



File No. **3652**      11. County: **HS**      Basin: **ARKANSAS RIVER**      Stream:      Formation Code: **211/331**      Special Use:

12. Points of Diversion  
 CHK  
 MOD  
 DEL PDIV  
 ENT  
 Qualifier      S      T      R      ID      'N      'W      Comment (AKA Line)      Rate gpm      Quantity af      Rate gpm      Quantity af      Overlap PD Files

**DEL 50345**  
**ENT SE SE SW 13 27S 32W 68 3208 990 325 990 325 NONE**

13. Storage: Rate \_\_\_\_\_ NF      Quantity \_\_\_\_\_ ac/ft      Additional Rate \_\_\_\_\_ NF      Additional Quantity \_\_\_\_\_ ac/ft

14. Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_

15. 5YR Allocation:      Allocation Type \_\_\_\_\_      Start Year \_\_\_\_\_      5 YR Amount \_\_\_\_\_      Amount Unit \_\_\_\_\_      Base Acres \_\_\_\_\_      Comment \_\_\_\_\_

16. Place of Use CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files	
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼					
<b>CHK 23675</b>																										

Base Acres:      Year:      Minimum Reasonable Quantity:  
 Comments:

Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



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,

A handwritten signature in blue ink that reads "Austin J. McColloch".

Austin J. McColloch  
Assistant Water Commissioner

AM:  
enclosures

pc: M Manford Nichols  
GROUNDWATER MANAGEMENT DISTRICT NO. 3

**CERTIFICATE OF SERVICE**

On this 29<sup>th</sup> 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 29<sup>th</sup> 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.

File No. 3652

**RECEIVED**  
 11:00 AM  
 JUL 20 2022

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):

Place of Use                       Point of Diversion

under the water right which is the subject of this application in accordance with the conditions described below.

The source of supply is:                       Groundwater                       Surface water

Garden City Field Office  
 Division of Water Resources

2. Name and address of Applicant: JERRY & CHRISTY NICHOLS ETAL  
1738 ROAD 70, SUBLETTE, KS 67877-8032

Phone Number: (    )                      Email address: \_\_\_\_\_

Name and address of Water Use Correspondent: NO CHANGE

Phone Number: (    )                      Email address: \_\_\_\_\_

3. The presently authorized place of use is:

Owner of Land ---- NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES		
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼			

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land ---- NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES			
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼				

For Office Use Only: Code _____ Fee \$ <u>200.00</u> TR # _____ Receipt Date <u>7-20-22</u> Check # <u>1398</u>
-----------------------------------------------------------------------------------------------------------------

5. **Presently authorized point of diversion:**  
 One in the SE Quarter of the SW Quarter of the SW Quarter of Section 13, Township 27 South, Range 32 W, in HS County, Kansas, 101 feet North 4365 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 04 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the SE Quarter of the SE Quarter of the SW Quarter of Section 13, Township 27 South, Range 32 W, in GY County, Kansas, 68 feet North 3208 feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) 802  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

6. **Presently authorized point of diversion:**  
 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.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is 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 depth (feet) \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

7. The changes herein are desired for the following reasons?  
 (please be specific) \_\_\_\_\_  
 \_\_\_\_\_

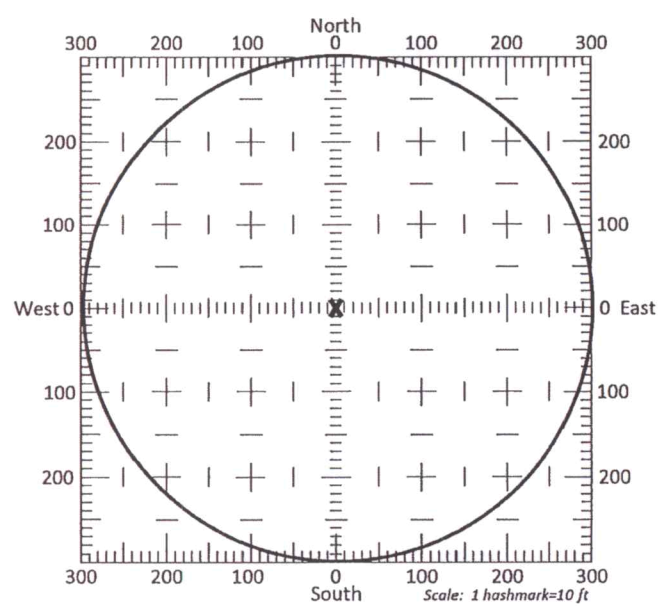
8. If a well, is the test hole log attached?  Yes  No

9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
Plug / Cap  
 (b) When will this be done? \_\_\_\_\_

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by \_\_\_\_\_



13a. 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

13b. 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.)

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:
- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?  
 Yes     No    (If no, all owners must sign this application.)
  - (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely 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 substantial damage to property, public health or safety?  
 Yes     No    (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.


Dated at Gardner City, Kansas, this 20<sup>th</sup> day of July, 2022.

<p><u>Jerry Nichols</u> (Owner)</p> <p><u>Jerry Nichols</u> (Please Print)</p> <p>_____</p> <p>(Owner)</p> <p>_____</p> <p>(Please Print)</p> <p>_____</p> <p>(Owner)</p> <p>_____</p> <p>(Please Print)</p>	<p>_____</p> <p>(Spouse)</p> <p>_____</p> <p>(Please Print)</p> <p>_____</p> <p>(Spouse)</p> <p>_____</p> <p>(Please Print)</p> <p>_____</p> <p>(Spouse)</p> <p>_____</p> <p>(Please Print)</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

State of Kansas }  
 County of Finney } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 20<sup>th</sup> day of July, 2022.

My Commission Expires \_\_\_\_\_



Julie Jones  
 Notary Public

**ONLY COMPLETE APPLICATIONS WILL BE PROCESSED.** To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

**FEE SCHEDULE**

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 . . . . .	\$100
(2) Application to change a point of diversion more than 300 feet . . . . .	\$200
(3) Application to change the place of use . . . . .	\$200



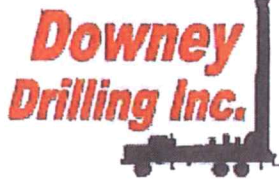




COPY

WELL LOG

DATE: 6/17/2022



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

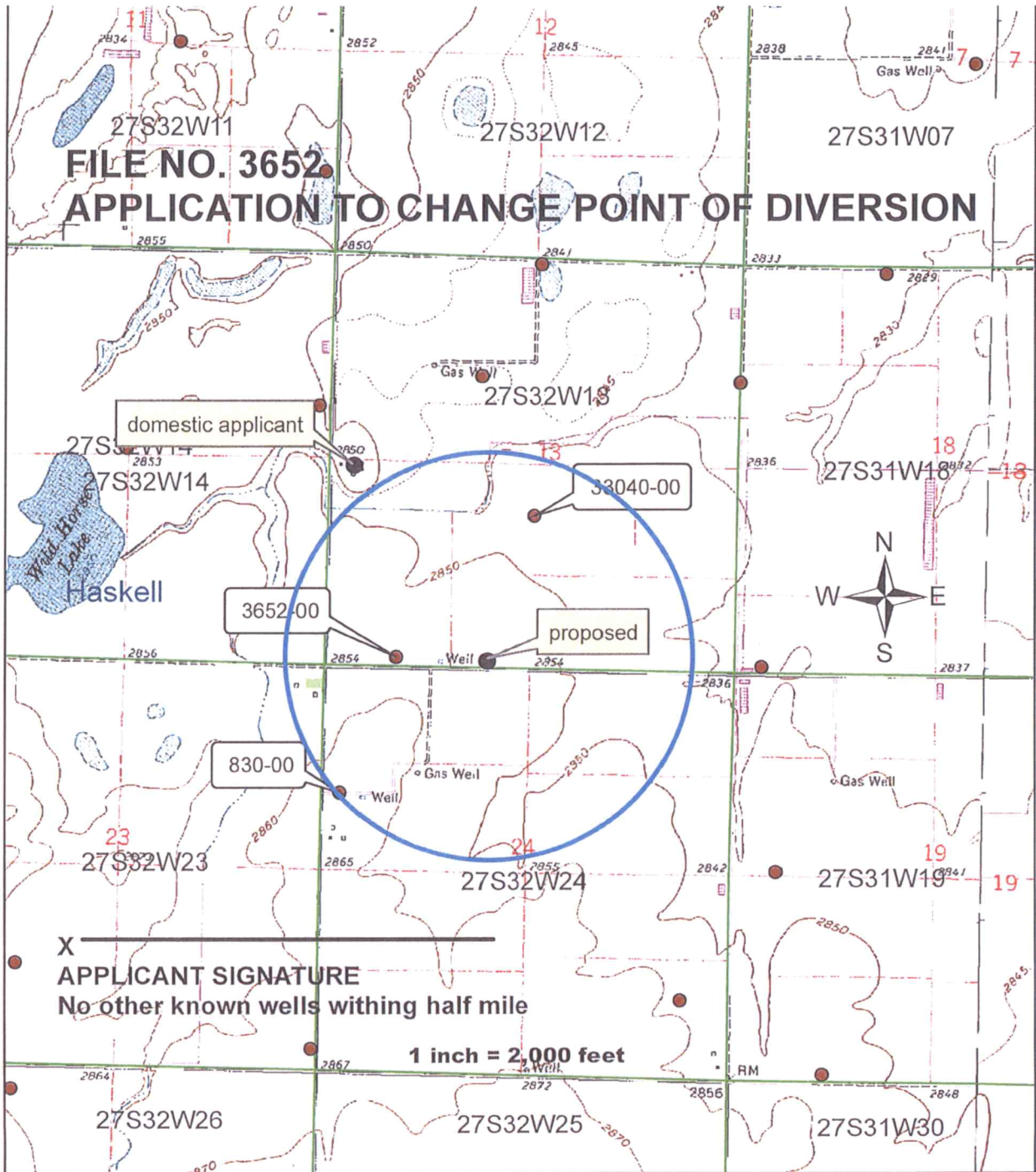
WO: 21-1544

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
0	3		TOP SOIL	SOFT	BROWN	FAST		SMOOTH
3	14		BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
14	20		FINE SAND W/ CALICHE	FIRM	WHITE	FAST		VIBRATION
20	45		SANDY CLAY	SOFT	TAN	FAST		SMOOTH
45	53		FINE-MED-COARSE SAND & SANDY CLAY	FIRM	TAN	FAST		CHOPPY & SMOOTH
53	60		FINE-MED-COARSE SAND W/ CEMENTED SAND & FINE GRAVEL	STIFF	WHITE	SEMI SLOW		CHATTER
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
124	131		BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
131	139		LIGHT GRAY CLAY	SOFT	LIGHT GRAY	FAST		SMOOTH
139	155		FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
155	165		BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
165	166		FINE SAND	SOFT		FAST		VIBRATION
166	174		BLUE CLAY	SOFT	BLUE	FAST		SMOOTH
174	176		WEATHERED CLAY	SOFT	YELLOW & GRAY	SEMI SLOW		SMOOTH
176	196		FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
196	198		YELLOW CLAY	SOFT	YELLOW	FAST		SMOOTH
198	204		FINE-MED SAND	SOFT		FAST		CHOPPY
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
253	284		FINE-MED-COARSE SAND W/ FINE GRAVEL & LIME ROCK	STIFF	WHITE	FAST		FAST CHATTER
284	329		FINE-MED-COARSE SAND W/ CEMENTED SAND & FINE-MED GRAVEL	STIFF	WHITE	SEMI SLOW		CHATTER
329	340		LIME ROCK W/ FINE-MED-COARSE SAND & FINE GRAVEL	STIFF	WHITE	FAST		FAST CHATTER
340	365		FINE-MED-COARSE SAND W/ LIME ROCK	STIFF	WHITE	FAST		FAST CHATTER
365	391		SANDY CLAY W/ FINE SAND & CEMENTED SAND	FIRM	TAN & WHITE	SEMI SLOW		SMOOTH & CHOPPY
391	400		SANDY CLAY W/ LIME ROCK & FINE SAND	FIRM	TAN & WHITE	FAST		SMOOTH & CHOPPY
400	415		BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
415	434		FINE SAND W/ LIME ROCK & SANDY CLAY LAYERS	FIRM	WHITE & TAN	FAST		CHOPPY & SMOOTH
434	465		BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
465	477		WEATHERED CLAY W/ BROWN ROCK & FINE SAND	FIRM	GRAY & YELLOW	SEMI SLOW		SMOOTH & CHOPPY
477	488		BROWN ROCK W/ FINE SAND	STIFF	BROWN	FAST		FAST CHATTER
488	505		SHALE	SOFT	BLUE	SLOW		SMOOTH



**FILE NO. 3652**

**APPLICATION TO CHANGE POINT OF DIVERSION**



X  
**APPLICANT SIGNATURE**  
No other known wells withing half mile

**1 inch = 2,000 feet**

INPUTS	
Target Section Definition	
Section	13
Township	27
Range	32
Range Direction	w
Target Point Coordinates ( <i>NAD27</i> or <i>NAD83</i> )	
Target Longitude	-100.772619
Target Latitude	37.693081

Load Data and Compute

**Instructions**

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

Loaded Section Data From LEOBASE using <i>NAD83</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.69294114	-100.77962827
NW	37.70768105	-100.77953724
NE	37.70746715	-100.76142362
SE	37.69289521	-100.76153057
Degrees Longitude per Foot		3.45613713E-06
Degrees Latitude per Foot		2.74623384E-06

Target Point Distances from Corners using <i>NAD83</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	51	-2028
NW	-5316	-2002
NE	-5239	3239
SE	68	3208

Target point is In Section

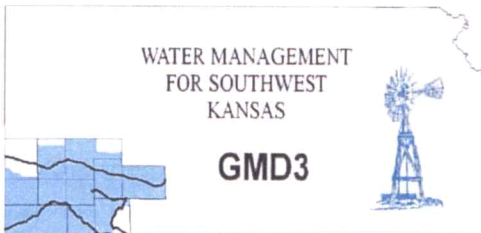
Loaded Section Data From LEOBASE using <i>NAD27</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.69291700	-100.77919000
NW	37.70765700	-100.77909900
NE	37.70744300	-100.76098600
SE	37.69287100	-100.76109300
Degrees Longitude per Foot		3.45613601E-06
Degrees Latitude per Foot		2.74598553E-06

Target Point Distances from Corners using <i>NAD27</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	60	-1901
NW	-5308	-1875
NE	-5230	3366
SE	76	3335

Target point is In Section

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

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

**RECEIVED**

**AUG 29 2022**

**Garden City Field Office  
Division of Water Resources**

RE: Application for Change in Point of Diversion  
Water Right, File No. 3652

Dear Austin:

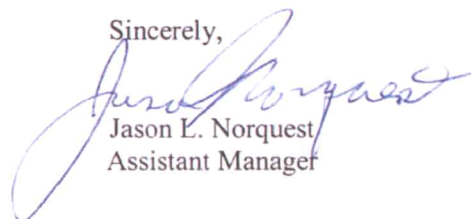
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

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,

A handwritten signature in blue ink, which appears to read "Jason L. Norquest", is written over the typed name and title.

Jason L. Norquest  
Assistant Manager

## GMD3 Change Review

---

File No(s): 3652. 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) 04 being changed.

	ft. North	ft. West	
Authorized PD	101	4365	Sect 13-27-32
Proposed PD	68	3208	
Difference	33 s	1157 e	
$a^2 + b^2 = c^2$	1089	1338649	1157.471 foot move

GPS for proposed PD: Lat: 37.693081 Long: -100.772619.

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: [lkvdeadeye@yahoo.com](mailto:lkvdeadeye@yahoo.com) Phone: 620-675-5563.

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

Address PO Box 547.

Zip Sharon Springs, KS 67758.

Email: [coxgabe@gmail.com](mailto:coxgabe@gmail.com) Phone: 785-852-5010.

Name Lonnie & Janell Nichols (13875).

Address 2189 40<sup>th</sup> RD.

Zip Copeland, KS 67837.

Email: [lonnienic@gmail.com](mailto:lonnienic@gmail.com) Phone: 620-272-4915.

Name Steve & Karen Unruh (15101).

Address 650 WW RD.

Zip Copeland, KS 67837.

Email: [sunruh2658@gmail.com](mailto:sunruh2658@gmail.com) Phone: 620-757-404.

Name John & Valetta Koehn (31916).

Address 1849 Road 70.

Zip Sublette, KS 67877.

## GMD3 Change Review

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Email: [j-koehn@hotmail.com](mailto:j-koehn@hotmail.com) Phone: [620-287-3365](tel:620-287-3365).

Name Robert M & Connie Nightengale Trusts (33040, 44048).

Address 2225 50<sup>th</sup> RD.

Zip Copeland, KS 67837.

Email: [bmnightengale@hotmail.com](mailto:bmnightengale@hotmail.com) Phone: [620-668-5437](tel:620-668-5437).

Domestic well(s) notified:   .

Name Tristan & Vanessa Unruh (NE of 13).

Address 1885 30<sup>th</sup> RD.

Zip Copeland, KS 67837.

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'.**

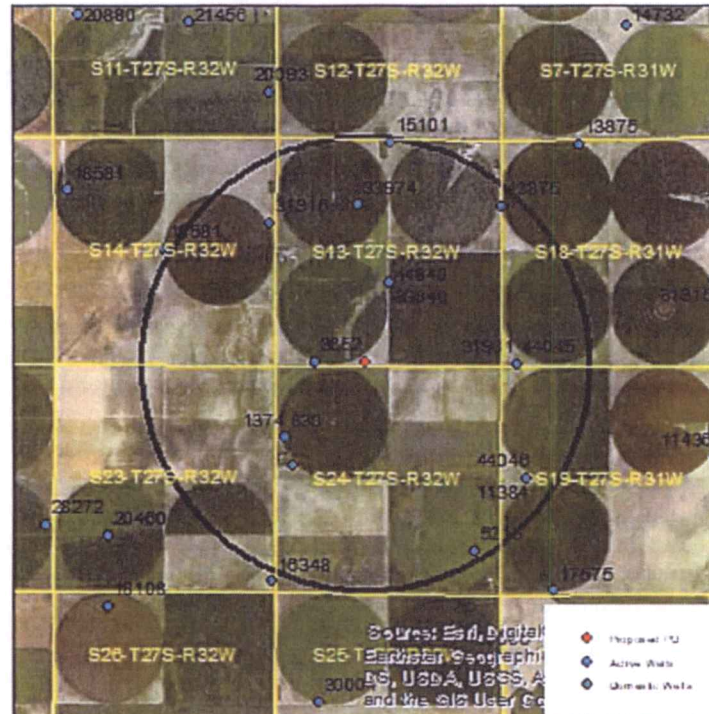
Is a waiver needed: Move less than half mile. Minimum spacing to neighboring wells appears to be met. Analysis showed no critical wells found.

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



## 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:

$S = 0.07477$ ,  $T = 8048 \text{ ft}^2/\text{day}$ ,  $tp_{\text{current}} = 122 \text{ days}$  (based on average use and observed rate),  
 $Q_{\text{current}} = 300 \text{ gpm}$  (based on 2017 water use report),  $tp_{\text{proposed}} = 74 \text{ days}$ ,  $Q_{\text{proposed}} = 990 \text{ gpm}$

Theis drawdowns were calculated as follows:

31916:	Drawdown from current location = 1.46 ft
	Drawdown from proposed location = 2.79 ft
	Net drawdown = <b>1.3 ft</b>
33974:	Drawdown from current location = 1.37 ft
	Drawdown from proposed location = 2.97 ft
	Net drawdown = <b>1.6 ft</b>



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**

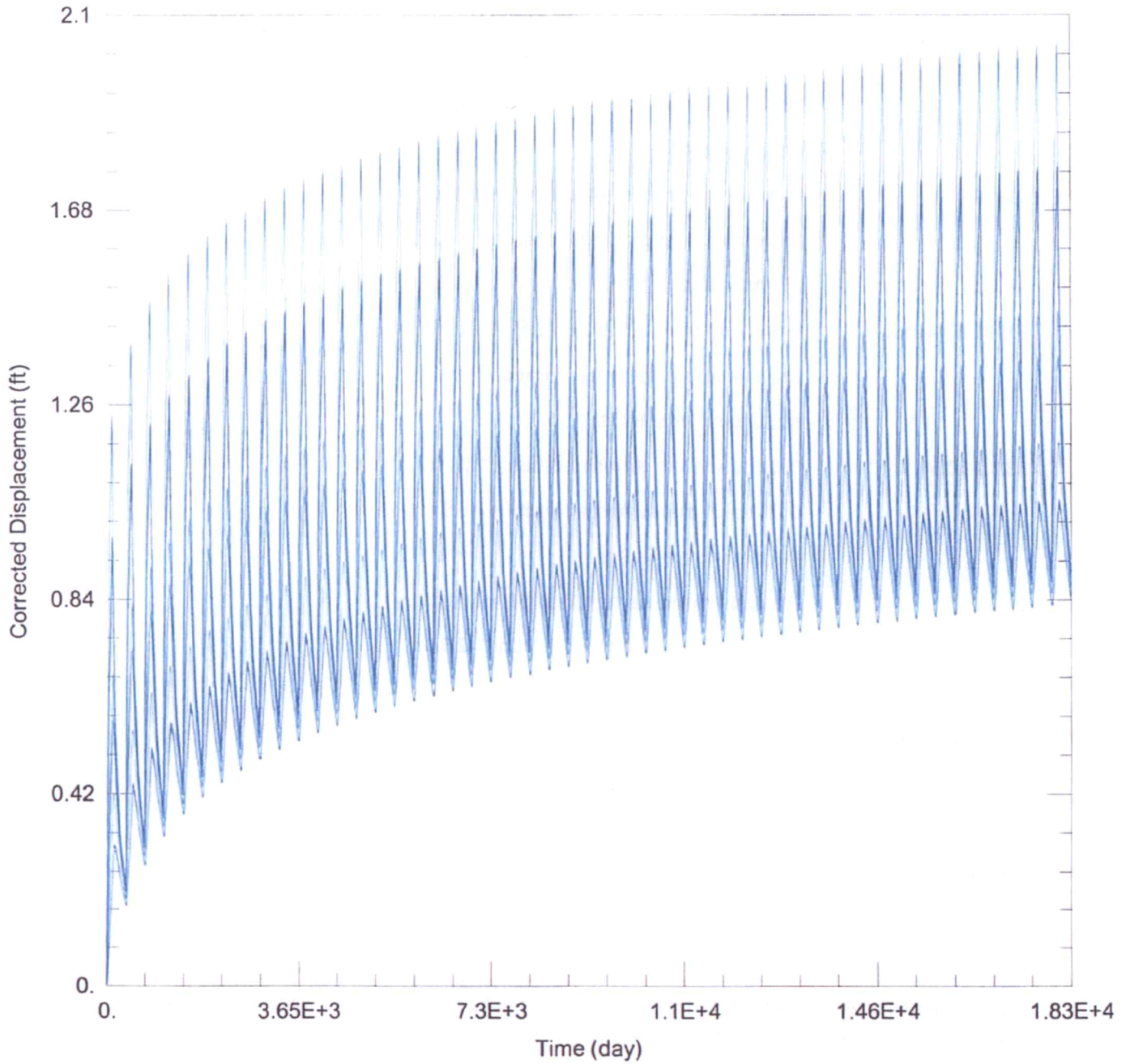
11384 & 44046: Drawdown from current location = 1.06 ft  
Drawdown from proposed location = 2.50 ft  
Net drawdown = **1.4 ft**

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.



**WELL TEST ANALYSIS**

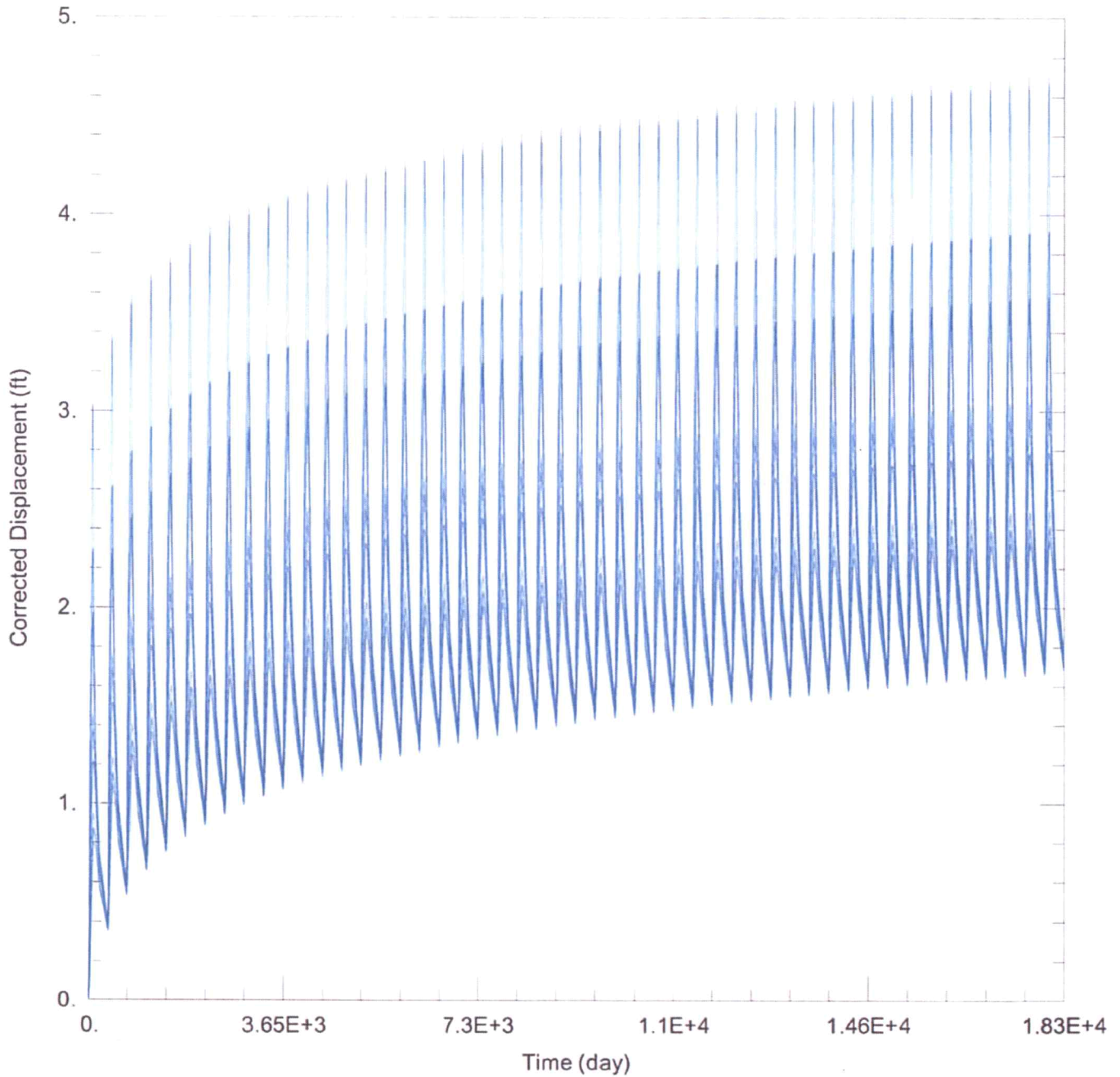
Data Set: C:\Users\trevora\Documents\2022\_moves\3652\3652 Current.aqt  
 Date: 08/12/22 Time: 15:50:09

**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		6581	297907



**WELL TEST ANALYSIS**

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	□	7762	297875

Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
[www.agriculture.ks.gov](http://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,

A handwritten signature in blue ink that reads "Austin McColloch".

Austin McColloch  
Assistant Water Commissioner

Enclosure  
pc:

Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
[www.agriculture.ks.gov](http://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 SE $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$  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](http://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,

A handwritten signature in black ink, appearing to read "Austin J. McColloch".

Austin J. McColloch  
Assistant Water Commissioner

AM:  
enclosures

pc:  
GROUNDWATER MANAGEMENT DISTRICT NO. 3

SCANNED

Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
[www.agriculture.ks.gov](http://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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Austin J. McColloch  
Assistant Water Commissioner

AM:  
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GROUNDWATER MANAGEMENT DISTRICT NO. 3

SCANNED