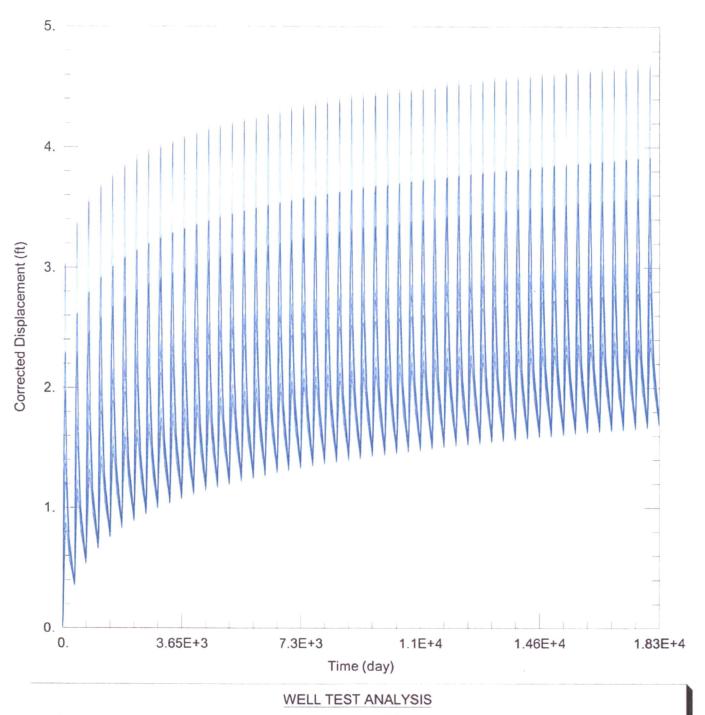
Data Set: C:\Users\trevora\Documents\2022_moves\3652\3652 Current.aqt
Date: 08/12/22 Time: 15:50:09

PROJECT INFORMATION

Company: GMD 3 Project: 3652 Location: Haskell County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
3652	6581	297907	G.	6581	297907
			0.10.10	====	



Data Set: C:\Users\trevora\Documents\2022_moves\3652\3652 Proposed.aqt
Date: 08/12/22 Time: 15:50:02

PROJECT INFORMATION

Company: GMD 3 Project: 3652

Location: Haskell County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
3652	7762	297875	D	7762	297875
		The second secon		A COLUMN TO THE RESIDENCE OF THE PARTY OF TH	



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

Mike Beam, Secretary

Laura Kelly, Governor

August 5, 2022

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

Re:

Request for Recommendation,

File No. 3652

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Jerry Nichols 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

July 21, 2022

ROBERT M & CONNIE NIGHTENGALE TRUSTS 2225 50TH RD COPELAND, KS 67837-7019

RE:

Application for Change

Water Right, File No. 3652

Dear Sir or Madam:

This is to advise you that Jerry Nichols 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 SE½ SE½ SW¼ of Section 13, Township 27 South, Range 32 West, Haskell County.

You can find the complete applications posted by water right file number as referenced above at: www.Agriculture.ks.gov/DWRNotices

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

July 21, 2022

MILLER TRUST Attn: % HENRY W MILLER, TRUSTEE 440 ROAD RR SUBLETTE, KS 67877-8064

RE:

Application for Change Water Right, File No. 3652

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Sincerely,

Austin J. McColloch

Assistant Water Commissioner

AM: enclosures

pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3