

Kansas Department of Agriculture  
Division of Water Resources  
**CHANGE: P/D WORKSHEET**

1. File Number: <b>27805</b>	2. Status Change Date:	3. Change Num: <b>C1</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: <b>5/20/2019</b>
8a. Applicant(s) New to system <input type="checkbox"/>  <b>JAMES W &amp; ANNE CULLISON PO BOX 367 SATANTA KS 67870-0367</b>		Person ID <b>25791</b> Add Seq# _____	8c. Landowner(s) New to system <input type="checkbox"/>  Person ID _____ Add Seq# _____	
8b. Landowner(s) New to system <input type="checkbox"/>  <b>CULLISON ET AL PO BOX 367 SATANTA KS 67870-0367</b>		Person ID <b>64717</b> Add Seq# _____	8d. WUC New to system <input type="checkbox"/>  <b>8a</b>  Person ID _____ Add Seq# _____	
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <b>12/31/2019</b> <input checked="" type="checkbox"/> N & P Date to Comply: <b>12/31/2020</b> <input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan    Date Required: _____    Date Approved: _____    Date to Comply: _____				
10. Use Made of Water    From: _____    To: _____				
Date Prepared: <b>5/30/2019</b> By: <b>AM</b> Date Entered: _____    By: _____				

File No. **27805**      11. County: **SV**      Basin: **CIMARRON RIVER**      Stream: \_\_\_\_\_      Formation Code: **200**      Special Use: \_\_\_\_\_

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

**DEL 6590**  
**ENT      NW NW NW      2      31S 35W      4870      5285      1590      943      0      0**

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

14. Limitation: **2232** af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) **8635,11016 & 18483 ON LAND DESCRIBED HEREIN**  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) **(NO CHANGE)**

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 39351</b>																									
<b>CHK 8471</b>																									
<b>CHK 39994</b>																									
<b>CHK 22025</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

May 30, 2019

JAMES W & ANNE CULLISON  
PO BOX 367  
SATANTA KS 67870-0367

RE: Water Right, File No. 27805

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.

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:  
GROUNDWATER MANAGEMENT DISTRICT NO. 3

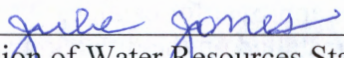
## CERTIFICATE OF SERVICE

On this 30<sup>th</sup> day of May, 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 27,805 dated 30<sup>th</sup> day of May, 2019 was mailed postage prepaid, first class, US mail to the following:

JAMES W & ANNE CULLISON  
PO BOX 367  
SATANTA KS 67870-0367

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.

File No. 27805

**RECEIVED**  
 11:15 AM  
 MAY 20 2019

Garden City Field Office  
 DIVISION OF WATER RESOURCES

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

2. Name and address of Applicant: JAMES W & ANNE CULLISON  
PO BOX 367, SATANTA KS 67870-0367  
 Phone Number: (620)649-2531                      Email address: thefarm@pld.com  
 Name and address of Water Use Correspondent: Same

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

3. The presently authorized place of use is:  
 Owner of Land ---- NAME: CULLISON ET AL  
 ADDRESS: PO BOX 367, SATANTA KS 67870-0367  
 (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 \$200.00 TR # \_\_\_\_\_ Receipt Date 5-20-19 Check # 19733



5. **Presently authorized point of diversion:**  
 One in the SE Quarter of the SW Quarter of the NW Quarter of Section 2, Township 31 South, Range 35 (W), in SV County, Kansas, 3200 feet North 4040 feet West of Southeast corner of section.  
 Authorized Rate 1590 gpm Authorized Quantity 943 AF Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 3 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 NW Quarter of the NW Quarter of the NW Quarter of Section 2, Township 31 South, Range 35 (W), in SV County, Kansas, 4870 feet North 5285 feet West of Southeast corner of section.  
 Proposed Rate 1590 gpm Proposed Quantity 943 AF Proposed well depth (feet) 580  
 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) well lost production

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

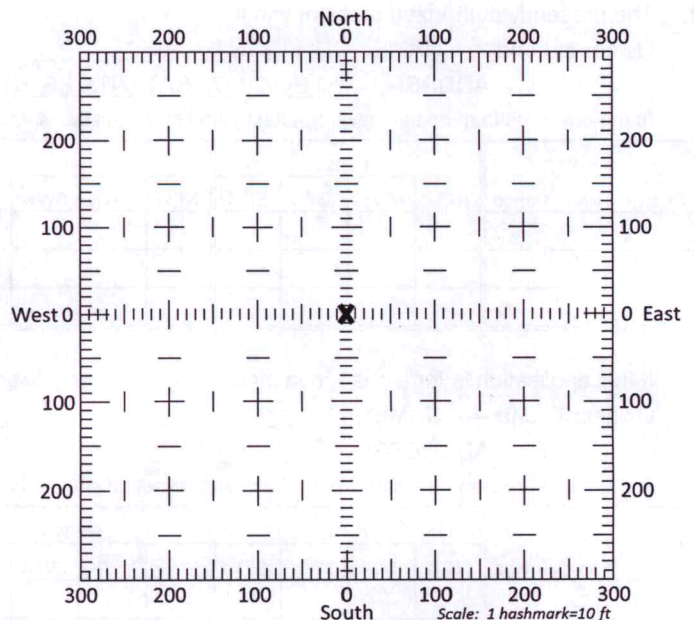
9. The change(s) (was)(will be) completed by?  
2019 calendar year

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
plus  
 (b) When will this be done? after new well is drilled

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by mf/GCFO

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 300 feet of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. (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 Darden City, Kansas, this 20<sup>th</sup> day of May, 2019.

J.W. Cullison  
 (Owner)

\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)

J.W. Cullison  
 (Owner)

\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Owner)

\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)

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 May, 2019.

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



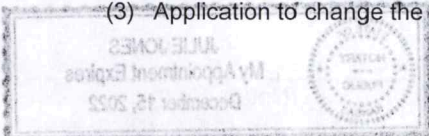
Julie Jones  
 Notary Public

**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









Sec. \_\_\_\_\_ Blk \_\_\_\_\_

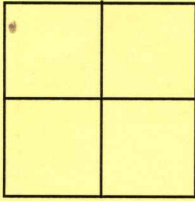
Survey \_\_\_\_\_ Co. STEVENS

N. 37.38645' W. -101.10411'



No. 25367

P.O. Box 784  
Sunray, Texas 79086  
(806) 948-4421



JIM CULLISON

NW 2

Test  Waterwell

DATE 5/17/19

NO. 2-19

FROM	TO	DESCRIPTION	SAND
		Problem w/ circulation 462"	
0	60	top soil, sandy clay + sticky clay 15' to 60'	
60	320	fine, med + coarse sand w/ clay strips.	
320	340	fine, med + coarse sand	20
340	360	fine, med + coarse fairly loose sand	20
360	380	fine, med and coarse fairly loose sand	20
380	400	fine to med fairly loose sand w/ little clay mix	20
400	420	fine to med fairly loose sand w/ clay strips.	19
420	440	med fine fairly loose sand	20
440	460	fine to med fine fairly tight sand w/ rock strips + clay	16
460	480	fine little tight to tight sand	20
480	500	fine little tight yellow sand	20
500	520	fine fairly tight <sup>white</sup> sand	20
520	540	fine little tight sand w/ clay strips.	18
540	560	fine little tight sand	20
560	580	fine little tight sand to Red Clay	18
580	600	Red Clay w/ hard shale	
		1 dragbit	
		1 SK Hulls.	
		1/4 SK 6611V	

RECEIVED

20

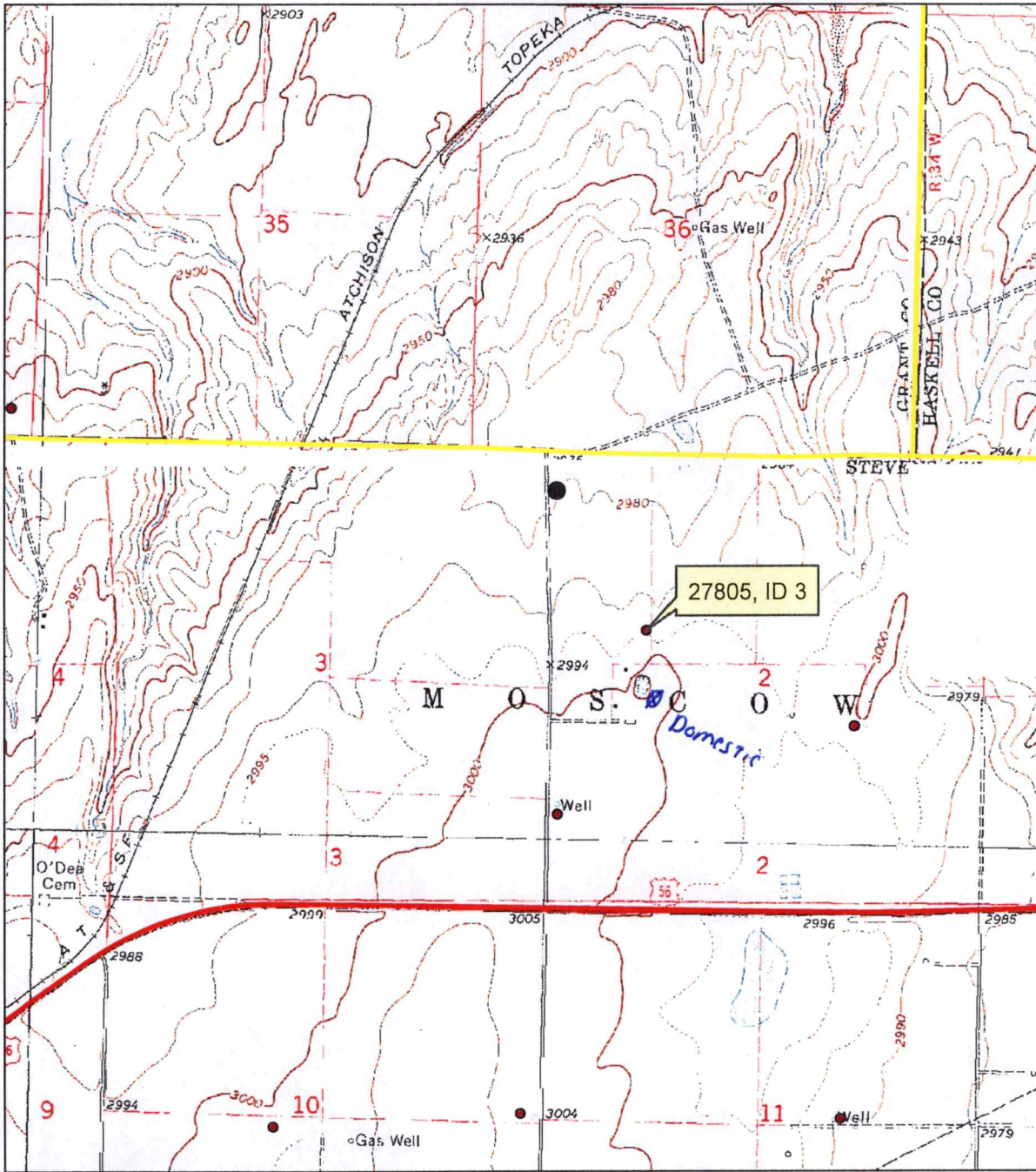
MAY 16 2019

Garden City Field Office  
Division of Water Resources

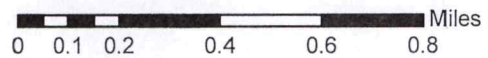
Red some water



**Change in Point of Diversion for water right 27805  
Section 2, Township 31 South, Range 35 West, Stevens County**



● Authorized Point of Diversion

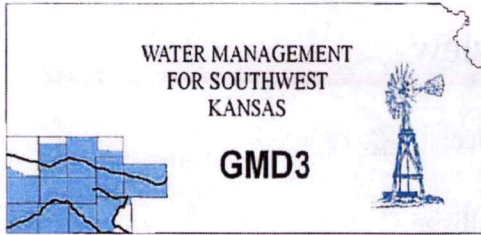


All wells within 1/2 miles are on this map.

● Proposed Point of Diversion

X J.W. Cullison





**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

May 29, 2019

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

RE: Application for Change in Point of Diversion  
Water Right, File Nos. 27805

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 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 (4 ft in cases where saturated thickness is greater than 200 ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that in no case did the net effect on neighboring wells exceed the 4.0 ft maximum allowable threshold. Noted that 2 of the domestics in section 36 were found in WWC5, but no current records of ownership or if they are still intact. These wells also had low effect from the proposed move. All other wells owned by the applicant. Therefore, GMD3 sees this move as reasonable and unlikely to impair neighboring wells. It is therefore recommended that the applications be approved.

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

Sincerely,

  
Jason L. Norquest  
Assistant Manager



## GMD3 Change Review

---

File No(s): 27805.

DWR office: GC.

App filed to change: PD

Is Landowner(s) correct in WRIS: James & Anne Cullison.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? Yes.

If NO, is documentation included?

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

Point of diversion ID No(s) 03 being changed.

	ft. North	ft. West	
Authorized PD	3200	4040	Sect 2-31-35
Proposed PD	4870	5285	
Difference	-1670 n	-1245 w	
$a^2 + b^2 = c^2$	2788900	1550025	2083.009 foot move NW

GPS for proposed PD: Lat: 37.38645 Long: -101.10411.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No change.

Land Owner(s) notified:    .

Name    .

Name    .

Address    .

Address    .

Zip    .

Zip    .

Neighboring certified well(s) notified: All wells within mile are the applicant's.

Name    .

Name    .

Address    .

Address    .

Zip    .

Zip    .

Domestic well(s) notified:    .

Name    .

Name    .

Address    .

Address    .

Zip    .

Zip    .

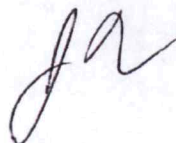
Base Acres:    .

Perfected Acres:    .

Irr. Return-Flow    %

Is a waiver needed: Move is less than half mile and minimum spacing to neighboring wells is met. Analysis shows all neighboring wells well below the allowable effect threshold. The domestic wells in section 36, to the north, are shown in WWC5, put no indication that they are still operating or completed. Each appears to be at a depth at or below static currently.

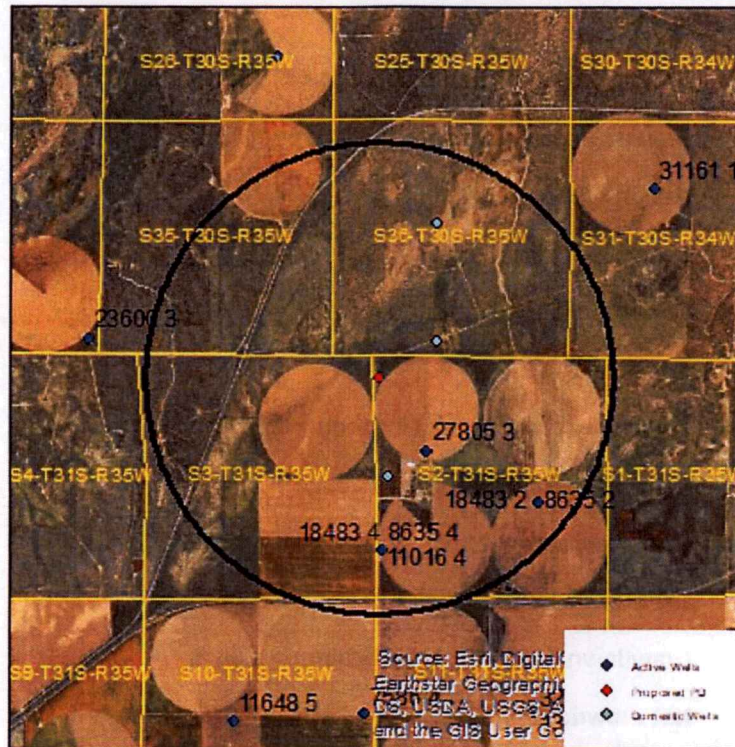
Recommendation: It appears that all current area rules are met. All located active wells in the area are the applicants and the analysis shows effects to be within limits. Staff therefore recommends approval of the application.





## Evaluation of proposed additional well for Water Right No 27805

Proposed: Move the well authorized under water right no. 27805 a distance of 1989 ft to the northwest.



Wells within 1 mile: 8635 & 11016 & 18483 ID2, 8635 & 11016 & 18483 ID4, a domestic well in section 2-31-35, a domestic well in the south half of section 36-30-35, and a domestic well in the north half of section 36-30-35.

The saturated thickness at the proposed well location is estimated to be 268 ft, based upon a monitoring well in section 31-30-34 and the driller's log. For saturated thicknesses greater than 200 ft, the maximum allowable Theis drawdown to neighboring critical wells is 4.0 ft.

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

$S = 0.2997$ ,  $T = 30,076 \text{ ft}^2/\text{day}$ ,  $tp_{\text{current}} = 64 \text{ days}$  (based upon observed rate and reported quantity),  
 $Q_{\text{current}} = 619 \text{ gpm}$  (observed during 2012 field inspection),  $tp_{\text{proposed}} = 134 \text{ days}$ ,  $Q_{\text{proposed}} = 1590 \text{ gpm}$ .

Theis drawdowns were calculated as follows:

8635 & 11016 & 18483 ID 2:

Drawdown from current location = 0.53 ft

Drawdown from proposed location = 1.83 ft

Net drawdown = 1.3 ft

**8635 & 11016 & 18483 ID4:**

Drawdown from current location = 0.58 ft

Drawdown from proposed location = 2.03 ft

Net drawdown = **1.4 ft**

**Domestic 2-31-35:**

Drawdown from current location = 1.06 ft

Drawdown from proposed location = 2.78 ft

Net drawdown = **1.7 ft**

**Domestic S 36-30-35:**

Drawdown from current location = 0.58 ft

Drawdown from proposed location = 3.36 ft

Net drawdown = **2.8 ft**

**Domestic N 36-30-35:**

Drawdown from current location = 0.33 ft

Drawdown from proposed location = 2.08 ft

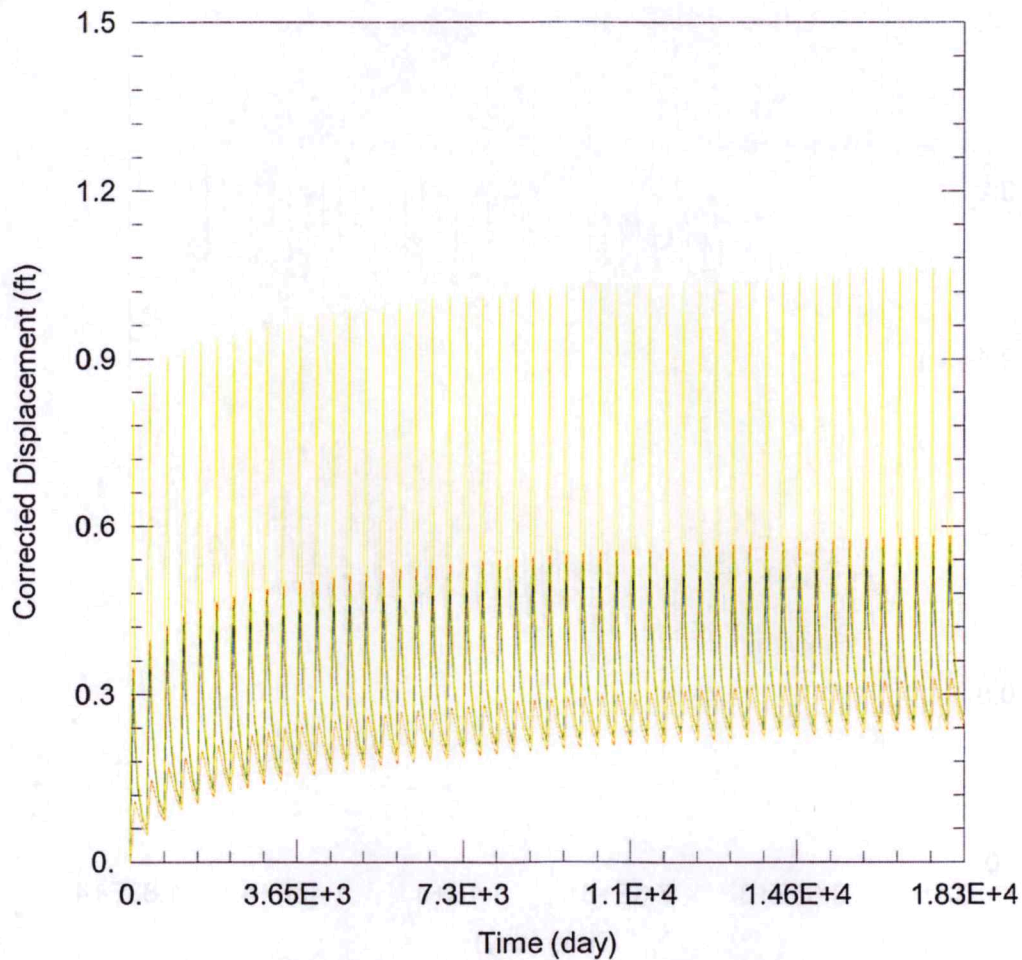
Net drawdown = **1.8 ft**

Net drawdown does not exceed the drawdown allowance for any neighboring wells, so critical well evaluation is not necessary.

**Conclusion:**

Given the current saturated thickness, this proposed change is unlikely to create noticeable effects on neighboring wells.





### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019\_moves\27805\27805 Current.aqt  
 Date: 05/29/19 Time: 10:42:35

### PROJECT INFORMATION

Company: GMD 3  
 Project: 27805  
 Location: Stevens County  
 Test Well: 27805

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
27805	-87415	184707

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-87415	184707
□ 8635 & 11016 & 18483 ID2	-84899	183605
□ 8635 & 11016 & 18483 ID4	-88440	182491
□ Domestic 2-31-35	-88301	184145
□ Domestic S 36-30-35	-87233	187190
□ Domestic N 36-30-35	-87220	189835

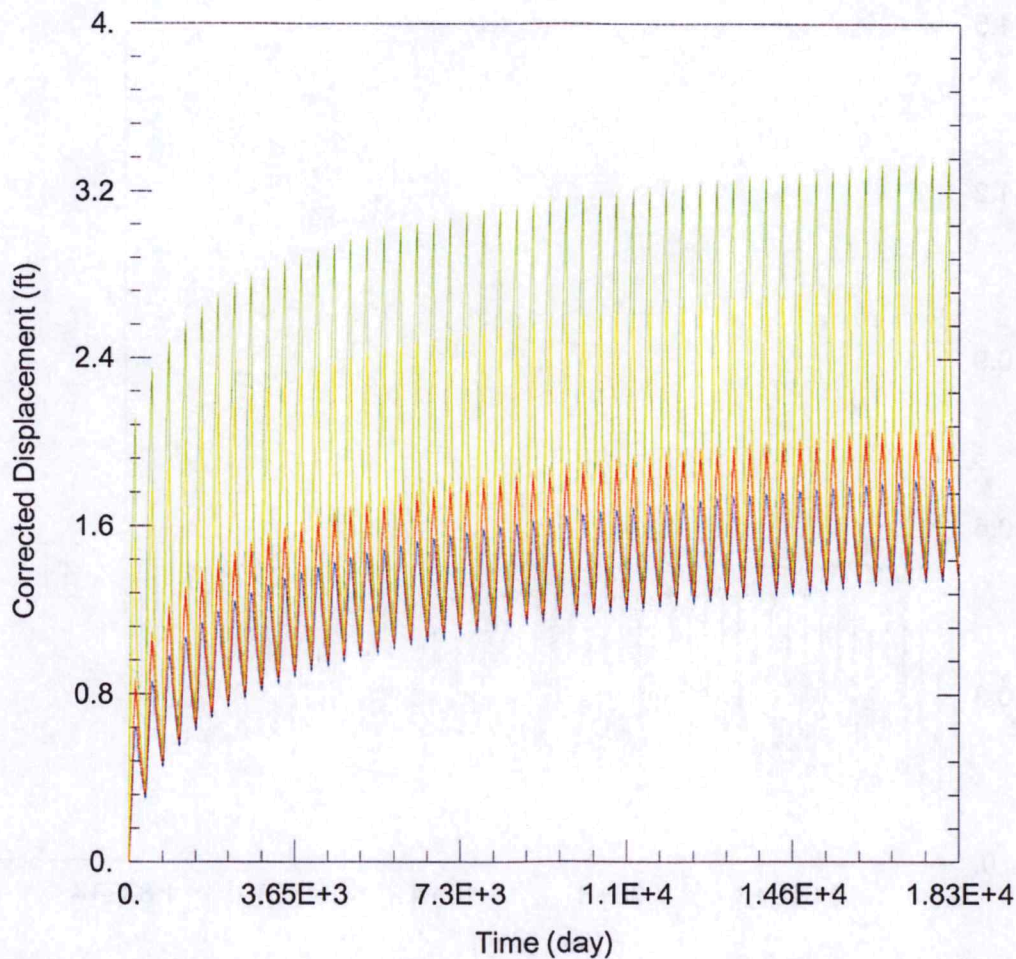
### SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 3.008E+4 ft<sup>2</sup>/day  
 Kz/Kr = 1.

S = 0.2997  
 b = 268. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019\_moves\27805\27805 Proposed.aqt  
 Date: 05/29/19 Time: 10:42:27

PROJECT INFORMATION

Company: GMD 3  
 Project: 27805  
 Location: Stevens County  
 Test Well: 27805

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
27805	-88519	186362

Observation Wells

Well Name	X (ft)	Y (ft)
□	-88519	186362
□ 8635 & 11016 & 18483 ID2	-84899	183605
□ 8635 & 11016 & 18483 ID4	-88440	182491
□ Domestic 2-31-35	-88301	184145
□ Domestic S 36-30-35	-87233	187190
□ Domestic N 36-30-35	-87220	189835

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 3.008E+4 ft<sup>2</sup>/day

S = 0.2997

Kz/Kr = 1.

b = 268. ft



Water Rights and Points of Diversion Within 1.00 miles of point defined as:

4870 ft N and 5285 ft W of the SE Corner of Section 2, T 31S, R 35W

Located at: 101.104110 West Longitude and 37.386452 North Latitude

GROUNDWATER ONLY

*2300' or all*

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 8635 00	IRR	NK	G	4659	--	NE	NW	SE	2120	1530	2	31	35W	2		460.00	460.00	AF
Same				3886	--	NW	SW	SW	985	5090	2	31	35W	4		472.00	472.00	AF
A__ 11016 00	IRR	NK	G	4659	--	NE	NW	SE	2120	1530	2	31	35W	2		354.00	354.00	AF
Same				3886	--	NW	SW	SW	985	5090	2	31	35W	4		363.00	363.00	AF
A__ 18483 00	IRR	NK	G	4659	--	NE	NW	SE	2120	1530	2	31	35W	2		128.00	128.00	AF
Same				3886	--	NW	SW	SW	985	5090	2	31	35W	4		223.00	223.00	AF
A__ 27805 00	IRR	NK	G*	2071	--	SE	SW	NW	3200	4040	2	31	35W	3		943.00	.00	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	2000.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	2000.00	.00

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

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

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

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

Water Rights and Points of Diversion Within 1.00 miles of point defined as:

101.104110 West Longitude and 37.386452 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

- File Number Use ST SR
- A\_\_ 8635 00 IRR NK G
- > JAMES W & ANNE CULLISON
- >
- > PO BOX 367
- > SATANTA KS 67870
- >-----
- A\_\_ 11016 00 IRR NK G
- > JAMES W & ANNE CULLISON
- >
- > PO BOX 367
- > SATANTA KS 67870
- >-----
- A\_\_ 18483 00 IRR NK G
- > JAMES W & ANNE CULLISON
- >
- > PO BOX 367
- > SATANTA KS 67870
- >-----
- A\_\_ 27805 00 IRR NK G

> JAMES W & ANNE CULLISON

>

> PO BOX 367

> SATANTA KS 67870

>-----

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

Mike Beam, Secretary



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

Laura Kelly, Governor

May 20, 2019

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

Change Application,  
File No. 27805

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by James Cullison 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, appearing to read "Austin McColloch".

Austin McColloch  
Assistant Water Commissioner  
Water Appropriation Program

Enclosure  
pc: