

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

Water Resources
Received

SEP 09 2020

11:51

KS Dept Of Agriculture

KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES
Chris Beightel, Acting Chief Engineer

50442

File Number _____
This item to be completed by Division of Water Resources

**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:
Mr. Marc Henry
875 6th Road
Longford, Kansas 67458
785-388-2592

2. The source of water is: surface water in _____
(stream)

OR groundwater in the **Smoky Hill** 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 60.78 acre feet OR 19,803,440 gallons per calendar year, to be diverted at a maximum rate of 99 gallons per minute OR _____ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity under than 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) Stock watering (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>1</u>	GMD	Meets K.A.R. 5-3-1 (Yes/No)	Use	STK	Source <input type="checkbox"/> S County	CY	By	BMM	Date	9/9/20
Code	REG	Fee \$	200	TR#		Receipt Date	9/9/2020	Check #	1091		

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) WELL #1
One well in the SE quarter of the NW quarter of the NE quarter of Section 4, more particularly described as being near a point 4530 feet North and 1421 feet West of the Southeast corner of said section, in Township 10 South, Range 2 (East/West) of Clay County, Kansas.
- (B) WELL #2
One well in the SE quarter of the NW quarter of the NE quarter of Section 4, more particularly described as being near a point 4198 feet North and 1443 feet West of the Southeast corner of said section, in Township 10 South, Range 2 (East/West) of Clay County, Kansas.
- (C) WELL #3
One well in the SE quarter of the NW quarter of the NE quarter of Section 4, more particularly described as being near a point 4330 feet North and 1845 feet West of the Southeast corner of said section, in Township 10 South, Range 2 (East/West) of Clay 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 (4) 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 (2) or more wells connected to a common pump by a manifold, or not more than four (4) 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. **NOTE: These are all low yield wells and will not affect the two (2) separate battery groups.**

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

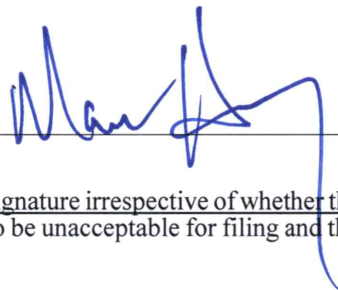
Applicant is the Owner

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 as 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 August 28, 2020

Applicant's Signature



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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 Three (3) Wells (number of wells, pumps or dams, etc.) and was completed on April 21, 2020.

8. The first actual application of water for the proposed beneficial use will be September, 2020.

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

- Yes
- No

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 application for a permit for construction of this dam and reservoir with the Division of Water Resources?

Resources?

Yes No N/A

- 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 USGS topographic map, aerial photograph or a detailed plan 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:

- 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 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of the section.
- If the application is for groundwater, please show the location of any existing water wells of any kind within one-half (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 one-half (1/2) mile, please advise us.
- If the application is for surface water, the names and addresses of the landowner(s) one-half (1/2) mile downstream and one-half (1/2) mile upstream from your property lines must be shown.
- The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- 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 minutes USGS 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.

NONE

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 #	(A)	(B)	(C)
Date Drilled	4/20/2020	4/21/2020	4/21/2020
Total Depth of Well	118 Feet	90 Feet	98 Feet
Depth to Water Bearing Formation	53 Feet	56 Feet	58 Feet
Depth to Static Water Level	45 Feet	44 Feet	53 Feet
Depth to Bottom of Pump Intake Pipe	114 Feet	86 Feet	94 Feet

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

Owner Tenant Agent Other _____

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

Applicant is the Owner.

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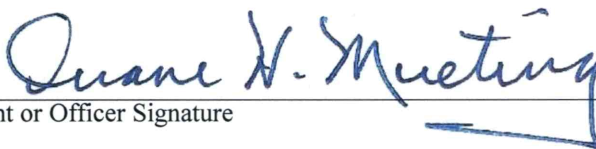
SEP 09 2020

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 Seneca, Kansas, this 28th day of August, 2020



Applicant Signature

By 

Agent or Officer Signature

Duane H. Mueting, P.E., P.L.S., Agent

Agent or Officer (Please Print)

Assisted By:

Duane H. Mueting, P.E., P.L.S.
Mueting Engineering
612 Community Drive
Seneca, Kansas 66538
785-334-6044 / 785-336-1390 (Cell)
mueting-eng@rainbowtel.net

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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 #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 paragraph #1 or paragraph #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 the 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.

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MARC HENRY

**WATER WELL PROXIMITY MAP
(WWC5)**

Section 4, Township 10 South, Range 2 East
Clay County, Kansas

GREEN DOTS — Denotes existing domestic wells within one-half (1/2) mile which are owned by the applicant.



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**STOCK WATER USE
SUPPLEMENTAL SHEET**

File # _____

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Name of Applicant (please print):
Mr. Marc Henry
875 6th Road
Longford, Kansas 67458

- Please indicate the type of livestock (cattle, hogs, etc.)
Hogs
- Please complete the following table showing past and present water requirements:

PAST NUMBER OF HEAD AND WATER DIVERTED, IF APPLICABLE

LAST 5 YEARS	NUMBER OF HEAD	WATER DIVERTED (Gallons)	GALLONS PER HEAD PER DAY
5 Years Ago			
Last Year			
Present Year			

- Please complete the following table showing estimated future water requirements.

ESTIMATED FUTURE NUMBER OF HEAD AND WATER DIVERTED

NEXT 5 YEARS	NUMBER OF HEAD	WATER DIVERTED (Gallons)	GALLONS PER HEAD PER DAY
Year 1	6196	19,803,440	8.76 Gallons Drinking, Cooling & Sanitation
Year 2	6196	19,803,440	8.76 Gallons Drinking, Cooling & Sanitation
Year 3	6196	19,803,440	8.76 Gallons Drinking, Cooling & Sanitation
Year 4	6196	19,803,440	8.76 Gallons Drinking, Cooling & Sanitation
Year 5	6196	19,803,440	8.76 Gallons Drinking, Cooling & Sanitation

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

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

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4	10	2E	Swine Facility Stockwatering - In the Northwest One-Quarter of the Northeast One-Quarter of Section 4																

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

Drinking Water

768 Head of Sows & Litters x 8 gallons / head (avg) x 365 days/year = 2,242,560 Gallons
3,408 Head of Gestation Sows x 6 gallon / head (avg) x 365 days/year = 7,463,520 Gallons
1,508 Head of Finish Gilts x 5 gallon / head (avg) x 365 days/year = 2,752,100 Gallons
512 Head of Nursery Pigs x 1 gallon / head (avg) x 365 days/year = 186,880 Gallons

Servicing / Flushing / Cooling / Sanitation

768 Head of Sows & Litters x 5 gallons / head (avg) x 365 days/year = 1,401,600 Gallons
3,408 Head of Gestation Sows x 3 gallon / head (avg) x 365 days/year = 3,731,760 Gallons
1,508 Head of Finish Gilts x 3 gallon / head (avg) x 365 days/year = 1,651,260 Gallons
512 Head of Nursery Pigs x 2 gallon / head (avg) x 365 days/year = 373,760 Gallons

TOTAL

19,803,440 Gallons - 60.78 Acre-Feet

6. Show location of present and future location of confinement pens on your attached maps or photographs.
7. Total feed bunk space for cattle or livestock is N/A linear feet.
8. Total size of stock pens for confinement area of cattle, hogs, etc is six (6) confinement buildings — two (2) gestation buildings each with dimensions of 121'-10" x 381'-0"; two (2) farrowing buildings each with dimensions of 163'-0" x 202'-6"; one (1) gilt development building with dimensions of 31'-2" x 73'-6" and one (1) loadout building with dimensions of 41'-2" x 82'-4".

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

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WATER WELL RECORD Form WWC-5

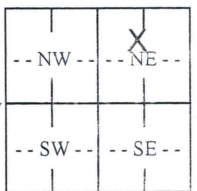
Division of Water Resources App. No.

Well ID No. 1

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: <u>Clay</u>	Fraction <u>NE 1/4 SE 1/4 NW 1/4 NE 1/4</u>	Section Number <u>4</u>	Township Number <u>T 10 S</u>	Range Number <u>R 2 E</u> <input type="checkbox"/> W
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2 WELL OWNER: Last Name: <u>Henry</u> First: <u>Marc</u> Business: <u>Henry's LLC</u> Address: <u>875 6th Rd</u> Address: City: <u>Longford</u> State: <u>KS</u> ZIP: <u>67458</u>	Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> <u>970 6th Rd Longford</u>
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3 LOCATE WELL WITH "X" IN SECTION BOX: <div style="text-align: center;">  </div>	4 DEPTH OF COMPLETED WELL: <u>118</u> ft. Depth(s) Groundwater Encountered: 1) <u>53</u> ft. 2) <u>78</u> ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <u>45</u> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <u>04/20/2020</u> <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: <u>25</u> gpm Bore Hole Diameter: <u>10</u> in. to <u>118</u> ft. and in. to ft.	5 Latitude: <u>39.218267</u> (decimal degrees) Longitude: <u>97.208985</u> (decimal degrees) Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
		6 Elevation: <u>1300</u> ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other <u>KOLAR</u>

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input checked="" type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
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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 6 in. to 118 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in. Weight lbs./ft. Wall thickness or gauge No. SDR26
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 Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From 56 ft. to 96 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 23 ft. to 118 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 0 ft. to 23 ft., From ft. to ft., From ft. to ft.
Nearest source of possible contamination: No potential source of contamination within 200 ft.
 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? W Distance from well? 200 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	15	Clay, brown			<div style="color: blue; font-weight: bold; font-size: 1.2em;">Water Resources Received</div> <div style="color: red; font-weight: bold; font-size: 1.2em;">SEP 09 2020</div> <div style="color: blue; font-weight: bold; font-size: 1.2em;">KS Dept Of Agriculture</div>
15	30	Shale, tan			
30	34	Shale, gray			
34	38	Weathered Limestone			
38	53	Shale, tan			
53	64	Weathered Limestone			
64	118	Shale, gray & weathered layers			Notes:

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) 04/20/2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760 This Water Well Record was completed on (mo-day-year) 04/20/2020 under the business name of Associated Drilling, Inc.

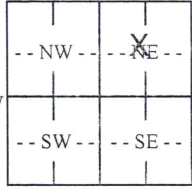
WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. Well ID No. 2

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Clay	Fraction SE ¼ SE ¼ NW ¼ NE ¼	Section Number 4	Township Number T 10 S	Range Number R 2 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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2 WELL OWNER: Last Name: Henry First: Marc Business: Henry's LLC Address: 875 6th Rd Address: City: Longford State: KS ZIP: 67458	Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> 970 6th Rd Longford
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 90 ft. Depth(s) Groundwater Encountered: 1) 56 ft. 2) 81 ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 44 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 04/21/2020 <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: 40 gpm Bore Hole Diameter: 10 in. to 90 ft. and in. to ft.	5 Latitude: 39.217369 (decimal degrees) Longitude: 97.208974 (decimal degrees) Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: 6 Elevation: 1298 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other KOLAR
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7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input checked="" type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
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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 6 in. to 90 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in. Weight lbs./ft. Wall thickness or gauge No. SDR26
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 Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From 50 ft. to 90 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 23 ft. to 90 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 0 ft. to 23 ft., From ft. to ft., From ft. to ft.
Nearest source of possible contamination: No potential source of contamination within 200 ft.
 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? NW Distance from well? 600 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	8	Clay, brown			
8	16	Shale, tan weathered			
16	42	Shale, tan, gray			
42	50	Limestone, weathered			
50	90	Shale, tan & weathered			
Notes:					

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) 04/21/2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760 This Water Well Record was completed on (mo-day-year) 04/21/2020 under the business name of Associated Drilling, Inc.

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WATER WELL RECORD Form WWC-5

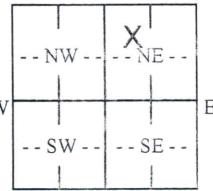
Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID No. 3

1 LOCATION OF WATER WELL: County: Clay	Fraction NW ¼ SE ¼ NW ¼ NE ¼	Section Number 4	Township Number T 10 S	Range Number R 2 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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2 WELL OWNER: Last Name: Henry First: Marc Business: Henry's LLC Address: 875 6th Rd Address: City: Longford State: KS ZIP: 67458	Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> 970 6th Rd Longford
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S ----- 1 mile -----	4 DEPTH OF COMPLETED WELL: 98 ft. Depth(s) Groundwater Encountered: 1) 58 ft. 2) 82 ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 53 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 04/21/2020 <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: 25 gpm Bore Hole Diameter: 10 in. to 98 ft. and in. to ft.	5 Latitude: 39.217727 (decimal degrees) Longitude: 97.210400 (decimal degrees) Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: 6 Elevation: 1304 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other KOLAR
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7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Feedlot <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
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Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted:
 Water well disinfected? Yes No

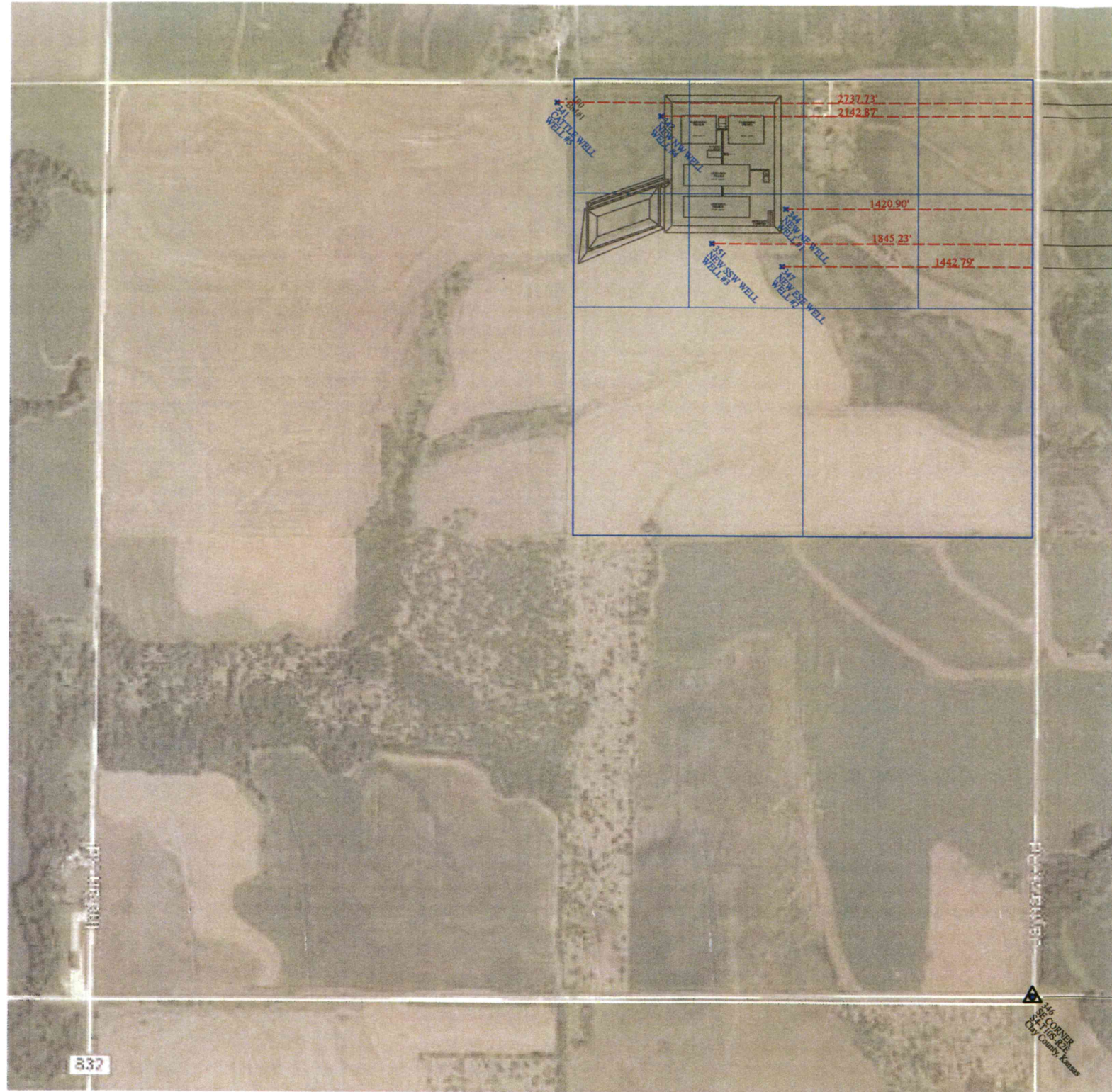
8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 6 in. to 98 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in. Weight lbs./ft. Wall thickness or gauge No. SDR26
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless 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 Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From 58 ft. to 98 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 23 ft. to 98 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 0 ft. to 23 ft., From ft. to ft., From ft. to ft.
Nearest source of possible contamination: No potential source of contamination within 200 ft.
 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? W Distance from well? 300 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	11	Clay, brown			
11	29	shale, tan			
29	38	Shale, tan, gray			
38	46	Limestone, weathered			
46	98	Shale, tan weathered, gray			
Notes:					

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) 04/21/2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760 This Water Well Record was completed on (mo-day-year) 04/21/2020 under the business name of Associated Drilling, Inc.

Water Resources
Received
SEP 09 2020
KS Dept Of Agriculture



SCALE: 1" = 775'

MARC HENRY
Swine Production Facilities

NE¼ of Section 4, Township 2 South, Range 10 East
Clay County, Kansas

WELLS BATTERY GROUP #1 LOCATION Section 4, Township 10 South, Range 2 East Clay County, Kansas				DISTANCE FROM SE CORNER of S4-T10S-R2E Clay County, Kansas		
				NORTH	WEST	
#1 — NE WELL	PT344	SE	NW	NE	4530.54'	1420.90'
#2 — ESE WELL	PT347	SE	NW	NE	4198.52'	1442.79'
#3 — SSW WELL	PT351	SE	NW	NE	4329.60'	1845.23'
WELLS — BATTERY GROUP #2 LOCATION Section 4, Township 10 South, Range 2 East Clay County, Kansas				DISTANCE FROM SE CORNER of S4-T10S-R2E Clay County, Kansas		
#4 — NW WELL	PT348	NW	NW	NE	5066.07'	2142.87'
#5 — CATTLE WELL	PT341	NE	NE	NW	5143.01'	2737.73'

Water Resources
Received

SEP 09 2020

KS Dept Of Agriculture

MUETING
Engineering
& Surveying



Duane H. Mueiting, P.E., P.L.S.
612 Community Drive
Seneca, Kansas 66538
785-334-6044 / 785-336-1361 (Cell)
mueiting-eng@rainbowtel.net



PROJECT
HENRY LAND & CATTLE, LLC
Marc & Kate Henry

NE¼
S4-T10S-R2E
Clay County, Kansas

DRAWING

SWINE
PRODUCTION FACILITIES

Facility Plan Layout
Water Well Location Mapping

NOTICE
The design and specifications contained herein is an instrument of service to the titled project prepared exclusively for titled project.
The unauthorized use of or copying of these documents for any purpose other than originally developed is expressly forbidden except as authorized by the designer/engineer. Any and all liabilities and penalties resulting from such reproduction or misuse shall be the sole responsibility of the perpetrator.

DATE: August 28, 2020 REVISED N/A	PLAN SHEET
SCALE: As Dimensioned	1
DESIGNED BY: DHM	of
DRAWN BY: ALM	1
CHECKED BY: DHM	