

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

1. File Number: 19155	2. Status Change Date: 12-17-18	3. Change Num: C4	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: 11/30/18
--	--

8a. Applicant(s) Landowner New to system <input type="checkbox"/> TFT ALFALFA FARMS LLC 1320 N COUNTY ROAD 11 LEOTI KS 67861-6123	8c. Landowner(s) New to system <input type="checkbox"/> TFT ALFALFA FARMS LLC 1320 N COUNTY ROAD 11 LEOTI KS 67861-6123
---	--

8b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	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: **12/17/18** By: **MAM**
 Date Entered: _____ By: _____

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

December 17, 2018

TFT ALFALFA FARMS LLC
1320 N COUNTY ROAD 11
LEOTI KS 67861

RE: Approval of Application to Change the Point of Diversion
Water Right, File No. 19155

Dear Madam:

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 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 this order modifies the original documents referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate. Please also submit a copy of the current ownership deed to have our records changed.

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 to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,


Michael A. Meyer
Water Commissioner

MAM:
enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

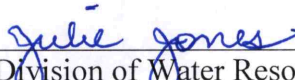
CERTIFICATE OF SERVICE

On this 17th day of December, 2018, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 19,155, dated 17th day of December, 2018 was mailed postage prepaid, first class, US mail to the following:

TFT ALFALFA FARMS LLC
1320 N COUNTY ROAD 11
LEOTI KS 67861

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.

File No. 19155

RECEIVED
 4:24 pm
 NOV 30 2018

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: TFT ALFALFA FARMS LLC

1320 N. COUNTY ROAD 11, LEOTI, KS 67861

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 \$ 200.00 TR # _____ Receipt Date 11-30-18 Check # 601

5. **Presently authorized point of diversion:**
 One in the _____ Quarter of the NC Quarter of the SW Quarter
 of Section 26, Township 25 South, Range 36 W,
 in KEARNY County, Kansas, 1320 feet North 3960 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. 2 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 26, Township 25 South, Range 36 W,
 in KEARNY County, Kansas, 126 feet North 2719 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 NC Quarter of the SE Quarter
 of Section 26, Township 25 South, Range 36 W,
 in KEARNY County, Kansas, 1320 feet North 1320 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. 4 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) REPLACE EXISTING WELL.

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

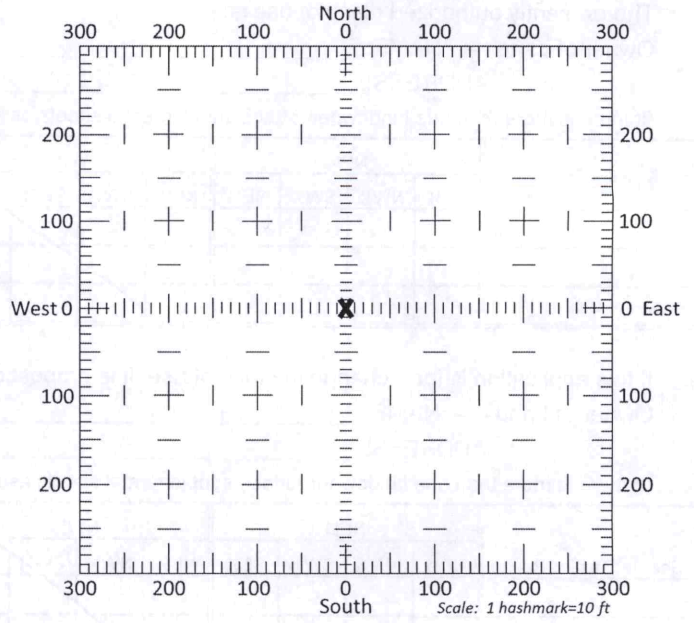
9. The change(s) (was)(will be) completed by?
UPON APPROVAL

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

APPLICATION FOR APPROVAL TO CHANGE
THE PLACE OF USE AND/OR POINT OF DIVERSION
SUPPLEMENTAL SHEET
FILE NO. 19155

Presently authorized point of diversion:

One in the NW Quarter of the NW Quarter of the SE Quarter
of Section 26, Township 25 South, Range 36 W,
in KEARNY County, Kansas, 2340 feet North 2380 feet West of Southeast corner of section.

Authorized Rate Authorized Quantity Depth of well (feet)

(DWR use only: Computer ID No. 6 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

Presently authorized point of diversion:

One in the Quarter of the NC Quarter of the SW Quarter
of Section 25, Township 25 South, Range 36 W,
in KEARNY County, Kansas, 1320 feet North 3960 feet West of Southeast corner of section.

Authorized Rate Authorized Quantity Depth of well (feet)

(DWR use only: Computer ID No. 2 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

Presently authorized point of diversion:

One in the NE Quarter of the SE Quarter of the NW Quarter
of Section 25, Township 25 South, Range 36 W,
in KEARNY County, Kansas, 3383 feet North 2726 feet West of Southeast corner of section.

Authorized Rate Authorized Quantity Depth of well (feet)

(DWR use only: Computer ID No. 5 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

Presently authorized point of diversion:

One in the SW Quarter of the SW Quarter of the NW Quarter
of Section 25, Township 25 South, Range 36 W,
in KEARNY County, Kansas, 2936 feet North 4646 feet West of Southeast corner of section.

Authorized Rate Authorized Quantity Depth of well (feet)

(DWR use only: Computer ID No. 6 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

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



Hydro
resources

PO Box 639
 Garden City, KS 67846
 Fax: 620-277-0224

BRENT TAKOI 620-874-4139

Customer Name: Takoi Ag
 Street Address: 1320 N. COUNTY ROAD 11
 City, State: LEOTI, KS 67861
 County: Kearny Quarter: SW Section: 26
 Location: _____ Township: 25 Range: 36
 Rig #: 10002 Elevation: 3037'

WO#: 14739 Date: 11-20-18
 Test #: 4 E LOG: _____
 Driller: Dale Conner
 GPS: N37.84315 W101.24045 156'N 2719'W
 Static WL: 238' Estimated? _____
 Proposed Well Depth: 750

Underground Gas Line Appx 35' East of Test Hole WELL LOCATION INCLUDING D'SUMP

%	Footage		To	Description of Strata
	From	Pay		
	0		2	Top Soil - Sandy -
	2		12	Fine Sand
	12		19	Brown Sandy Clay
	19		75	Sand fine to med course small med large gravel w/cobbles
	75		93	Light Blue Clay
	93		103	Brown Clay
	103		109	Fine Sand
	109		114	Light Blue Clay
	114		146	Brown Clay
	146		174	Sand fine to med course small gravel
	174		179	Brown Sandy Clay
	179		196	Sand fine to med course small gravel
	196		203	Brown Clay
	203		225	Sand fine to med course small med gravel
	225		230	Brown Clay
	230		237	Sand fine to med course small med gravel
	237		244	Brown Sandy Clay
25	244	6	250	Sand fine to med course w/few clay stringers
30	250	13	263	Sand fine to med course small gravel
5	263	7	270	White Sandy clay w/fine sand & few lime rock strips
	270		300	Brown Clay
5	300	9	309	Sand fine few med w/many clay stringers
	309		320	Brown Sandy Clay
10	320	14	334	Fine sand w/few med w/some clay stringers
20	334	26	360	Sand fine few med w/few thin clay stringers
25	360	40	400	Sand fine to med some course w/some brown & tan rock - Drilled loose -
	400		416	Brown Sandy clay
20	416	20	436	Sand fine couple med w/some brown rock - Drilled loose -
	436		457	Soapstone
	457		496	Soapstone & Shale "Sandstone ledge @ 496" poor circ mixed 2 Bag of Bran"
5	490	38	528	Sandstone & Shale
	528		540	Shale w/few sandstone strips
	540		671	Shale
10	671	33	704	Sandstone & Soapstone
15	704	26	730	Sandstone - Drilled loose in places -
	730		740	Red Bed

RECEIVED
 NOV 28 2018
 Super Gel X -14
 Bran -1
 Bent. Plug 3/4 -6
 Perm Plug -1
 4 3/4 Drag Blade -1

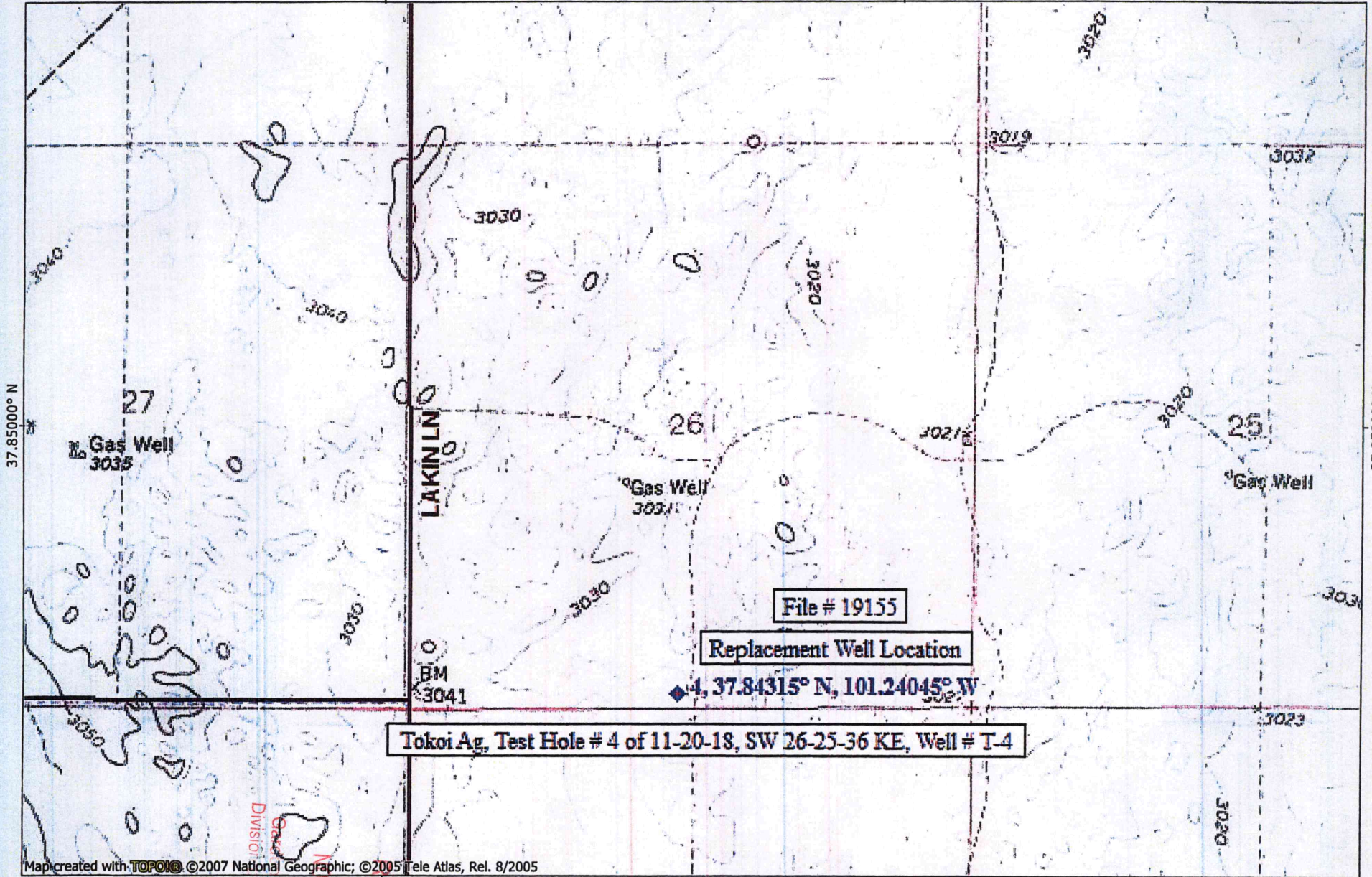
Garden City Field Office
 Division of Water Resources

19155-2

TOPO! map printed on 11/26/18 from "Untitled.tpo"

101.25000° W

NAD27 101.23333° W



37.85000° N

37.85000° N

Map created with TOPO! ©2007 National Geographic; ©2005 Tele Atlas, Rel. 8/2005

101.25000° W

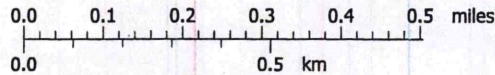
NAD27 101.23333° W



City Field Office
Water Resources

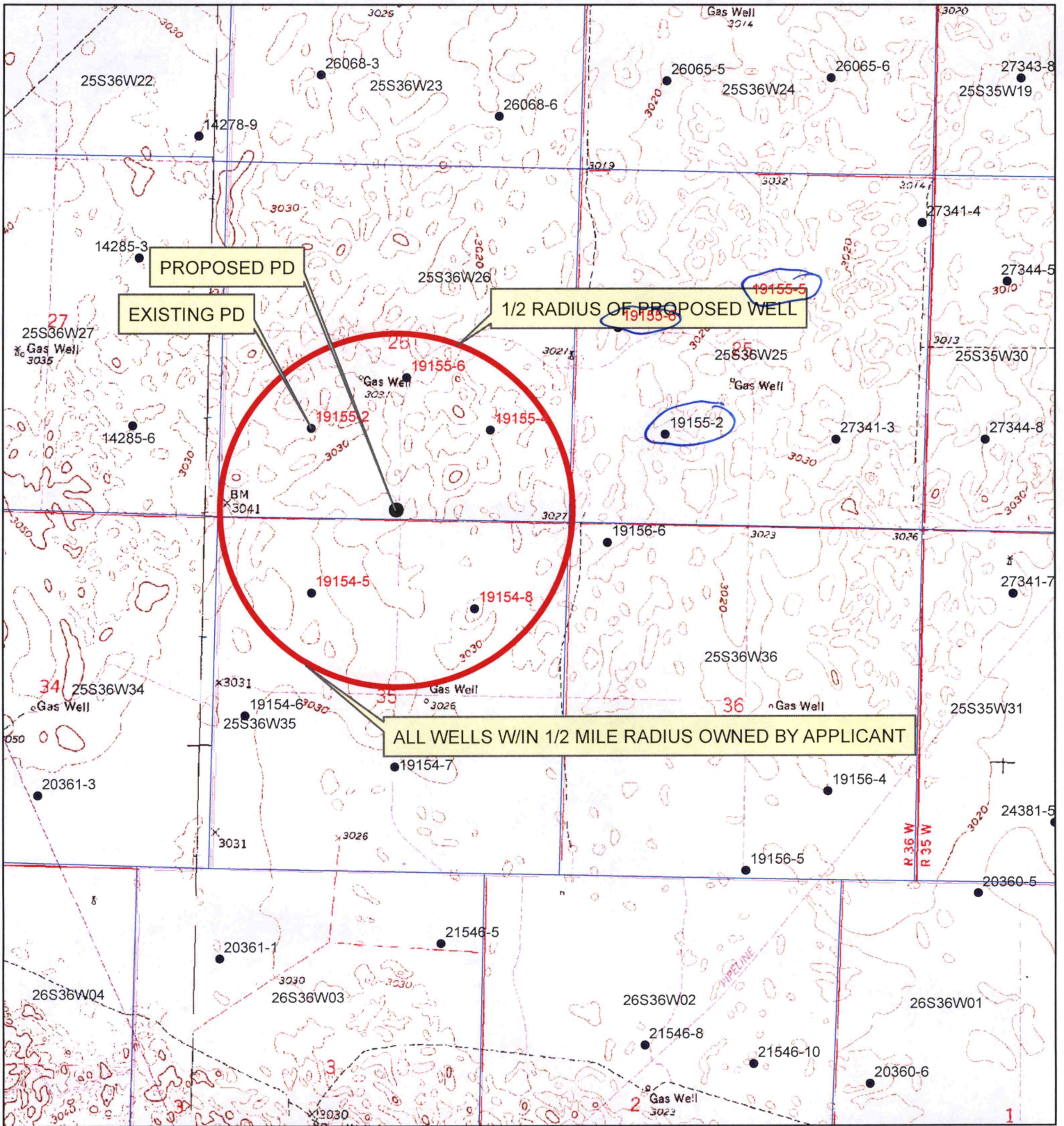
NOV 28 2018

RECEIVED

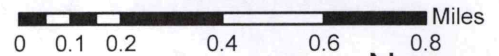


TN ↑ MN
5 1/2°
11/26/18

Change in Point of Diversion for Water Right 19155 Section 26, Township 25 South, Range 36 West, Kearny County



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



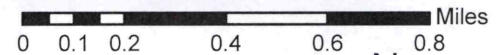
X _____
applicant signature



Change in Point of Diversion for Water Right 19155 Section 26, Township 25 South, Range 36 West, Kearny County



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



X _____
applicant signature




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 30th day of NOVEMBER, 2018.

X  _____
 (Owner) _____ (Spouse)
Brent Tokia _____
 (Please Print) _____ (Please Print)

 (Owner) _____ (Spouse)

 (Please Print) _____ (Please Print)

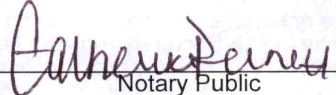
 (Owner) _____ (Spouse)

 (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 30TH day of NOVEMBER, 2018.




 Notary Public

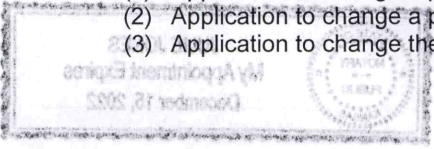
My Commission Expires 9-14-22

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. 19155

1. A change application was received on November 30, 2018 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 300 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: December 17, 2018

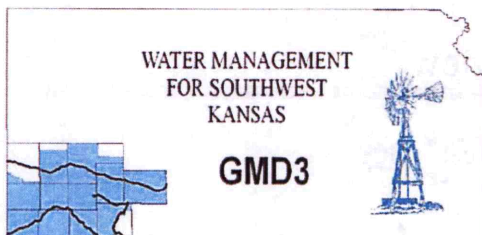
State of Kansas _____)
 _____) SS
 County of Finney _____)

Acknowledged before me on December 17, 2018
 by Michael A. Meyer

Signature: Julie Jones

My commission expires: _____
 December 15, 2022





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

December 14, 2018

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

RE: Application for Change in Point of Diversion
Water Right, File No. 19155

Dear Mike:

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 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 K.S.A. 82a-710 (b) and (c), and the draft revised management program. It is considered unreasonable to dis-allow any new effects from a proposal, so a standard maximum drawdown allowance applied over 50 years is used under an assumption the proposed well is pumped at maximum authorized rate and quantity. A drawdown allowance of four feet is used based on saturated thickness of more than 200 feet. The maximum reasonable or de minimis effect is used to screen for water right wells that need more investigation for a critical well result from the proposal. A critical well is a strong candidate for water right impairment.

The attached review information is based on the Theis and GMD3 model tools and considered the best information available. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

None of the wells showed effects greater than de minimis and determined to be not critical wells of the proposal. From the GMD3 bedrock map, these wells were found to be reasonably completed to access the available local source of supply.

After review of the analysis, it is recommended that the application be approved at this time. Attached is also a summary review of the analysis for your records. 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): 19155.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: ___.

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) 02 being changed.

	ft. North	ft. West			
Authorized PD	1320	3960	Sect. 26-25-36		
Proposed PD	126	2719			
Difference	1194 S	1241 E			
$a^2 + b^2 = c^2$	1425636	1540081	1722.126 foot move SE		

GPS for proposed PD: Lat: 37.84315 Long: -101.24045.

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: ___.

Name ___.

Name ___.

Address ___.

Address ___.

Zip ___.

Zip ___.

Domestic well(s) notified: ___.

Name ___.

Name ___.

Address ___.

Address ___.

Zip ___.

Zip ___.

Base Acres: ___.

Perfected Acres: ___.

Irr. Return-Flow ___%

Spacing met to neighboring certified wells.

Well evaluation run on the proposed change with calculated effects on wells within a mile of proposed PD. The evaluation showed net effects on neighboring to all be less than 2' and not considered critical at this time.

Is a waiver needed: Current rules are met.

Final Recommendation: After review of all available information and well evaluations with neighboring wells, the proposal seems likely to have a minimal effect. Staff therefore recommends approval of the applicaiton.



GMD3 Change Review

File No(s): 19155.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: .

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) 02 being changed.

	ft. North	ft. West	
Authorized PD	1320	3960	Sect. 26-25-36
Proposed PD	126	2719	
Difference	1194 S	1241 E	
$a^2 + b^2 = c^2$	1425636	1540081	1722.126 foot move SE

GPS for proposed PD: Lat: 37.84315 Long: -101.24045.

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: .

Name .

Name .

Address .

Address .

Zip .

Zip .

Domestic well(s) notified: .

Name .

Name .

Address .

Address .

Zip .

Zip .

Base Acres: .

Perfected Acres: .

Irr. Return-Flow %

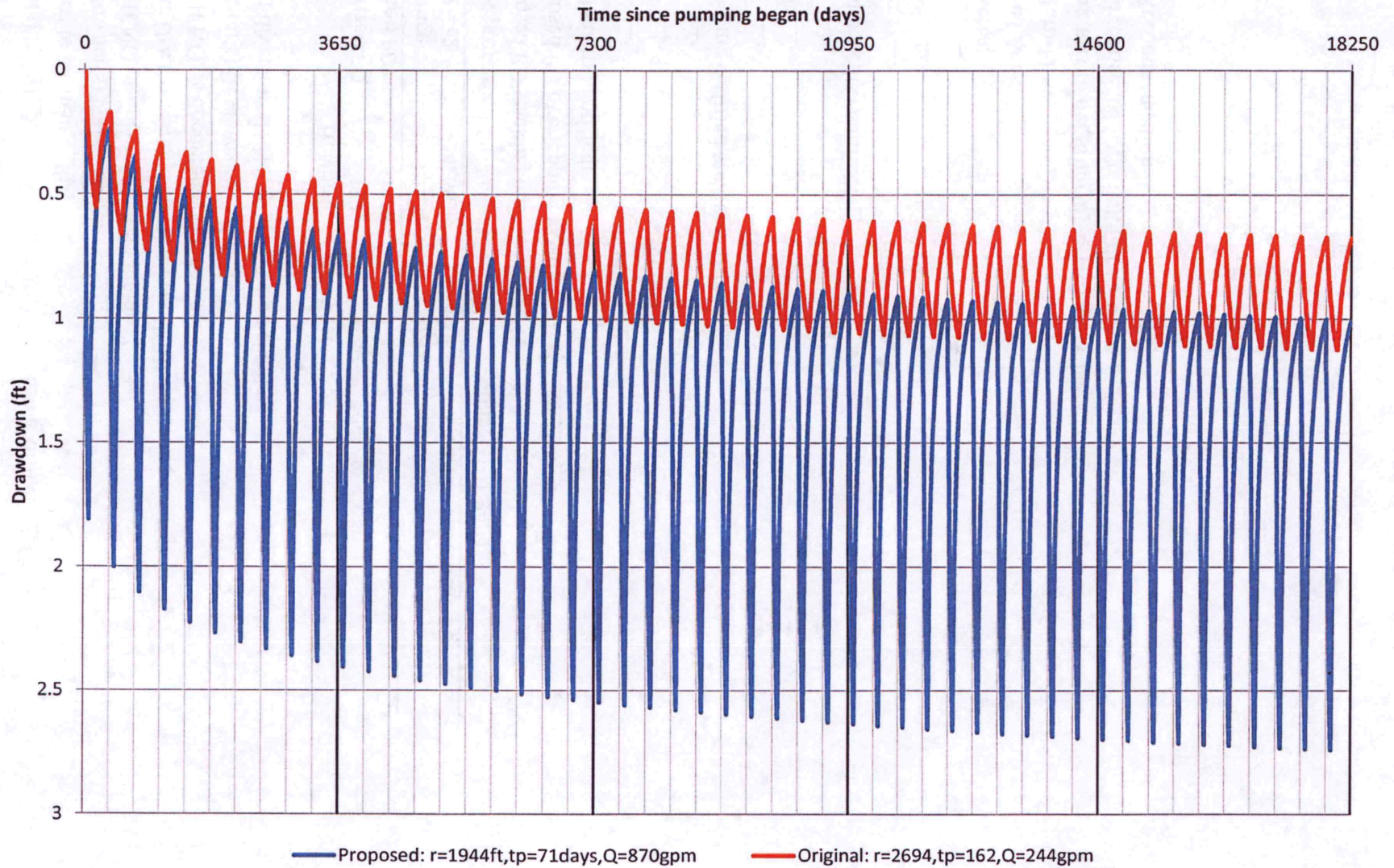
Spacing met to neighboring certified wells.

Is a waiver needed: Current rules are met.

Final Recommendation: .

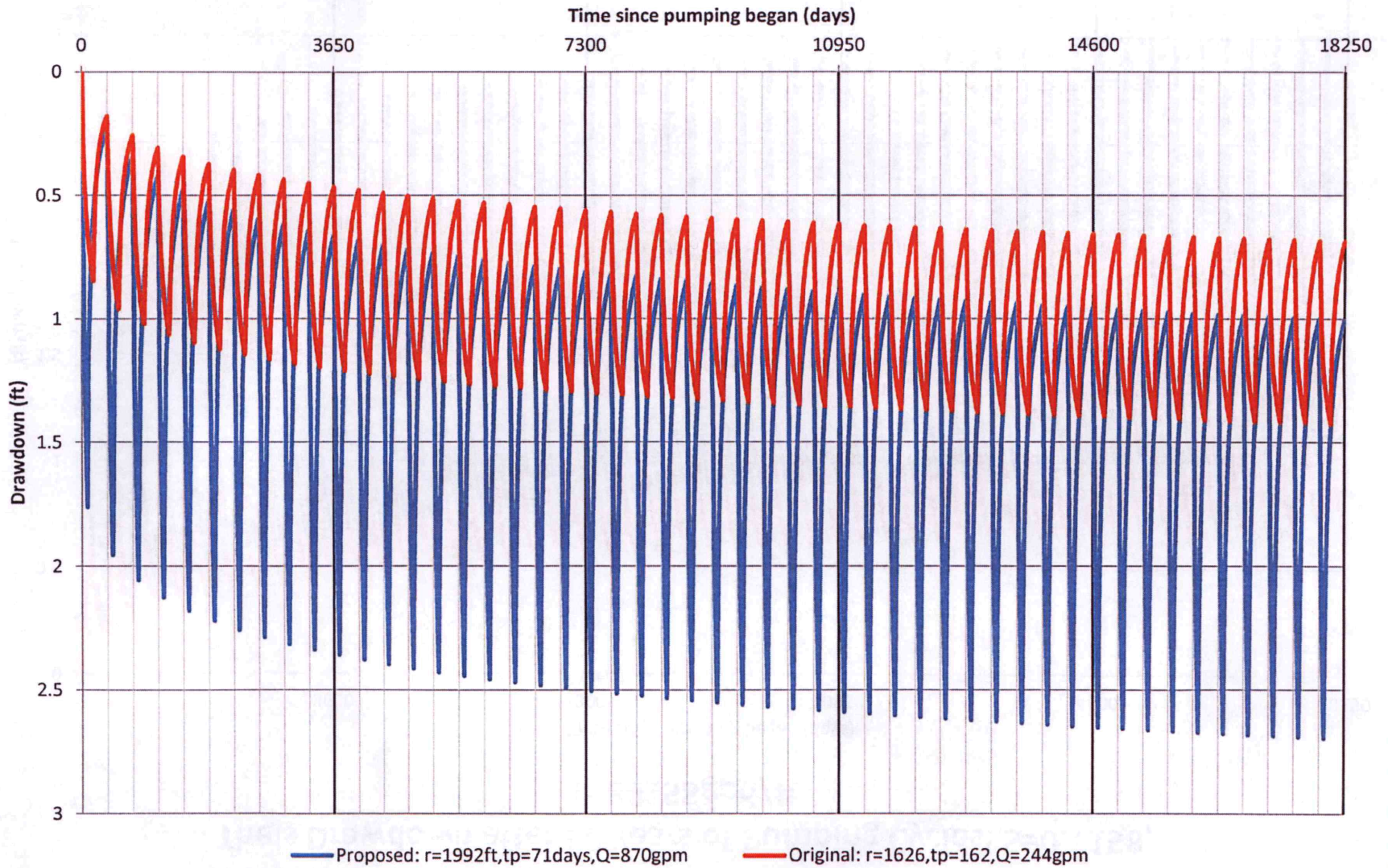
19155 sec. 26 ID#4

This Drawdown after 50 Years of Pumping Cycles: $S=0.1158$,
 $T=89158\text{gpd/ft}$



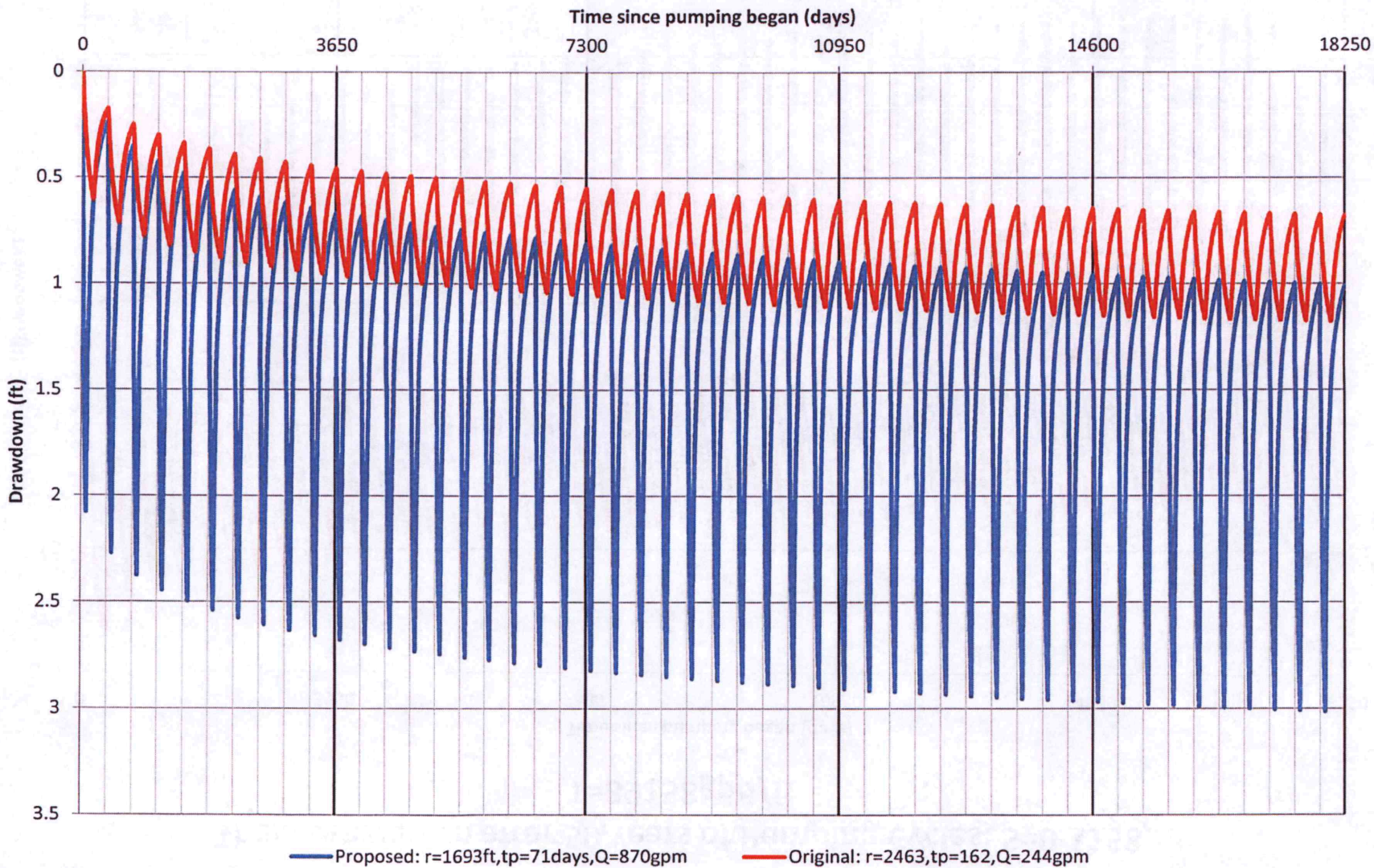
19155 Sec. 26 2D 6

Theis Drawdown after 50 Years of Pumping Cycles: $S=0.1158$, $T=89158\text{gpd/ft}$



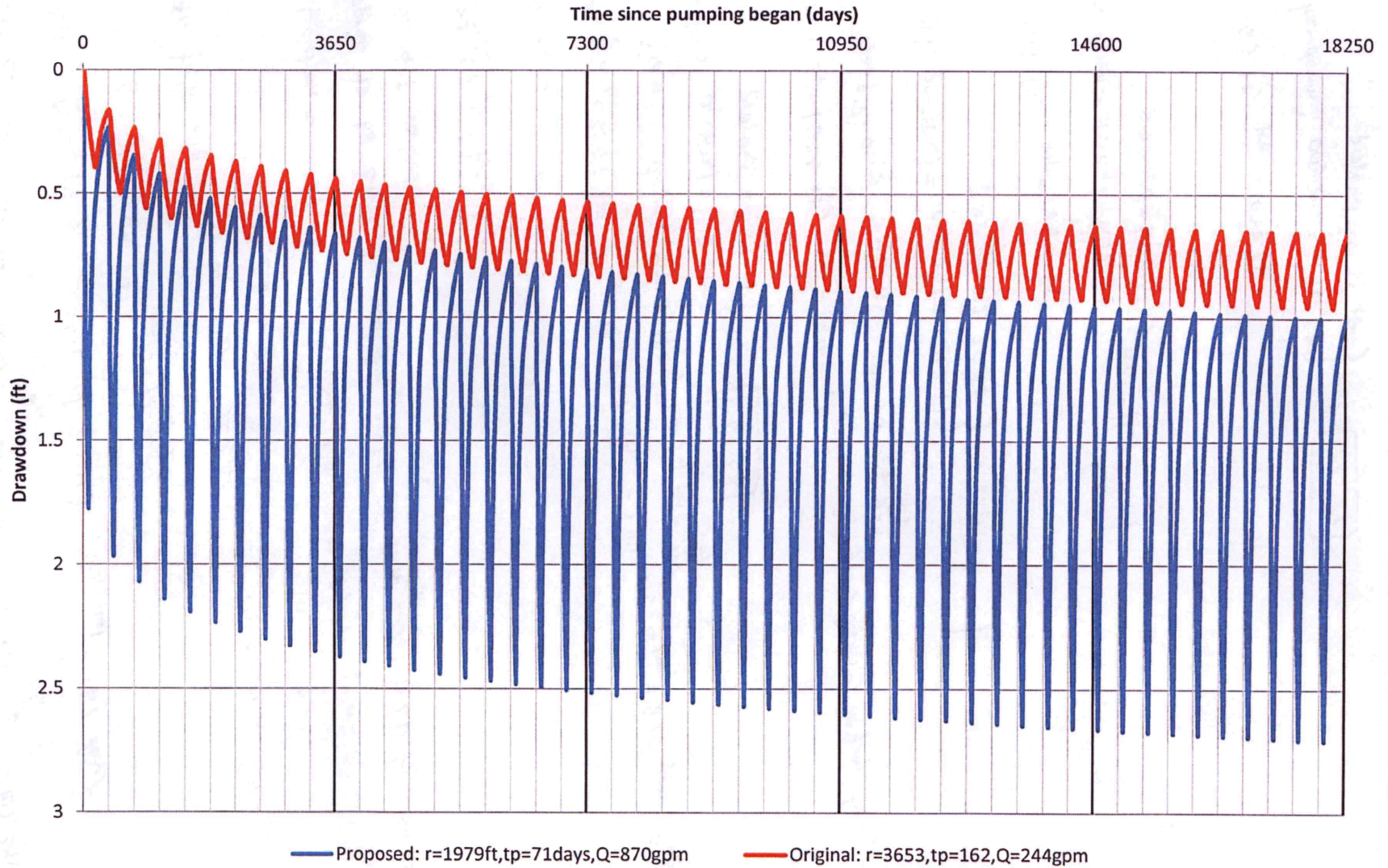
19154 ID 5

**Theis Drawdown after 50 Years of Pumping Cycles: $S=0.1158$,
 $T=89158\text{gpd/ft}$**



19154 ID 8

Thisis Drawdown after 50 Years of Pumping Cycles: $S=0.1158$,
 $T=89158\text{gpd/ft}$



19155

Moving 19155 ID 2 to new well location at lat. 37.84315 lon. -107.24045

A vs use = 174.3 AF, $Q = 244$ gpm (observed 2014), $t_{original} = 162$ days

proposed use = 272 AF, $Q = 870$ gpm, $t_{prop} = 71$ days

~~From model~~, water table elevation based on WIZARD well in section 35-25-36
= 2822 ft

elev at prop. well location = 3031 ft, depth to water = 209 ft

Sat. Thickness appears to be close to 200 ft, 2066 ST from model \rightarrow 216 ft, so use model's 2066 S_y & T values.

$S = 0.1158$, $T = 89,158$ gpd/ft

Analysis of nearby wells

Sec. 26 19155 ID 4: $r_{orig} = 2694$ ft, $r_{prop} = 1944$ ft, $Q_{orig} = 244$ gpm, $Q_{prop} = 870$ gpm, $t_{orig} = 162$ days, $t_{prop} = 71$ days, $S = 0.1158$, $T = 89,158$ $\frac{gpd}{ft}$
50 yr drawdown: original = 1.13 ft } net = 1.61 ft
proposed = 2.74 ft }

Sec. 26 19155 ID 6: $r_{orig} = 1626$ ft, $r_{prop} = 1992$ ft, $Q_{orig} = 244$ gpm, $Q_{prop} = 870$ gpm, $t_{orig} = 162$ days, $t_{prop} = 71$ days, $S = 0.1158$, $T = 89,158$ $\frac{gpd}{ft}$
50 yr drawdown: original = original = 1.42 ft } net = 1.28 ft
proposed = 2.70 ft }

19154 ID 5: $r_{orig} = 2463$ ft, $r_{prop} = 1693$ ft
50 yr drawdown: original = 1.18 ft } net = 1.83 ft
proposed = 3.01 ft }

19154 ID 8: $r_{orig} = 3653$ ft, $r_{prop} = 1979$ ft
50 yr drawdown: original = 0.96 ft } net = 1.75 ft
proposed = 2.71 ft }

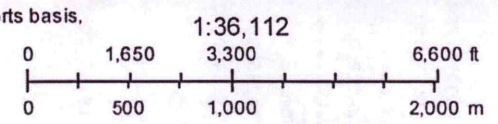
19155 Review



December 5, 2018
13:29 PM

DISCLAIMER: This map is not intended for conveyances, nor is it a legal survey. The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments.

GPS Position
Wells
 Other
 IRR
 CON
 DEW
 DOM
 FPR
 HYD
 IND
 MUN
 REC
 STK
 THX
 Empty
 WWC5 WELLS GMD3



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

126 ft N and 2719 ft W of the SE Corner of Section 26, T 25S, R 36W

Located at: 101.240449 West Longitude and 37.843150 North Latitude

GROUNDWATER ONLY

1600' on 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__ 14285 00	IRR	NK	G*	4024	---	---	NC	SE	1293	1346	27	25	36W	6		291.00	291.00	AF
A__ 19154 00	IRR	NK	G	1693	---	---	SW	NE	4141	3816	35	25	36W	5		272.00	272.00	AF
Same				3791	---	---	NW	NW	2285	4840	35	25	36W	6		272.00	272.00	AF
Same				3846	---	---	SW	NW	1575	2505	35	25	36W	7		272.00	272.00	AF
Same				1781	---	---	SE	NW	4005	1615	35	25	36W	8		272.00	272.00	AF
A__ 19155 00	IRR	NK	G*	4209	---	---	NC	SW	1320	3960	25	25	36W	2		272.00	272.00	AF
Same				4374	---	---	SW	SW	2936	4646	25	25	36W	6		272.00	272.00	AF
Same				1716	---	---	NC	SW	1320	3960	26	25	36W	2		272.00	272.00	AF
Same				1842	---	---	NC	SE	1320	1320	26	25	36W	4		272.00	272.00	AF
Same				2240	---	---	NW	NW	2340	2380	26	25	36W	6		272.00	272.00	AF
A__ 19156 D2	IRR	NK	G	3278	---	---	NW	NW	4980	4760	36	25	36W	6		272.00	272.00	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) =	3011.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	3011.00	.00

Spacing Appears met!

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:

101.240449 West Longitude and 37.843150 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

- File Number Use ST SR
- A__ 14285 00 IRR NK G
- > YOST FARMS
- >
- > 1142 RD AA
- > LAKIN KS 67860
-
- A__ 19154 00 IRR NK G
- > TFT ALFALFA FARMS LLC
- >
- > 1320 N COUNTY ROAD 11
- > LEOTI KS 67861
-
- > J CHARLES JAEGER
- > 706 COUNTRY HEIGHTS
- > PO BOX 347

> LAKIN KS 67860

A_ 19155 00 IRR NK G

> TFT ALFALFA FARMS LLC

>

> 1320 N COUNTY ROAD 11

> LEOTI KS 67861

A_ 19156 D2 IRR NK G

> TFT ALFALFA FARMS LLC

>

> 1320 N COUNTY ROAD 11

> LEOTI KS 67861

=====

INPUTS	
Target Section Definition	
Section	26
Township	25
Range	36
Range Direction	w
Target Point Coordinates (<i>NAD27</i> or <i>NAD83</i>)	
Target Longitude	-101.240450
Target Latitude	37.843150

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	37.84280806	-101.24957895
NW	37.85738017	-101.24963980
NE	37.85739542	-101.23137547
SE	37.84282332	-101.23148175
Degrees Longitude per Foot		3.46311993E-06
Degrees Latitude per Foot		2.74616195E-06
Target Point Distances from Corners using <i>NAD83</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	125	-2636
NW	-5182	-2654
NE	-5187	2620
SE	119	2590

Target point is In Section

Loaded Section Data From LEOBASE using <i>NAD27</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.84278900	-101.24913000
NW	37.85736100	-101.24919100
NE	37.85737600	-101.23092700
SE	37.84280400	-101.23103300
Degrees Longitude per Foot		3.46311903E-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	131	-2506
NW	-5175	-2524
NE	-5181	2750
SE	126	2719

Target point is In Section

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00001906	-0.00044895
NW	0.00001917	-0.00044880
NE	0.00001942	-0.00044847
SE	0.00001932	-0.00044875
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-6.94904142	-129.63678820
NW	-6.64818314	-129.59347007

WATER WELL RECORD

Form WWC-5

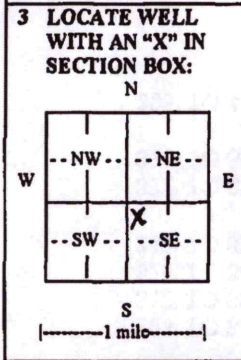
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: KEARNY	Fraction ¼ NW ¼ NW ¼ SE ¼	Section Number 26	Township No. T 25 S	Range Number R 36 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
---	------------------------------	----------------------	------------------------	---

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here S SIDE OF LAKIN-1 M S, 1/4 M E TO LAKIN LANE, 5 M S, 1 M E, 2,340 FT. N. & 2,380 FT. W.

Global Positioning System (GPS) information:
 Latitude: ...37.84867... (in decimal degrees)
 Longitude: -101.23979... (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model: GARMIN 62ST)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: TFT ALFALFA FARMS
 RR#, Street Address, Box #: 1320 N. COUNTY ROAD 11
 City, State, ZIP Code : LEOTI, KANSAS 67861



4 DEPTH OF COMPLETED WELL 390 ft.
 Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL.....ft. below land surface measured on mo/day/yr.....
 Pump test data: Well water was.....ft. after..... hours pumping..... gpm
 EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm
 Bore Hole Diameter .30.....in. to .390..... ft., andin. toft.
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.....
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other
 CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter ...16..... in. to .240..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface...12..... in., Weight 42.05.....lbs./ft., Wall thickness or gauge No. ...250.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
 SCREEN-PERFORATED INTERVALS: From...240..... ft. to ...390..... ft., From ft. to ft.
 From..... ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From... 20..... ft. to ...165..... ft., From 225..... ft. to 390..... ft.
 From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From ...0..... ft. to 20..... ft., From ...165..... ft. to 225..... ft., From ft. to ft.
 What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well
 Direction from well NORTHWEST..... Distance from well ...100 FT. N. & 260 FT. W.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 6-5-12..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 208..... This Water Well Record was completed on (mo/day/year) 6-19-12..... under the business name of MINTER-WILSON DRILLING CO., INC..... by (signature) *Dona Keller*.....

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. I include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

*The
Professionals*

MINTER-WILSON DRILLING CO.

INCORPORATED

Irrigation
and Domestic
Water Systems
Complete Installation
and Repairing

Phone 620-276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

NAME BRENT TOKOI - CIRCLE # T1
COUNTY KEARNY
DATE 4-4-12

LOCATION: SE 1/4 26-25-36 - RIVER ROAD & LAKIN LANE - 4-1/2 MILES SOUTH
& 1/2 MILE EAST
- 300 FT. SOUTHEAST OF EXISTING WELL

STATIC WATER LEVEL - APPROX. 220 FT.

TEST # 2

0' TO 10' - FINE SAND
10' TO 58' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
58' TO 92' - BROWN CLAY
92' TO 105' - FINE TO MEDIUM SAND & GRAVEL
105' TO 110' - BROWN SANDY CLAY
110' TO 125' - GRAY CLAY
125' TO 153' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
153' TO 194' - BLUE CLAY WITH LAYERS OF SAND & GRAVEL
194' TO 202' - BROWN SANDY CLAY
202' TO 211' - FINE TO MEDIUM SAND & GRAVEL
211' TO 234' - BROWN SANDY CLAY & SAND & GRAVEL LAYERED
234' TO 247' - FINE TO MEDIUM SAND & GRAVEL
WITH STRIPS OF BROWN SANDY CLAY - 20%
247' TO 271' - BROWN SANDY CLAY WITH STRIPS OF SAND - 15%
271' TO 293' - FINE TO MEDIUM SAND
WITH STRIPS OF BROWN SANDY CLAY - 20%
293' TO 312' - BROWN CLAY WITH STRIPS OF WHITE ROCK
312' TO 329' - BROWN SANDY CLAY WITH STRIPS OF SAND - 10%
329' TO 348' - FINE TO MEDIUM SAND WITH SOME SMALL GRAVEL
348' TO 372' - HARD BROWN & YELLOW CLAY
WITH 10% BROWN ROCK - 250 PULL DOWN
372' TO 376' - LOOSE BROWN ROCK
376' TO 395' - HARD BROWN & YELLOW CLAY
WITH 20% BROWN ROCK - 250 PULL DOWN
395' TO 455' - SHALE - 250 PULL DOWN

WATER WELL RECORD Form WWC-5 KSA 82a-1212

19155

1 LOCATION OF WATER WELL: County: **Kearny** Fraction: **SW 1/4 NE 1/4 NE 1/4** Section Number: **26** Township Number: **T 25 S** Range Number: **R 36 E 4V**

Distance and direction from nearest town or city street address of well if located within city?
From Lakin, 1 Mile South, 1/2 Mile East, 5 Miles South, 1 Mile East, 4,285 Ft. North & 950 Ft. West

2 WATER WELL OWNER: **AI Leasing, Inc.**
 RR#, St. Address, Box #: **P. O. Box 897** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Garden City, Kansas 67846** Application Number: **19,155**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: **360** ft. ELEVATION: _____

Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.

WELL'S STATIC WATER LEVEL **120** ft. below land surface measured on mo/day/yr **4-9-94**

Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm

Bore Hole Diameter: **30** in. to **360** ft., and _____ in. to _____ ft.

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____

Water Well Disinfected? Yes _____ No X

5 TYPE OF BLANK CASING USED:

<input checked="" type="radio"/> 1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued _____ Clamped _____
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded <input checked="" type="checkbox"/> X
				Threaded _____

Blank casing diameter **16** in. to **230** ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.
 Casing height above land surface **12** in., weight **42.05** lbs./ft. Wall thickness or gauge No. **250**

TYPE OF SCREEN OR PERFORATION MATERIAL:

<input checked="" type="radio"/> 1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify) _____
12 None used (open hole)				

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	<input checked="" type="radio"/> 3 Mill slot	<input checked="" type="radio"/> 6 Wire wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter	4 Key punched	7 Torch cut	9 Drilled holes	
10 Other (specify) _____				

SCREEN-PERFORATED INTERVALS: From **230** ft. to **360** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From **20** ft. to **360** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____

Grout intervals: From **0** ft. to **20** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	<input checked="" type="radio"/> 14 Abandoned water well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	16 Other (specify below)
13 Insecticide storage _____				

Direction from well? **Southeast** How many feet? **285 Ft. South & 30 Ft. East**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See attached Log			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **4-18-94** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **208**. This Water Well Record was completed on (mo/day/yr) **5-2-94** under the business name of **Minter-Wilson Drilling Co., Inc.** by (signature) *Nora Keller*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-298-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

*The
Professionals*

MINTER-WILSON DRILLING CO.

INCORPORATED

Irrigation
and Domestic
Water Systems
Complete Installation
and Repairing

Phone 276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

A. I. Leasing
Kearny County
2-18-94

Location: NE $\frac{1}{4}$ 26-25-36
1 $\frac{1}{2}$ Miles North of Fletcher Shop on Lakin
Lane, 1 Mile East, $\frac{1}{4}$ Mile North & $\frac{1}{4}$ Mile
West (299' N of Well)

Static Water Level -

Test #2

0' to 1' - Top soil
1' to 11' - Brown sandy clay
11' to 37' - Medium to coarse gravel
37' to 54' - Coarse gravel
54' to 63' - Brown clay
63' to 82' - Coarse gravel
82' to 109' - Brown clay
109' to 161' - Blue clay
161' to 199' - Fine to medium sand and gravel
199' to 215' - Brown sandy clay
215' to 232' - Brown clay with gravel streaks
232' to 238' - Fine to medium sand and gravel-10% clay
238' to 252' - Fine to medium sand and gravel-loose
252' to 277' - Brown sandy clay
277' to 294' - Fine to medium sand and gravel-10% clay
294' to 310' - Fine sand
310' to 323' - Brown sandy clay
323' to 334' - Brown clay
334' to 351' - Fine to medium sand and gravel -
15% clay - tight
351' to 364' - Brown clay
364' to 378' - Brown clay brown rock mixed - tight
378' to 385' - Brown clay
385' to 404' - Brown and yellow clay
404' to 410' - Shale - pull down

~~11/15/06~~

19,155

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: KEARNY	Fraction ¼ SW ¼ SW ¼ NW ¼	Section Number 25	Township No. T 25 S	Range Number R 36 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
--	------------------------------	----------------------	------------------------	---

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here
S SIDE OF LAKIN-1 M S, 1/4 M E TO LAKIN LANE, 5 M S, 2 M E, 2,936' NORTH & 4,646' WEST

Global Positioning System (GPS) information:
Latitude: (in decimal degrees)
Longitude: (in decimal degrees)
Elevation:
Datum: WGS 84, NAD 83, NAD 27
Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: TFT ALFALFA FARMS
RR#, Street Address, Box #: 1320 N COUNTY ROAD 11
City, State, ZIP Code : LEOTI, KANSAS 67861-6123

3 LOCATE WELL WITH AN "X" IN SECTION BOX:
N
W X E
S
-----1 mile-----

4 DEPTH OF COMPLETED WELL 370 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 273 ft. below land surface measured on mo/day/yr. 9-5-14.....
Pump test data: Well water was.....ft. after..... hours pumping..... gpm
EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm
Bore Hole Diameter .30.....in. to .370.....ft., andin. toft.
WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No
If yes, mo/day/yr sample was submitted.....
Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter ...16..... in. to ...260..... ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface...12..... in., Weight ...42.05.....lbs./ft., Wall thickness or gauge No. ...250.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From...260..... ft. to ...370..... ft., From ft. to ft.
From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From...20..... ft. to ...185..... ft., From ...245..... ft. to ...370..... ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout intervals: From ...0..... ft. to ...20..... ft., From ...185..... ft. to ...245..... ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well **N/A**
Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) ..9-5-14..... and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. ...208..... This Water Well Record was completed on (mo/day/year) ..9-8-14.....
under the business name of ..MINTER-WILSON DRILLING CO., INC..... by (signature) *Nora Kellen*.....

INSTRUCTIONS: Use typewriter or ball point pen. **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St, Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>

*The
Professionals*

MINTER-WILSON DRILLING CO.
INCORPORATED

Irrigation
and Domestic
Water Systems
Complete Installation
and Repairing

Phone 620-276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

NAME BRENT TOKOI
COUNTY KEARNY
DATE 8-13-14

LOCATION: NW 1/4 25-25-36 - KEARNY COUNTY - SOUTHWEST EDGE OF CIRCLE #3

STATIC WATER LEVEL - APPROX. 240 FT.

TEST #1

0' TO 1' - TOP SOIL
1' TO 13' - BROWN CLAY & BROWN SANDY CLAY
13' TO 93' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
93' TO 109' - BROWN & BLUE CLAY
109' TO 140' - FINE TO MEDIUM SAND & GRAVEL
140' TO 155' - BROWN CLAY
155' TO 168' - BROWN CLAY WITH GRAVEL STREAKS
168' TO 198' - FINE TO MEDIUM SAND & GRAVEL - 10% CLAY
198' TO 218' - BROWNCLAY
218' TO 235' - FINE TO MEDIUM SAND & GRAVEL
235' TO 260' - BROWN CLAY
260' TO 272' - FINE TO MEDIUM SAND & FINE GRAVEL
272' TO 275' - BROWN CLAY
275' TO 284' - FINE TO MEDIUM SAND
284' TO 320' - BROWN SANDY CLAY
320' TO 355' - FINE TO MEDIUM SAND & FINE GRAVEL
355' TO 385' - BROWN & YELLOW CLAY - HARD PULL DOWN
385' TO 410' - SHALE - HARD PULL DOWN

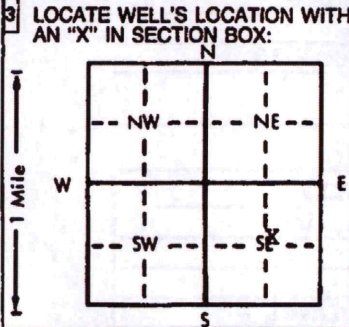
WATER WELL RECORD Form WWC-5 KSA 82a-1212

14285

1 LOCATION OF WATER WELL: Fraction Near Center $\frac{1}{4}$ $\frac{1}{4}$ SE $\frac{1}{4}$ Section Number 27 Township Number T 25 S Range Number R 36 EW

Distance and direction from nearest town or city street address of well if located within city?
 Approximately 6 miles South of Lakin, Ks.

2 WATER WELL OWNER: Warren Boegel
 RR#, St. Address, Box #: 1240 N. Shannon Ave. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Garden City, Ks. 67846 Application Number: 14,285



4 DEPTH OF COMPLETED WELL: 540 ft. **ELEVATION:**

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL: 141 ft. below land surface measured on mo/day/yr 7/15/89
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 1400 gpm: Well water was 300 ft. after 4 hours pumping 1468 gpm
 Bore Hole Diameter 24 in. to 540 ft. and in. to ft.
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No. : If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:

1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile **CASING JOINTS:** Glued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 16 in. to 540 ft. Dia in. to ft. Dia in. to ft.
 Casing height above land surface 12 in., weight 42.05 lbs./ft. Wall thickness or gauge No. 250W
TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From .475-.535 ft. to .340-.360 ft., From 211-271 ft. to ft.
 From .365-.385 ft. to .281-.321 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 540 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? North How many feet? 100'

LITHOLOGIC LOG		PLUGGING INTERVALS	
FROM	TO	FROM	TO
	See log attached.		

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7/13/89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145. This Water Well Record was completed on (mo/day/yr) under the business name of Henkle Drilling & Supply Company, Inc. by (signature) *Bruce Reichmuth*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 68620-7320. Telephone: 913-298-5514. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
R
EW
SEC
1/4
1/4
1/4

DRILLERS TEST LOG

CUSTOMER'S NAME: Kent Martin DATE: 3/15/89
 STREET ADDRESS: P. O. Box 365 TEST # 1 E. LOG
 CITY & STATE: Lakin, Ks. 67860 DRILLER Wildeman
 COUNTY Kearny QUARTER SE SECTION 27 TOWNSHIP 25 RANGE 36
 LOCATION 100' South of the old well.

X	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: _____
	From	To	TO		Proposed Well Depth:
	0		8	Sand fine.	
	8		17	Brown sandy clay.	
	17		66	Sand fine to medium coarse. Small to large gravel & cobblestones.	
	66		116	Brown sandy clay.	
	116		126	Sand fine to medium coarse. Small to medium gravel. Cemented ledges & Brown sandy clay.	
	126		134	Brown sandy clay.	
	134		138	Blue clay.	
60	138	8	146	Sand fine to medium coarse. Small to medium gravel.	
	146		160	Blue clay.	
20	160	26	186	Blue sand fine to medium coarse & Small to medium gravel & few blue clay streaks.	
	186		200	Blue clay.	
20	200	7	207	Sand fine to medium coarse. Small gravel (Blue)	
	207		211	Brown sandy clay.	
55	211	12	223	Sand fine to medium coarse & Small gravel. (used water)	
	223		230	Brown sandy clay & sand streaks.	
55	230	11	241	Sand fine to medium coarse & Small gravel. (used water)	
	241		243	Brown sandy clay.	
70	243	17	260	Sand fine to medium coarse & Small to medium gravel & very few clay streaks. (used water)	
	260		264	Brown sandy clay.	
55	264	7	271	Sand fine to medium coarse & Small gravel.	
	271		281	Sandy clay & Limerock.	
20	281	21	302	Sand fine to small.	
50	302	9	311	Sand fine to medium coarse. (used water)	
15	311	27	338	Brown sandy clay, limerock & fine sand.	
60	338	22	360	Sand fine to medium coarse & few white rock & few clay streaks.	
	360		365	Brown sandy clay.	
60	365	10	375	Sand fine to medium coarse. Small Brown gravel & white rock	
20	375	15	390	Sand fine to small & brown sandy clay.	
	390		391	Brown rock.	
	391		420	Brown & Gray soapstone & few sandstone streaks.	
	420		460	Grey & Blue shale, limestone ledges & soapstone.	
25	460	30	490	Shale & Dakota.	
30	490	48	538	Dakota, Shale & Soapstone. (Drilled lose) 525'	
				Used lots of water. Mixed Bran.	
	538		560	Limestone & Shale (very hard).	
Total Depth = 540'				1 set of 4 3/4" Blades - 1 sack Bran	JED "A"
				1 - Perma plug - 6 Quick-Gel	Pits on the East
				1 sack of Hole plug	Move hole 4'
					Clay might sluff

GARDEN CITY, KS 67846
 3795 West Jones Ave.

HENKLE DRILLING & SUPPLY CO., INC.

316-277-2389

IRRIGATION HEADQUARTERS

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

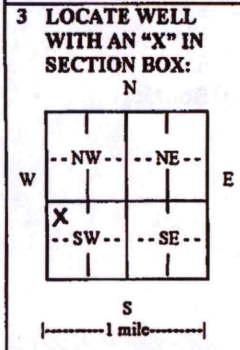
19,154

1 LOCATION OF WATER WELL: County: KEARNY	Fraction ¼ NW ¼ NW ¼ SW ¼	Section Number 35	Township No. T 25 S	Range Number R 36 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
---	-------------------------------------	-----------------------------	-------------------------------	--

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here
S END OF LAKIN-3 M S ON HWY 25, 1/4 M E TO LAKIN LANE, 4 M S, 1 M E, 2285' N-4840' W

Global Positioning System (GPS) information:
 Latitude: (in decimal degrees)
 Longitude: (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: **CHARLES JAEGER**
 RR#, Street Address, Box #: **PO BOX 347**
 City, State, ZIP Code : **LAKIN, KS 67860**



4 DEPTH OF COMPLETED WELL **450** ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL..... **175** ft. below land surface measured on mo/day/yr. **4-2-09**.....
 Pump test data: Well water was..... ft. after..... hours pumping..... gpm
EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm
 Bore Hole Diameter **30** in. to **450** ft. and in. to ft.
WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.....
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter ...**16**..... in. to ...**360**..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface..... **12**..... in., Weight **42.05**..... lbs./ft., Wall thickness or gauge No. ...**250**.....
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
SCREEN-PERFORATED INTERVALS: From ...**360**..... ft. to ...**450**..... ft., From ft. to ft.
GRAVEL PACK INTERVALS: From..... **20**..... ft. to ...**280**..... ft., From ...**340**..... ft. to ...**450**..... ft.
 From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From ...**0**..... ft. to ...**20**..... ft., From ...**280**..... ft. to ...**340**..... ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well **N/A**.....
 Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **4-19-09**..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ...**208**..... This Water Well Record was completed on (mo/day/year) ...**5-4-09**..... under the business name of **MINTER-WILSON DRILLING CO., INC.**..... by (signature) *Nora Keller*.....

INSTRUCTIONS: Use typewriter or ball point pen. **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

*The
Professionals*

MINTER-WILSON DRILLING CO.

Irrigation
and Domestic
Water Systems
Complete Installation
and Repairing

INCORPORATED

Phone 276-8289 • P.O. Box A • GARDEN CITY, KANSAS 67846

Chuck Jaeger
Kearny County
7/22/05

Location: SW $\frac{1}{4}$ 35-25-36 - From River Road & Lakin Lane - 5 $\frac{1}{2}$ Miles South,
384 Ft. East & 282 Ft. South

Static Water Level - 170 Ft.

Test #1

0' to 1' - Top soil
1' to 5' - Fine sand - loose
5' to 10' - Fine to medium sand - loose
10' to 35' - Fine to medium sand & gravel - clay strips
35' to 108' - Medium coarse gravel
108' to 112' - Brown clay
112' to 152' - Medium coarse gravel
152' to 158' - Brown clay
158' to 201' - Fine to medium sand & gravel - clay streak
201' to 220' - Brown sandy clay
220' to 232' - Fine to medium sand & gravel
232' to 257' - Brown clay - 35% gravel
257' to 296' - Brown sandy clay
296' to 350' - Brown sandy clay - small sand streak
350' to 360' - Brown clay
360' to 390' - Medium to coarse sand - loose
390' to 403' - Brown sandy clay
403' to 409' - Brown gray clay
409' to 430' - Medium sand small brown rock - loose
430' to 434' - Brown rock - loose
434' to 440' - Yellow shale

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

19,154

<p>1 LOCATION OF WATER WELL: County: KEARNY</p>	<p>Fraction ¼ SW ¼ NW ¼ SE ¼</p>	<p>Section Number 35</p>	<p>Township No. T 25 S</p>	<p>Range Number R 36 <input type="checkbox"/> E <input checked="" type="checkbox"/> W</p>
<p>Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> LAKIN-1 M S, 1/4 M E TO LAKIN LANE, 6 M S, 1 M E, 1,575 FT. NORTH & 2,505 FT. WEST</p>		<p>Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m</p>		
<p>2 WATER WELL OWNER: TFT ALFALFA FARMS RR#, Street Address, Box #: 1320 N. COUNTY ROAD 11 City, State, ZIP Code : LEOTI, KANSAS 67861</p>				

<p>3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E -- NW -- -- NE -- -- SW -- -- SE -- S ----- 1 mile -----</p>	<p>4 DEPTH OF COMPLETED WELL 425 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 189 ft. below land surface measured on mo/day/yr. 10-11-10 Pump test data: Well water wasft. after hours pumping gpm EST. YIELDgpm. Well water wasft. after hours pumping gpm Bore Hole Diameter 30in. to 425ft. andin. toft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	---

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter **16** in. to **225** ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface **12** in., Weight **42.05** lbs./ft., Wall thickness or gauge No. **250**

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From **225** ft. to **425** ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **20** ft. to **155** ft., From **215** ft. to **425** ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From **0** ft. to **20** ft., From **155** ft. to **215** ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well **N/A**

Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **10-11-10** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **208** This Water Well Record was completed on (mo/day/year) **10-12-10** under the business name of **WINTER-WILSON DRILLING CO., INC.** by (signature) *Nora Keller*

INSTRUCTIONS: Use typewriter or ball point pen. **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

The Professionals

MINTER-WILSON DRILLING CO.

INCORPORATED

Irrigation
and Domestic
Water Systems
Complete Installation
and Repairing

Phone 620-276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

NAME BRENT TOKOI - CIRCLE # T10
COUNTY KEARNY
DATE 8-2-10

LOCATION: SE 1/4 35-25-36 - FROM LAKIN LANE & PARALLEL ROAD -
3/4 OF A MILE EAST & 1/4 MILE NORTH'
- NORTHWEST EDGE OF CIRCLE
- 75 FT. NORTH OF PIVOT ROAD

STATIC WATER LEVEL -

TEST #2

0' TO 9' - BROWN SANDY CLAY
9' TO 105' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
WITH LAYERS OF BROWN SANDY CLAY
105' TO 120' - BROWN CLAY
120' TO 150' - BLUE CLAY
150' TO 155' - FINE TO MEDIUM SAND & GRAVEL
155' TO 168' - BLUE CLAY
168' TO 210' - FINE TO MEDIUM SAND & GRAVEL
210' TO 218' - BROWN CLAY
218' TO 242' - FINE TO MEDIUM SAND & GRAVEL
242' TO 283' - BROWN SANDY CLAY WITH STRIPS OF FINE SAND
283' TO 297' - FINE TO MEDIUM SAND - SOME GRAVEL
297' TO 324' - BROWN CLAY
324' TO 335' - FINE TO MEDIUM SAND - SOME SMALL GRAVEL
335' TO 344' - BROWN CLAY
344' TO 351' - FINE TO MEDIUM SAND & GRAVEL
351' TO 367' - SANDY BROWN, YELLOW & WHITE CLAY
WITH FINE TO MEDIUM SAND & GRAVEL - 50/50 - TIGHT
367' TO 380' - BROWN CLAY WITH SOME YELLOW, WHITE & RED CLAY
5% BROWN ROCK
380' TO 395' - BROWN, YELLOW & WHITE CLAY WITH 20% BROWN ROCK
395' TO 419' - SOFT GRAY SHALE WITH SOME BROWN & WHITE CLAY
15% BROWN ROCK
419' TO 440' - SHALE - 200 PULL DOWN

WATER WELL RECORD Form WWC-5 KSA 82a-1212

19154

1 LOCATION OF WATER WELL: County: Kearny Fraction SW 1/4 NE 1/4 NW 1/4 Section Number 35 Township Number T 25 S Range Number R 36 EW

Distance and direction from nearest town or city street address of well if located within city? From Lakin - 1 Mile South on Hwy. 25, 1/4 Mile East, 6 Miles South, 1 Mile East, 3890 Ft. West & 4155 Ft. North

2 WATER WELL OWNER: A. I. Leasing Well #53 RR#, St. Address, Box #: P. O. Box 897 Board of Agriculture, Division of Water Resources City, State, ZIP Code: Garden City, Kansas 67846 Application Number: 19154

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram of a 36-section grid with 'X' in the NW section] 4 DEPTH OF COMPLETED WELL: 420 ft. ELEVATION: ... WELL'S STATIC WATER LEVEL: 126 ft. below land surface ...

5 TYPE OF BLANK CASING USED: 1 Steel, 2 PVC, 3 RMP (SR), 4 ABS, 5 Wrought iron, 6 Asbestos-Cement, 7 Fiberglass, 8 Concrete tile, 9 Other, 10 Asbestos-cement, 11 Injection well, 12 Other. SCREEN OR PERFORATION MATERIAL: 1 Steel, 2 Brass, 3 Stainless steel, 4 Galvanized steel, 5 Fiberglass, 6 Concrete tile, 7 PVC, 8 RMP (SR), 9 ABS, 10 Asbestos-cement, 11 Other, 12 None used. SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot, 2 Louvered shutter, 3 Mill slot, 4 Key punched, 5 Gauzed wrapped, 6 Wire wrapped, 7 Torch cut, 8 Saw cut, 9 Drilled holes, 11 None (open hole). SCREEN-PERFORATED INTERVALS: From 230 ft. to 420 ft. GRAVEL PACK INTERVALS: From 20 ft. to 420 ft.

6 GROUT MATERIAL: 1 Neat cement, 2 Cement grout, 3 Bentonite, 4 Other. Grout Intervals: From 0 ft. to 20 ft. What is the nearest source of possible contamination: 1 Septic tank, 2 Sewer lines, 3 Watertight sewer lines, 4 Lateral lines, 5 Cess pool, 6 Seepage pit, 7 Pit privy, 8 Sewage lagoon, 9 Feedyard, 10 Livestock pens, 11 Fuel storage, 12 Fertilizer storage, 13 Insecticide storage, 14 Abandoned water well, 15 Oil well/Gas well, 16 Other (specify below). Direction from well? Southwest How many feet? 210 ft. south & 170 ft. west

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Content: See attached log

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 1-15-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 208 This Water Well Record was completed on (mo/day/yr) 2-9-93 under the business name of Minter-Wilson Drilling Co., Inc. by (signature) Nora Keller

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5645. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

19,154

1 LOCATION OF WATER WELL: County: KEARNY	Fraction ¼ SE ¼ NW ¼ NE ¼	Section Number 35	Township No. T 25 S	Range Number R 36 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> S SIDE OF LAKIN-1 M S, 1/4 M E TO LAKIN LANE, 6 M S, 1 M E, 4,005 FT. N. & 1,615 FT. W.		Global Positioning System (GPS) information: Latitude: 37.83924 (in decimal degrees) Longitude: -101.23593 (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input checked="" type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: Garmin 62ST) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: TFT ALFALFA FARMS RR#, Street Address, Box #: 1320 N COUNTY ROAD 11 City, State, ZIP Code : LEOTI, KANSAS 67861				

<p>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</p> <p style="text-align: center;">N</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">W</td> <td style="width: 20px; text-align: center;">NW</td> <td style="width: 20px; text-align: center;">X NE</td> <td style="width: 20px; text-align: center;">E</td> </tr> <tr> <td></td> <td style="text-align: center;">SW</td> <td style="text-align: center;">SE</td> <td></td> </tr> </table> <p style="text-align: center;">S</p> <p style="text-align: center;"> -----1 mile----- </p>	W	NW	X NE	E		SW	SE		<p>4 DEPTH OF COMPLETED WELL 430 ft.</p> <p>Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.</p> <p>WELL'S STATIC WATER LEVEL 280 ft. below land surface measured on mo/day/yr. 8:10:12</p> <p>Pump test data: Well water was.....ft. after..... hours pumping..... gpm</p> <p>EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm</p> <p>Bore Hole Diameter .30 in. to .430 ft., andin. toft.</p> <p>WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well</p> <p>Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, mo/day/yr sample was submitted.....</p> <p>Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
W	NW	X NE	E						
	SW	SE							

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter ...**18**..... in. to **260**..... ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface.....**12**..... in., Weight **42.05**.....lbs./ft., Wall thickness or gauge No. **250**.....

TYPE OF SCREEN OR PERFORATION MATERIAL:

Steel Stainless Steel PVC Other (Specify)

Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)

Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From **260**..... ft. to **430**..... ft., From ft. to ft.

From..... ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **20**..... ft. to **190**..... ft., From **250**..... ft. to **430**..... ft.

From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From **0**..... ft. to **20**..... ft., From **190**..... ft. to **250**..... ft., From ft. to ft.

What is the nearest source of possible contamination:

Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)

Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well

Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well

Direction from well **SOUTHEAST** Distance from well **.45' S. & 295' W.**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **8-16-12**..... and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. **208**..... This Water Well Record was completed on (mo/day/year) **8-17-12**..... under the business name of **MINTER-WILSON DRILLING CO., INC.**..... by (signature) *W. Kellen*.....

INSTRUCTIONS: Use typewriter or ball point pen. **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.



Domestic

WATER WELL RECORD Form WWC-5 1182716

Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Kearny Fraction NW 1/4 NW 1/4 NW 1/4 SW 1/4 Section Number 35 Township Number T 25 S Range Number R 36 E W

2 WELL OWNER: Last Name: Jaeger First: Chuck Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: river road & lakin lane 5 1/2 miles s. 300 ft e.

3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram] 4 DEPTH OF COMPLETED WELL: 520 ft. 5 Latitude: 37.83524 Longitude: 101.24883 6 Elevation: 3027 ft.

7 WELL WATER TO BE USED AS: 1. Domestic 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply 6. Dewatering 7. Aquifer Recharge 8. Monitoring 9. Environmental Remediation 10. Oil Field Water Supply 11. Test Hole 12. Geothermal 13. Other

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 5 in. to 520 ft. Diameter 18 in. to 520 ft. Weight 18 lbs./ft. Wall thickness or gauge No. sdr17

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 4 ft. to 30 ft. From 240 ft. to 260 ft.

Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include lithology descriptions like 'fine sand & clay', 'sand & gravel with streaks clay', 'clay', 'streaks of sand gravel & clay', 'clay with streaks of sand', 'clay fine sand brown rock', 'sandstone & shale'.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 01/11/2014 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 775 This Water Well Record was completed on (mo-day-year) 01/18/2014 under the business name of Martin's Well Service

The
Professionals

MINTER-WILSON DRILLING CO.

INCORPORATED

Irrigation
and Domestic
Water Systems
Complete Installation
and Repairing

Phone 620-276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

NAME BRENT TOKOI - CIRCLE # T8
COUNTY KEARNY
DATE 6-5-12

LOCATION: NE 1/4 35-25-36 - LAKIN LANE & PARALLEL ROAD - 1/2 MILE NORTH,
1/4 MILE NORTH & 1/4 MILE EAST
- WEST OF PIVOT

STATIC WATER LEVEL - APPROX. 230 FT.

TEST # 1

0' TO 3' - SAND
3' TO 12' - BROWN SANDY CLAY
12' TO 105' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
105' TO 110' - BROWN CLAY
110' TO 145' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
145' TO 160' - BLUE CLAY
160' TO 197' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
197' TO 215' - BROWN SANDY CLAY
215' TO 232' - FINE TO MEDIUM SAND & GRAVEL
232' TO 255' - BROWN SANDY CLAY
255' TO 275' - BROWN CLAY
275' TO 283' - BROWN SANDY CLAY
WITH LAYERS OF SAND - 25%
283' TO 290' - FINE TO MEDIUM SAND & GRAVEL
290' TO 305' - BROWN CLAY
305' TO 323' - BROWN SANDY CLAY
323' TO 333' - FINE TO MEDIUM SAND
WITH STRIPS OF BROWN SANDY CLAY - 15%
333' TO 336' - BROWN SANDY CLAY
336' TO 355' - FINE TO MEDIUM SAND & SMALL GRAVEL
WITH STRIPS OF BROWN SANDY CLAY - 20%
355' TO 400' - BROWN SANDY CLAY
WITH STRIPS OF SAND - 10%
400' TO 405' - FINE TO MEDIUM SAND, GRAVEL & BROWN ROCK
WITH STRIPS OF BROWN SANDY CLAY - 20%
405' TO 411' - LOOSE BROWN ROCK
411' TO 418' - BROWN & YELLOW CLAY
WITH 20% BROWN ROCK
418' TO 425' - LOOSE BROWN ROCK
425' TO 435' - FINE TO MEDIUM SAND
435' TO 437' - HARD BLACK ROCK - 300 PULL DOWN
437' TO 451' - SAND STONE - TIGHT - 250 PULL DOWN

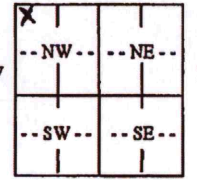
WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

19,156

1 LOCATION OF WATER WELL: County: KEARNY	Fraction ¼ NW ¼ NW ¼ NW ¼	Section Number 36	Township No. T 25 S	Range Number R 36 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> LAKIN-1 M S, 1/4 M E TO LAKIN LANE, 6 M S, 2 M E, 4,980 FT. NORTH & 4,760 FT. WEST		Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: RR#, Street Address, Box #: TFT ALFALFA FARMS 1320 N. COUNTY ROAD 11 City, State, ZIP Code : LEOTI, KANSAS 67861				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N  S -----1 mile-----	4 DEPTH OF COMPLETED WELL 480 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL...218..... ft. below land surface measured on mo/day/yr. 10-7-10..... Pump test data: Well water was.....ft. after..... hours pumping..... gpm EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm Bore Hole Diameter .30.....in. to .480.....ft., andin. toft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	--

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter ...16..... in. to .255..... ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface...12..... in., Weight 42.05.....lbs./ft., Wall thickness or gauge No. ...250.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From...255..... ft. to ...480..... ft., From ft. to ft.
From..... ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From...20..... ft. to ...175..... ft., From .235..... ft. to 480..... ft.
From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From ...0..... ft. to ...20..... ft., From ...175..... ft. to ...235..... ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well N/A

Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 10-7-10..... and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. 208..... This Water Well Record was completed on (mo/day/year) 10-7-10.....
under the business name of MINTER-WILSON DRILLING CO., INC. by (signature) *Ara Keller*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5322. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

The
Professionals

MINTER-WILSON DRILLING CO.

INCORPORATED

Irrigation
and Domestic
Water Systems
Complete Installation
and Repairing

Phone 620-276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

NAME BRENT TOKOI - CIRCLE # T9
COUNTY KEARNY
DATE 8-26-10

LOCATION: NW 1/4 36-25-36 - FROM LAKIN LANE & PARALLEL ROAD-
1 1/2 MILE EAST, 1 MILE NORTH AND
1/2 MILE WEST
- NORTHWEST EDGE OF CIRCLE

STATIC WATER LEVEL -

TEST # 1

0' TO 10' - FINE PACKED SAND
10' TO 14' - BROWN SANDY CLAY
14' TO 78' - FINE TO MEDIUM SAND & GRAVEL-SOME COARSE
WITH LAYERS OF BROWN SANDY CLAY
78' TO 85' - BROWN SANDY CLAY
85' TO 91' - GRAY CLAY
91' TO 102' - FINE TO MEDIUM SAND & GRAVEL-SOME COARSE
102' TO 110' - BLUE CLAY
110' TO 145' - FINE TO MEDIUM SAND & GRAVEL-SOME COARSE
WITH LAYERS OF BROWN SANDY CLAY
145' TO 155' - BROWN SANDY CLAY
155' TO 172' - BLUE CLAY
172' TO 194' - FINE TO MEDIUM SAND & GRAVEL
194' TO 245' - BROWN SANDY CLAY
WITH LAYERS OF SAND & GRAVEL 20%
245' TO 259' - FINE TO MEDIUM SAND & GRAVEL
WITH STRIPS OF BROWN SANDY CLAY 10%
259' TO 277' - BROWN SANDY CLAY WITH LAYERS OF SAND 30%
277' TO 338' - BROWN SANDY CLAY WITH STRIPS OF WHITE ROCK
AND A FEW STRIPS OF SAND
338' TO 347' - FINE TO MEDIUM SAND & GRAVEL
WITH STRIPS OF BROWN SANDY CLAY 10%
347' TO 359' - BROWN SANDY CLAY WITH STRIPS OF SAND & GRAVEL 15%
359' TO 384' - FINE TO MEDIUM SAND AND GRAVEL
WITH STRIPS OF BROWN SANDY CLAY 20%
384' TO 412' - BROWN SANDY CLAY
412' TO 419' - LOOSE BROWN ROCK
419' TO 433' - BROWN ROCK WITH LAYERS OF BROWN & YELLOW CLAY 30%
433' TO 440' - BROWN AND YELLOW CLAY AND GRAY SHALE
WITH LAYERS OF BROWN ROCK 30%
440' TO 453' - WHITE, YELLOW & BROWN CLAY AND GRAY SHALE
WITH 20% BROWN ROCK
453' TO 476' - SAND STONE WITH SOME WHITE CLAY AND
GRAY SHALE STRIPS 20%
476' TO 485' - SHALE WITH HARD BROWN AND WHITE CLAY- 250 PULL DOWN
485' TO 500' - SHALE - 250 PULL DOWN

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

November 4, 2018

December

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

Re: Water Right File No. 19155

Dear Mr. Norquest;

This is to advise you that TFT Alfalfa Farms LLC have filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the place of use for the above referenced files.

We are delaying action on the change application to allow you time to review and provide a recommendation. Based on information in the files, it appears there are no wells within one half mile. 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, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
Enclosure