

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

1. File Number: KE 048	2. Status Change Date: <u>2-8-31</u>	3. Change Num: C1	4. Field Office: 04	5. GMD: 03
----------------------------------	---	-----------------------------	-------------------------------	----------------------

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: 1/14/19
--	---

8a. Applicant, Landowner, WUC New to system <input type="checkbox"/> Person ID <u>29436</u> Add Seq# <u>1</u> MORGAN LAND & CATTLE INC MICKEY G MORGAN PRESIDENT 2149 HIGHWAY 50 DEERFIELD KS 67838-3806	8c. WUC New to system <input type="checkbox"/> Person ID _____ Add Seq# <u>1</u>
--	---

8b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____ 6710	8d. WUC New to system <input type="checkbox"/> Person ID _____ Add Seq# _____
---	---

9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: **12/31/19** N & P Date to Comply: **12/31/20**

Anti-Reverse Meter Meter Seal Check Valve N & P Form Water Tube Driller Copy H & E Letter
 Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____

10. Use Made of Water From: _____ To: _____

Date Prepared: **2/8/19** By: **MAM**
 Date Entered: _____ By: _____

File No. **KE 48** 11. County: KE Basin: ARKANSAS RIVER Stream: _____ Formation Code: **211/331** Special Use:

12. Points of Diversion												Rate and Quantity				
CHK MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Authorized		Additional				
										Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files		
ENT		SWSWNE	33	24	35 W		2881'	1806'		2500	400	2500	400	11780		

DEL 41533

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			NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files	
CHK MOD DEL ENT	PUSE	S T R ID	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					

Base Acres: _____ **Year:** _____ **Minimum Reasonable Quantity:** _____

Comments:

Garden City Field Office
2508 Johns Street
Garden City, KS 67846-2804



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

February 8, 2019

MORGAN LAND & CATTLE INC
MICKEY G MORGAN PRESIDENT
2149 HIGHWAY 50
DEERFIELD KS 67838-3806

RE: Vested Right, File No. KE 048
Water Right, File No. 11780

Dear Sir:

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

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

Since this order modifies the original 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 to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM:
enclosures
pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3

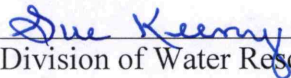
CERTIFICATE OF SERVICE

On this 8th day of February, 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Vested Right, File No. KE 048, Water Right, File No. 11780, dated 8th day of February, 2019 was mailed postage prepaid, first class, US mail to the following:

MORGAN LAND & CATTLE INC
MICKEY G MORGAN PRESIDENT
2149 HIGHWAY 50
DEERFIELD KS 67838-3806

With photocopies to:

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.

RECEIVED

JAN 04 2019
 3:24 PM

Garden City Field Office
 Division of Water Resources

File No. KE 48

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: MORGAN LAND AND CATTLE INC

2149 HIGHWAY 50, DEERFIELD, KS 67838

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: SAME AS ABOVE

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 \$ 200⁰⁰ TR # _____ Receipt Date 1-7-19 Check # 5295

5. **Presently authorized point of diversion:**
 One in the NW Quarter of the NW Quarter of the SE Quarter of Section 33, Township 24 South, Range 35 W, in KEARNY County, Kansas, 2500 feet North 2300 feet West of Southeast corner of section.
 Authorized Rate Authorized Quantity Depth of well (feet)
(DWR use only: Computer ID No. 7 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 SW Quarter of the SW Quarter of the NE Quarter of Section 33, Township 24 South, Range 35 (EW), in KEARNY County, Kansas, 2881 feet North 1806 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 .

6. **Presently authorized point of diversion:**
 One in the Quarter of the Quarter of the Quarter of Section , Township South, Range (EW), 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 (EW), 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 screen is plugged, needs Redrilled.

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

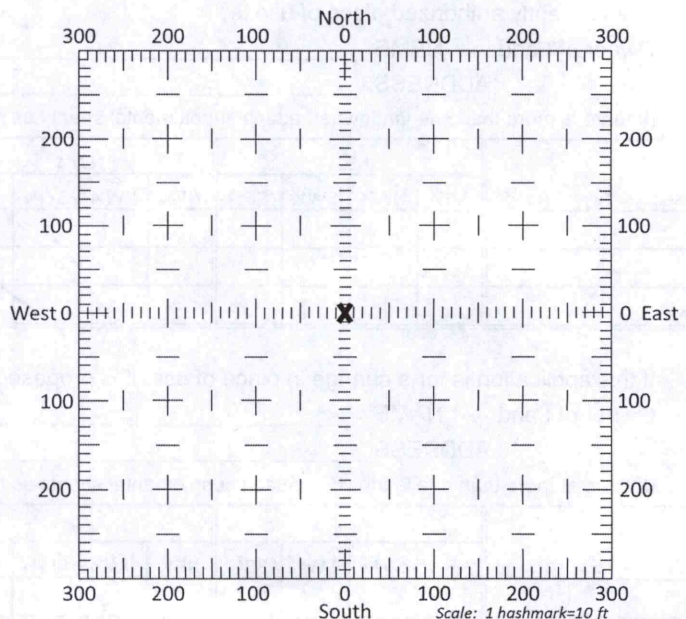
9. The change(s) (was)(will be) completed by?
Upon approval/end of January

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
cap

(b) When will this be done? Upon completion

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by BSC



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 Garden City, Kansas, this 7th day of January, 2019.

<u>Monte Morgan</u> (Owner)	(Spouse)
<u>Monte MORGAN</u> (Please Print)	(Please Print)
(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 7th day of January, 2019.

My Commission Expires _____

SUE KEENY
My Appointment Expires
June 8, 2022

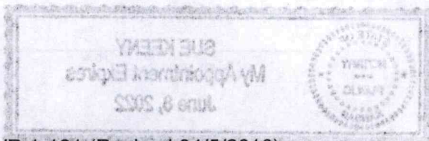
Sue Keeny
Notary Public

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



SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et seq.*, and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. KE048.

1. A change application was received on January 4, 2019 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 50 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than _____ feet from the previously authorized point(s) of diversion. Applicable Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
7. **The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2019, or before the first use of water, whichever occurs first.** The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. Applicable Not Applicable
8. **Installation of the works for diversion of water shall be completed on or before December 31, 2019, or within any authorized extension of time.** By March 1, 2020 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 required notice.** Applicable Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
11. Additional Conditions are attached. Yes No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

Administrative Appeal and Effective Date of Order

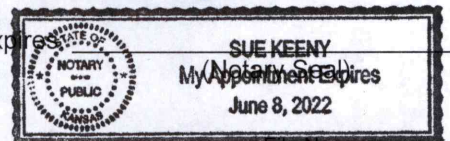
If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for administrative review by the Secretary must be filed within **30 days** pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with **Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502.** Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

For Use by Register of Deeds

FOR OFFICE USE ONLY
**APPLICATION APPROVED AND
SUMMARY ORDER ISSUED**

By: Michael A. Meyer
Duly Authorized Designee of the Chief Engineer
(Print Name): Michael A. Meyer
Division of Water Resources - Kansas Department of Agriculture
Date of Issuance: February 8, 2019
State of Kansas _____)
County of Finney _____) SS
Acknowledged before me on February 8, 2019
by Michael A. Meyer
Signature: Sue Keeny
Notary Public

My commission expires _____





Century GEOPHYSICAL CORP.

MONTE MORGAN

COMPANY : DOWNEY DRILLING INC.
WELL : MONTE MORGAN
LOCATION/FIELD : NE OF OLD WELL
COUNTY : KEARNY
LOCATION : SE/NE
SECTION : 33

#2

OTHER SERVICES:

DATE : 11/01/18
DEPTH DRILLER : 400
LOG BOTTOM : 399.30
LOG TOP : 0.40

TOWNSHIP : 24S RANGE : 35W

PERMANENT DATUM : GL

KB :
DF :
GL :

LOG MEASURED FROM: GL
DRL MEASURED FROM: GL

CASING DIAMETER : 10.
CASING TYPE :
CASING THICKNESS:

LOGGING UNIT : 1319
FIELD OFFICE : DDI
RECORDED BY : DAVE

BIT SIZE : 6.25
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.71
NEUTRON MATRIX : LIMESTONE

BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T : 49

FILE : ORIGINAL
TYPE : 8144A
LGDATE: 11/01/18
LGTIME : 16:01:
THRESH: 99999

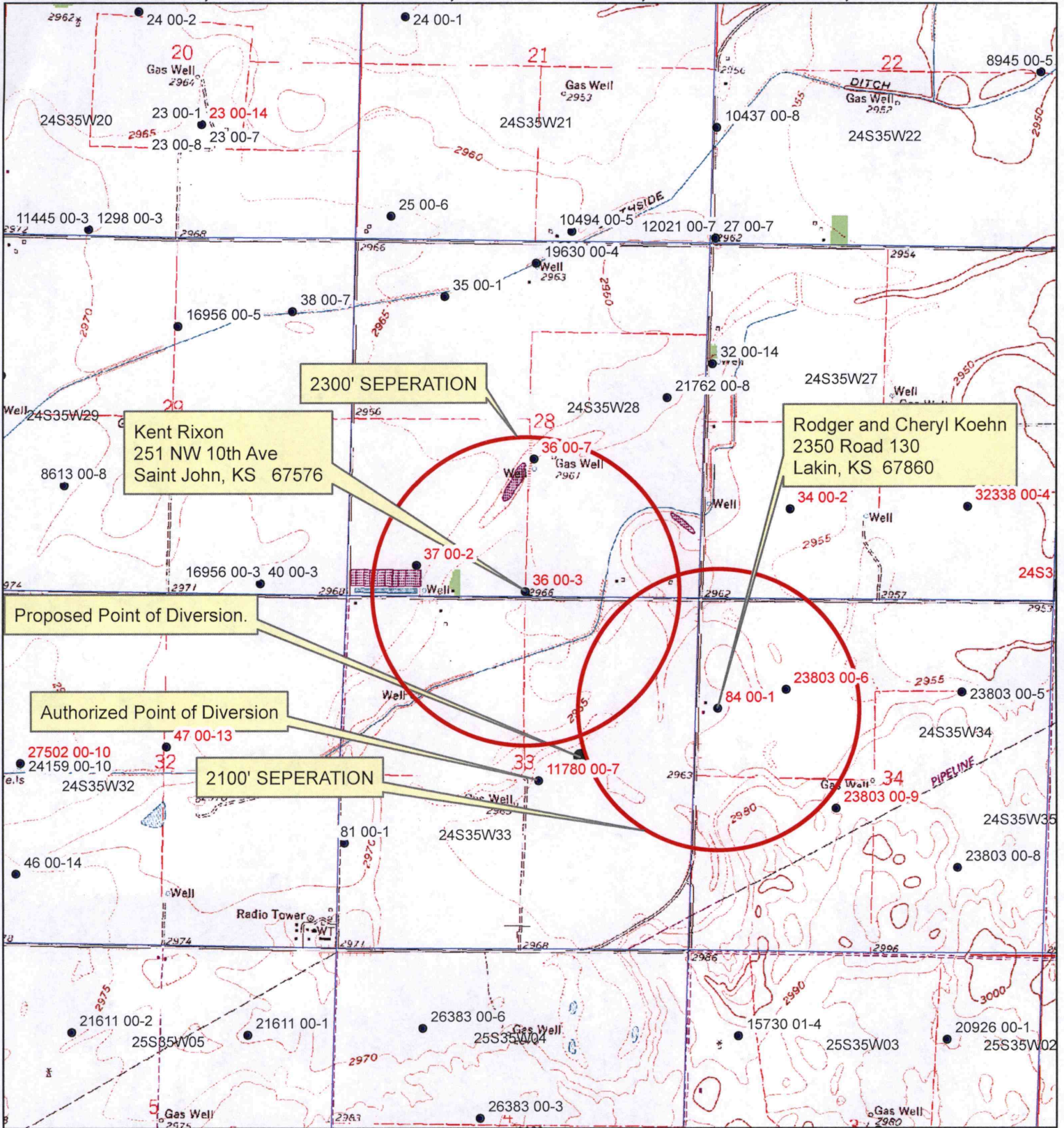
N 37* 55' 25.28"

W- 101*9'51.70"

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CHANGE IN POINT OF DIVERSION
WR KE 48 & 11780

SECTION 33, TOWNSHIP 24 SOUTH, RANGE 35 WEST, KEARNY COUNTY, KANSAS

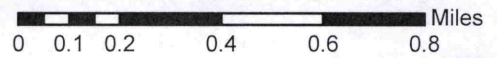
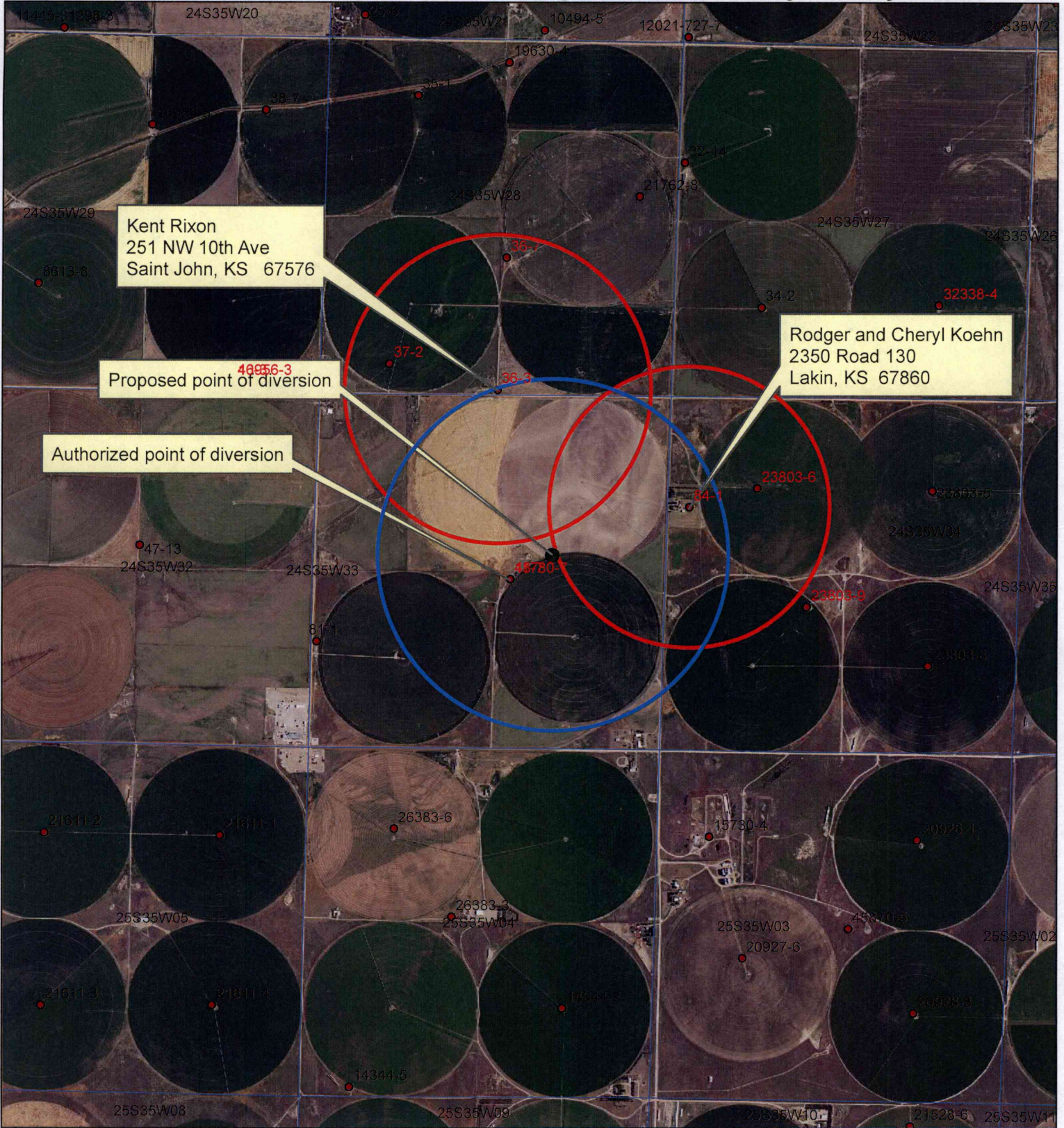


All wells within 1/2 miles are on this map.

X _____
applicant signature



Change in Point of Diversion Water Right KE 48 & 11780 Section 33, Township 24 South, Range 35 West, Kearny County



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

X _____





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

February 7, 2019

Michael A. Meyer
Division of Water Resources
2508 N Johns Street
Garden City, Kansas 67846

RE: Application for Change in Point of Diversion
Vested Right, File No. KE48
Water Right, File No. 11780

Dear Mike:


We have completed a review of the applications for the above referenced water rights. 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 the applicant. 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. 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

RECEIVED

FEB 07 2019

INPUTS	
Target Section Definition	
Section	33
Township	24
Range	35
Range Direction	w
Target Point Coordinates (<i>NAD27</i> or <i>NAD83</i>)	
Target Longitude	-101.163914
Target Latitude	37.923668

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	37.91554789	-101.17636621
NW	37.93008999	-101.17628910
NE	37.93028831	-101.15796291
SE	37.91577722	-101.15810104
Degrees Longitude per Foot		3.46653208E-06
Degrees Latitude per Foot		2.74612828E-06

Target Point Distances from Corners using <i>NAD83</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	2957	-3592
NW	-2339	-3570
NE	-2411	1717
SE	2873	1677

Target point is In Section

Loaded Section Data From LEOBASE using <i>NAD27</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.91552700	-101.17591900
NW	37.93006900	-101.17584200
NE	37.93026700	-101.15751600
SE	37.91575600	-101.15765400
Degrees Longitude per Foot		3.46653109E-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	2965	-3463
NW	-2331	-3441
NE	-2403	1846
SE	2881	1806

Target point is In Section

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00002089	-0.00044721
NW	0.00002099	-0.00044710
NE	0.00002131	-0.00044691
SE	0.00002122	-0.00044704

Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-7.76118587	-129.00690343
NW	-7.52231515	-128.97517777

GMD3 Change Review

File No(s): KE48 & 11780. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Morgan Land & Cattle Inc.

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) 07 being changed.

	ft. North	ft. West	
Authorized PD	2500	2300	Sect. 33-24-35
Proposed PD	2881	1806	
Difference	-381 n	494 e	
$a^2 + b^2 = c^2$	145161	244036	623.8566 foot move NE

GPS for proposed PD: Lat: 37.923668 Long: -101.163914

Is proposed PD stacking on existing WRs? Both WRs are moving.

Is Proposed PU overlapping existing WRs? No Change.

Land Owner(s) notified:

Name Name

Address Address

Zip Zip

Neighboring certified well(s) notified:

Name Name

Address Address

Zip Zip

Domestic well(s) notified:

Name Name

Address Address

Zip Zip

Base Acres:

Perfected Acres:

Irr. Return-Flow %

The proposed location meets minimum spacing to neighboring certified wells and domestic wells in the area.

Well analysis was done on all wells within mile of proposed location. The area showed a saturated thickness greater than 200' so the de minimus effect allowed is 4' over 50 years. All wells showed 4' or less effect, so not considered critical

Is a waiver needed: No.

Final Recommendation: After review of all available information, it appears the current area rules are met. Well evaluations show that the drawdown effects to neighboring

RECEIVED

FEB 07 2019

Garden City Field Office
Division of Water Resources

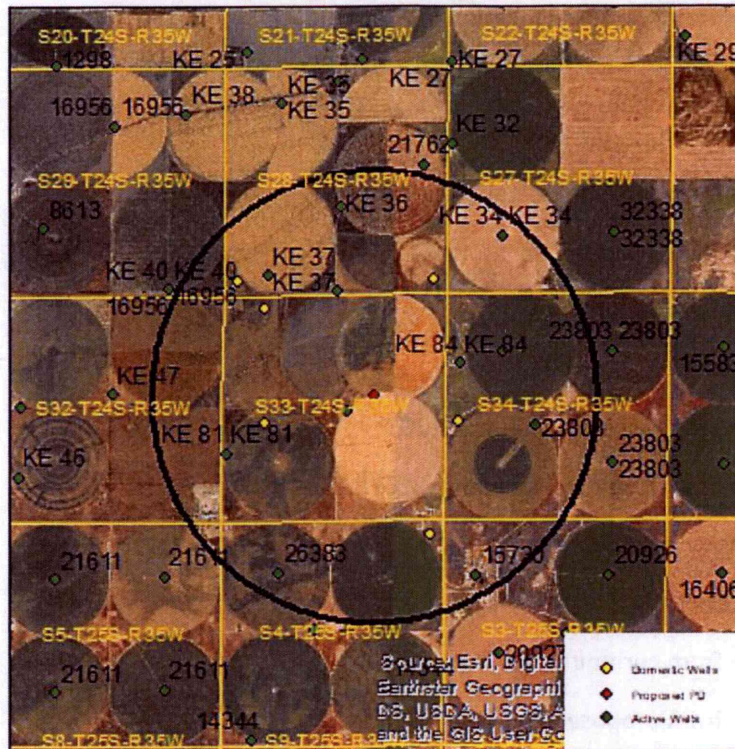
GMD3 Change Review

wells is within an allowable range. Staff therefore recommends approval of the applications.

A handwritten signature in blue ink, consisting of a stylized 'J' followed by a flourish.

Evaluation of proposed move for Water Right Nos. KE 48 and 11780

Proposed: Move water right nos. KE 48 and 11780 about 726 ft to the northeast.



Wells within 1 mile: KE 84, KE 36 ID 3, KE 36 ID 7, KE 37, KE 34, 23803 ID 6, 23803 ID 9, 15730, 26383, KE 81, a domestic well located in the southwest ¼ of section 33-24-35, a domestic well located in the northwest ¼ of section 33-24-35, a domestic well located in section 34-24-35, a domestic well located in section 4-25-35, a domestic well located in the southeast ¼ of section 28-24-35, and a domestic well located in the southwest ¼ of 28-24-35.

The saturated thickness at the proposed well location is 240 ft (based upon water depth to water in the driller's log). Neighboring wells need to be evaluated if the total 50 year Theis effect from the proposed moves exceeds the drawdown allowance. In areas with more than 200 ft of saturated thickness, the drawdown allowance is 4.0 ft over 50 years.

50 year Theis Analysis: The following parameters were used:

$S = 0.07501$, $T = 136,611$ gpd/ft, $Q_{current} = 666$ gpm (based upon 2013 field visit), $tp_{current} = 131$ days (based upon observed rate and reported use), $Q_{proposed} = 2500$ gpm, $tp_{proposed} = 39$ days.

KE 84: $r_{current} = 2891$ ft, $r_{proposed} = 2174$ ft.

Drawdown from current location = 2.06 ft

Drawdown from proposed location = 4.40 ft

Net drawdown = 2.3 ft

RECEIVED

FEB 07 2019

Garden City Field Office
Division of Water Resources

KE 36 ID3: $r_{\text{current}} = 2834$ ft, $r_{\text{proposed}} = 2604$ ft.

Drawdown from current location = 2.08 ft

Drawdown from proposed location = 3.78 ft

Net drawdown = **1.7 ft**

KE 36 ID7: $r_{\text{current}} = 4803$ ft, $r_{\text{proposed}} = 4497$ ft

Drawdown from current location = 1.56 ft

Drawdown from proposed location = 2.24 ft

Net Drawdown = **0.7 ft**

KE 37: $r_{\text{current}} = 3704$ ft, $r_{\text{proposed}} = 3774$ ft

Drawdown from current location = 1.81 ft

Drawdown from proposed location = 2.67 ft

Net drawdown = **0.9 ft**

KE 34: $r_{\text{current}} = 5531$ ft, $r_{\text{proposed}} = 4844$ ft

Drawdown from current location = 1.43 ft

Drawdown from proposed location = 2.08 ft

Net drawdown = **0.7 ft**

23803 ID6: $r_{\text{current}} = 3944$ ft, $r_{\text{proposed}} = 3230$ ft

Drawdown from current location = 1.75 ft

Drawdown from proposed location = 3.10 ft

Net drawdown = **1.4 ft**

23803 ID9: $r_{\text{current}} = 4467$ ft, $r_{\text{proposed}} = 3894$ ft

Drawdown from current location = 1.63 ft

Drawdown from proposed location = 2.59 ft

Net drawdown = **1.0 ft**

15730: $r_{\text{current}} = 4878$ ft, $r_{\text{proposed}} = 4829$ ft

Drawdown from current location = 1.55 ft

Drawdown from proposed location = 2.09 ft

Net drawdown = **0.5 ft**

26383: $r_{\text{current}} = 4112 \text{ ft}$, $r_{\text{proposed}} = 4724 \text{ ft}$

Drawdown from current location = 1.71 ft

Drawdown from proposed location = 2.14 ft

Net drawdown = **0.4 ft**

KE 81: $r_{\text{current}} = 3056 \text{ ft}$, $r_{\text{proposed}} = 2.67 \text{ ft}$

Drawdown from current location = 2.00 ft

Drawdown from proposed location = 2.67 ft

Net drawdown = **2.67 ft**

Domestic well in SW $\frac{1}{4}$ of 33-24-35:

$r_{\text{current}} = 1986 \text{ ft}$, $r_{\text{proposed}} = 2667 \text{ ft}$

Drawdown from current location = 2.46 ft

Drawdown from proposed location = 3.70 ft

Net drawdown = **1.2 ft**

Domestic well in NW $\frac{1}{4}$ of 33-24-35:

$r_{\text{current}} = 3093 \text{ ft}$, $r_{\text{proposed}} = 3728 \text{ ft}$

Drawdown from current location = 1.99 ft

Drawdown from proposed location = 2.70 ft

Net drawdown = **0.7 ft**

Domestic well in 34-24-35:

$r_{\text{current}} = 2654 \text{ ft}$, $r_{\text{proposed}} = 2100 \text{ ft}$

Drawdown from current location = 2.15 ft

Drawdown from proposed location = 4.53 ft

Net drawdown = **2.4 ft**

Domestic well in 4-25-35:

$r_{\text{current}} = 3450 \text{ ft}$, $r_{\text{proposed}} = 3478 \text{ ft}$

Drawdown from current location = 1.88 ft

Drawdown from proposed location = 2.89 ft

Net drawdown = **1.0 ft**

RECEIVED

FEB 07 2019

Garden City Field Office
Division of Water Resources

Domestic well in SE ¼ of 28-24-35:

$r_{\text{current}} = 3705 \text{ ft}$, $r_{\text{proposed}} = 3070 \text{ ft}$

Drawdown from current location = **1.81 ft**

Drawdown from proposed location = **3.25 ft**

Net drawdown = **1.44 ft**

Domestic well in SW ¼ of 28-24-35:

$r_{\text{current}} = 4018 \text{ ft}$, $r_{\text{proposed}} = 4201 \text{ ft}$

Drawdown from current location = **1.73 ft**

Drawdown from proposed location = **2.40 ft**

Net drawdown = **0.7 ft**

No net drawdowns exceed 4.0 ft, so no critical well evaluations are necessary.

Garden City Field Office
2508 Johns Street
Garden City, KS 67846-2804



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

January 24, 2019

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

Re: Vested Right, File No. KE 048
Water Right File No. 11780

Dear Mr. Norquest:

This is to advise you that Morgan Land and Cattle Inc have filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion for the above referenced files.

We are delaying action on the change application to allow you time to review and provide a recommendation. A change in point of diversion is being proposed. Please submit a recommendation within 15 days.

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

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
Enclosures

STATE OF KANSAS



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

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

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

January 8, 2019

RODGER L & CHERYL KOEHN
2350 ROAD 130
LAKIN KS 67860-6219

RE: Vested Right, File No. KE 048
Water Right, File No. 11780

Dear Madam or Sir:

This is to advise you that Morgan Land and Cattle Inc has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced application.

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

You are notified on this proposed change in point of diversion so that you may furnish this office with any comments or other information you may want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

Michael A. Meyer
Water Commissioner

MAM
Pc: Groundwater Management District No. 3

SCANNED

Meyer, Mike [KDA]

From: Meyer, Mike [KDA]
Sent: Thursday, January 24, 2019 10:41 AM
To: 'Norquest, Jason (Norquest@gmd3.org)'
Subject: request for recommendation, File Nos. KE 048 and 11780
Attachments: 20190124103436946.pdf

Good morning

See the attached applications and request for a recommendation on this proposed change in point of diversion. We are allowing 15 days for you to submit a recommendation.

Thanks for all you do

Michael A. Meyer, L.G.
Water Commissioner
Kansas Department of Agriculture
Division of Water Resources
Garden City Field Office
(620)-276-2901
mike.meyer@ks.gov
<http://agriculture.ks.gov>