

Kansas Department of Agriculture
Division of Water Resources
PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: <p style="text-align: center;">49,921</p>	2. Status Change Date: <p style="text-align: center;">11/17/2018</p>	3. Field Office: <p style="text-align: center;">01</p>	4. GMD: <p style="text-align: center;">0</p>
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5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

6. Enclosures: Check Valve N of C Form Water Tube Driller Copy Meter

<p>7a. Applicant(s) Person ID 31937 New to system <input type="checkbox"/> Add Seq# _____</p> <p>WALKER FEEDLOT INC HARVEY WALKER 612 LARK RD HOPE KS 67451</p>	<p>7c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>
<p>7b. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p> <p>7a.</p>	<p>7d. Misc. Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>

<p>8. WUR Correspondent Person ID _____ New to system <input type="checkbox"/> Add Seq# _____ Overlap File (s) WUC Notarized WUC Form <input type="checkbox"/> Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>7a.</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN</p> <p><input checked="" type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input type="checkbox"/> IND SIC: _____ <input type="checkbox"/> OTHER: _____</p>
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10. Completion Date: 12/31/2019 11. Perfection Date: 12/31/2023 12. Exp Date: _____

13. Conservation Plan Required? Yes No Date Required: _____ Date Approved: _____ Date to Comply: _____

14. Water Level Measuring Device? Yes No Date to Comply: _____ Date WLMD Installed: _____

Date Prepared: **12/19/2017** By: **DWS**
Date Entered: **11/18/2018** By: **UM**

File No. **49,921** 15. Formation Code: **530** Drainage Basin: **Smoky Hill River** County: **DK** Special Use: Stream:

16. Points of Diversion											
T	MOD	DEL	ENT	PDIV	Qualifier	S	T	R	ID	'N	'W
√				71124	SE SE SE	33	15	3E	2	220	71

17. Rate and Quantity				
Authorized		Additional		
Rate gpm	Quantity mgy	Rate gpm	Quantity mgy	Overlap PD Files
99	27.4	99	27.4	46,113

18. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

19. Limitation: _____ mg/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

20. Meter Required? Yes No To be installed by **12/31/2019** Date Acceptable Meter Installed _____

21. Place of Use		NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? - NO	Overlap Files							
T	MOD	DEL	ENT	PUSE	S	T	R	ID	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼								
√				56830	33	15S	3E	1	FEEDLOT (S2)																	7a.	No	46,112 & 46,113

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
M E M O R A N D U M

TO: Files

DATE: December 19, 2017

FROM: Doug Schemm

RE: Application, File No. 49,921

Walker Feedlot Inc. (% Harvey Walker) has filed the referenced application to appropriate 27.4 million gallons (84 acre-feet) of groundwater from an existing well, at a rate of diversion of 99 gallons per minute for stockwatering use at a cattle feedlot located in the South Half of Section 33, Township 15 South, Range 3 East, in Dickinson County. The facility is located within the Smoky Hill River basin. The proposed place of use is wholly owned by the applicant, and the application form has been signed by the applicant, stating he has access to the point of diversion. Note that the requested quantity is the same as the senior file (46,113) was originally approved for.

Water Right, File No. 46,113 overlaps in both point of diversion and place of use, while File No. 46,112 overlaps in place of use with the pending application. The two senior files together authorize only 2.04 million gallons of water. The applicant has provided information with the new application, to justify the requested quantity of water, as follows:

$$5000 \text{ head of cattle} \times 15 \text{ gal/head} \times 365 \text{ Days/year} = 27.4 \text{ million gallons}$$

Please note that for similar cattle feedlot operations, additional water is typically needed for cooling, sanitation, pen cleaning, etc, which can easily require several more million gallons. Therefore, it is proposed that the pending application be all additional water, since the senior files are authorized such a small quantity of water, and the additional water is reasonable and justified.

A review of the well log for the senior file 46,113 shows alternating shales and limestones, which is typical for this area of the state. Total depth of the well is 106 feet, with a depth to static water level of 73 feet below ground surface. Groundwater was encountered at a depth of 79 feet below ground surface, and this would indicate that the bedrock aquifer is under slightly confined conditions. Again, this is also typical for wells in this area where the "broken shale" strata are believed to be the water source for the wells. Based on a review of other water rights in the general area, and the WWC-5 database, it appears that the source of water is likely the fractured shale formations in the Permian system (Sumner Group). In order to be consistent with other area water rights (and the applicant's senior file), the source will be listed as the Sumner Group (Formation Code 530). Since the aquifer is likely confined, K.A.R. 5-3-14 describes the methodology to determine safe yield, as follows:

- (a) Each application to appropriate water from a confined aquifer shall be processed on a case by case basis so that the safe yield of the source of water supply is not exceeded.
- (b) Until a specific regulation is adopted by the chief engineer for the confined source of water supply, the analysis shall be made using the best information reasonably available to the chief engineer.

No specific regulation has been adopted by the chief engineer for the Sumner Group aquifer; therefore the best information available should be utilized. Based on other local area wells, the bedrock aquifer appears to extend throughout this area; therefore it would appear reasonable to use the extent of the bedrock aquifer as the area of consideration. The potential annual recharge established for this area for unconfined aquifers (3 inches) would provide a maximum quantity of recharge possible. For this specific application, the area of consideration provides a total of 8,042 acres. Based on a potential recharge of 3 inches, with 100% available for appropriation, safe yield was determined to be 2,010.5 acre-feet. There are only five current water rights in this area, and they have appropriated 98.58 acre-feet, so there is obviously sufficient quantity of water available for appropriation, and the application meets safe yield criteria.

Although it is likely that the confined bedrock aquifer system would receive somewhat less recharge than a near-surface, unconfined aquifer, this safe yield value for unconfined aquifers per K.A.R. 5-3-11 provides a maximum quantity of water available in the area of consideration. If there is a significant quantity of water still remaining, then even with significant reduced recharge to the confined aquifer (in this case it would require only 10% of the maximum recharge value or 0.3 inches of recharge) there would still be sufficient water available. Therefore, based on the above discussion, it appears that this application can be approved per K.A.R. 5-3-14, using the best information reasonably available to the chief engineer.

The applicant identified three potential domestic wells within one-half mile of the proposed point of diversion. Nearby notification letters were sent out on November 28, 2017. A telephone call was received from Larry Gruber one of the domestic well owners. He expressed concerns of potential impact to his well both in quantity and quality of water. Mr. Gruber said he has had both a windmill and another nearby domestic well go dry in the past, and had to drill his current well in 1988. We discussed well spacing and safe yield of the aquifer, and reviewed his well log, which shows about 5 feet of saturated aquifer thickness extending from 94 feet to 99 feet below ground surface depth (although static water level is 87 feet below ground surface). Mr. Gruber's well has a total depth of 99 feet below ground surface. Mr. Walker's well log encountered groundwater at 79 feet below ground surface and has a total depth of 106 feet below ground surface, with static water level of 73 feet. I informed him that the application met our regulations and would likely be approved, but he could notify us of problems in the future. He seemed satisfied and didn't want to keep Mr. Walker from running his business. I informed him that DWR cannot address quality concerns. The pending application meets well spacing of 1,320 feet to all other non-domestic wells, with the nearest non-domestic well located over 4,800 feet away. The nearest domestic well is located over 660 feet away, which meets spacing. On December 19, 2017, I discussed the limited saturated thickness in these local wells with Mr. Walker, and that we couldn't allow him to impair the domestic wells when pumping his supply well. He didn't think it would cause a problem with the limited pumping rate of his supply well.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

In a December 14, 2017 discussion, Katie Tietsort, Water Commissioner, Topeka Field Office, recommended approval of the referenced application. Based on the above discussion, well spacing and safe yield criteria are met, approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, and it will provide additional water for the feedlot operation, it is recommended that the referenced new application be approved.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

January 18, 2018

WALKER FEEDLOT INC
% HARVEY WALKER
612 LARK RD
HOPE KS 67451

FILE COPY

RE: Appropriation of Water, File No. 49,921

Dear Mr. Walker:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approval documents. A water meter is required on the proposed diversion works and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed.

All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right. If you have any questions, please contact our office. If you wish to discuss this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:dws

Enclosures

pc: Topeka Field Office

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
and
PERMIT TO PROCEED**
(This Is Not a Certificate of Appropriation)

This is to certify that I have examined Application, **File No. 49,921** of the applicant

**WALKER FEEDLOT INC
HARVEY WALKER
612 LARK RD
HOPE KS 67451**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

1. That the priority date assigned to such application is **October 9, 2017**.
2. That the water sought to be appropriated shall be used for stockwatering use in the South Half (S½) of Section 33, Township 15 South, Range 3 East, Dickinson County, Kansas.
3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of one (1) well located in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE¼ SE¼ SE¼) of Section 33, more particularly described as being near a point 220 feet North and 71 feet West of the Southeast corner of said section, in Township 15 South, Range 3 East, Dickinson County, Kansas, located substantially as shown on the topographic map accompanying the application.
4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **99 gallons per minute** (0.22 c.f.s.) and to a quantity not to exceed **27.4 million gallons** (84 acre-feet) of water for any calendar year.
5. That installation of works for diversion of water shall be completed on or before **December 31, 2019**, or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$400.00, when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.
6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2023**, or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.
13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).
14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
16. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.
17. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Ordered this 17th day of January, 2018, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau

Lane P. Letourneau, L.G.
Program Manager
Water Appropriation Program
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 17th day of January, 2018, by Lane P. Letourneau, L.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson

Notary Public

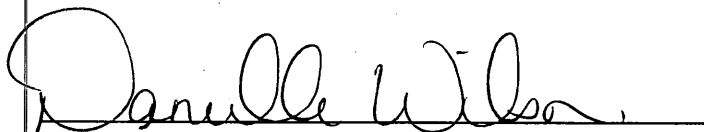
CERTIFICATE OF SERVICE

On this 18th day of January, 2018, I hereby certify that the foregoing Approval of Application, File No. 49,921, dated January 17, 2018 was mailed postage prepaid, first class, US mail to the following:

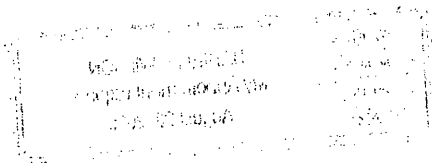
WALKER FEEDLOT INC
HARVEY WALKER
612 LARK RD
HOPE KS 67451

With photocopies to:

Topeka Field Office



Division of Water Resources



APPLICATION COMPLETE

12/18/2017

Reviewer DWS

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

File Number

49921

This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED

WATER RESOURCES RECEIVED

DEC 20 2017

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

Filing Fee Must Accompany the Application

(Please refer to Fee Schedule attached to this application form.)

OCT 09 2017

9:54

KS DEPT OF AGRICULTURE

KS DEPT OF AGRICULTURE

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): WALKER FEEDLOT INC HARVEY WALKER
Address: 612 LARK RD
City: Hope State KS Zip Code 67451
Telephone Number: (785) 366-0264

2. The source of water is: [] surface water in (stream)
OR [x] groundwater in Smoky Hill River Basin (drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 27.4 million gallons (84 acre-feet) per calendar year, to be diverted at a maximum rate of 99 gallons per minute OR cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can NOT be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):
(a) [] Artificial Recharge (b) [] Irrigation (c) [] Recreational (d) [] Water Power
(e) [] Industrial (f) [] Municipal (g) [x] Stockwatering (h) [] Sediment Control
(i) [] Domestic (j) [] Dewatering (k) [] Hydraulic Dredging (l) [] Fire Protection
(m) [] Thermal Exchange (n) [] Contamination Remediation

YOU MUST COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:

F.O. GMD Meets K.A.R. 5-3-1 (YES/NO) Use SRK Source GDS County DK By Ashw Date 10/9/17
Code REG Fee \$ 200 TR # Receipt Date 10/9/17 Check # 23152

5. The location of the proposed wells, pump sites or other works for diversion of water is:

Note: For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

(A) One in the SE quarter of the SE quarter of the SE quarter of Section 33, more particularly described as being near a point 220 feet North and 71 feet West of the Southeast corner of said section, in Township 15 South, Range 3 East, Dickinson County, Kansas.

(B) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

(C) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

(D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

Same as applicant
(name, address and telephone number)

(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on Sept. 25, 2017. Harvey Walker
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of one well
(number of wells, pumps or dams, etc.)

and was completed (by) 9-12-92
(Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be upon approval.
(Mo/Day/Year)

9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?

Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

- If yes, show the Water Structures permit number here _____
- If no, explain here why a Water Structures permit is not required _____
Groundwater application - no structure involved.

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- ~~(c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.~~
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

PD & PU overlap with File No. 46,113; PU overlap with File No. 46,112. These two files authorize a combination of 2.04 million gallons per year. Recent operation of the facility has resulted in water use at or exceeding this quantity. This new application will provide additional quantity of water.

WATER RESOURCES RECEIVED

WATER RESOURCES RECEIVED

DEC 20 2017

OCT 09 2017

13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	<u>9-12-92</u>	_____	_____	_____
Total depth of well	<u>106</u>	_____	_____	_____
Depth to water bearing formation	_____	<u>Sumner</u>	<u>Group</u>	<u>Bedrock</u>
Depth to static water level	<u>73</u>	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of Owner
(owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

(name, address and telephone number)

(name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Sept 25 Hope, Kansas, this 23rd day of September, 2017
(month) (year)

Harry Walker
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by Lloyd Hemphill

TFO/ESII
(office/title)

Date: 8-18-17

**STOCKWATER USE
SUPPLEMENTAL SHEET**

File No. 49921

Name of Applicant (Please Print): Walker Feedlot - Harvey Walker

1. Please indicate type of livestock (cattle, hogs, etc.): Cattle

2. Please complete the following table showing past and present water requirements:

PAST NUMBER OF HEAD AND WATER DIVERTED, IF APPLICABLE

LAST 5 YEARS	NUMBER OF HEAD	WATER DIVERTED (GALLONS)	GALLONS PER HEAD PER DAY
Year 2012	5000	1,376,220	3.8 *
Year 2015	3200	1,819,420	6.0 *
Year 2016	3620	1,953,340	5.3 *

* GPHPD based on the maximum head count reported on the Annual Water Use Reports for all facilities operated by Walker Feedlot. The portion of the facility served by this proposed appropriation currently holds approximately 1250 head of cattle in a year.

3. Please complete the following table showing estimated future water requirements:

ESTIMATED FUTURE NUMBER OF HEAD AND WATER DIVERTED

NEXT 5 YEARS	NUMBER OF HEAD	WATER TO BE DIVERTED (GALLONS)	GALLONS PER HEAD PER DAY
Year 1	5000	27,375,000	15
Year 2	5000	27,375,000	15
Year 3	5000	27,375,000	15
Year 4	5000	27,375,000	15
Year 5	5000	27,375,000	15

Please attach any additional information, tables, or curves showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
33	15S	3E																		

**Stockwatering use at a feedlot located in the South half (S1/2) of Section 33, Township 15 South, Range 3 East, Dickinson County, Kansas

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OCT 09 2017

Page 1 of 2

5. Show quantities of water used and all associated water uses at the feedlot such as water used in feed mills, cooling of animals, washing, flushing of wastes, etc.:

DRINKING

5000 head of cattle x 15 gallons/head (avg.) x 365 days = 27,375,000 gallons *

_____ head of _____ x _____ gallons/head (avg.) x _____ days = _____ gallons

_____ head of _____ x _____ gallons/head (avg.) x _____ days = _____ gallons

COOLING

_____ gallons/hour x _____ hour/day x _____ days = _____ gallons

SANITATION

_____ g.p.m. x 60 min/hr x _____ hr/wk x _____ wks/yr = _____ gallons

OTHER USE (Explain) _____ = _____ gallons

TOTAL ----- gallons

6. Show location of present and future location of confinement pens on your attached maps or photographs.

7. Total feed bunk space for cattle or livestock is _____ linear feet.

8. Total size of stock pens for confinement area of cattle, hogs, etc. is _____ square feet.

You may attach any additional information you believe will assist in informing the Division of Water Resources of the need for your request.

* Additional 2 mgd for cooling, sanitation, + other uses.

DWS/DWR 12/6/17



Topeka Field Office
6531 SE Forbes Ave., Suite B
Topeka, Kansas 66619

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Katherine A. Tietsort, Water Commissioner

Phone: (785) 296-5733
Fax: (785) 296-8298
www.agriculture.ks.gov

Sam Brownback, Governor

November 28, 2017

LARRY M GRUBER
722 NAIL RD
HOPE KS 67451

Re: Pending New Application, File No. 49,921

Dear Sir or Madam:

This is to advise you that Walker Feedlot Inc. has filed the application referred to above for a permit to appropriate 27.4 million gallons (84 acre-feet) of groundwater per calendar year for stockwatering use to be diverted at a maximum rate of 99 gallons per minute. Please note that the proposed point of diversion is an existing well that has been in place for many years and is currently authorized under Water Right, File No. 46,113. The well is located as follows:

In the Southeast Quarter of the Southeast Quarter of the Southeast Quarter of Section 33, in Township 15 South, Range 3 East, Dickinson County, Kansas.

Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of this application in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office **within 15 days** from the date of this letter.

You can find the application and site map posted by the file number referenced above at:
<http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Doug Schemm".

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Walker Feedlot Inc.

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KS DEPT OF AGRICULTURE



Topeka Field Office
6531 SE Forbes Ave., Suite B
Topeka, Kansas 66619

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Katherine A. Tietsort, Water Commissioner

Phone: (785) 296-5733
Fax: (785) 296-8298
www.agriculture.ks.gov
Sam Brownback, Governor

November 28, 2017

ROSE MARIE GRUBER REV TR
740 PAINT RD
HOPE KS 67451

Re: Pending New Application, File No. 49,921

Dear Sir or Madam:

This is to advise you that Walker Feedlot Inc. has filed the application referred to above for a permit to appropriate 27.4 million gallons (84 acre-feet) of groundwater per calendar year for stockwatering use to be diverted at a maximum rate of 99 gallons per minute. Please note that the proposed point of diversion is an existing well that has been in place for many years and is currently authorized under Water Right, File No. 46,113. The well is located as follows:

In the Southeast Quarter of the Southeast Quarter of the Southeast Quarter of Section 33, in Township 15 South, Range 3 East, Dickinson County, Kansas.

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You can find the application and site map posted by the file number referenced above at:
<http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

A handwritten signature in cursive script, appearing to read "Doug Schemm".

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Walker Feedlot Inc.

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KS DEPT OF AGRICULTURE



Topeka Field Office
6531 SE Forbes Ave., Suite B
Topeka, Kansas 66619

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Katherine A. Tietsort, Water Commissioner

Phone: (785) 296-5733
Fax: (785) 296-8298
www.agriculture.ks.gov

Sam Brownback, Governor

November 28, 2017

MELVIN F GRUBER REV TR
2 E ASH ST UNIT #15
HERINGTON KS 67449

Re: Pending New Application, File No. 49,921

Dear Sir or Madam:

This is to advise you that Walker Feedlot Inc. has filed the application referred to above for a permit to appropriate 27.4 million gallons (84 acre-feet) of groundwater per calendar year for stockwatering use to be diverted at a maximum rate of 99 gallons per minute. Please note that the proposed point of diversion is an existing well that has been in place for many years and is currently authorized under Water Right, File No. 46,113. The well is located as follows:

In the Southeast Quarter of the Southeast Quarter of the Southeast Quarter of Section 33, in Township 15 South, Range 3 East, Dickinson County, Kansas.

Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of this application in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office **within 15 days** from the date of this letter.

You can find the application and site map posted by the file number referenced above at:
<http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

A handwritten signature in cursive script that reads "Doug Schemm".

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Walker Feedlot Inc.

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AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A

49921 00

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AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A

49921 00 STK

Water Right and Points of Diversion Within 2.00 miles of point defined as:

220 Feet North and 71 Feet West of the Southeast Corner of Section 33 T 15S R 3E

GROUNDWATER ONLY

All wells > 1,320' meets well spacing

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit	
A__ 9764	00	MUN	NK	G	5706	--	SW	SW	SW	-----	-----	35	15	3E	1	23.00	23.00	AF	
Same					5706	--	SW	SW	SW	-----	-----	35	15	3E	2				
Same					5706	--	SW	SW	SW	-----	-----	35	15	3E	3				
Same					5706	--	SW	SW	SW	-----	-----	35	15	3E	4				
Same					5239	--	NW	NW	NW	4800	4800	2	16	3E	5				
Same					4827	--	NE	SE	NE	3440	300	3	16	3E	2				
A__ 46112	00	STK	NK	G	5101	--	NW	SW	SW	941	5120	33	15	3E	1	1.51	1.51	AF	
A__ 46113	00	STK	NK	G	0	--	SE	SE	SE	220	71	33	15	3E	2	5.99	4.75	AF	
A__ 49921	00	STK	AY	G	0	--	SE	SE	SE	220	71	33	15	3E	2	84.09	84.09	AF	
VDK	5	00	MUN	AA	G	5706	--	SW	SW	SW	-----	-----	35	15	3E	1	30.69	30.69	AF
Same					5706	--	SW	SW	SW	-----	-----	35	15	3E	2				
Same					5706	--	SW	SW	SW	-----	-----	35	15	3E	3				

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	84.09	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	29.26	.00
Total Vested Amount (AF) =	30.69	.00
TOTAL AMOUNT (AF) =	144.04	.00

An * after the source of supply indicates a pending application for change under the file number.
 An * after the ID indicates a 15 AF exemption was granted under 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 2.00 miles of point defined as:

220 Feet North and 71 Feet West of the Southeast Corner of Section 33 T 15S R 3E

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

=====

File Number Use ST SR

A__ 9764 00 MUN NK G

> CITY OF HOPE

>

> 113 N MAIN ST PO BOX 307

> HOPE KS 67451

>-----

A__ 46112 00 STK NK G

> WALKER FEEDLOT INC

> HARVEY WALKER

> 612 LARK RD

> HOPE KS 67451

>-----

WATER RESOURCES RECEIVED

DEC 20 2017

KS DEPT OF AGRICULTURE

A__ 46113 00 STK NK G
> WALKER FEEDLOT INC
> HARVEY WALKER
> 612 LARK RD
> HOPE KS 67451

A__ 49921 00 STK AY G
> WALKER FEEDLOT INC
> HARVEY WALKER
> 612 LARK RD
> HOPE KS 67451

VDK 5 00 MUN AA G
> CITY OF HOPE
>
> 113 N MAIN ST PO BOX 307
> HOPE KS 67451

#####

File # 49,921
 meets safe yield

Analysis Results

The selected PD is in an area to new appropriations.
 The safe yield, based on the variables listed below is 2,010.50 AF.
 Total prior appropriation in the circle is 182.67 AF. **- 84.09 AF = 98.58 AF**
 Total quantity of water available for appropriation is 1,827.83 AF.

1911.92 AF

Safe Yield Variables

The area used for the analysis is set at 8,042 acres.
 Potential annual recharge of the area is estimated to be 3 inches.
 The percent of recharge available for appropriation is 100%.

Authorized Quantity values are as of 19-OCT-2017 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 6 water right(s) and 9 point(s) of diversion within the circle.

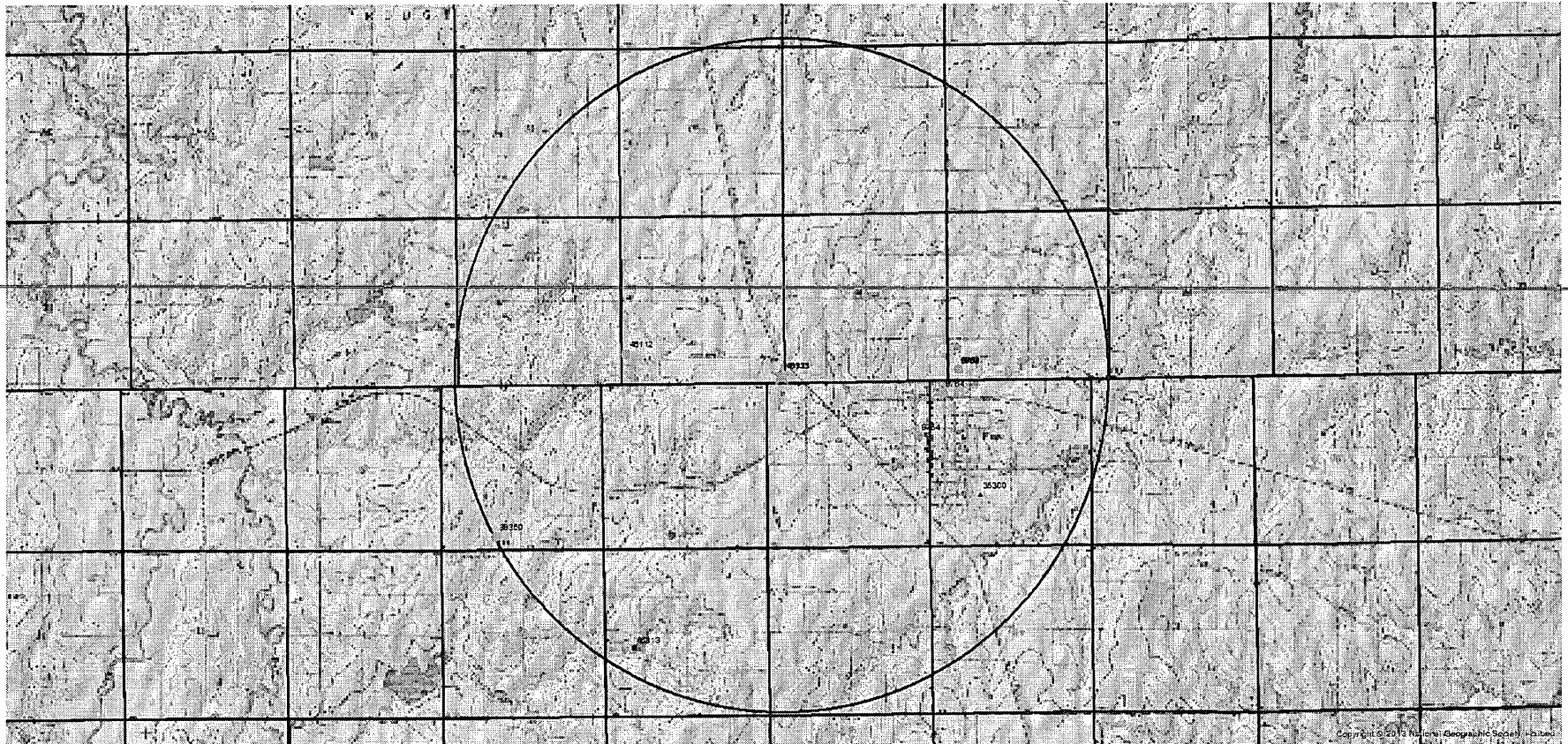
File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
A 9764 00	MUN	NK	G		SW	SW	SW	0	0	35	15	03E	2	WR	23.00	23.00		
Same	MUN	NK	G		NE	SE	NE	3440	300	03	16	03E	2	WR				
Same	MUN	NK	G		SW	SW	SW	0	0	35	15	03E	3	WR				
Same	MUN	NK	G		SW	SW	SW	0	0	35	15	03E	4	WR				
Same	MUN	NK	G		NW	NW	NW	4800	4800	02	16	03E	5	WR				
Same	MUN	NK	G		SW	SW	SW	0	0	35	15	03E	1	WR				
A 39350 00	STK	NK	G		SW	SE	SW	413	3486	05	16	03E	3	WR	38.63	38.63		
A 46112 00	STK	NK	G		NW	SW	SW	941	5120	33	15	03E	1	WR	1.51	1.51		
A 46113 00	STK	NK	G		SE	SE	SE	220	71	33	15	03E	2	WR	5.99	4.75		
A 49921 00	STK	AY	G		SE	SE	SE	220	71	33	15	03E	2	WR	84.09	84.09		
V DK 5 00	MUN	AA	G		SW	SW	SW	0	0	35	15	03E	2	WR	30.69	30.69		
Same	MUN	AA	G		SW	SW	SW	0	0	35	15	03E	3	WR				
Same	MUN	AA	G		SW	SW	SW	0	0	35	15	03E	1	WR				

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Safe Yield Report Sheet
Water Right- A4992100
Point of Diversion in SESESE 33-15S-3E 2 (71124)

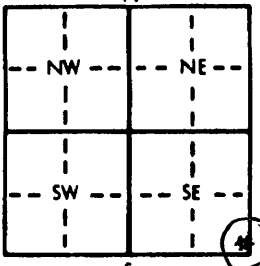


#46,113 + #49,921

1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 SE 1/4 Section Number 33 Township Number T 15 S Range Number R 3 E

Distance and direction from nearest town or city street address of well if located within city?
From Hope, Ks at K-43 Hwy (K-1 Hwy on North) side of town 1 mile West

2 WATER WELL OWNER: Harvey Walker
 RR#, St. Address, Box #: Rt 2
 City, State, ZIP Code: Hope, Kansas 67151
 Board of Agriculture, Division of Water Resources
 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 106 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 79 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 73 ft. below land surface measured on mo/day/yr 9 / 12 / 92
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 20* gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 9 in. to 106 ft., and in. to ft.
 WELL WATER TO BE USED AS:
 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 No Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 106 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface 13 in., weight 200 lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 75 ft. to 106 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 24 ft. to 106 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 4 ft. to 24 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? NORTHWEST WILL BE How many feet? approx 1600

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	DARK TOP SOIL			
2	8	BROWN & TAN CLAY			
8	9	LITE COLOR SHALEY LIMESTONE			
9	17	LITE COLOR SHALE & CLAY			
17	18	LITE COLOR LIMESTONE			
18	71	LITE COLOR SHALEY CLAY			
71	74	DARK GRAY CLAY			
74	77	GRAY SHALE DARK			
77	82	LITE GRAY SHALE			
82	84	DARK GRAY SHALE			
84	100	GRAY SHALE & CLAY			
100	103	GRAY HARD LIMESTONE			
103	106	GRAY SHALE & CLAY			

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 DEC 20 2017
 KS DEPT OF AGRICULTURE

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) 9 / 12 / 92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 397. This Water Well Record was completed on (mo/day/yr) 9 / 17 / 92 under the business name of CENTRAL KANSAS DRILLING by (signature) Harold D. Maitre

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: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

GRUBER Domestic

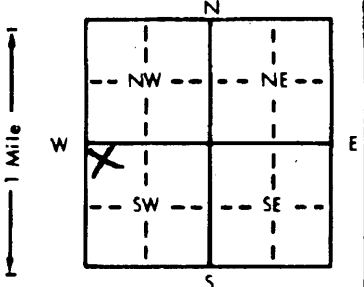
1 LOCATION OF WATER WELL: County: Dickenson Fraction: NW 1/4 NW 1/4 SW 1/4 Section Number: 34 Township Number: T 15 S Range Number: R 3 E

Distance and direction from nearest town or city street address of well if located within city?

1 W & N Hope

2 WATER WELL OWNER: Harry Gruber
 RR#, St. Address, Box #: RR 2
 City, State, ZIP Code: Hope, KS, 67451
 Board of Agriculture, Division of Water Resources
 Application Number:

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



4 DEPTH OF COMPLETED WELL: 99 ft. ELEVATION:
 Depth(s) Groundwater Encountered: 87 ft. 2. ft. 3.
 WELL'S STATIC WATER LEVEL: 87 ft. below land surface measured on 11-19-88
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield: 12 gpm; Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 8 1/2 in. to 99 in. to in. to in. to
 WELL WATER TO BE USED AS:
 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 X No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: 5 in. to 79 in. Dia. in. to in. to in. to in. to
 Casing height above land surface: 24 in. weight Class 160 lbs./ft. Wall thickness or gauge No. 2.14
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 79 ft. to 99 ft. From ft. to ft.
 From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 99 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 Hole plug
 Grout Intervals: From 0 ft. to 20 ft. From 50 ft. to 65 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? N How many feet? 100' +

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	33	Clay			
33	35	Lime			
35	42	Yellow Shale			
42	50	Clay			
50		Gravel			
50	73	Yellow Shale			
73	94	Blue Shale			
94	95	Water			
95	99	Hard Rock			

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) 11-19-88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 100 This Water Well Record was completed on (mo/day/yr) 11-23-88 under the business name of Backhus Drilling by (signature) Paul H. Backhus

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 DEC. 20 2017
 KS DEPT OF AGRICULTURE

46,112

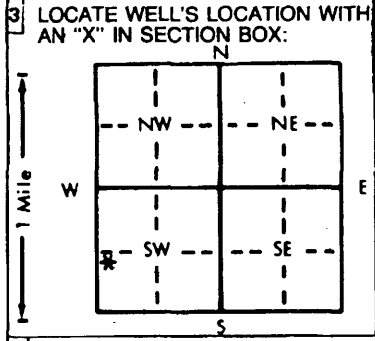
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: <u>Dickinson</u>	Fraction <u>NW 1/4 SW 1/4 SW 1/4</u>	Section Number <u>33</u>	Township Number <u>T 15 S</u>	Range Number <u>R 3 E</u>
---	---	-----------------------------	----------------------------------	------------------------------

Distance and direction from nearest town or city street address of well if located within city?
2 miles West of Hope, Ks on North edge of town & 1/4 mile North

2 WATER WELL OWNER: Harvey Walker
 RR#, St. Address, Box # : Rt 2
 City, State, ZIP Code : Hope, Kansas 67451

Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 107 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 94 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 84 ft. below land surface measured on mo/day/yr 7 / 8 / 92

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

Est. Yield 20+ gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 9 in. to 107 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		9 Dewatering
		10 Monitoring well
		12 Other (Specify below)

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)	6 Asbestos-Cement	9 Other (specify below)	Welded
2 PVC	4 ABS	7 Fiberglass		Threaded

Blank casing diameter 5 in. to 107 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 14 in., weight 200 lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL:

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	3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes	
		7 Torch cut	10 Other (specify)	

SCREEN-PERFORATED INTERVALS: From 85 ft. to 107 ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 24 ft. to 107 ft., From ft. to ft.

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

Grout Intervals: From 4 ft. to 24 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 SOUTH WILL BE How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	DARK CLAY			
2	6	BROWN CLAY			
6	26	LITE COLOR CLAY			
26	28	LITE GRAY CLAY			
28	51	LITE COLOR SHALEY CLAY			
51	54	GYP SUM ROCK			
54	61	SHALRY CLAY & GYP SUM			
61	74	LITE COLOR SHALEY CLAY			
74	96	LITE GRAY SHALE & CLAY			
96	102	GYP SUM ROCK			
102	105	DARK SHALE			
105	107	DARK GYP SUM ROCK			

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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 / 8 / 92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 397 This Water Well Record was completed on (mo/day/yr) 7 / 26 / 92 under the business name of CENTRAL KANSAS DRILLING by (signature) Harold D. Martin

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: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

000067

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Dickinson Fraction $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW Section Number 29 Township Number T 15 S Range Number R 3 E W N

2 WELL OWNER: Last Name: Rock First: Kent 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:
 Business: _____
 Address: 940 Lark Rd
 Address: _____
 City: Hope State: Ks ZIP: 67451 812 Lark Rd Hope, ks

3 LOCATE WELL WITH "X" IN SECTION BOX:
 N

NW	NE
SW	SE

 S
 W _____ E
 * _____
 S
 1 mile

4 DEPTH OF COMPLETED WELL:7.5..... ft.
 Depth(s) Groundwater Encountered: 1)6.3..... ft.
 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL:6.3..... ft.
 below land surface, measured on (mo-day-yr) 5/2/15
 above land surface, measured on (mo-day-yr)
 Pump test data: Well water was ft.
 after hours pumping gpm
 Well water was ft.
 after hours pumping gpm
 Estimated Yield:1.0..... gpm
 Bore Hole Diameter:9..... in. to7.5..... ft. and
 in. to ft.

5 Latitude:(decimal degrees)
Longitude:(decimal degrees)
 Datum: WGS 84 NAD 83 NAD 27
Source for Latitude/Longitude:
 GPS (unit make/model:)
 (WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper:
6 Elevation:ft. Ground Level TOC
Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input checked="" type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Feedlot <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
---	--	---

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 diameter5..... in. to7.5..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface1.6..... in. Weight1.90..... lbs./ft. Wall thickness or gauge No.
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify)
 Brass Galvanized Steel Concrete tile None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From ..6.2... ft. to ..7.5... ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From ..2.5... ft. to ..7.5... ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From ...0..... ft. to2.5..... ft., From ft. to ft., From ft. to 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
 Other (Specify)
 Direction from well? ..NONE..WITHIN.. $\frac{1}{4}$.. MILE Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	DARK TOP SOIL			WATER RESOURCES RECEIVED DEC 20 2017 KANSAS DEPT OF AGRICULTURE
1	9	BROWN & TAN CLAY			
9	10	LITE COLOR LIMESTONE			
10	40	LITE COLOR SHALE			
40	41	LITE COLOR LIMESTONE			
41	51	TAN COLOR SHALE & CLAY MIXED			
51	63	LITE GRAY CLAY			Notes:
63	75	GYPSSUM ROCK			

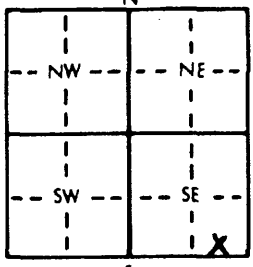
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 5/2/15..... and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No.397..... This Water Well Record was completed on (mo-day-year) 5/11/15..... under the business name of CENTRAL KANSAS DRILLING.....

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

1 LOCATION OF WATER WELL: Fraction Se 1/4 Se 1/4 Se 1/4 Section Number 4 Township Number T 16 S Range Number R 3 E
 County: Dickinson

Distance and direction from nearest town or city street address of well if located within city?
1 1/2 W Hope

2 WATER WELL OWNER: Kim Goracke
 RR#, St. Address, Box #: RR1
 City, State, ZIP Code: Hope, KS. 67451
 Board of Agriculture, Division of Water Resources
 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 99.92 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 1.92 ft. 2. 57 ft. 3. 99.92 ft.
 WELL'S STATIC WATER LEVEL 57 ft. below land surface measured on mo/day/yr 2-9-96
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 20 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter 2 1/2 in. to 30 ft., and ? in. to 99 ft.
 WELL WATER TO BE USED AS:
 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 X No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter 5 in. to 79 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 12 in., weight Class 160 lbs./ft. Wall thickness or gauge No. 214
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 79 ft. to 99 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From _____ ft. to _____ 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 23 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? W How many feet? 4 mi

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	55	Yellow Clay + Mixed Shale			
55	85	Blue Shale			
85	92	Gray "			
92	96	Broken Shale, Water			
96	99	Hard Gray Shale			

WATER RESOURCES RECEIVED
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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) 2-9-96 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 120 This Water Well Record was completed on (mo/day/yr) 2-23-96 under the business name of Backhus Drilling by (signature) Paul H. Backhus

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: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Dale A. Rodman, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

CERTIFICATE OF APPROPRIATION FOR BENEFICIAL USE OF WATER

WATER RIGHT, File No. 46,113

PRIORITY DATE December 17, 2004

WHEREAS, It has been determined by the undersigned that construction of the appropriation diversion works has been completed, that water has been used for beneficial purposes and that the appropriation right has been perfected, all in conformity with the conditions of approval of the application pursuant to the water right referred to above and in conformity with the laws of the State of Kansas.

NOW, THEREFORE, Be It Known that DAVID W. BARFIELD, the duly appointed, qualified and acting Chief Engineer of the Division of Water Resources of the Kansas Department of Agriculture, by authority of the laws of the State of Kansas, and particularly K.S.A. 82a-714, does hereby certify that, subject to vested rights and prior appropriation rights, the appropriator is entitled to make use of groundwater to be withdrawn by means of a well located in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 33, more particularly described as being near a point 220 feet North and 71 feet West of the Southeast corner of said section, in Township 15 South, Range 3 East, Dickinson County, Kansas, at a diversion rate not in excess of **33 gallons per minute (0.73 c.f.s.)** and a quantity not to exceed **1.953 million gallons (6.00 acre-feet)** of water per calendar year for **stockwatering use** in the South Half (S $\frac{1}{2}$) of Section 33, Township 15 South, Range 3 East, Dickinson County, Kansas.

This appropriation right is further limited to a quantity of water which when combined with the water right set forth in the Certificate of Appropriation issued pursuant to File No. 46,112, will provide a total quantity not to exceed **2.040 million gallons (6.26 acre-feet)** of water per calendar year for **stockwatering use** at the location described herein.

(over)

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KS DEPT OF AGRICULTURE



1320 Research Park Drive
Manhattan, Kansas 66502

Jackie McClaskey, Secretary

Phone: (785) 564-6700
Fax: (785) 564-6777
Email: ksag@kda.ks.gov
www.agriculture.ks.gov
Sam Brownback, Governor

October 9, 2017

WALKER FEEDLOT, INC
HARVEY WALKER
612 LARK RD
HOPE KS 67451

FILE COPY

RE: Application
File No. 49921

Dear Sir or Madam:

Your application for permit to appropriate water in 33-15S-3E in Dickinson County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

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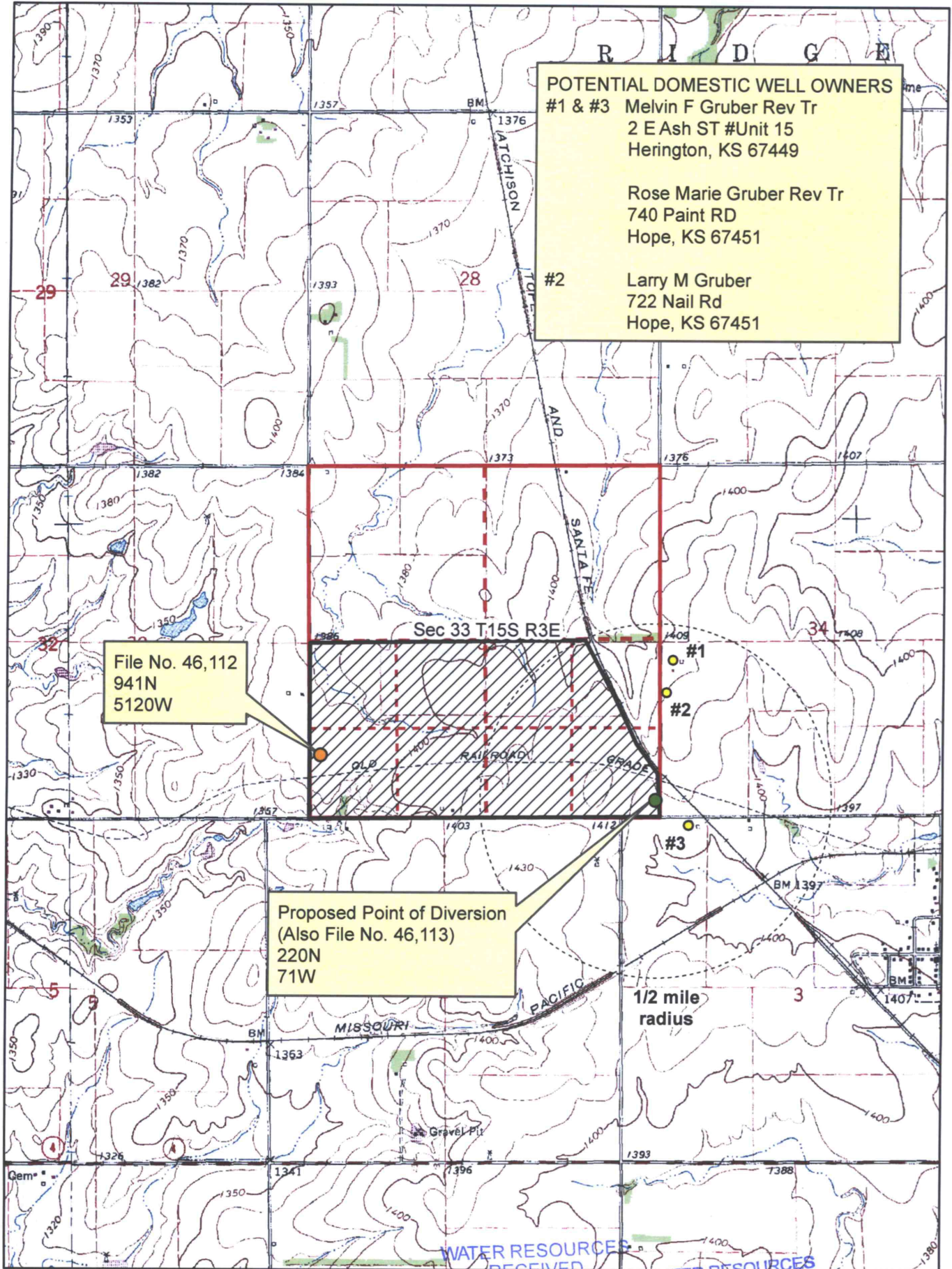
DEC 20 2017

KS DEPT OF AGRICULTURE

BAT: dlw
pc: TOPEKA Field Office
GMD

SCANNED

New Application - Walker Feedlot, Inc 49921



POTENTIAL DOMESTIC WELL OWNERS


#1 & #3 Melvin F Gruber Rev Tr
2 E Ash ST #Unit 15
Herington, KS 67449

Rose Marie Gruber Rev Tr
740 Paint RD
Hope, KS 67451

#2 Larry M Gruber
722 Nail Rd
Hope, KS 67451

File No. 46,112
941N
5120W

Proposed Point of Diversion
(Also File No. 46,113)
220N
71W

 Proposed Place of Use
Map prepared by LHH/TFO 8-18-17



DEC 20 2017

OCT 09 2017

1:24,000
1 Mile

KS DEPT OF AGRICULTURE

KS DEPT OF AGRICULTURE **SCANNED**

POTENTIAL DOMESTIC WELL OWNERS

#1 & #3 Melvin F Gruber Rev Tr
2 E Ash ST #Unit 15
Herington, KS 67449

Rose Marie Gruber Rev Tr
740 Paint RD
Hope, KS 67451

#2 Larry M Gruber
722 Nail Rd
Hope, KS 67451

File No. 46,112
941N
5120W


Sec 33 T15S R3E

Proposed Point of Diversion
(Also File No. 46,113)
220N
71W

1/2 mile
radius

All known water wells located within 1/2 mile
of the proposed point of diversion have been
plotted on this map.

Honey Walker 9-25-17
Signature Date

 Proposed Place of Use
Map prepared by LHH/TFO 8-18-17



WATER RESOURCES RECEIVED WATER RESOURCES RECEIVED

0 DEC 20 2017 0.5 1 Mile 1:24,000
OCT 09 2017

SCANNED

KS DEPT OF AGRICULTURE KS DEPT OF AGRICULTURE