

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49,730

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

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**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.)

NOV 14 2016

12:50

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): DARREN IRONS
Address: 200 WORTHINGTON LANE
City: EDMOND State OK Zip Code 73013
Telephone Number: (405) 513-8225

2. The source of water is: surface water in _____ (stream)
OR groundwater in ARKANSAS RIVER (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 201.5 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 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) 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. 2 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G/S County 50 By ADW Date 11/16/16
Code DF2 Fee \$ 300 TR # _____ Receipt Date 11/14/16 Check # 2308

11/16/2016 CM

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 NE quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 2040 feet North and 495 feet West of the Southeast corner of said section, in Township 32 South, Range 2 East West (circle one), SUMNER County, Kansas.
- (B) One in the NE quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 2290 feet North and 645 feet West of the Southeast corner of said section, in Township 32 South, Range 2 East West (circle one), SUMNER County, Kansas.
- (C) One in the SE quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 1790 feet North and 395 feet West of the Southeast corner of said section, in Township 32 South, Range 2 East West (circle one), SUMNER County, Kansas.
- (D) One in the NE quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 2290 feet North and 395 feet West of the Southeast corner of said section, in Township 32 South, Range 2 East West (circle one), SUMNER County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each well, except that a single application may include up to four wells in the same local source of supply which do not exceed a maximum of

A battery of wells is defined as two or more wells connected to a common distribution system. A battery of wells in the same local source of supply within a 300 foot radius shall not exceed a total maximum diversion rate of 800 gallons per acre per day.

Geo - Center

2103 N

6. The owner of the point of diversion, if other than the applicant is (print name, address and telephone number)

ANGELA IRONS, 2001 WORTHINGTON LANE, E.
(name, address and telephone number)

483 W

Plz note: I entered into WRIS the battery already entered for #48657. Feet distances differ from those stated here.

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

I have legal access to, or control of, the point of diversion by the landowner or the landowner's authorized representative. I declare the foregoing is true and correct.

Executed on NOVEMBER 2, 2016.

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 4 WELLS (number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) _____ (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 Nov 2, 2016 (Mo/Day/Year)

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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 _____

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.

FILE 48,657 COVERS THE IRRIGATION ON SE 1/4 OF 27-32-2E. THIS APPLICATION
WILL USE THE WELLS IN FILE 48,657 FOR THE SW 1/4 OF 27-32-2E.

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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>9-28-15</u>	<u>9-28-15</u>	<u>9-28-15</u>	<u>9-28-15</u>
Total depth of well	<u>55</u>	<u>55</u>	<u>51</u>	<u>58</u>
Depth to water bearing formation	<u>22</u>	<u>25</u>	<u>21</u>	<u>21</u>
Depth to static water level	<u>23</u>	<u>23</u>	<u>23</u>	<u>23</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

DARREN IRONS
(owner, tenant, agent or otherwise)

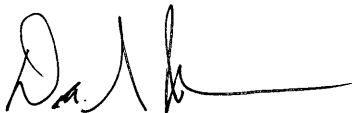
15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

EMANUEL LLC, 2001 WORTHINGTON LANE, EDMOND, OK 73013 (405) 513-8225.
(name, address and telephone number)

ANGELA IRONS, 2001 WORTHINGTON LANE, EDMOND, OK 73013 (405) 513-8225
(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 EDMOND, ^{OKLAHOMA} ~~Kansas~~, this 2 day of NOVEMBER, 2016.
(month) (year)



(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by _____ Date: _____
(office/title)

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FEE SCHEDULE

- 1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

- 2. The fee for an application in which storage is requested, except for domestic use, shall be:

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof.

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

- 3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

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IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49,730

Name of Applicant (Please Print): DARREN IRONS

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: DARREN/ANGELA IRONS / EMANUEL LLC

ADDRESS: 2001 WORTHINGTON LANE, EDMOND, OK 73013

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
27	32S	2E										40	40	35	40					155

Landowner of Record NAME: ANGELA IRONS (48657- FILE NUMBER)

ADDRESS: 2001 WORTHINGTON LANE, EDMOND, OK 73013

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
27	32S	2E														40	40	40	40	160

Landowner of Record NAME: _____

ADDRESS: _____

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		

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:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
Arctostaphylos NALIM (0-1%)	4.5		
NALIM (1-3%)	0.7%		
BETHANY (0-1%)	38.5%		
BETHANY (1-3%)	56.3%		
Total:	100%		

b. Estimate the average land slope in the field(s): 1-2 %

Estimate the maximum land slope in the field(s): < 3 %

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

- Center pivot Center pivot - 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:

N/A

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: _____ 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? _____ 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:

WHEAT, DOUBLE CROP BEANS, CORN

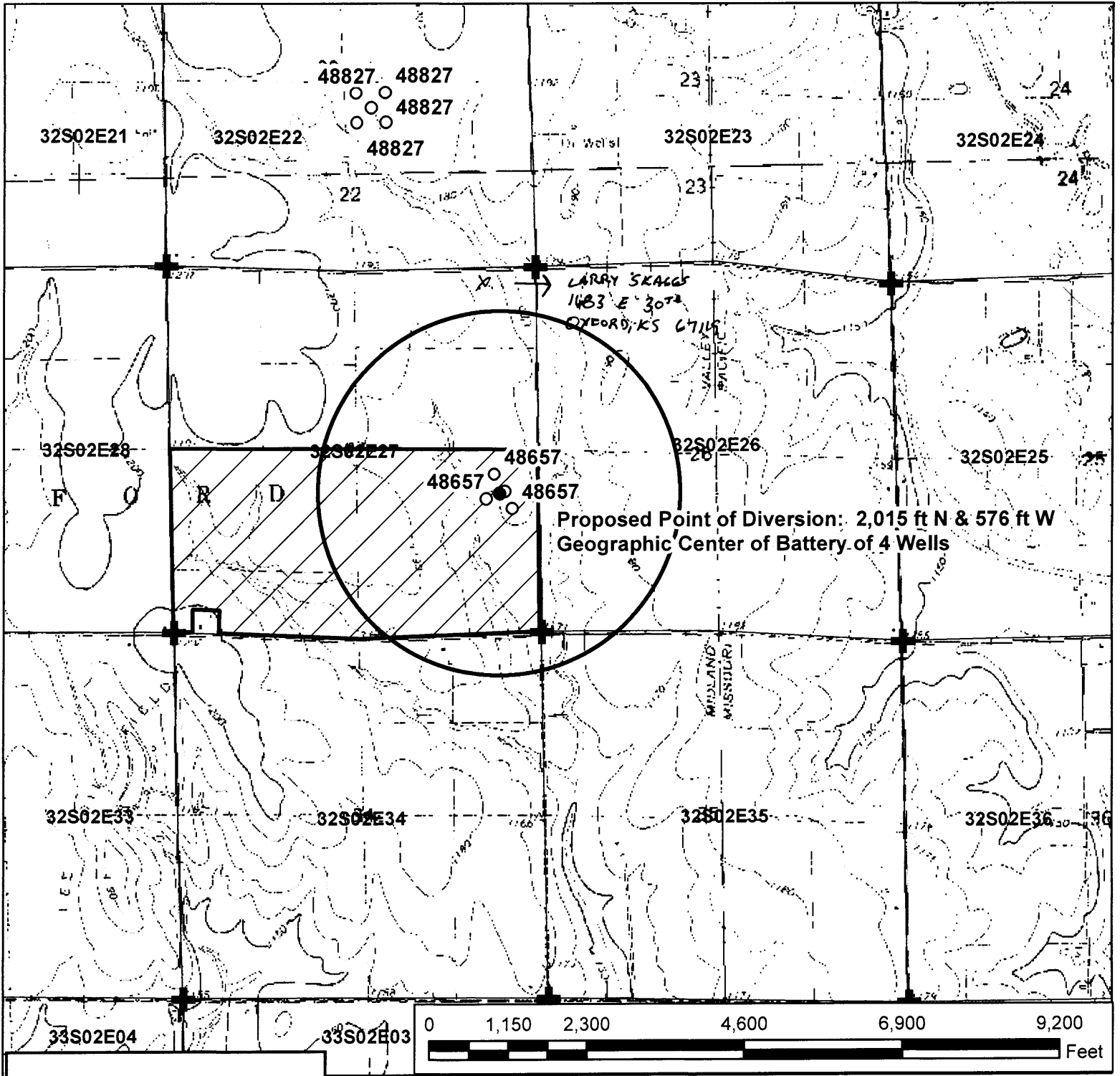
f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

WE WILL IRRIGATE UPTO 1.3 ACRE FOOT, RUNNING WHEN ADDITIONAL WATER IS BENEFICIAL FOR CROP PRODUCTION.

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

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Proposed Point of Diversion: 2,015 ft N & 576 ft W
 Geographic Center of Battery of 4 Wells

Legend

- Water Appropriations
- ☆ Domestic Well
- ⊕ Section Corner
- Half Mile Circle
- ▭ Section Line
- ▨ Proposed Place of Use

Water Appropriation, File No.

New Application Map
 Proposed Overlap with File No. 48567
 27-32S-2E // Sumner County

To the best of my knowledge, all of the domestic wells of AGRICULTURE within 1/2 mile of the proposed point of diversion have been shown.

[Handwritten Signature]

Signature

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WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

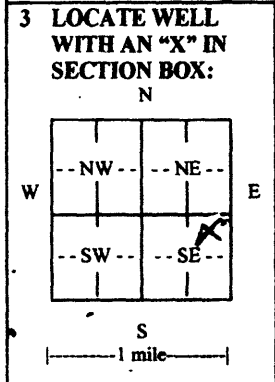
48,657

1 LOCATION OF WATER WELL: County: Sumner	Fraction 1/4 NE 1/4 NE 1/4 SE 1/4	Section Number 27	Township No. T 32 S	Range Number R 2 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
E. 40th and N River Rd. HOLE #2 NORTHWEST

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

2 WATER WELL OWNER: Angela Irons
RR#, Street Address, Box #: 2420 Woodruff Rd.
City, State, ZIP Code : Edmond, OK 73013



4 DEPTH OF COMPLETED WELL 55 ft.
Depth(s) Groundwater Encountered (1) 23 ft. (2) ft. (3) ft.
WELL'S STATIC WATER LEVEL 23 ft. below land surface measured on mo/day/yr.....
Pump test data: Well water was ft. after hours pumping gpm
EST. YIELD 350 gpm. Well water was ft. after hours pumping gpm
Bore Hole Diameter 30 in. to 55 ft., and in. to ft.
WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No
If yes, mo/day/yr sample was submitted.....
Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other
CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter .16 in. to .55 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface .12 in., Weight .16 lbs./ft., Wall thickness or gauge No. SCH40
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Forch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
SCREEN-PERFORATED INTERVALS: From .35 ft. to .55 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From .20 ft. to .55 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From .3 ft. to .20 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well NONE-OPEN FIELD
Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	22	Clay			
22	51	Medium Sand to Coarse Sand			
51	55	Shale			

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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 09/28/2015 and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. 238 This Water Well Record was completed on (mo/day/year) 09/30/2015
under the business name of Premier Pump & Well Service, Inc by (signature) *Mansera*

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

WATER WELL RECORD

Form WWC-5

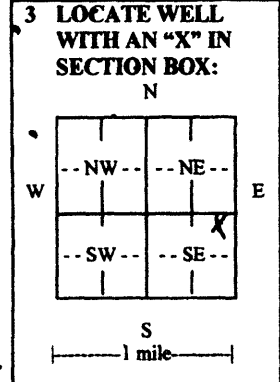
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Sumner	Fraction ¼ NE ¼ NE ¼ SE ¼	Section Number 27	Township No. T 32 S	Range Number R 2 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here
 E 40th and N River Rd **HOLE # 5 NORTHEAST**

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

2 WATER WELL OWNER: Angela Irons
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 City, State, ZIP Code : Edmond, OK 73013



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 EST. YIELD **350** gpm. Well water was ft. after hours pumping gpm
 Bore Hole Diameter **30** in. to **55** ft., and in. to ft.
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other
 CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter **.16** in. to **.55** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **.12** in., Weight **.16** lbs./ft., Wall thickness or gauge No. **SCH40**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
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 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well **NONE-OPEN FIELD**
 Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	25	Clay			
25	50	Medium Sand to Coarse Sand			
50	55	Shale			

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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **09/29/2015** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **238** This Water Well Record was completed on (mo/day/year) **09/30/2015** under the business name of **Premier Pump & Well Service, Inc.** by (signature)

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

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

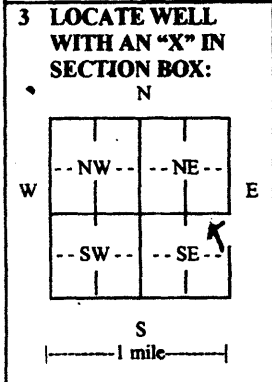
48,657

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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here
 E. 40th and N River Rd. HOLE #1 CENTER
 40th

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

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 RR#, Street Address, Box #: 2420 Woodruff Rd
 City, State, ZIP Code : Edmond, OK 73013



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 EST. YIELD 350..... gpm. Well water was..... ft. after..... hours pumping..... gpm
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 Water well disinfected? Yes No

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 CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter .16..... in. to .51..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface .12..... in., Weight .16..... lbs./ft., Wall thickness or gauge No. SCH40.....
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify).....
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify).....
 SCREEN-PERFORATED INTERVALS: From .31..... ft. to .51..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From .20..... ft. to .51..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other.....
 Grout Intervals: From .3..... ft. to .20..... ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well NONE-OPEN FIELD
 Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	21	Clay			
21	50	Medium Sand to Coarse Sand			
50	51	Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 09/28/2015..... and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 238..... This Water Well Record was completed on (mo/day/year) 09/30/2015.....
 under the business name of Premier Pump & Well Service, Inc..... by (signature) *Monica J. [Signature]*
 INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.
 Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>

WATER WELL RECORD

Form WWC-5

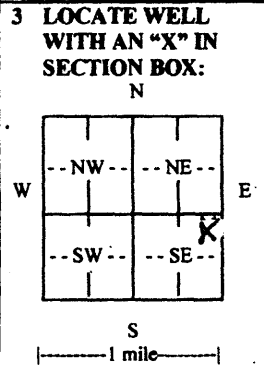
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Sumner	Fraction 1/4 NE 1/4 NE 1/4 SE 1/4	Section Number 27	Township No. T 32 S	Range Number R 2 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
E. 40th and N River Rd. HOLE #4 SOUTHEAST

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

2 WATER WELL OWNER: Angela Irons
RR#, Street Address, Box #: 2420 Woodruff Rd
City, State, ZIP Code : Edmond. OK 73013



4 DEPTH OF COMPLETED WELL 58 ft.
Depth(s) Groundwater Encountered (1).23 ft. (2) ft. (3) ft.
WELL'S STATIC WATER LEVEL.23 ft. below land surface measured on mo/day/yr.....
Pump test data: Well water was ft. after hours pumping gpm
EST. YIELD.350 gpm. Well water was ft. after hours pumping gpm
Bore Hole Diameter 30 in. to 58 ft., and in. to ft.
WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No
If yes, mo/day/yr sample was submitted.....
Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other
CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter .16 in. to .58 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface .12 in., Weight .16 lbs./ft., Wall thickness or gauge No. SCH40
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
SCREEN-PERFORATED INTERVALS: From .38 ft. to .58 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From .20 ft. to .58 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From 3 ft. to 20 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well **NONE-OPEN FIELD**
Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	21	Clay			
21	52	Medium Sand to Coarse Sand			
52	54	Fine Sand			
54	56	Medium Sand to Coarse Sand			
56	58	Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 09/28/2015 and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. 238 This Water Well Record was completed on (mo/day/year) 09/30/2015
under the business name of Premier Pump & Well Service, Inc. by (signature) *[Signature]*

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

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

November 16, 2016

DARREN IRONS
2001 WORTHINGTON LAND
EDMOND OK 73013

FILE COPY

RE: Application
File No. 49730

Dear Sir or Madam:

Your application for permit to appropriate water in 27-32S-2E in Sumner 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,

A handwritten signature in cursive script that reads "Brent A. Turney".

Brent A Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: STAFFORD Field Office
GMD