

# 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

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SEP 29 2016  
11:43  
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File Number 49,712  
This item to be completed by the Division of Water Resources.

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SEP 26 2016  
2:00  
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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.)

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): Steve Broussard, sole member J.S. Broussard Farms, LLC  
Address: 1301 Common St.  
City: Lake Charles State LA Zip Code 70601  
Telephone Number: (337) 496-7383

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
OR  groundwater in Cimarron 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 15 acre-feet OR \_\_\_\_\_ gallons per calendar year, to be diverted at a maximum rate of 95 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. <u>2</u>	GMD <u>0</u>	Meets K.A.R. 5-3-1 (YES/NO) <u>(YES)</u>	Use <u>FRR</u>	Source <u>G/S</u>	County <u>CM</u>	By <u>ASW</u>	Date <u>9/29/16</u>
Code <u>RF6</u>	Fee \$ <u>200</u>	TR # _____	Receipt Date <u>9/29/16</u>	Check # <u>31008</u>			

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10/4/2016 LCM

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 SW quarter of the NW <sup>NE \*</sup> quarter of Section 11, more particularly described as being near a point 2730 feet North and 1400 feet West of the Southeast corner of said section, in Township 32 South, Range 19 East/West (circle one), Comanche 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):

\_\_\_\_\_  
(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. 14, 2016. Steven Bernard  
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)(will be) completed (by) 10/1/2016  
(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 3/15/2017  
(Mo/Day/Year)

\* AJW/DWR

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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 \_\_\_\_\_

Will not be impounding water, not constructing dam or reservoir

- 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.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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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	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
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, 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 Pratt, Kansas, this 19<sup>th</sup> day of September, 2016.  
(month) (year)

*Allen Biessel*  
(Applicant Signature)

By \_\_\_\_\_  
(Agent or Officer Signature)

\_\_\_\_\_  
(Agent or Officer - Please Print)

Assisted by Josh U.C. Nicolas Attorney/Stafford Eveston, LLC Date: 9/19/2016  
(office/title)

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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	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
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 Pratt, Kansas, this 7<sup>th</sup> day of August, 2016.  
(month) (year)

*Steven Brumand*  
(Applicant Signature)

By \_\_\_\_\_  
(Agent or Officer Signature)

\_\_\_\_\_  
(Agent or Officer - Please Print)

Assisted by Josh V.C. Nicolay Attorney Date: 8/25/2016  
#25-119 (office/title)

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WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

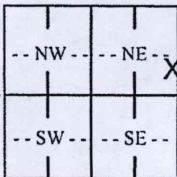
Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Comanche Fraction SE 1/4 NE 1/4 SE 1/4 NE 1/4 Section Number 11 Township Number T 32 S Range Number R 19 E W

2 WELL OWNER: Last Name: Broussard First: Steve Street or Rural Address where well is located: 183 in Coldwater 1 mile west on Ave H then North into

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



4 DEPTH OF COMPLETED WELL: 175 ft. Depth(s) Groundwater Encountered: 1) 20 ft. 2) 20 ft. 3) 20 ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 20 ft.

5 Latitude: 37.275249 (decimal degrees) Longitude: 99.346503 (decimal degrees) Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model):

6 Elevation: 2041 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other: KOLAR

7 WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID 9. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID Cased Uncased Geotechnical 12. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. 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 diameter 8 in. to 175 ft. Diameter 36 in. to 80 ft. Diameter 36 in. Weight lbs./ft. Wall thickness or gauge No. sh80 TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) 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 135 ft. to 175 ft. GRAVEL PACK INTERVALS: From 30 ft. to 175 ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 0 ft. to 30 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? Distance from well? ft.

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows show depth intervals from 0 to 175 ft. with lithology: Sand, Clay, Sand & Clay mix, Sand, Red shale with clay mixed in. Includes stamps: WATER RESOURCES RECEIVED, SEP 29 2016, UNACCEPTABLE FOR PRIORITY, KS DEPT OF AGRICULTURE.

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) 03/17/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 665 This Water Well Record was completed on (mo-day-year) 04/19/2016 under the business name of Pratt Well Service

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565. Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212

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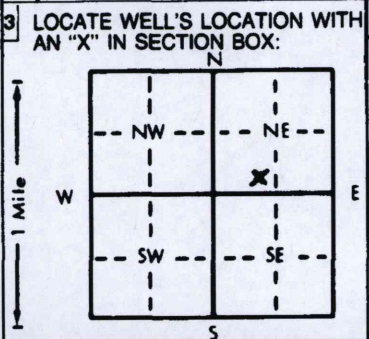
49,712

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

1 LOCATION OF WATER WELL: Fraction: SE 1/4 SW 1/4 NE 1/4 Section Number: 11 Township Number: T 32 S Range Number: R 19 E/W  
 County: COMANCHE

Distance and direction from nearest town or city street address of well if located within city?  
From Coldwater, 3/4 WEST

2 WATER WELL OWNER: RUSSELL HARNESS  
 RR#, St. Address, Box #: Coldwater, Ks  
 City, State, ZIP Code: Coldwater, Ks  
 Board of Agriculture, Division of Water Resources  
 Application Number:



4 DEPTH OF COMPLETED WELL: 75 ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered 1. \_\_\_\_\_ ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 30 ft. below land surface measured on mo/day/yr \_\_\_\_\_  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield \_\_\_\_\_ gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic  3 Feedlot  6 Oil field water supply  9 Dewatering  11 Injection well   
 2 Irrigation  4 Industrial  7 Lawn and garden only  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) \_\_\_\_\_  
 2 PVC  4 ABS  7 Fiberglass  \_\_\_\_\_  
 Blank casing diameter 5 in. to 7.5 in. Dia \_\_\_\_\_ ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface -48 in., weight \_\_\_\_\_ 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 \_\_\_\_\_ 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.

6 GROUT MATERIAL: 1 Neat cement  2 Cement grout  3 Bentonite  4 Other \_\_\_\_\_  
 Grout intervals: From 4 ft. to 12 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 How many feet? 50'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	CEMENT PIT			
4	12	BENTONITE			
12	75	CLOD SAND			

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plugged

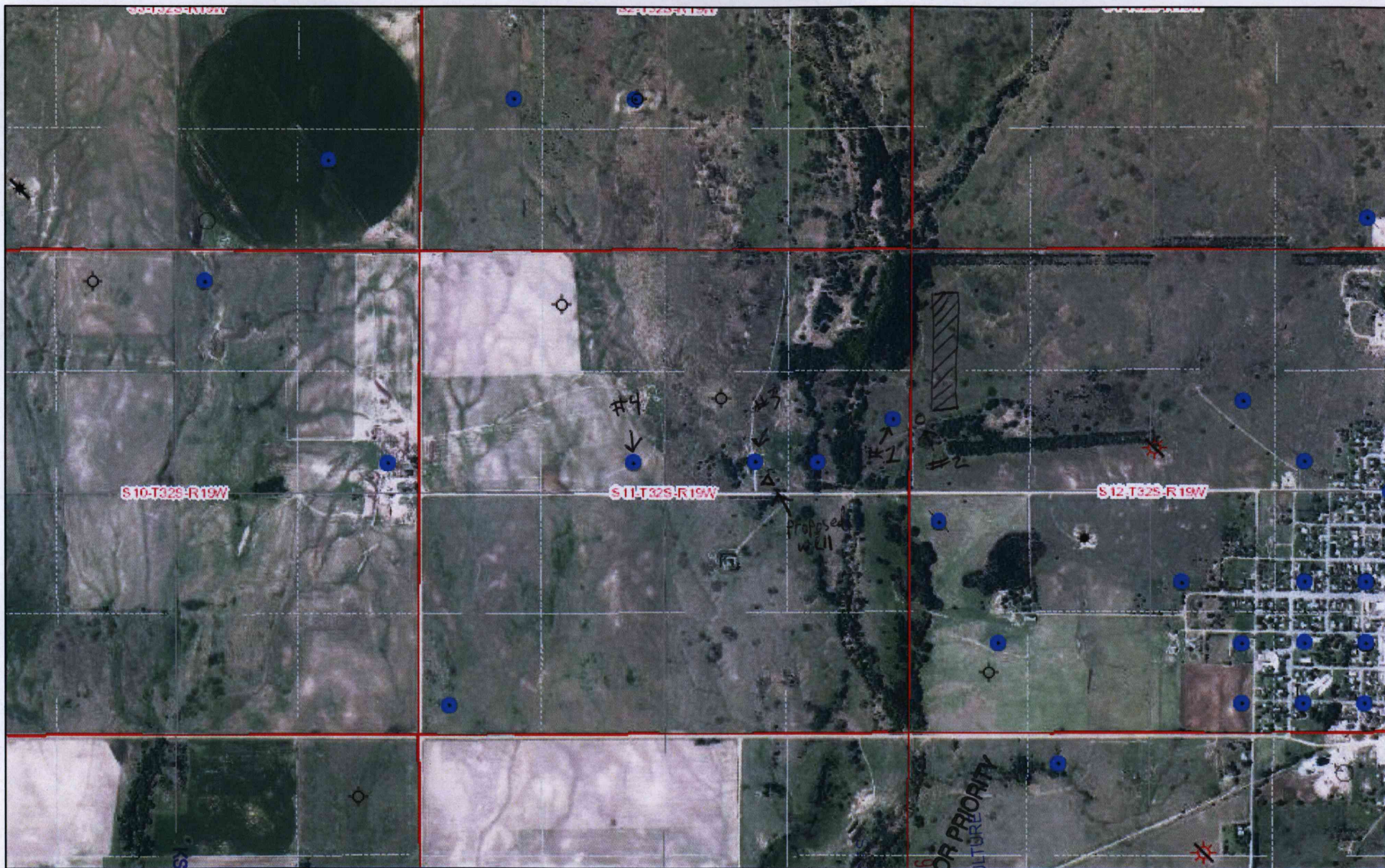
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 6-20-95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 411 This Water Well Record was completed on (mo/day/yr) 6-26-95 under the business name of Lehl's Water Well by (signature) Ron Lehl

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.

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# Broussard Farms, LLC



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September 1, 16

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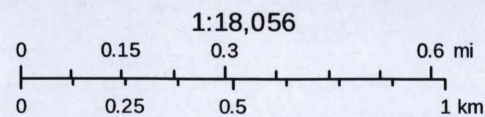
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Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

991, 472

**J.S. BROUSSARD FARMS, LLC AERIAL MAP LEGEND**

1. J.S. Broussard Farms, LLC  
1301 Common St.  
Lake Charles, LA 70601  
*Well is currently unpermitted/unused*
  
2. City of Coldwater  
239 E. Main  
Coldwater, KS 67029  
*Water right # CM 1-00*
  
3. J.S. Broussard Farms, LLC  
1301 Common St.  
Lake Charles, LA 70601  
*Domestic well – currently unused*
  
4. Long Ranch  
c/o Marilyn Long  
RR 1, Box 150  
Gate, OK 73844

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## IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49,712

Name of Applicant (Please Print): Broussard Farms, LLC

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: Broussard Farms, LLC  
 ADDRESS: 1301 Common St. Lake Charles, LA 70601

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12	32	19						X											10

**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	

**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	

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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
Waldeck Fine Sandy Loam	100%	4.0	9
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %		

b. Estimate the average land slope in the field(s): 0-1 %

Estimate the maximum land slope in the field(s): 0-1 %

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:

See attached

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: 90-100 psi
- (2) What is the sprinkler package design rate? 50-100 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? 240 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:

See attached

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).

See attached

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

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**BROUSSARD FARMS, LLC IRRIGATION USE SUPPLEMENT**

- 2(d)(i) Not anticipating tailwater with proposed use. Will have 200-300 gallons of water drainage for system winterization that will drain into soil.
- 2(d)(ii)(4) See attached literature on Nelson Big Gun 100 series sprinkler
- 2(e) Perennial forage crops for wildlife, primarily alfalfa and sainfoin. Will possibly rotate in chicory, clover and turnip.
- 2(f) - Anticipate heavy irrigation initially to establish alfalfa/sainfoin foodplot, with multiple weekly waterings. Once foodplot is established, will irrigate 1-2 times/week to supplement monthly rainfall, and will determine need to irrigate based on actual rainfall of the prior month. Will only mow/harvest as needed to encourage animal foraging, not seeking to regularly harvest irrigated crop for cattle/domestic forage.

WATER RESOURCES  
RECEIVED

SEP 29 2016

KS DEPT OF AGRICULTURE

WATER RESOURCES  
RECEIVED

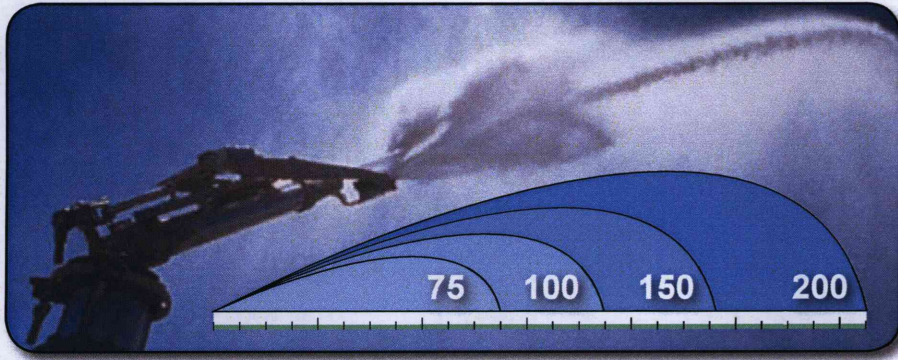
SEP 06 2016  
UNACCEPTABLE FOR PRIORITY

KS DEPT OF AGRICULTURE





SCANNED

49,712

# BIG GUN® OPTIONS AVAILABLE



**TO ORDER BIG GUNS® SPECIFY THE FOLLOWING:**  
 Model No., Trajectory, Connection Size & Type, Nozzle Size & Type, Optional Coatings (Anodized or Anodized and Powder Coated) NOTE: Extended lead time may be necessary for large quantities of anodized or anodized and powder coated products.  
 Specification Example: SR100 (24°), 2" FNPT, 100T-0.8"

	75 SERIES		100 SERIES			150 SERIES			200 SERIES	
<b>PERFORMANCE</b>	30-160 GPM (6.8-36.3 M <sup>3</sup> /H)  25-80 PSI (1.75-6 Kg/cm <sup>2</sup> )		50-300 GPM (10-70 M <sup>3</sup> /H)  40-110 PSI (3.5-8 Kg/cm <sup>2</sup> )			100-630 GPM (23-150 M <sup>3</sup> /H)  50-120 PSI (3.5-9 Kg/cm <sup>2</sup> )			250-1200 GPM (55-275 M <sup>3</sup> /H)  60-130 PSI (4-9 Kg/cm <sup>2</sup> )	
<b>MODEL &amp; TRAJECTORY</b>	Full Circle F75	Part Circle SR75	Full Circle F100	Part Circle SR100	Part Circle SRA100	Full Circle F150	Part Circle SR150	Part Circle SRA150	Full Circle F200	Part Circle SR200
	21°, 24°	18°, 21°, 24°, 43°	18°, 21°, 24°, 43°	15-45° Adjustable		21°, 24°	21°, 24°, 27°, 43°	15-45° Adjustable	21°, 24°, 27°	
<b>NOZZLE OPTIONS</b>	Not Available		100T (Specify Size)			150T (Specify Size)			200T (Specify Size)	
	TR75 (Specify Size)		100TR (Specify Size)		NA for SRNV	150TR (Specify Size)			Not Available	
	Not Available		100R (Includes Set of Rings)		NA for SRNV	150R (Includes Set of Rings)			200R (Includes Set of Rings)	
<b>SPECIAL OPTIONS</b>	Not Available		Anodized & Powder Coated, Vaneless Range Tube*			Anodized & Powder Coated, Stainless Steel (SRA150 N/A), Vaneless Range Tube			Anodized & Powder Coated	
<b>ADD-ON KITS</b>	HD Lower Bearing, 12° Wedge Kit, Counterbalance Kit, Stream Straightener Vane		Low-Pressure Drive Vane Kit, Counterbalance Kit, Secondary Nozzle Kit, 12° Wedge Kit, Stream Straightener Vane			Counterbalance Kit, Secondary Nozzle Kit, Stream Straightener Vane			Secondary Nozzle Kit (standard), 12° Wedge Kit (SR200 only)	
<b>MOUNTING DETAILS</b>	Fits QC** & 2" 800 Series Valve		Fits QC** & 2" 800 Series Valve (QC NA for SRNV100)			Substantial thrust on riser, use 3" valve minimum			Substantial thrust on riser, use 4" valve minimum	
<b>CONNECTION OPTIONS</b>	1 1/2" or 2" FNPT or FBSP ANSI/DIN Nelson or Euro Flange		2" FNPT or FBSP, 2 1/2" FNPT ANSI/DIN, Nelson or Euro Flange		2" FNPT or FBSP for SRNV	Nelson, Euro or ANSI/DIN Flange Also, Nelson Flange to Female Adapters			Nelson, Euro or ANSI/DIN Flange Also, Nelson Flange to Female Adapters	

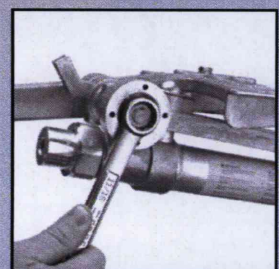
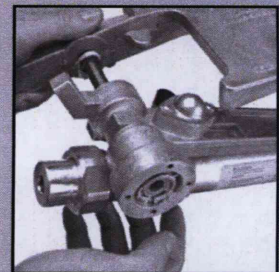
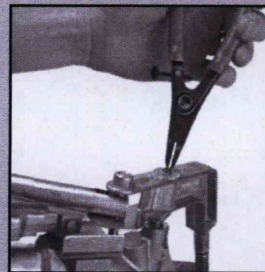
\*Vaneless Range Tube option is for wastewater applications containing hair, straw, etc.  
 \*\* The "Quick Coupling Valve" inlet is available in both 2" and 3" FNPT and FBSP for connection to the piping system. The "Quick Coupling Key" outlet is available in 2" FNPT, 2" FBSP, and Nelson Flange Connection for connection to the Big Gun.

# BIG GUN® FLANGE DETAILS

	75 & 100 SERIES	150 SERIES	200 SERIES
NELSON FLANGE	<p>5/16-18 UNC 2B Threaded Through</p> <p>Use 5/16-18 Bolts Connects to 2" Nelson Flange Bolt Pattern</p>	<p>.406" (10.3mm) Hole Drilled Through</p> <p>Use 3/8-16 Bolts &amp; Nuts or M10 Bolts &amp; Nuts Connects to 3" Nelson Flange Bolt Pattern</p>	<p>3/8-16 UNC Thread .75" (19mm) Deep</p> <p>Use 3/8-16 Bolts &amp; Nuts Connects to 4" Nelson Flange Bolt Pattern (F200 has same bolt pattern as SR150.)</p>
ANSI/DIN COMPATIBLE FLANGE	<p>1/2-13 UNC 2B Threaded Through</p> <p>Use 1/2-13 Bolts Connects to 2" ANSI or 50mm DIN Flanges</p>	<p>1/2-13 UNC 2B Threaded Through</p> <p>Use 1/2-13 Bolts Connects to 3" ANSI or 80mm DIN Flanges</p>	<p>1/2-13 UNC 2B Threaded Through</p> <p>Use 1/2-13 Bolts Connects to 4" ANSI or 100mm DIN Flanges</p>
EURO FLANGE	<p>9.1mm Hole Drilled Through</p> <p>Use M8 Bolts &amp; Nuts Connects to European Traveler Flange</p>	<p>M8 x 1.25 - 6H Threaded Through</p> <p>Use M8 x 1.25 Bolts Connects to European Traveler Flange</p>	<p>M8 x 1.25 - 6H Thread .75" (19mm) Deep</p> <p>Use M8 x 1.25 Bolts Connects to European Traveler Flange</p>

Contact the factory or go to [www.nelsonirrigation.com](http://www.nelsonirrigation.com) for Parts Lists, Operation & Maintenance Guides, Repair Kits, Dimensional Drawings, Add-on Kit literature & Thrust Force information.

Nelson Big Guns  
are easy to repair  
with readily  
available parts.



WATER RESOURCES  
RECEIVED

SEP 29 2016

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WATER RESOURCES  
RECEIVED  
UNACCEPTABLE FOR PRIORITY  
SEP 06 2016

the original **BIG GUN® SPRINKLER**

KS DEPT OF AGRICULTURE

SCANNED

# BIG GUN® PERFORMANCE (U.S. UNITS)

Flow and diameter (feet) information at various pressures with different nozzle sizes. (See information at bottom of page 11.)

## 75 TAPER RING NOZZLE — 24° TRAJECTORY

PSI	0.4"		0.45"		0.5"		0.55"		0.6"		0.65"		0.7"		0.75"		0.8"	
	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.
25*	—	—	—	—	—	—	42	146	50	155	59	161	69	167	80	174	91	182
30*	—	—	—	—	37	158	45	158	55	165	64	172	75	182	87	187	99	192
35	—	—	32	154	40	164	49	172	59	178	69	191	81	196	93	202	106	208
40	27	149	35	160	43	171	52	180	63	190	74	198	87	204	98	213	112	221
45	29	155	37	167	46	180	56	189	67	198	79	206	91	214	104	223	118	230
50	30	161	39	174	48	186	59	195	70	203	83	212	95	220	109	230	123	237
55	32	165	41	179	50	193	62	203	74	213	87	221	100	230	115	239	130	247
60	33	169	42	184	53	198	64	208	77	220	91	228	104	237	120	245	136	254
65	35	172	44	189	55	205	67	216	80	227	95	237	109	247	125	254	142	263
70	36	175	45	194	57	210	69	221	83	232	98	243	113	254	129	260	147	270
75	37	179	47	201	59	217	72	228	86	239	101	250	117	261	134	268	153	277
80	39	182	49	207	61	222	74	234	89	244	105	256	121	266	138	274	158	283

\*Operating at pressures above 30 PSI provides better performance.

## 100 TAPER BORE NOZZLE — 24° TRAJECTORY

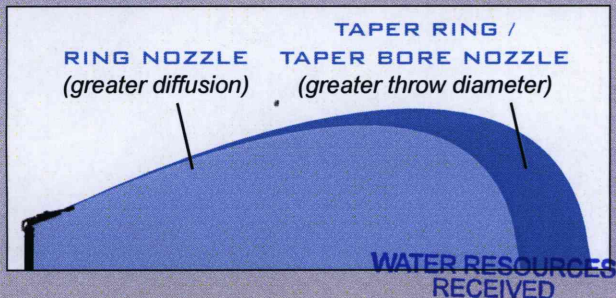
PSI	0.5"		0.55"		0.6"		0.65"		0.7"		0.75"		0.8"		0.85"		0.9"		1.0"	
	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.
40	47	191	57	202	66	213	78	222	91	230	103	240	118	250	134	256	152	262	—	—
50	50	205	64	215	74	225	87	235	100	245	115	256	130	265	150	273	165	280	204	300
60	55	215	69	227	81	240	96	250	110	260	126	270	143	280	164	288	182	295	224	316
70	60	225	75	238	88	250	103	263	120	275	136	283	155	295	177	302	197	310	243	338
80	64	235	79	248	94	260	110	273	128	285	146	295	165	305	189	314	210	325	258	354
90	68	245	83	258	100	270	117	283	135	295	155	306	175	315	201	326	223	335	274	362
100	72	255	87	268	106	280	123	293	143	305	163	316	185	325	212	336	235	345	289	372
110	76	265	92	278	111	290	129	303	150	315	171	324	195	335	222	344	247	355	304	380

## 150 TAPER BORE NOZZLE — 24° TRAJECTORY

PSI	0.7"		0.8"		0.9"		1.0"		1.1"		1.2"		1.3"		1.4"	
	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.
50	100	250	130	270	165	290	205	310	255	330	300	345	350	360	408	373
60	110	265	143	285	182	305	225	325	275	345	330	365	385	380	446	396
70	120	280	155	300	197	320	245	340	295	360	355	380	415	395	483	412
80	128	290	165	310	210	335	260	355	315	375	380	395	445	410	516	427
90	135	300	175	320	223	345	275	365	335	390	405	410	475	425	547	442
100	143	310	185	330	235	355	290	375	355	400	425	420	500	440	577	458
110	150	320	195	340	247	365	305	385	370	410	445	430	525	450	605	471
120	157	330	204	350	258	375	320	395	385	420	465	440	545	460	632	481

## 200 TAPER BORE NOZZLE — 27° TRAJECTORY

PSI	1.05"		1.1"		1.2"		1.3"		1.4"		1.5"		1.6"		1.75"		1.9"	
	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.	GPM	DIAM. FT.
60	250	345	285	355	330	375	385	390	445	410	515	430	585	445	695	470	825	495
70	270	360	310	380	355	395	415	410	480	430	555	450	630	465	755	495	890	515
80	290	375	330	395	380	410	445	430	515	450	590	470	675	485	805	515	950	535
90	310	390	350	410	405	425	475	445	545	465	625	485	715	505	855	535	1005	555
100	325	400	370	420	425	440	500	460	575	480	660	500	755	520	900	550	1060	575
110	340	410	390	430	445	450	525	470	605	495	695	515	790	535	945	565	1110	590
120	355	420	405	440	465	460	545	480	630	505	725	530	825	550	985	580	1160	605
130	370	425	425	445	485	465	565	485	655	515	755	540	860	560	1025	590	1210	620





# BIG GUN® PERFORMANCE (METRIC)

Flow and diameter (meters) information at various pressures with different nozzle sizes. (See information at bottom of page.)

## 75 TAPER RING NOZZLE TR75 — 24° TRAJECTORY

Kg/cm <sup>2</sup>	10.2 mm			11.4 mm			12.7 mm			14.0 mm			15.2 mm			16.5 mm			17.8 mm			19.1 mm			20.3 mm			
	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	
1.75*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2.00*	—	—	—	—	—	—	2.33	8.4	48	2.82	10.2	48	3.39	12.2	51	3.98	14.3	52	4.59	16.5	56	5.25	18.9	58	5.97	21.5	59	
2.50	—	—	—	2.11	7.6	47	2.61	9.4	50	3.16	11.4	53	3.79	13.6	55	4.45	16.0	58	5.14	18.5	60	5.87	21.1	62	6.68	24.0	64	
3.00	1.83	6.6	47	2.32	8.3	50	2.86	10.3	53	3.46	12.4	57	4.15	14.9	59	4.88	17.6	61	5.63	20.3	63	6.43	23.1	66	7.32	26.3	69	
3.50	1.98	7.1	49	2.50	9.0	52	3.09	11.1	57	3.74	13.4	60	4.48	16.1	62	5.27	19.0	64	6.08	21.9	67	6.95	25.0	70	7.90	28.4	73	
4.00	2.11	7.6	50	2.67	9.6	54	3.30	11.9	59	3.99	14.4	62	4.79	17.2	65	5.63	20.3	67	6.50	23.4	71	7.43	26.7	73	8.45	30.4	76	
4.50	2.24	8.1	52	2.84	10.2	57	3.50	12.6	62	4.24	15.2	66	5.08	18.3	68	5.97	21.5	71	6.89	24.8	75	7.88	28.4	78	8.96	32.3	80	
5.00	2.36	8.5	53	2.99	10.8	60	3.69	13.3	64	4.46	16.1	68	5.35	19.3	70	6.30	22.7	74	7.26	26.1	78	8.30	29.9	80	9.45	34.0	84	
5.50	2.48	8.9	55	3.13	11.3	62	3.87	13.9	66	4.68	16.9	70	5.61	20.2	73	6.60	23.8	77	7.62	27.4	81	8.71	31.3	83	9.90	35.7	86	
6.00	2.59	9.3	56	3.27	11.8	63	4.04	14.6	68	4.89	17.6	72	5.86	21.1	74	6.90	24.8	79	7.96	28.6	84	9.09	32.7	85	10.3	37.2	87	

\*Operating at pressures above 2 Kg/cm<sup>2</sup> provides better performance.

## 100 TAPER BORE NOZZLE — 24° TRAJECTORY

Kg/cm <sup>2</sup>	12.7 mm			14.0 mm			15.2 mm			16.5 mm			17.8 mm			19.1 mm			20.3 mm			21.6 mm			22.9 mm			25.4 mm		
	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M			
3.0	3.00	10.8	59.5	3.73	13.4	62.6	4.33	15.6	66.1	5.09	18.3	66.8	5.84	21.0	71.4	6.71	24.1	74.5	7.64	27.5	77.5	8.74	31.5	79.5	9.67	34.8	81.4	11.9	42.8	88.1
4.0	3.40	12.2	64.3	4.25	15.3	67.8	5.00	18.0	71.8	5.86	21.1	74.8	6.82	24.6	77.8	7.73	27.8	81.0	8.66	31.2	82.8	10.1	36.2	86.4	11.2	40.4	88.6	13.8	49.5	94.8
5.0	3.79	13.6	69.0	4.72	17.0	72.7	5.59	20.1	76.4	6.56	23.6	80.2	7.62	27.5	84.4	8.66	31.2	86.7	9.91	34.9	90.4	11.3	40.5	92.5	12.5	45.2	94.7	15.5	55.6	103
6.0	4.17	15.0	73.4	5.14	18.5	77.3	6.12	22.1	80.7	7.19	25.9	85.0	8.35	30.1	88.7	9.51	34.3	91.8	10.9	38.2	94.7	12.4	44.5	97.7	13.7	49.5	101	16.8	60.5	109
7.0	4.53	16.3	77.6	5.52	19.9	81.6	6.61	23.8	85.0	7.75	27.9	89.3	9.02	32.5	93.0	10.3	37.0	96.1	11.7	41.3	99.0	13.3	48.0	102.2	14.8	53.5	105	18.2	65.5	113
8.0	4.89	17.6	81.7	5.84	21.0	85.7	7.07	25.5	89.3	8.25	29.7	93.1	9.64	34.8	97.3	11.0	39.4	99.7	12.5	44.1	103	14.2	51.2	105.8	15.9	57.2	109	19.5	70.2	116

## 150 TAPER BORE NOZZLE — 24° TRAJECTORY

Kg/cm <sup>2</sup>	17.8 mm			20.3 mm			22.9 mm			25.4 mm			27.9 mm			30.5 mm			33.0 mm			35.6 mm								
	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M			
3.5	6.39	23.0	76.0	8.29	29.8	82.0	10.5	37.8	88.0	13.0	46.9	95.0	15.9	57.1	101	19.0	68.3	105	22.3	80.1	110	25.8	92.9	114	27.4	98.6	118	30.8	111	126
4.0	6.83	24.6	79.6	8.86	31.9	85.6	11.2	40.4	91.6	13.9	50.1	97.8	16.9	61.0	104	20.3	73.0	109	23.8	85.7	114	27.4	98.6	118	30.8	111	126	33.6	121	133
5.0	7.63	27.5	85.4	9.91	35.7	91.6	12.6	45.2	98.6	15.6	56.0	105	18.9	68.2	111	22.7	81.7	117	26.6	95.8	121	30.8	111	126	33.6	121	133	36.4	131	139
6.0	8.36	30.1	89.7	10.9	39.1	96.7	13.8	49.5	104	17.0	61.3	110	20.8	74.7	117	24.9	89.5	123	29.1	105	128	33.6	121	133	36.4	131	139	38.9	140	145
7.0	9.03	32.5	95.0	11.7	42.2	101	14.9	53.5	108	18.4	66.3	114	22.4	80.7	122	26.8	96.6	128	31.5	113	134	36.4	131	139	38.9	140	145	41.1	148	149
8.0	9.66	34.8	99.3	12.5	45.1	105	15.9	57.2	112	19.7	70.8	118	24.0	86.3	126	28.7	103	132	33.7	121	138	38.9	140	145	41.1	148	149	43.7	156	158
9.0	10.2	36.9	104	13.3	47.9	110	16.8	60.6	117	20.9	75.1	123	25.4	91.5	131	30.4	110	137	35.7	129	143	41.1	148	149	43.7	156	158	46.3	164	166

## 200 TAPER BORE NOZZLE — 27° TRAJECTORY

Kg/cm <sup>2</sup>	26.7 mm			27.9 mm			30.5 mm			33.0 mm			35.6 mm			38.1 mm			40.6 mm			44.5 mm			48.3 mm					
	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M	L/S	M <sup>3</sup> /H	DIAM. M			
4.0	15.5	55.7	104	17.8	63.9	106	20.3	73.1	112	23.8	85.8	117	27.5	98.9	123	32.2	116	129	36.1	130	134	42.9	154	141	50.7	183	149	56.7	204	158
5.0	17.3	62.3	111	19.9	71.5	117	22.7	81.7	121	26.7	96.0	126	30.7	111	132	36.0	130	138	40.3	145	143	48.0	173	152	56.7	204	158	62.1	224	164
6.0	19.0	68.2	115	21.8	78.3	121	24.9	89.5	126	29.2	105	132	33.7	121	138	39.4	142	144	44.2	159	149	52.6	189	158	62.1	224	164	67.1	241	175
7.0	20.5	73.7	122	23.5	84.6	128	26.9	96.7	134	31.5	114	140	36.3	131	146	42.6	153	152	47.7	172	159	56.8	204	168	67.1	241	175	71.7	258	182
8.0	21.9	78.8	126	25.1	90.4	132	28.7	103	138	33.7	121	144	38.9	140	152	45.5	164	159	51.0	184	165	60.7	218	174	71.7	258	182	76.0	274	188
9.0	23.2	83.6	130	26.6	95.9	136	30.4	110	142	35.8	129	148	41.2	148	157	48.3	174	164	54.1	195	170	64.4	232	180	76.0	274	188	80.8	290	194

Diameters are based on a 24° trajectory for the 75, 100 and 150 Series and a 27° trajectory for the 200 Series. The lower trajectory angles result in better wind fighting ability, but reduced throw distances. Throw reduction depends upon nozzle flow rate. In general, the throw distance is reduced approximately 3% with each 3° drop in trajectory angle. Use of the wedge insert to modify trajectory will affect distance. Big Gun® performance data has been obtained under ideal test conditions and may be adversely affected by wind, poor hydraulic entrance conditions or other factors. Test riser height of 3 feet (0.91 meters) above measurement surface. No representation regarding droplet condition, uniformity, application rate, or suitability for a particular application is made herein.

Additional nozzle options and sizes available. Go to [www.nelsonirrigation.com](http://www.nelsonirrigation.com) or contact the factory for nozzle performance.

**TAPER BORE NOZZLE.** Most common nozzle type. Used where the available water flow and pressure are consistent. A nozzle size must be specified when ordering a Big Gun with a Taper Bore Nozzle. *The Nozzle Valve End Gun requires a Taper Bore Nozzle.*

**RING NOZZLE SET.** The Ring Nozzle Set is an easy and economic way of changing nozzles to match the available water flow and pressure. These are commonly used where the available water flow and pressure are variable and or when the Big Gun is shifted between various water sources with different capacities. The abrupt orifice of the nozzle is less efficient so the radius of throw is less than that achieved with an equivalent diameter Taper Bore nozzle. The abrupt orifice of the Ring Nozzle does break the stream of water up more, which can be an advantage in low pressure applications. The Ring Nozzle comes with a set of rings. *The Ring Nozzle should not be used with the Nozzle Valve End Gun.*

**TAPER RING NOZZLE.** This nozzle combines the changeability of a Ring Nozzle with some of the efficiency of a Taper Bore Nozzle. When ordering the Taper Ring Nozzle, specify the size as only one Taper Ring comes with the nozzle body and cap. Additional taper ring sizes can be purchased. *The Taper Ring Nozzle should not be used with the Nozzle Valve End Gun.*



**THE BEST PRODUCT SUPPORT IN THE INDUSTRY.**

Nelson is proud of its reputation for quality and integrity. We work hard to make our products the best, and we stand behind them with a one-year warranty.

Nelson Irrigation Corporation's worldwide network of professional dealers provides customized water application solutions.



Nelson Irrigation Corporation 848 Airport Rd., Walla Walla, WA 99362 USA  
Tel: 509.525.7660 Fax: 509.525.7907 info@nelsonirrigation.com

Nelson Irrigation Corporation of Australia 35 Sudbury Street, Darra QLD 4074  
Tel: +61 7 3715 8555 Fax: +61 7 3715 8666 info@nelsonirrigation.com.au

**WARRANTY AND DISCLAIMER:** Nelson Big Gun® Sprinklers are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein.

This product may be covered by one or more of the following U.S. Patent Nos. D297,453, 3,559,887, 3,744,720, 4,193,548, 4,669,663 and other U.S. Patents pending or corresponding issued or pending foreign patents.

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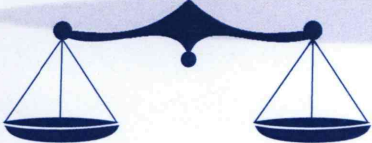
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Gordon B. Stull  
John D. Beverlin II  
Josh V. C. Nicolay  
Julie M. Haas

1320 E. First, Pratt, KS 67124  
101 S. Main, STE 205, Greensburg, KS 67054  
620-672-9446 FAX: 620-672-3228  
www.stull-law.com lawoffice@stull-law.com

August 25, 2016

Kansas Department of Agriculture  
Division of Water Resources  
c/o Chief Engineer David Barfield  
1320 Research Park Drive  
Manhattan, KS 66502

Re: Water appropriation application – J.S. Broussard Farms, LLC

Dear Mr. Barfield,

I am the attorney for J.S. Broussard Farms, LLC and have assisted in completing the enclosed application for permit to appropriate water in Comanche County, Kansas. Enclosed with this application is the required aerial map with attached legend, an irrigation use supplement sheet and the \$200.00 application fee.

I have also included a Form WWC-5 from an unpermitted well that was recently drilled in the vicinity of requested point of diversion. Broussard Farms, LLC drilled this well in March 2016, but has not used the well since receiving notice from the Division of Water Resources to cease unpermitted operations. The enclosed application seeks a permit for a new well located roughly 1500 feet west of the unpermitted well. Broussard Farms, LLC has not drilled any test holes for the new location and thus does not have specific information for Paragraph 13 of the application. However, given the proximity of the new proposed well to the unpermitted well, my hope is that the WWC-5 will have sufficient information for the Division of Water Resources to perform its analysis.

Should you have any questions on this application or need any additional information, please do not hesitate to contact my office. I look forward to hearing from you in the future.

Very truly yours,

Josh V.C. Nicolay

/jvcn

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COPY

Entered in transfer record this  
7 day of May, 2012  
*Alice Smith*  
Comanche County Clerk

20120754  
STATE OF KANSAS, COMANCHE COUNTY  
This instrument was filed for Record on  
5/7/2012 at 1:55 PM and duly recorded  
Book 59 Page 909 Fees \$16.00  
Guyneth Snyder, Register of Deeds<sub>gs</sub>

**WARRANTY DEED**  
Kansas Statutory Form

GRANTOR/SELLER: Kansas TEC Holdings LLC, a Louisiana limited liability company

CONVEY AND WARRANT TO:

GRANTEE/BUYER: J. S. Broussard Farms, LLC

All the following described Real Estate in the County of Comanche and the State of  
Kansas, to-wit:

SURFACE AND SURFACE INTEREST ONLY IN AND TO THE FOLLOWING  
DESCRIBED PROPERTY:

Southeast Quarter (SE/4) of Section One (1), Township Thirty-two (32) South, Range Nineteen  
(19) West of the 6th P.M., Comanche County, Kansas, EXCEPT a tract in said SE/4 1-32-19  
described as follows: Beginning at a point 44.0 feet West of the Southeast corner of Section 1,  
Township 32 South, Range 19 West on the West right-of-way line of U.S. Highway 183, thence  
North along said right-of-way 350.0 feet, thence West 250.0 feet, thence South 350.0 feet, thence  
East 250.0 feet to point of beginning;

Southwest Quarter (SW/4) of Section One (1), Township Thirty-two (32) South, Range Nineteen  
(19) West of the 6th P.M., Comanche County, Kansas;

Lots One (1), Two (2), Three (3) and Four (4) and the South Half of the North Half (S/2 N/2)  
also described as the North Half (N/2) of Section Two (2), Township Thirty-two (32) South,  
Range Nineteen (19) West of the 6th P.M., Comanche County, Kansas;

Southeast Quarter (SE/4) of Section Two (2), Township Thirty-two (32) South, Range Nineteen  
(19) West of the 6th P.M., Comanche County, Kansas;

Northeast Quarter (NE/4) of Section Eleven (11), Township Thirty-two (32) South, Range  
Nineteen (19) West of the 6th P.M., Comanche County, Kansas;

Northwest Quarter (NW/4) of Section Twelve (12), Township Thirty-two (32) South, Range  
Nineteen (19) West of the 6th P.M., Comanche County, Kansas;

The West Half (W/2) of Block One (1) and All of Blocks Two (2), Three (3), Four (4) and Five  
(5) and Lots Thirteen (13) through Twenty-four (24), inclusive in Block Eight (8), and All of  
Blocks Nine (9), and Ten (10) all in Cades Addition to the City of Coldwater, Comanche  
County, Kansas;

Pursuant to K.S.A. 79-1437e(a)  
A real estate validation questionnaire is  
not required due to exemption # 3

Page 1 of 3

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Northeast Quarter (NE/4) of Section Twelve (12), Township Thirty-two (32) South, Range Nineteen (19) West of the 6th P.M., Comanche County, Kansas LESS Cade's Addition to the City of Coldwater, Kansas, and EXCEPT the following described 4 tracts:

A Part of the NE/4 12-32-19 described as follows: Beginning at a point on a line with the south side and a distance of 66.8 feet West of the Southwest corner of Block 10 in Cade's First Addition to the City of Coldwater, Kansas, at a concrete monument; thence North parallel to the West line of said Block 10 a distance of 150 feet to a concrete monument; thence West at right angles with the West line of said Block 10 a distance of 118.5 feet to a concrete monument; thence South parallel to said West line of said Block 10 a distance of 150 feet to a concrete monument; thence East a distance of 118.5 feet to the point of beginning;

A tract of land in the NE/4 12-32-19 described as follows: Beginning at a point on the South line of said NE/4 of Section 12 at the Southeast corner of the Coldwater City Power House site, and running North along the East side of said power house site 150 feet, thence East at right angles 50 feet, thence South at right angles 150 feet to the South line of said NE/4 of Section 12; thence West along the South side of said NE/4 of Section 12 for 50 feet to the place of beginning;

A tract of land out of the W/2 of the NE/4 of Section 12-32-19 described as follows: Commencing at a point 1302.5 feet East and 72.50 feet North of the Southwest corner of the said W/2 NE/4; thence Northerly 50 feet; thence West with an inside angle of 90°22' a distance of 50 feet; thence South with an inside angle 89°38' a distance of 50 feet; thence East with an inside angle of 90°22' a distance of 50 feet to the point of beginning;

A part of the E/2 of the NE/4 of Section 12-32-19 described as follows: Beginning at the northeast corner of Cade's First Addition to the City of Coldwater; thence West along the North line of said Cade's First Addition to the West line of the East half of the Northeast Quarter of the Northeast Quarter (E/2 NE/4 NE/4) of Section 12; thence North along said West line to the North line of said Section 12; thence East to the East line of said Section 12; thence South to the place of beginning.

For the sum of: Ten Dollars and Other Valuable Consideration

EXCEPT AND SUBJECT TO: Easements, rights of way, oil and gas leases, mineral reservations and restrictions of record, if any.

Dated this 1st day of May, 2012.

Kansas TEC Holdings LLC  
By Title Exchange Company LLC  
Its sole member

By: *Sandra B. McMorris*  
Sandra B. McMorris, Authorized Agent

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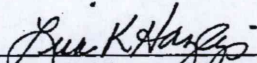
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State of Louisiana, <sup>Parish</sup>~~County~~ of East Baton Rouge

BE IT REMEMBERED, That on this 1st day of May, 2012, before me the undersigned, a Notary Public in and for the County and State aforesaid, came Sandra B. McMorris, authorized agent for Title Exchange Company LLC sole member of Kansas TEC Holdings LLC, who is personally known to me to be the same person who executed the foregoing deed, and duly acknowledged the execution of the same.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last above written.

  
Notary Public **LISA K. HAZLIP**  
NOTARY ID NO. 8996

My appt. expires: At Death

Page 3 of 3

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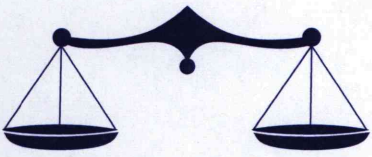
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Josh V. C. Nicolay  
Julie M. Haas

1320 E. First, Pratt, KS 67124  
101 S. Main, STE 205, Greensburg, KS 67054  
620-672-9446 FAX: 620-672-3228  
www.stull-law.com lawoffice@stull-law.com

September 23, 2016

Kansas Department of Agriculture  
Division of Water Resources  
c/o Chief Engineer David Barfield  
1320 Research Park Drive  
Manhattan, KS 66502

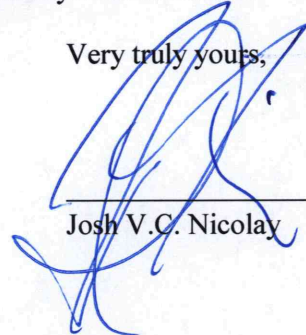
Re: Water appropriation application – J.S. Broussard Farms, LLC

Dear Mr. Barfield,

Enclosed is the application of J.S. Broussard Farms, LLC for re-filing with the original signature page, along with a WWC-5 for a P/A domestic well that was drilled within 300 of the proposed well application.

Should you have any questions on this application or need any additional information, please do not hesitate to contact my office. I look forward to hearing from you in the future.

Very truly yours,

  
\_\_\_\_\_  
Josh V.C. Nicolay

/jvcn

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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

September 30, 2016

STEVE BROUSSARD  
1301 COMMON ST  
LAKE CHARLES LA 70601

**FILE COPY**

RE: Application  
File No. 49712

Dear Sir or Madam:

Your application for permit to appropriate water in 11-32S-19W in Comanche 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,

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

BAT: dlw  
pc: STAFFORD Field Office  
GMD

**SCANNED**