

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES
Earl D. Lewis Jr., Chief Engineer

File Number 51329
This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED

OCT 04 2024

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.)

KS DEPT OF AGRICULTURE 2:42 PM

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): Dustin Edwards
Address: 1620 Flatbottom road
City: Ball Ground State GA Zip Code 30107
Telephone Number: (770) 480-5032

2. The source of water is: [] surface water in (stream)
OR [X] groundwater in ARKANSAS RIVER BASIN (drainage basin)

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

3. The maximum quantity of water desired is 50 acre-feet OR gallons per calendar year, to be diverted at a maximum rate of 800 gallons per minute OR cubic feet per second.

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

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

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

For Office Use Only:
F.O. 2 GMD - Meets K.A.R. 5-3-1 (YES/NO) Use REC Source G/S County CL By KJN Date 10/8/24
Code P967 Fee \$ 200 TR # Receipt Date 10/11/2024 Check # 12673

10/7/2024

10/9/2024
KAnderson

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 SW quarter of the SW quarter of the NE quarter of Section 30, more particularly described as being near a point 3,080 feet North and 2,100 feet West of the Southeast corner of said section, in Township 33 South, Range 3 East West (circle one), Cowley County, Kansas.
- (B) One in the SW quarter of the SW quarter of the NE quarter of Section 30, more particularly described as being near a point 3,000 feet North and 2,200 feet West of the Southeast corner of said section, in Township 33 South, Range 3 East West (circle one), Cowley County, Kansas.
- (C) One in the SW quarter of the SW quarter of the NE quarter of Section 30, more particularly described as being near a point 3,300 feet North and 1,800 feet West of the Southeast corner of said section, in Township 33 South, Range 3 East West (circle one), Cowley County, Kansas.
- (D) One in the SW quarter of the SW quarter of the NE quarter of Section 30, more particularly described as being near a point 2,100 feet North and 2,100 feet West of the Southeast corner of said section, in Township 33 South, Range 3 East West (circle one), Cowley 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 October 7th, 2024.

Dustin Edwards
Applicant's Signature

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

7. The proposed project for diversion of water will consist of 4
(number of wells, pumps or dams, etc)
and (was)(will be) completed (by) ASAP
(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 ASAP
(Mo/Day/Year)

10/8/2024
KJN

GEOCENTER:
2870 ft N
2050 ft W
30-33S-3E

- 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 The dikes will not exceed 12" in height

- 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	9-10-24	_____	_____	_____
Total depth of well	31'	_____	_____	_____
Depth to water bearing formation	12'	_____	_____	_____
Depth to static water level	12'	_____	_____	_____
Depth to bottom of pump intake pipe	No Pump installed	_____	_____	_____

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 Maize, Kansas, this 1st day of October, 2024.
(month) (year)

Dustin Edwards
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

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Assisted by _____ (office/title) Date: _____

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RECREATIONAL USE SUPPLEMENTAL SHEET

File No. _____

Name of Applicant (Please Print): Dustin Edwards

1. Please indicate type of recreational use (boating, fishing, swimming, etc.): Duck Hunting

2. Please summarize how the water will be used and justify the quantity of water requested: _____

See enclosed attachment

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

ESTIMATED FUTURE WATER DIVERTED/STORED

NEXT 5 YEARS	WATER TO BE DIVERTED (ACRE-FEET OR GALLONS)
Year 1	50 ac/ft
Year 2	50 ac/ft
Year 3	50 ac/ft
Year 4	50 ac/ft
Year 5	50 ac/ft

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

4. Please designate the legal description of the location where the water is to be used by providing the fractional part of the Section, Township and Range.

NE SW NE 30 33s 3E

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

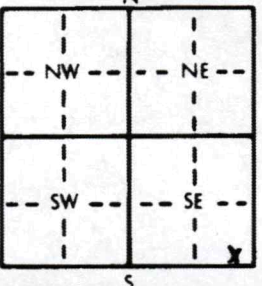
1

LOCATION OF WATER WELL: Fraction **SE 1/4 SE 1/4 SE 1/4** Section Number **19** Township Number **T 33 S** Range Number **R 3 EW**

County: **COWLEY** Distance and direction from nearest town or city street address of well if located within city? **S. Edge of Hackney, Ks.**

WATER WELL OWNER: **KDHE MW #7** Board of Agriculture, Division of Water Resources Application Number: _____

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: DEPTH OF COMPLETED WELL: **42.0** ft. ELEVATION: _____



Depth(s) Groundwater Encountered 1. **19.75** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL **19.75** 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 **6 1/2** in. to **44** 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 Observation well 12 Other (Specify below) **MONITORING**
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No

TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded
 Blank casing diameter **2 3/8** in. to **32** ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface **39** in. weight _____ lbs./ft. Wall thickness or gauge No. **40**

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 **32.0** ft. to **42.0** ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **10** ft. to **42.0** ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **0** ft. to **10** 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) **INDUSTRIAL ACTIVITY**
 13 Insecticide storage

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	DARK BROWN SILTY CLAY			
3	14	RED BROWN SILTY CLAY			
14	22	RED BROWN SANDY CLAY			
22	44	FN BROWN ARGOSIC SAND			
44		OLIVE ARGONACEOUS SHALE			

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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) **6/10/05** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____ This Water Well Record was completed on (mo/day/yr) **7-18-05** by (signature) **Kyle Parker**

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 two copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

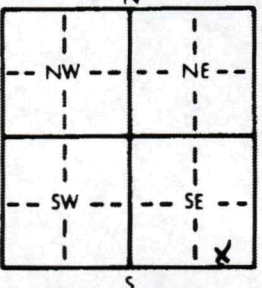
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LOCATION OF WATER WELL: County: **COWLEY** Fraction: **SW 1/4 SE 1/4 SE 1/4** Section Number: **19** Township Number: **T 33 S** Range Number: **R 3 EW**

Distance and direction from nearest town or city street address of well if located within city?
S. Edge of HACKNEY, KS.

WATER WELL OWNER: **KDHE MW # 8**
 Address: _____
 City, State, ZIP Code: _____
 Board of Agriculture, Division of Water Resources
 Application Number: _____

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: **4** DEPTH OF COMPLETED WELL: **41.8** ft. ELEVATION: _____



Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **18.2** 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: **6 1/2** in. to **43.5** ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well
 ⑫ Other (Specify below) **MONITORING**
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No

TYPE OF BLANK CASING USED:
 1 Steel 2 Brass 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 ② PVC 4 ABS 7 Fiberglass 8 Concrete tile 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 casing diameter: **2 3/8** in. to **31.8** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 casing height above land surface: **40** in., weight _____ lbs./ft. Wall thickness or gauge No. **40**

PE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From **31.8** ft. to **41.8** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **10** ft. to **41.8** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From **0** ft. to **10** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) **INDUSTRIAL ACTIVITY**

Section from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	DARK BROWN SILTY CLAY			
3	13	BROWN-RED BROWN SILTY CLAY			
3	20.5	RED BROWN SANDY CLAY			
0.5	43.5	FINE BROWN ARKOSIC SAND			
3.5		OLIVE GREEN SHALE			

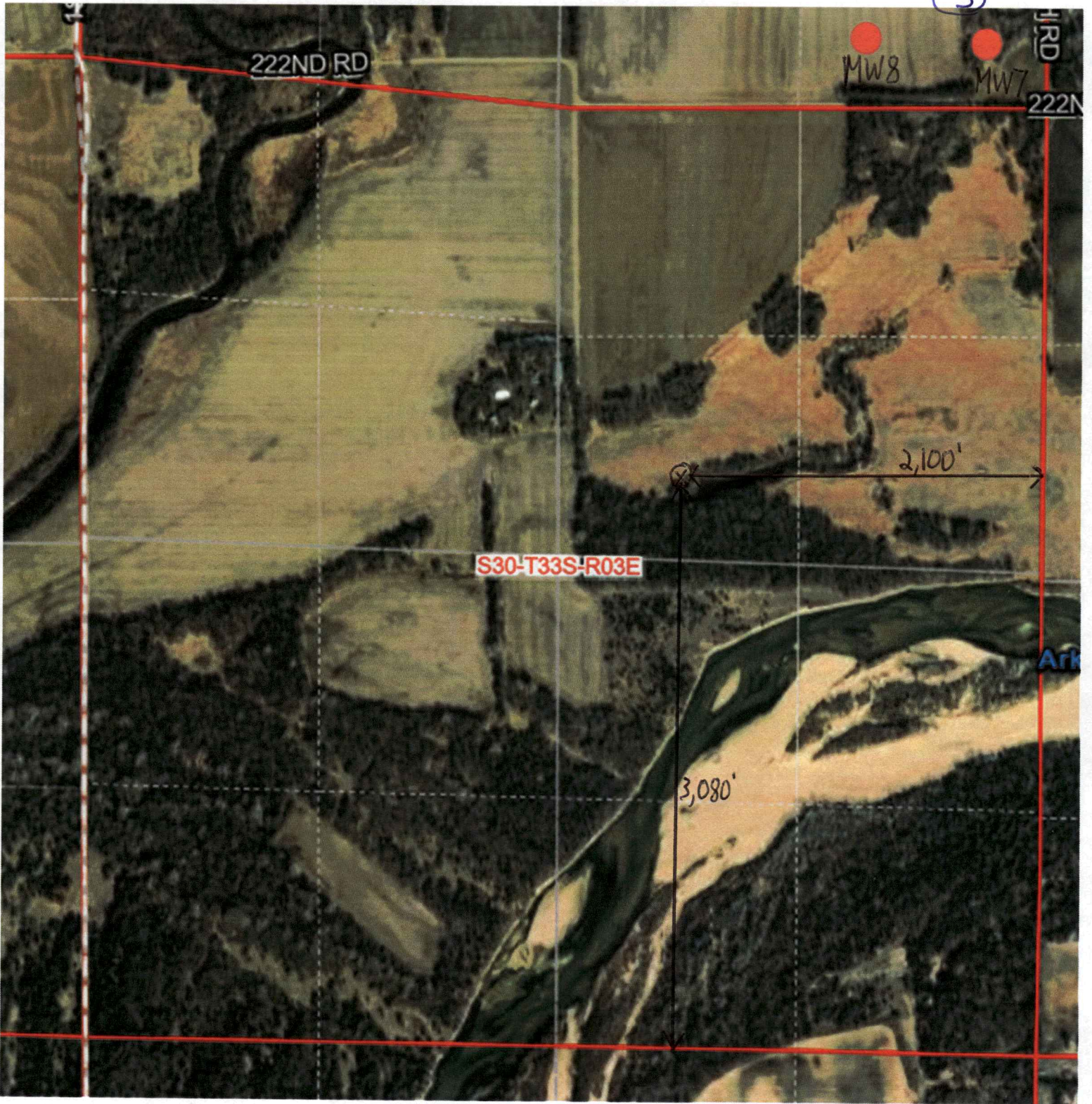
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CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was **(1)** constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **6/20/85** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____ This Water Well Record was completed on (mo/day/yr) **7-18-85**
 For the business name of _____ by (signature) **Kyle Paul**

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 two copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

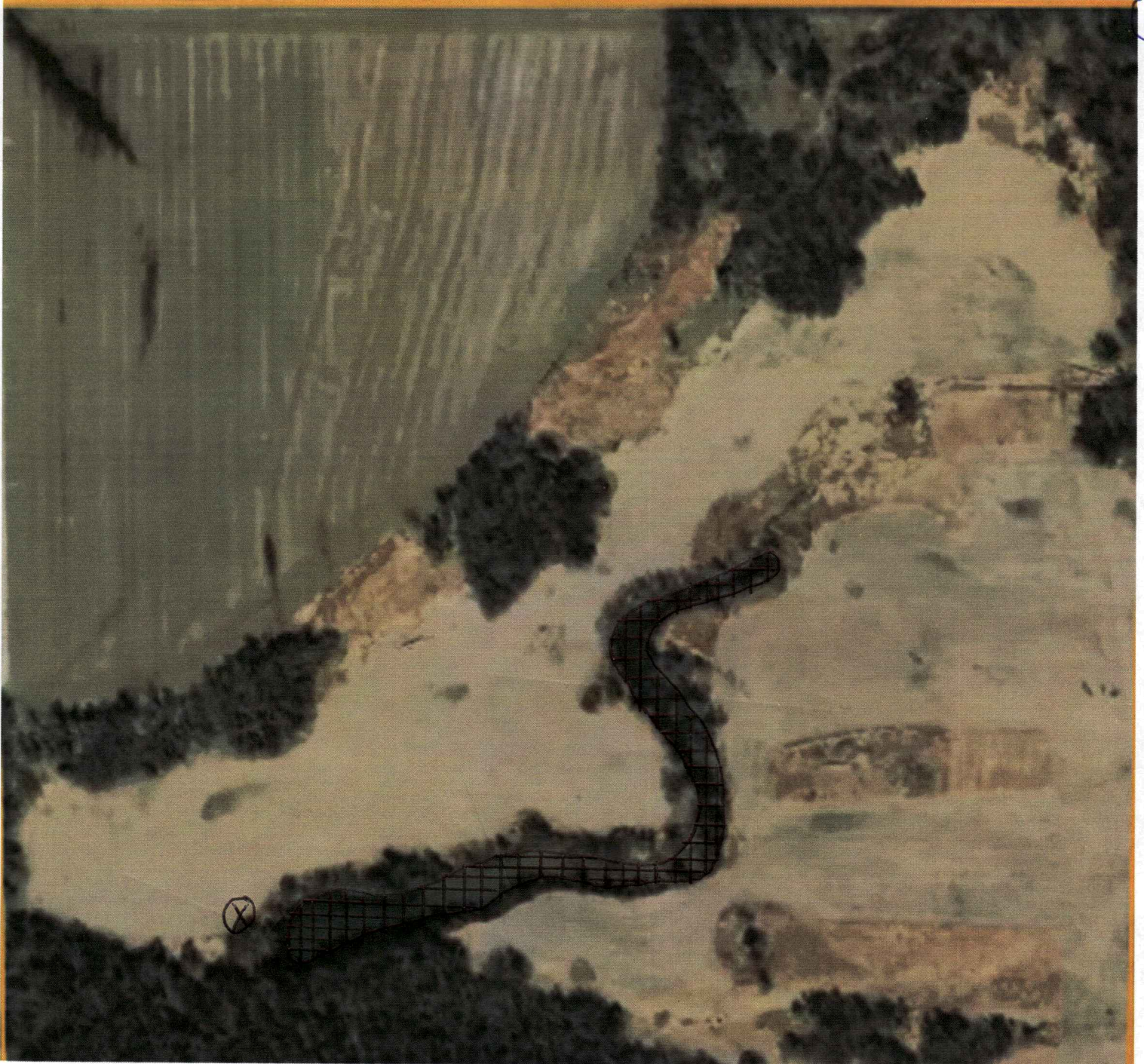


⊗ = Point of diversion/well #1

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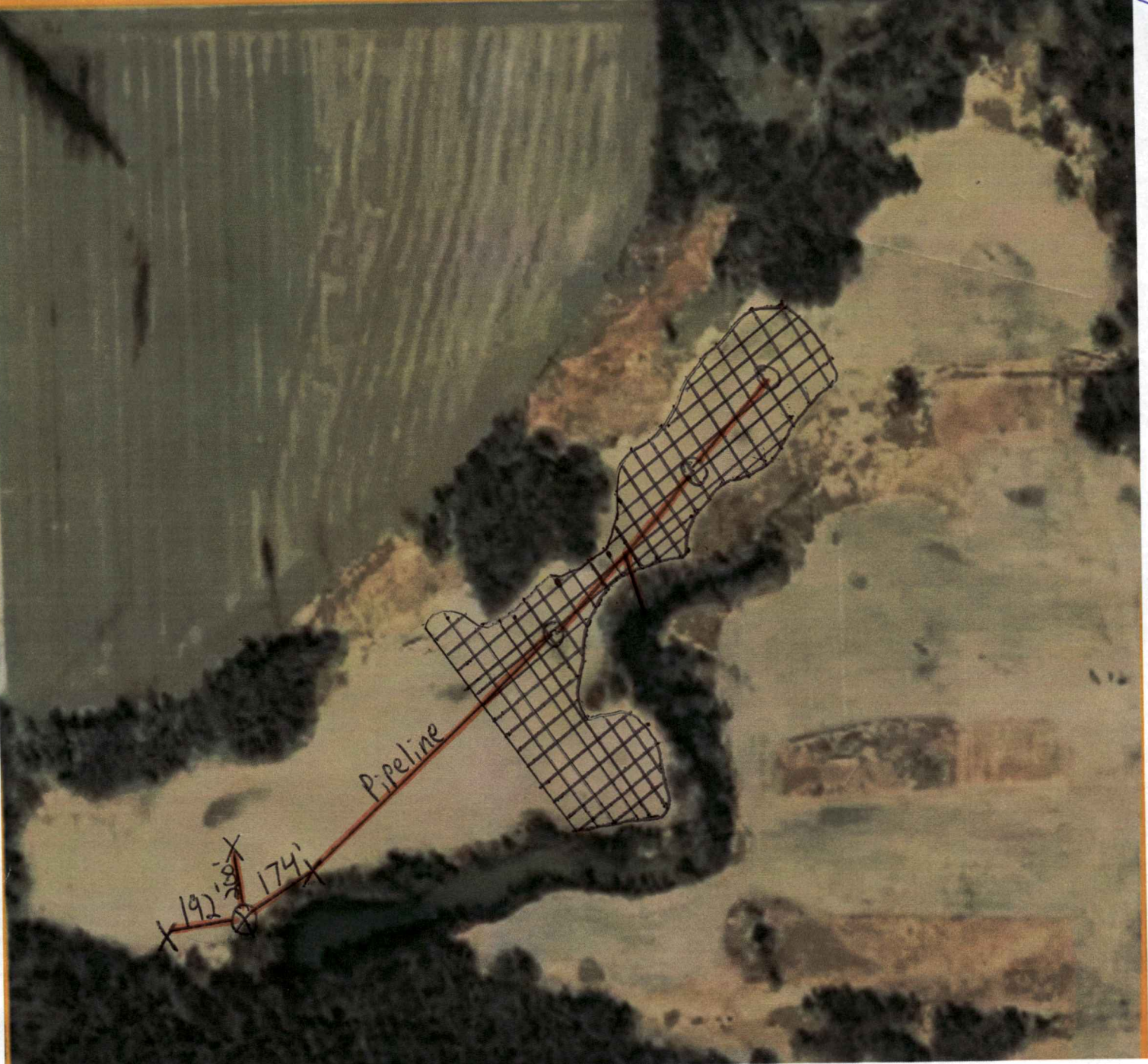
⊗ Point of diversion

Slough
3 Acres

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Impoundment 6.5 acres

- ⊗ = Point of diversion (Also a well)
- X = Well
- = riser

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Agriculture, Residential & Commercial

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Customer's Name Dustin Edwards

Date 9/12/2024

Address 1620 Flatbottom Rd Ball Ground, GA 3010

Test # _____

County Cowley Quarter NE Section 30 Township 33S 3E

Drilled Footage		Description of Strata	SWL	YIELD	PLAIN	PERF
From	To					
		Test Hole #1 5" CASED				
		37.152240 -97.137532	12	25 gpm	0-10	10-30
0	2	Topsoil				
2	14	Fine Sand				
14	23	Medium Sand				
23	26	Fine Sand				
26	30	Creamy Gray Shale				
		Test Hole #2				
		37.152412 -97.136666				
0	2	Topsoil				
2	15	Fine Sand				
15	16	Clay lense gray				
16	21	Dirty fine sand				
21	26	Fine Sand				
26	28	Dark gray shale				
28	30	Creamy Gray Shale				
		Test hole #3				
		37.151845 -97.138340				
0	2	Topsoil				
2	13	Fine Sand				
13	24	Medium Sand				
24	26	Fine Sand				
26	31	Creamy Gray Shale				
		Test Hole #4				
		37.151815 -97.139001				
0	2	Topsoil				
2	14	Fine Sand				
14	19	Fine/ med Sand 60/40				
19	25	Fine sand				
25	32	Fine/ med Gray Sand 90/10				
32	35	Creamy Gray Shale				

To whom it may concern,

This is a supplemental information form for the permit application for Mr. Dustin Edwards at NE quarter of 33S 3E Section 30, Cowley County, KS.

The permit application is for recreational use. Accompanying this letter is maps outlining the place of use. One location on the map is a diked impoundment with an average depth of three feet. The other is a slough with an average depth of five feet. The slough is a natural low spot with little to no modifications being made to it as it does hold water when we are not in extreme drought conditions.

In the impoundment area extensive core sampling has been completed using a skid steer and a five-foot auger to determine the best location so it will successfully hold water. The sole profile of the impoundment contains sand which we are aware will not hold water. Because of this the construction process will require Mr. Edwards to remove the sand and install a clay bottom. He has agreed to doing this. Since it is in a flood plain the dike surrounding the impoundment will not exceed twelve inches above natural grade. The clay bottom that will be constructed in the impoundment will be approximately two feet thick. The water impoundment and slough will be used for duck hunting purposes and will be filled and topped off for the duration of October through January yearly.

We will be representing Mr. Edwards in this process and will be the point of contact for any questions or concerns.

Thank you,

Allen Stroot
Co-owner

Premier Pump and Well Service Inc
PO Box 637
Colwich, KS 67030
316-722-8380
Office@PremierPumpAndWell.com

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Acre Feet Calculations

8

Slough

Area 3 acres

Average depth 5'

Equals 15 AF

Impoundment

Area 6.5 acres

Average depth 3'

Equals 19.5 AF rounded up to 20 AF

Evaporation

9.5 acres surface area multiplied by 18" per acre per year equals 171 AF

171 AF divided by 12" equals 14.25 AF per year

As is mentioned in the enclosed letter the impoundment and slough will only be filled and topped of four months of the year.

14.25 divided by 3 (four months) = 4.75 AF rounded up to 5 AF

Seepage

5 AF (see enclosed letter for explanation of work being done to counteract seepage)

15 AF for the slough

20 AF for the impoundment

5 AF for seepage

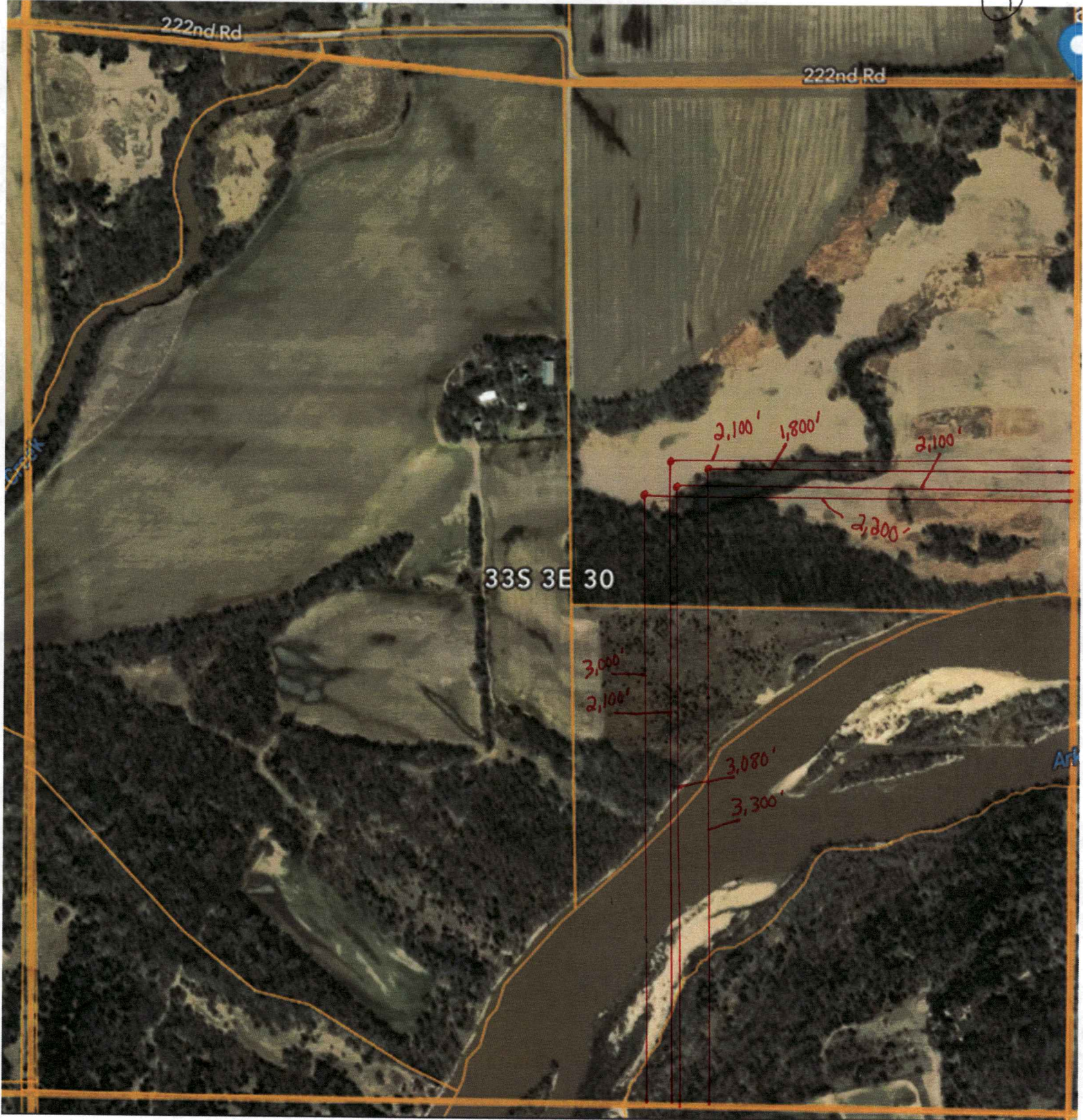
5 AF for evaporation

Total is 45 AF rounded up to 50 AF

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2000' to EAST BOUNDARY

3000' to

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