

FORM 2: Application for irrigation in South Dakota
(type or print)

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| Mail to: FMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352 | (office use only) |
| | No. <u>8102-3</u> Hydrologic Unit <u>10160006</u> |
| | Basin <u>James River</u> |
| | Newspaper <u>Redfield Press</u> <u>Aberdeen American News</u> |

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FEB 25 2015
WATER RIGHTS PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: New Vested Right Amendment/Correction to Permit No. _____
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Irrigation Permit Bixler Land
(check one) Owner Tenant/lessee Owner's Legal Agent

Mailing Address 39477 184th St Hitchcock S.D. 57348
(Address) (City) (State) (Zip Code)

Home Phone 605-266-2762 Cell 354-3177 Email bixlerfarms@hotmail.com

2. Amount of water claimed 1.78 *CFS or **GPM ***AF Total Acreage 160
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply well

4. Location of point of diversion center of SE 1/4 Sec 22-114-63 Belmont Township
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
County Spink

5. County or counties where water will be used Spink

6. Annual period during which water is to be used May 1 to Oct 1

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

| Land Description | Acres | Land Description | Acres |
|-----------------------------|------------|------------------|-------|
| <u>SE 1/4 Sec 22-114-63</u> | <u>160</u> | | |
| | | | |
| | | | |

8. Give a description of the project. (Attach sheet if more space is needed)

Irrigate with center pivot
Well located near center of SE 1/4 Sec 22-114-63 Belmont Township
Spink County

I, Reed Bixler, the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

Supplemental Information

(type or print)

1. Well Information (check one or both as applicable) Drilling new well(s) Using existing well(s)

a) If new wells, how many 1 Have test holes been drilled Yes No Drilled by Stretch's Well
(if yes, please provide copies of logs)

b) If existing wells, how many Provide copy of log(s), if available. Drilled by

c) Well Depth 70' Depth to Top of Water Bearing Material 25' Depth to Water from Surface 25'

d) Distance to nearest existing domestic well:

On applicant's property On property owned by others 6000'

2. Wastewater Disposal System Information

a) Type of System (i.e. septic tank, drain field)

b) System Capacity (gallons) Year Constructed

c) Connected to the City of Sanitary System

3. Dugout Information

a) Surface Dimensions Depth

b) Depth to water (ground surface to water level)

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

b) Freeboard

c) Crest Width

Crest Length

d) Height

e) Primary Outlet Capacity

If pipe, diameter

f) Secondary Spillway Capacity

Spillway Width

g) X & Y Slope (e.g. 3 to 1 is a typical slope)

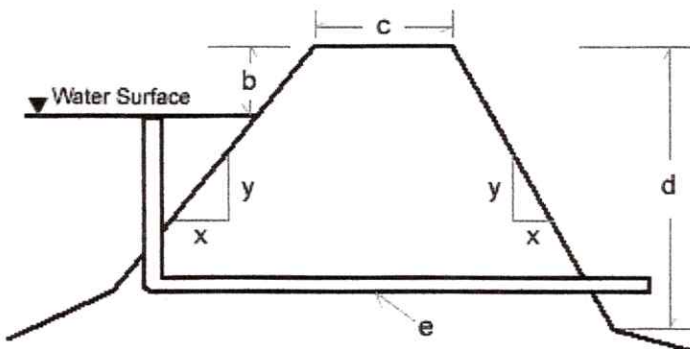
Upstream

Downstream

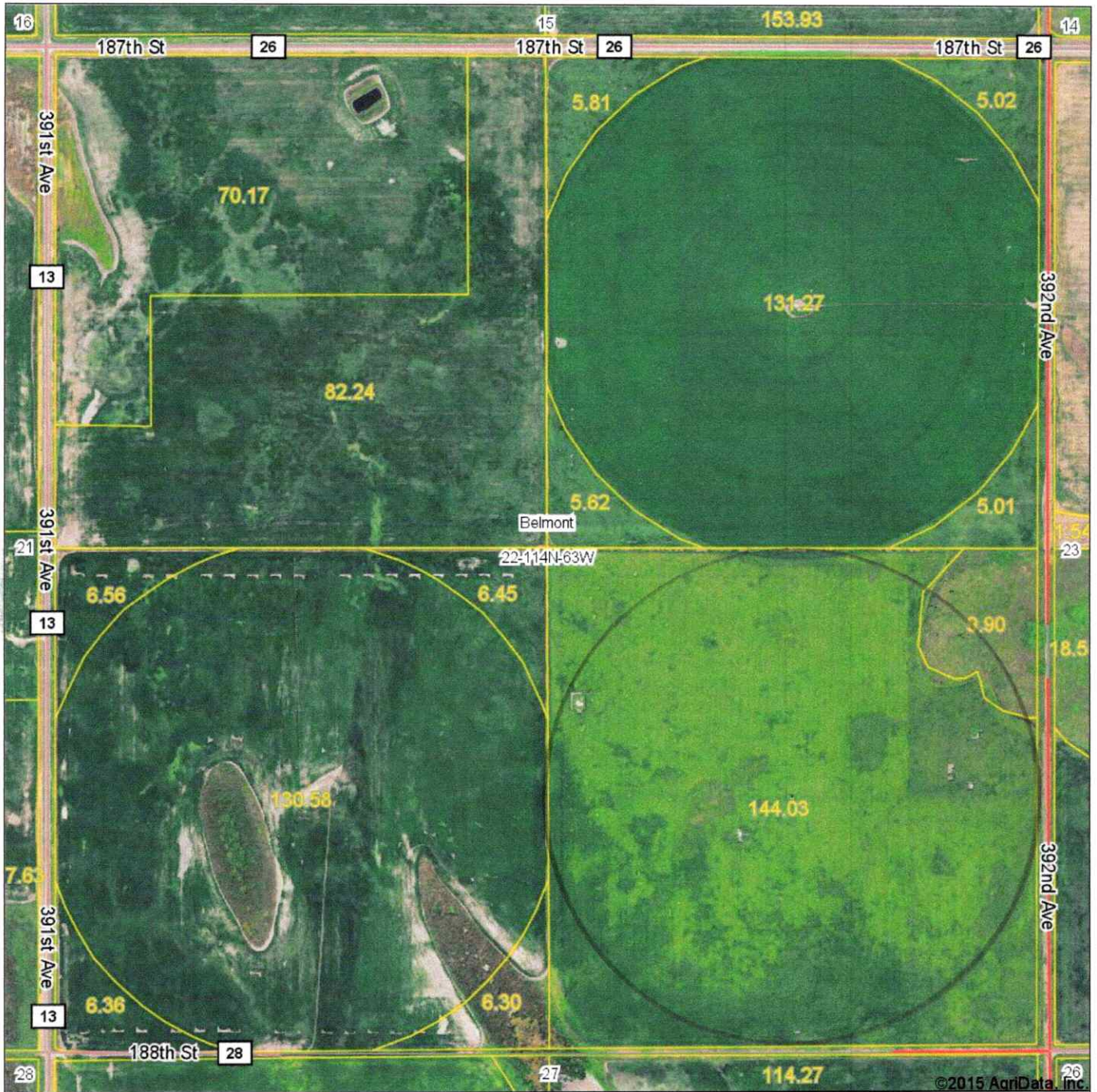
h) Surface Area of Impoundment

i) Storage Acre Feet

j) Drainage Area Above Dam Acres



Aerial Map



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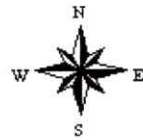


Maps Provided By:



22-114N-63W
Spink County
South Dakota

map center: 44° 40.1409', 98° 23.5327'
 scale: 9368



1/26/2015

Field borders provided by Farm Service Agency as of 5/21/2008. Aerial photography provided by Aerial Photography Field Office.