Submit To: CHIEF ENGINEER **Division of Water Resources** Kansas Department of Agriculture 1320 Research Park Drive Manhattan, KS 66502-5000 http://agriculture.ks.gov/dwr

APPLICATION FOR PERMIT TOTER RESOURCES RECEIVED **APPROPRIATE WATER FOR** JUL 2 2 2,024 **BENEFICIAL USE** 3:31

Den



ariculture n STATUTORY FILING FEE MUST ACCOMPANY THIS APPLICATION Please refer to the Fee Schedule attached to this application form.

		amily Farms, LLC C/O Michael De	ean		5 B
	Address: 3612 Epperly	Dr.			
	City: Del City		State: OK Zip	Code: 73115	
	Phone: 405-639-9343	Emai	il: mbo@meadowbro	ookoil.com	
2.	The source of water is:	surface water in			
		groundwater in	BLUFF CREEK	^{m)} (CHIKASKIA)	7/23/2024
			(drainage	basin)	KJN
		332			
•		tity of water desired is <u>332</u>			gallons
	to be diverted at a maximum				evaporation
	This project involves sur rediverted is	face water storage and redive acre-feet <u>Conversior</u> 1 acre-foot (AF) = 1 million gallons (mg) =	ersion. The maximum annu gallons, at a rate of <u>n Factors</u> 325,851 gallons = 3.07 acre-feet (AF)	ual quantity of water	desired to be
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ive erta or y	This project involves sur rediverted is1 cu 1 cu ORTANT: Once your application ain your requested maximum our proposed project. The water is intended to be Artificial Recharge*	face water storage and rediver acre-feet <u>Conversion</u> 1 acre-foot (AF) = 1 million gallons (mg) = ubic foot per second (c.f.s.) = 4 ation has been assigned a pri- ed annual quantity of water ur n rate of diversion and maximum appropriated for the following Irrigation*	ersion. The maximum annu gallons, at a rate of n Factors 325,851 gallons = 3.07 acre-feet (AF) 448.8 gallons per minute (g iority date and file number nder that priority number ca um annual quantity of wate use(s): C Recreational*	ual quantity of water gpm) t, the requested max an <u>NOT</u> be increased ar are appropriate and Water Power	desired to be pm □ c.f.s. imum rate of d. Please be d reasonable htrol
ive erta or y	☐ This project involves sur rediverted is 1 cu ORTANT: Once your applica rsion and maximum requested ain your requested maximum our proposed project. The water is intended to be ☐ Artificial Recharge* ☐ Industrial*	face water storage and rediver acre-feet <u>Conversion</u> 1 acre-foot (AF) = 1 million gallons (mg) = ubic foot per second (c.f.s.) = 4 ation has been assigned a pri- ed annual quantity of water ur n rate of diversion and maximum appropriated for the following Irrigation* Municipal*	ersion. The maximum annu gallons, at a rate of n Factors 325,851 gallons = 3.07 acre-feet (AF) 448.8 gallons per minute (g iority date and file number nder that priority number ca um annual quantity of wate use(s): Recreational* Stockwatering* Hydraulic Dredging	gpm) t, the requested max an <u>NOT</u> be increased ar are appropriate and Water Power Sediment Con	desired to be pm □ c.f.s. imum rate of d. Please be d reasonable htrol

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RECEIVED

JUL 2 2 2024 File No.

5. The location(s) of the proposed diversion work(s) (well, pumpsite, etc.) are described below. Note that for the application to be accepted, the point of diversion location(s) <u>must</u> 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. You can specify a nickname for the point of diversion via the A.K.A. line to help you identify it.

Please allow 60 days for location of wells to be determined.	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 (¼) 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 800gpm and which supply water to a common distribution system.
(A)	One in the quarter of the quarter of the quarter of Section 04_, more particularly described
23/2024 N	as being near a point feet North and feet West of the Southeast corner of said section, in Township 32 South, Range 08 E W, Harper County, KS. A.K.A:
(B)	One in the quarter of the quarter of Section 04, more particularly described
	as being near a point feet North and feet West of the Southeast corner of said section, in
	Township <u>32</u> South, Range <u>08</u> E W, <u>Harper</u> County, KS. A.K.A:
(C)	One in the quarter of the quarter of the quarter of Section 04, more particularly described
	as being near a point feet North and feet West of the Southeast corner of said section, in
	Township <u>32</u> South, Range <u>08</u> E W , <u>Harper</u> County, KS. A.K.A:
(D)	One in the quarter of the quarter of the quarter of Section 04, more particularly described
	as being near a point feet North and feet West of the Southeast corner of said section, in
	Township <u>32</u> South, Range <u>08</u> E W, <u>Harper</u> County, KS. A.K.A:
(E)	One in 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 E W,County, KS. A.K.A:
6. The	proposed project for diversion of water will consist of Battery of 4 wells
	(number of wells numps dams etc.)

and was/will be completed on or by the following date: ASAP

(date each was or will be completed)

- 7. The first actual application of water for the proposed beneficial use was or is estimated to be ASAP
- (Date)
- 8. List any application, appropriation of water, water right, or vested right file number that covers the same point(s) of diversion 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.

WATER RESOURCES

JUL 2 2 2024 File No.

Yes

No

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

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 DWR prior to submitting this application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you made an application for a permit for construction of this dam and reservoir with DWR?

If yes, write the Water Structures permit number here:

Yes

11. Furnish a detailed topographic or aerial map that depicts the following information:

The application <u>must</u> be supplemented by a topographic map, aerial photograph or a detailed plat showing the information described in A-D below.

- (A) The center of the section, the section lines or the section corners, and labels showing the appropriate section, township and range numbers, as well as a north arrow and scale,
- (B) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) described in Item No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section,
- (C) The location of the proposed place of use identified by crosshatching,
- (D) For Groundwater Use, the location of any existing water wells of any kind within ½ mile of the proposed well or wells and indicate for each well its type of use and the name and mailing address of the property owner or owners, (If there are no wells within ½ mile, please indicate that on the map.)

For Surface Water Use, the names and addresses of the landowner(s) ½ mile downstream and ½ mile upstream from your property lines, and

- (E) The locations of proposed or existing dams, dikes, reservoirs, canals, pipelines, power houses, and any other structures for the purpose of storing, conveying, or using water.
- 12. For groundwater use, furnish copies of the driller's logs for all test holes or completed wells. Please ensure that the driller's logs provide depth to the static water level. If driller's logs cannot be obtained for an existing well, provide the following information:

Well loc	cation as shown in Item No. 5	(A)	(B)	(C)	(D)	(E)
Please allow	Date drilled					
60 days for logs and well	Total depth of well		2 -15 			
information.	Depth to static water level					

13. The owner(s) of the point of diversion, if other than the applicant is:

Dean Family Farms, LLC C/O Michael Dean, 3612 Epperly Dr Del City OK 73115, 405-639-9343

(name, address, and phone)

(name, address, and phone)

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File No.

KS Dept. of Agriculture

14. The owner(s) of the property where the water is used, if other than the applicant, is: Dean Family Farms, LLC C/O Michael Dean, 3612 Epperly Dr Del City OK 73115, 405-639-9343

(name, address, and phone)

(name, address, and phone)

15. The relationship of the applicant to the proposed place where the water will be used is that of:

Owner	[
-------	---

Agent

Tenant Other:

16. A water use correspondent (WUC) must be designated. The WUC will be mailed the annual water use report, which must be filed with the Division by March 1 of each year. Failure to timely file an accurate water use report will subject the owner(s) to a civil fine of up to \$1,000 and potential suspension of the water appropriation or right. By signing this application, I verify that the owner(s) of the water right or permit have confirmed that the following person or agent should be designated as the WUC:

Michael Dean, 3612 Epperly Dr Del City OK 73115, 405-639-9343

(name, address, and phone)

17. I understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. This could affect the economics of my decision to appropriate water. Situations where this might occur may include times when minimum desirable streamflow (MDS) requirements are not met, when Assurance District or Water Marketing releases are made from storage in federal reservoirs, when a Water Reservation Right upstream of a federal reservoir is administered, or when water rights administration becomes necessary to prevent impairment.

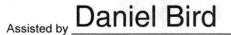
I declare, under penalty of perjury, that I have legal access to or control of, the point(s) of diversion described in this application from the landowner or the landowner's authorized representative.

By signing below, I verify that the information set forth above is true to the best of my knowledge, I agree with all statements made above, and that this application is submitted in good faith.

Mulul D. Num 16 July 2024 (Applicant Signature) (Date

(Applicant Name - please print)) / (Applicant Name - please print))

(Applicant Title, if applicable – please print)



STFO/Environmental Scientist Date: 07/15/2024

(office/title)

IRRIGATION USE SUPPLEMENTAL SHEET

WATER RESOURCES RECEIVED

JUL 2 2 2024

File No.

KS Dept. of Agriculture

Name of Applicant (Please Print): Michael Dean

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

Landowner of Record NAME: Dean Family Farms, LLC

ADDRESS: 3612 Epperly Dr. Del City OK 73115

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Landowner of Record NAME:

ADDRESS:

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Landowner of Record NAME: _____

ADDRESS:

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DWR 1-100.23 (Revised 07/07/2000)

- 2. Please complete the following information for the description of the operation for the irrigation project Attach supplemental sheets as needed.
 - a. Indicate the soils in the field(s) and their intake rates:

KS Dept. of Agriculture

Soil	Percent	Intake	Irrigation
Name	of field	Rate	Design
	(%)	(in/hr)	Group
woodward-quinlan loam	3	1	
nalim loams	72		
shellabarger loam	3		
nalim loam	10	= - d _e	1. Such real
Crisfield loam	12		
Total:	100 %		

Estimate the maximum land slope in the field(s): 3.5

c. Type of irrigation system you propose to use (check one):

X	Center pivot	1.000	Center pivot - LEPA	E HERRE	"Big gun" sprinkler	
	Gravity system (furrows)		Gravity system (borders)	10.000	Sideroll sprinkler	
Other.	please describe:					

%

d. System design features:

b.

i. Describe how you will control tailwater: No Tailwater.

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: <u>35</u> psi
- (2) What is the sprinkler package design rate? _____ gpm
- (3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on

the outer 100 feet of the system? 65 feet

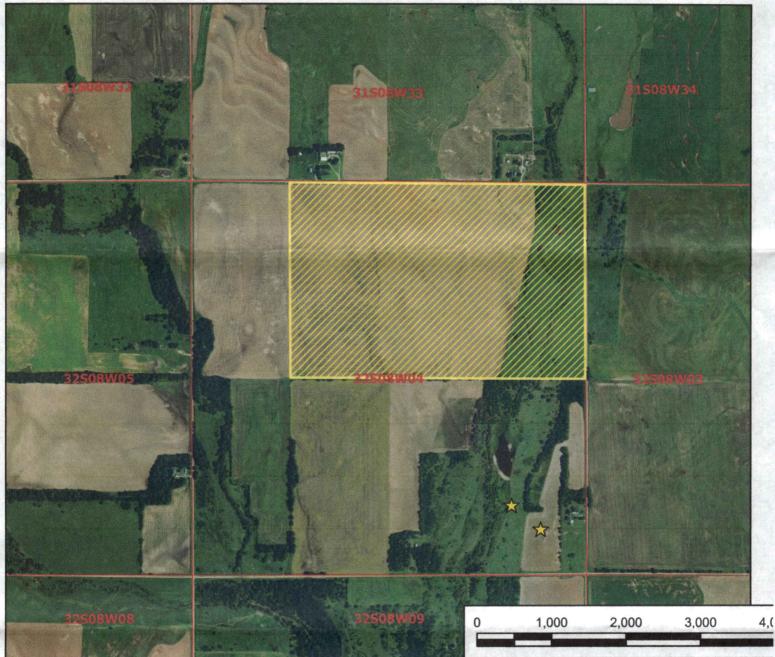
- (4) Please include a copy of the sprinkler package design information.
- e. Crop(s) you intend to irrigate. Please note any planned crop rotations: This is Primarily an Alfalfa field. intend to farm Alfalfa for Five years. followed by a rotation of Soybeans, Wheat, Corn, or Milo for 1 year followed by another 5 years of Alfalfa.
- f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

Utilizing area forecasts and soil moisture meters, irrigate only when necessary for optimum growth.

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

JUL 2 2 2024

KS Dept. of Agriculture





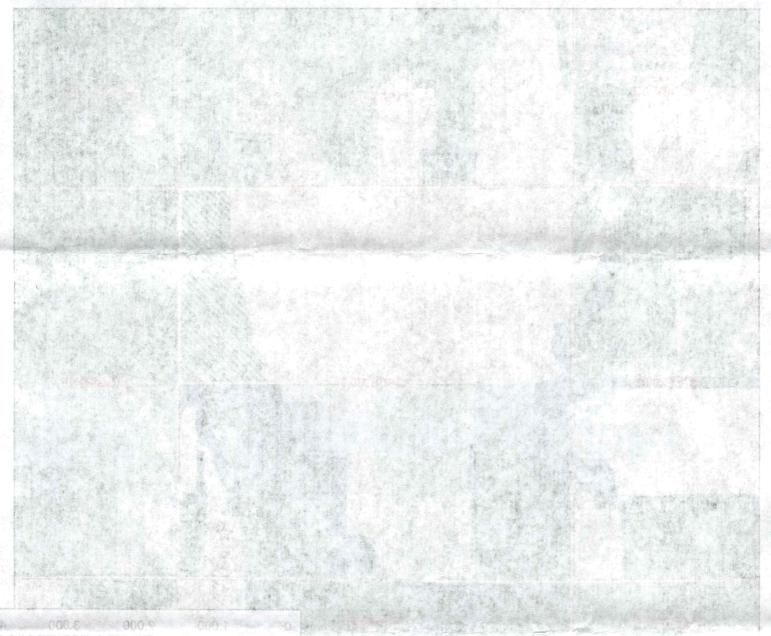
Place of Use map for New Water Appropriation 04-32S-04W // Harper County

To the best of my knowledge, all points of diversion within one-half mile of the proposed point of diversion have been shown.

ини 18 Jul 2024 07/11/2024 DKB/SFFO 1:15,000 scale

Signature / Date







Place of Use map for New Water Appropriation 04-32S-04W // Harper County

To the best of my knowledge, all points of diversion within one-half mile of the proposed point of diversion have been shown.

Signature// Date

1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov

Mike Beam, Secretary



900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Laura Kelly, Governor

August 9, 2024

DEAN FAMILY FARMS LLC 3612 EPPERLY DR DEL CITY OK 73115

RE: Application, File No(s). 51270

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application(s) and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application(s) is unlawful.

Additional information about the process may be found on our website at <u>agriculture.ks.gov/divisions-</u> <u>programs/dwr</u>. If you have any other questions, please contact our office at 785-564-6640 or your local Stafford Field Office at 620-234-5311. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

inhans

Kris Neuhauser New Applications Lead Water Appropriation Program

 Submit To: CHIEF ENGINEER Division of Water Resources Kansas Department of Agriculture 1320 Research Park Drive Manhattan, KS 66502-5000 http://agriculture.ks.gov/dwr

APPLICATION FOR PERMIT TOTER RESOURCES APPROPRIATE WATER FOR BENEFICIAL USE JUL 22 2024 13:31



KS Dept of Agric STATUTORY FILING FEE MUST ACCOMPANY THIS APPLICATION Please refer to the Fee Schedule attached to this application form.

1. Name of Applicant: Dean Family Farms, LLC C/O Michael Dean Address: 3612 Epperly Dr. City: Del City State: OK zip Code: 73115 Phone: 405-639-9343 Email: mbo@meadowbbrookoil.com 2. The source of water is: surface water in	Pieas	se refer to the Fee Schedul	e attached to this application	WATER RESOURCES RECEIVED
IN Stem to be completed by the Division of Water Resources staff. IN SECTOF AGRICULTU In State: OK Address: 3612 Epperly Dr. City: Del City		File Number:	51270	OCT 31 2024
Address: 3612 Epperly Dr. City: Del City State: OK Zip Code: 73115 Phone: 405-639-9343 Email: mbo@meadowbrookoil.com It meaximum comparison for the source of water is sufface water in	Doop For	This item to be completed by th	e Division of Water Resources staff.	KS DEPT OF AGRICULTURE
City: Del City State: OK Zip Code: 73115 Phone: 405-639-9343 Email: mbo@meadowbrookoil.com The source of water is:] surface water in				
 The source of water is:	Address: 3012 Eppeny			70115
 The source of water is:			State: <u>UN</u> Zip	Code: 73115
(drainage basin) • The maximum annual quantity of water desired is 332 ⓐ acre-feet] gal to be diverted at a maximum rate of 800 ⓐ gpm] c.f.s.] natural flows] natural evapor ☐ This project involves surface water storage and rediversion. The maximum annual quantity of water desired rediverted is acre-feet] gallons, at a rate of gpm] Conversion Factors 1 acre-foot (AF) = 325,851 gallons 1 million gallons (mg) = 3.07 acre-feet (AF) 1 cubic foot per second (c.f.s.) = 448.8 gallons per minute (gpm) MPORTANT: Once your application has been assigned a priority date and file number, the requested maximum requested annual quantity of water under that priority number can NOT be increased. Pleatertain your requested maximum rate of diversion and maximum annual quantity of water are appropriate and reason or your proposed project. • The water is intended to be appropriated for the following use(s):				
The maximum annual quantity of water desired is <u>332</u> acre-feet gal to be diverted at a maximum rate of <u>800</u> gpm c.f.s natural flows natural evaport rediverted is acre-feet gallons. The maximum annual quantity of water desired rediverted is acre-feet gallons, at a rate of gpm Conversion Factors 1 acre-foot (AF) = 325,851 gallons 1 million gallons (mg) = 3.07 acre-feet (AF) 1 cubic foot per second (c.f.s.) = 448.8 gallons per minute (gpm) MPORTANT: Once your application has been assigned a priority date and file number, the requested maximum requested annual quantity of water under that priority number can <u>NOT</u> be increased. Pleatertain your requested maximum rate of diversion and maximum annual quantity of water are appropriate and reasonry your proposed project. The water is intended to be appropriated for the following use(s): Artificial Recharge* Irrigation* Recreational* Water Power* Industrial* Municipal* Stockwatering* Sediment Control Demestic Demestic	És na I	groundwater in	(drainage	hasin)
to be diverted at a maximum rate of <u>800</u> gpmc.f.snatural flowsnatural evapor 			(urainage	bushiy
This project involves surface water storage and rediversion. The maximum annual quantity of water desired rediverted is acre-feet gallons, at a rate of gpm gpm Conversion Factors 1 acre-foot (AF) = 325,851 gallons 1 million gallons (mg) = 3.07 acre-feet (AF) 1 cubic foot per second (c.f.s.) = 448.8 gallons per minute (gpm) MPORTANT: Once your application has been assigned a priority date and file number, the requested maximum requested annual quantity of water under that priority number can NOT be increased. Pleatertain your requested maximum rate of diversion and maximum annual quantity of water are appropriate and reason or your proposed project. The water is intended to be appropriated for the following use(s): Industrial* Municipal* Stockwatering* Sediment Control Demestic Dewatering Hydraulic Dredging Fire Protection Thermal Exchange Contamination Remediation *IMPORTANT: You must submit a supplemental form providing information to substantiate your request figurantity of water listed in Item No. 3 for the intended use(s) referenced above.	. The maximum annual quanti	ty of water desired is 33	2	acre-feet 🗌 gallons
rediverted is	to be diverted at a maximum	rate of <u>800</u>	🛄 gpm 🗌 c.f.s. 🗌 na	atural flows 🔲 natural evaporati
rediverted is	This project involves surf:	ace water storage and rec	liversion. The maximum ann	ual quantity of water desired to
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 Industrial*	1 cul	1 million gallons (m	g) = 3.07 acre-feet (AF)	gpm)
Artificial Recharge* Irrigation* Recreational* Water Power* Industrial* Municipal* Stockwatering* Sediment Control Domestic Dewatering Hydraulic Dredging Fire Protection Thermal Exchange Contamination Remediation *IMPORTANT: You must submit a supplemental form providing information to substantiate your request for quantity of water listed in Item No. 3 for the intended use(s) referenced above.	iversion and maximum requeste ertain your requested maximum	d annual quantity of wate	r under that priority number of	can NOT be increased. Please
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 Domestic Dewatering Hydraulic Dredging Fire Protection Thermal Exchange Contamination Remediation *<u>IMPORTANT:</u> You <u>must</u> submit a supplemental form providing information to substantiate your request for quantity of water listed in Item No. 3 for the intended use(s) referenced above. 	Artificial Recharge*	Irrigation*	Recreational*	Water Power*
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quantity of water listed in Item No. 3 for the intended use(s) referenced above.	Thermal Exchange	Contamination Re	mediation	
				substantiate your request for
FOR OFFICE USE ONLY		FOR OFFIC	E USE ONLY	
FO GMD DUA Use Source County By Date Code Code Fee \$ 320 TR # Receipt Date22-2.4 Check #2915				

J.						S	VVP			CES				
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s for	wells, exce	pt that a si	ingle appli	cation	may incl	ude up	to four v	wells wit	thin a c	ircle w	ith a quar	ter (1/4) r	nile radiu	s in
be ined.	four wells in	n the same	e local sou	urce of	f supply v	within a	300-foc	ot radius	circle	which	are being	g operate	ed by pur	nps
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(B)	One in the	SW quar	ter of the	S٤	_ quarte	er of the	NE	quarte	er of Se	ection	04,	more pa	articularly	y described
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	Township 32	Sout	h, Range	08	_ []E [W, <u>H</u>	larper		C	County	y, KS. A.	K.A:		
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	Township 32	Sout	h, Range	08	_ 🗌 E 🛽	W, H	larper	· · · · ·	0	County	y, KS. A.	K.A:		
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							D -11	a	mo	n				
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and	was/will be co	mpleted	on or by t	the foi	llowing	date: _	ASA	D						all for the second second
								(d	ate each	i was c	or will be co	ompleted)		
The	first actual ap	plication	of water f	for the	e propos	ed ber	neficial	use wa	s or is	estim	nated to	be AS	SAP	ate)
dive	rsion or any o	f the sam	ne place o	of use	describ	ed in the	his app	lication	. Also	list a				
toe	lioting pointie	or water	rights in	conju					-ppca					
	appli spec quar allow s for o be ined. (A) (B) (C) (C) (C) (C) (C) (E) The and The List dive	application to be a specifically requess quarter section of allow If the source s for the same loo of be A battery of ined. four wells in not to excer (A) One in the <u>A</u> as being nea Township <u>32</u> (B) One in the <u>S</u> as being nea Township <u>32</u> (C) One in the <u>a</u> as being nea Township <u>32</u> (D) One in the <u>a</u> as being nea Township <u>32</u> (D) One in the <u>s</u> as being nea Township <u>32</u> (E) One in the <u>s</u> and was/will be co	 application to be accepted, specifically request a 60-da quarter section of land. You allow if the source of supply wells, except that a s for the same local source of the same local sour	 . Of The location(s) of the proposed diapplication to be accepted, the point specifically request a 60-day period quarter section of land. You can specifically request a 60-day period quarter section of land. 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OCT 31 2024

RECEIVED

WATER RESOURCES RECEIVED

JUL 2 2 2024 File No. 51270

9. Will pesticide, fertilizer, or other foreign substance be injected into the Water bumped 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 DWR prior to submitting this application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you made an application for a permit for construction of this dam and reservoir with DWR?

If yes, write the Water Structures permit number here:

11. Furnish a detailed topographic or aerial map that depicts the following information:

The application **must** be supplemented by a topographic map, aerial photograph or a detailed plat showing the information described in A-D below.

- (A) The center of the section, the section lines or the section corners, and labels showing the appropriate section, township and range numbers, as well as a north arrow and scale,
- (B) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) described in Item No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section,
- (C) The location of the proposed place of use identified by crosshatching,
- (D) For Groundwater Use, the location of any existing water wells of any kind within ½ mile of the proposed well or wells and indicate for each well its type of use and the name and mailing address of the property owner or owners, (If there are no wells within ½ mile, please indicate that on the map.)

For Surface Water Use, the names and addresses of the landowner(s) ½ mile downstream and ½ mile upstream from your property lines, and

- (E) The locations of proposed or existing dams, dikes, reservoirs, canals, pipelines, power houses, and any other structures for the purpose of storing, conveying, or using water.
- 12. For groundwater use, furnish copies of the driller's logs for all test holes or completed wells. Please ensure that the driller's logs provide depth to the static water level. If driller's logs cannot be obtained for an existing well, provide the following information:

Well lo	cation as shown in Item No. 5	(A)	(B)	(C)	(D)	(E)
Please allow	Date drilled	10/16/2024	10/14/2024			
60 days for logs and well	Total depth of well	56	60			
information.	Depth to static water level	8	8			

13. The owner(s) of the point of diversion, if other than the applicant is:

Dean Family Farms, LLC C/O Michael Dean, 3612 Epperly Dr Del City OK 73115, 405-639-9343

(name, address, and phone)

(name, address, and phone)

	RECEIVED	WATER RES				
	OCT 31 2024	JUL 22	2024	File No.	5127	10
	KS DEPT OF AGRICULTURE	KS Dept. of A	griculture		- - - - - - - - -	
	of the property where the water is arms, LLC C/O Michael De				3115 40)5-639-9343
bourr army r		ne, address, and phon			0110, 10	
	(nam	ne, address, and phon	ie)			
15. The relationshi	ip of the applicant to the proposed	place where the wa	ater will be u	sed is that c	of:	
Owner	Agent Tenant O	ther:		3		
the owner(s) to application, I v should be desi	vith the Division by March 1 of each of a civil fine of up to \$1,000 and po- verify that the owner(s) of the war ignated as the WUC: Pean, 3612 Epperly	otential suspension ter right or permit h	of the water have confirm	appropriation and that the	on or right. following p	By signing this person or agent
Wildhach D	· · · · · · · · · · · · · · · · · · ·	ne, address, and phor		0110,	100 0	00 00 10
when I would water. Situatio are not met, w a Water Reser	nat if this application is approved, the I not be allowed to divert water ons where this might occur may in when Assurance District or Water M vation Right upstream of a federal prevent impairment.	This could affect clude times when m Marketing releases	t the econo ninimum des are made fro	omics of my sirable strear om storage i	/ decision nflow (MD n federal r	to appropriate S) requirements eservoirs, when
	er penalty of perjury, that I have le m the landowner or the landowner			e point(s) of	diversion c	described in this
	low, I verify that the information s ade above, and that this application			est of my k	nowledge,	I agree with all
(Applicant S	ulp. num			16:	July Date	2024
Applicant	Signature)				(Date	
Dean (Applicant N	Fanily Farms L Name-please print)	-LC C/	o Mic	HAEL	D.	DEAN
	변경 영상 전체 가지 않는 것이다. 같은 것이 있는 것이 같은 것이 있는 것 같은 것이 같은 것이 같은 것이 같은 것이 같은 것이 있는 것이 있는 것이 있는 것이 없는 것					
Man	a g eV Title if applicable – please print)					
(Applicant	nievii applicable – please print)					

Assisted by Daniel Bird

STFO/Environmental Scientist Date: 07/15/2024

(office/title)

OCT 31 2024

KS DEPT OF AGRICULTURE

IRRIGATION USE SUPPLEMENTAL SHEET

WATER RESOURCES RECEIVED

JUL 2 2 2024

File No. 51270

KS Dept. of Agriculture

Name of Applicant (Please Print): Michael Dean

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

Landowner of Record NAME: Dean Family Farms, LLC

ADDRESS: 3612 Epperly Dr. Del City OK 73115

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4																1		전문	
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Landowner of Record NAME:

ADDRESS: _____

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Landowner of Record NAME: _____

ADDRESS: _____

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		14											1						17.10

DWR 1-100.23 (Revised 07/07/2000)

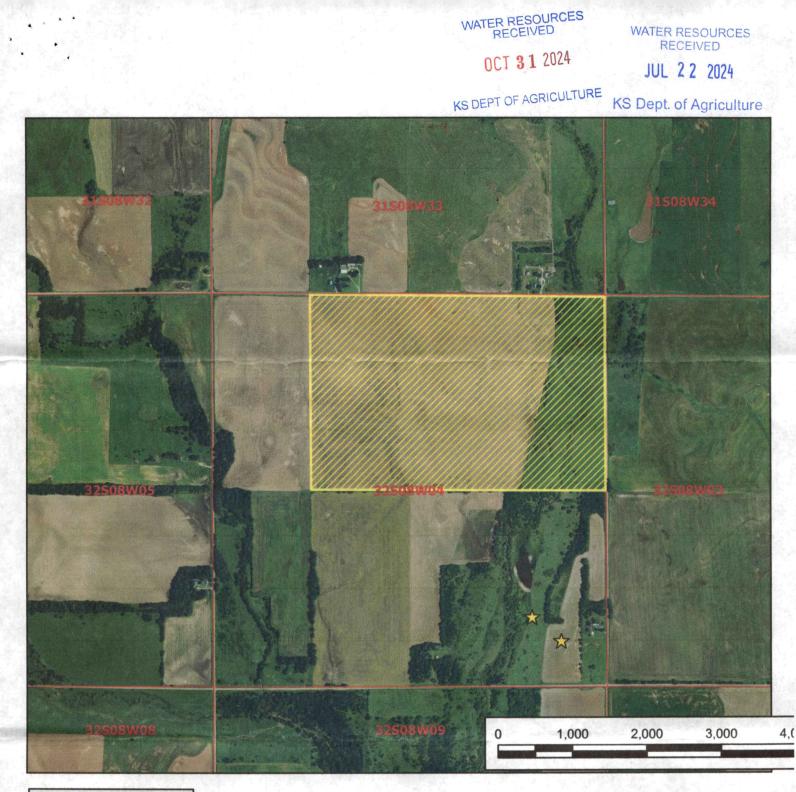
2. Please complete the following information for the description of the operation for the irrigation project Attach supplemental sheets as needed.

a.	Indicate the soils in the field(s) and	their intake rates:		KS Dept. of Agriculture
	Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
	woodward-quinlan loam	3		1
	nalim loams	72		and a first of the second s
	shellabarger loam	3		
	nalim loam	10		
	Crisfield loam	12		
1	Total:	100 %	1 0/	
b.	Estimate the average land slope in the	ne field(s):	%	
	Estimate the maximum land slope in	the field(s):	3.5 %	
c.	Type of irrigation system you propo	se to use (check one)		
	X Center pivot	Center p	bivot - LEPA	"Big gun" sprinkler
	Gravity system (furrows)	Gravity	system (borders)	Sideroll sprinkler
	Other, please describe:			
d.	System design features:			
	i. Describe how you will control	tailwater:		
	No Tailwater.			
	ii. For sprinkler systems:			
	(1) Estimate the operating	pressure at the distril	bution system: <u>35</u>	psi
	(2) What is the sprinkler p	backage design rate?	800 gpm	
	(3) What is the wetted dia	meter (twice the dista	nce the sprinkler throw	s water) of a sprinkler on
	the outer 100 feet of th	ne system?65	feet	
	(4) Please include a copy	of the sprinkler packa	ge design information.	
e.	Crop(s) you intend to irrigate. Pleas This is Primarily an Alfalfa field. int Soybeans, Wheat, Corn, or Milo for	end to farm Alfalfa for	or Five years. followed b	·
f.	Please describe how you will detern important if you do not plan a full in	nine when to irrigate a rigation).	and how much water to	apply (particularly
	Utilizing area forecasts and soil moi	sture meters, irrigate	only when necessary for	optimum growth.
		*		

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

OCT 31 2024

Page 2 of 2





Place of Use map for New Water Appropriation 04-32S-04W // Harper County

To the best of my knowledge, all points of diversion within one-half mile of the proposed point of diversion have been shown.

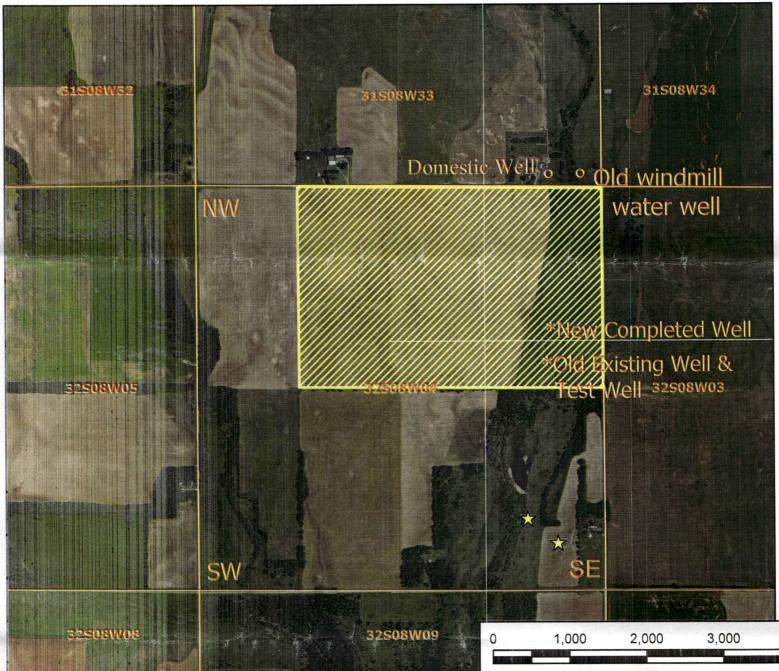
ивия 18342024 07/11/2024 DKB/SFFO 1:15,000 scale

Signature / Date

OCT 31 2024

51270

KS DEPT OF AGRICULTURE





* Well Battery Location
 ° Existing Water Wells

Place of Use map for New Water Appropriation

04-32S-04W // Harper County

To the best of my knowledge, all points of diversion within one-half mile of the proposed point of diversion have been shown.

Mutul () Mr Michael D. Dean, Manager Dean Family Farms

Signature / Date 25 Oct 2024 07/11/2024 DKB/SFFO 1:15,000 scale

OCT 31 2024

KS DEPT OF AGRICULTURE

Owners of Wells

within one-half mile

South of Project (two wells):

MANS, CLINTON A & CHRISTINA L PO BOX 217 ATTICA KS 67009

North of Project (two wells, no records)

SCHULE, AARON 820 NW 100 RD HARPER KS 67058

WATER WELL RECORD (WWC-5)



Range

32

Township

OF WATER WEL	.L					
37.292149	Longitude	-98.187	/137			
Datum NAD83		146	1			
OWNER			WE			
	Careful and second s		D			
Dean F	amily Farms	, LLC	co			
	3612 Epperly Dr Del City OK 73115					
1 100 Rd &	NW 80 Ave		(1 (3			
	E of Attica		St			
	37.292149 NAD83 LOWNER Dean F 36 Del Cit 100 Rd &	NAD83 Elevation LOWNER Dean Family Farms 3612 Epperly D Del City OK -750ft W & 7/20mi S of 100 Rd & NW 80 Ave 3/4mi NNE of Attica	37.292149 Longitude -98.187 NAD83 Elevation 146 LOWNER Dean Family Farms, LLC 3612 Epperly Dr Del City OK 73115 ~750ft W & 7/20mi S of NW 100 Rd & NW 80 Ave / 3 3/4mi NNE of Attica			

CONSTRUCTION

Borehole interval:	Borehole diameter:
from 0 to 56 ft.	12 _{in.}
from to ft.	in.
Casing height above land su	rface: 12 in.
If casing height is less the has a variance been appr	
*variance not required for or environmental remed	diation wells
Casing type: Therr	nalPlastic
	0 ft. to 36 ft.
Blank casing diameter:	8 _{in.}
Casing joints:	Glued
Weight:lba	s/ft.
Wall thickness or gauge	no.: .332
Blank casing interval:	ft. toft.
Blank casing diameter:	in.
Casing joints:	
Weight:lbs	s/ft.
Wall thickness or gauge	no.:
Grout interval:0 ft. to	
Grout material: Ber	
Grout interval:ft. to	oft.
Grout material:	
	Bankhan
Screen / perforation material	PVC
Screen / perforation opening	gs: Mill slot
Screen / perforation intervals	
From 36 ft. to 56	ft.
Slot size unit	inches
Fromft. to	
Slot size unit	
Gravel pack intervals:	
Gravel pack not used:	The second se
From 23 ft. to 5	6 ft.
Gravel pack not used: 山	Gravel size in
From ft. to	ft.

Count	y Harp	er	
WELL WATE	RUSE		
Domestic I	ivestock	/Pasture	
OMPLETIO	N		
Depth of con	mpleted w	ell:	56 _{ft.}
Depth(s) gro	oundwater	encountere	d:
(1) 8	it.; (2)	ft.;	
(3)f	it.; (4) 🗆] dry well	
Static water	level in we	ell: 8	ft.
measure on (mm/		nd surface	10/16/2024
measure on (mm/		nd surface	a second
Estimated y	ield: 1	50 gpm	
			hours
		pumping	gpm
Pump instal	led? 🗆 Ye	es 🖌 No	
Water well o	lisinfected	? I Yes 🗆	No
Date disinfe	cted (mm	/dd/yy):	10/16/2024
Aquifer, if k	nown:		

Section

4

Source:	
Distance from well:	Direction from well:
Source description:	-
Source:	
Distance from well:	Direction from well:
Source description:	
 No potential so within 100 feet 	ource of contamination
ERMIT & ID NUM	BERS (AS REQUIRED)
DWR Application	No.:
KDHE / EPA Proje	ect Code:
Site Name:	
KDHE UIC Class	V Form Completed: 🗆 Yes 🗆 No
County Permit: 🗆	Yes 🗌 No Permit ID:
Lease Name & We	ll #:
# of boreholes:	# of dewatering wells:

8 $\stackrel{\square E}{\checkmark_W}$ Fraction NW ½ SE ½ NE ½

LITHOLOGIC LOG FROM LITHOLOGY INTERVALS то topsoil 0 3 clay 3 5 sand, fine to medium 5 31 clay,sand mix 60/40 31 36 sand, medium 36 56 shale, moderately weathered 56 60

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed freconstructed pursuant to the stated water well
mis water well was constructed \checkmark reconstructed $_$ pursuant to the stated water well
contractor's license and was completed on $10/16/2024$. I certify that this record is true to
the best of my knowledge and belief. This water well record was completed on
under the business name of Peterson McNett Drilling, Inc,
Kansas Water Well Contractor's License No under the authority of the designated
person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Logan McNett WATER RESOURCES
designated person at its submittal: Logan McNett WAIER RECEIVED

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT OCT 31 2024

Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367 KS DEPT OF AGRICULTURE (785) 296-3565 | K.S.A. 82a-1212 | v2022c

		WATER RESOURCE RECEIVED
Dec	in Family Farms IRRIGATION TEST	WELL 0CT 31 2024
Driller & A	ssistant: Logan and Gary 🕇 🗘 🍾	Date: 10/14/2024 KS DEPT OF AGRICUL
CUSTOM	ER: Mike Dean	PHONE #: 405-639-9343/405-0
MAIL ADI	DRESS: 3612 Epperly D	r. Del City, OK 73115
DRILL LOO		
Screen	2-1/2" □ Quarters □ 3/4" gs, 2-1/2" □ Water □ 2-1/ os, 2-1/2" □ Lime □ 5" & Pack □ Drilling Mud □ Pack	cing
Depth:	Formation:	Well Information:
0-3'	top soil	Static Water Level: 8'
3'-20'	sand coarse	Groundwater depth:
20'-24'	sand clay mix 60/40	Est. Production: 100-250 gpm
24'-50'	clay with fine sand 70/30	Casing Size/Depth:
50'-52' 52'-53'	sand coarse	Correct Cine (Denth
53'-53	floating shale	Screen Size/Depth:
57'-60'	sand coarse clay mix 70/30 shale red	Slot Size:
57-00	Sildle leu	
Sec. 2		Grouting Depth: 0-60' Number of Bags: 3
		Sucker Rods:
		1" Casing:
		Nearest Contamination: NONE.
		Notes:
Latitude:	37.290912 N decimal degrees	
	-98.187247 W decimal degree	s (ex. 95.373889)
Datum:	□ NAD27 X NAD83 □ WGS84	
		50 × 60/ft. Well \$ 1200.00
- 1/4		15 ° /Grout
Sec. 4	T.32 R 8 W S	/Permit Charge
County	Harper \$	/Submersible Pump /Dirt & Debris Removal
	garden and a state of the state	
		/Water Sample / Test Pumping
	<u>\$</u> \$	/Mobilization/Travel /Discount
W	E	ct Received: 10 - 2 - 2024
		0.00
	Invoice	
	S Date M	
Permit #:	Well Da	ata: 🖌 Access: Sean:-