

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

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8121-3</u> (office use only) 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.)

- Name to Appear on Irrigation Permit _____
(check one) Owner Tenant/lessee Owner's Legal Agent Allen Gatzke / Jeffery Gatzke
(name and complete address if different than above name)
- Mailing Address 25868 478th Ave
39351 187th Street Hitchcock Brandon SD 57348
(Address) (City) (State) (Zip Code)
- Home Phone 605-266-2711 Cell 605-354-9006 Email jeffery@gatzkefarms.net
- Amount of water claimed 0.89*CFS or 400**GPM _____***AF Total Acreage 40
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply ground
- Location of point of diversion 1 well in N central 40 - SW 1/4 - Sec 13
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
T 114 N - R 63 W (NW 1/4 SW 1/4) County Spink
- County or counties where water will be used Spink
- Annual period during which water is to be used June, July, August
- 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
NW 1/4 <u>N center - SW 1/4 - Sec 13</u>	<u>40</u>		
<u>T 114 N - R 63 W</u>			

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

I, [Signature], the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

2012-09 Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Also, attach map and any other technical information. (see instructions)

44.68099 / -98.35842

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 _____
(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 75 Depth to Top of Water Bearing Material _____ Depth to Water from Surface _____
- d) Distance to nearest existing domestic well:
On applicant's property 1/2 mile On property owned by others _____

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.

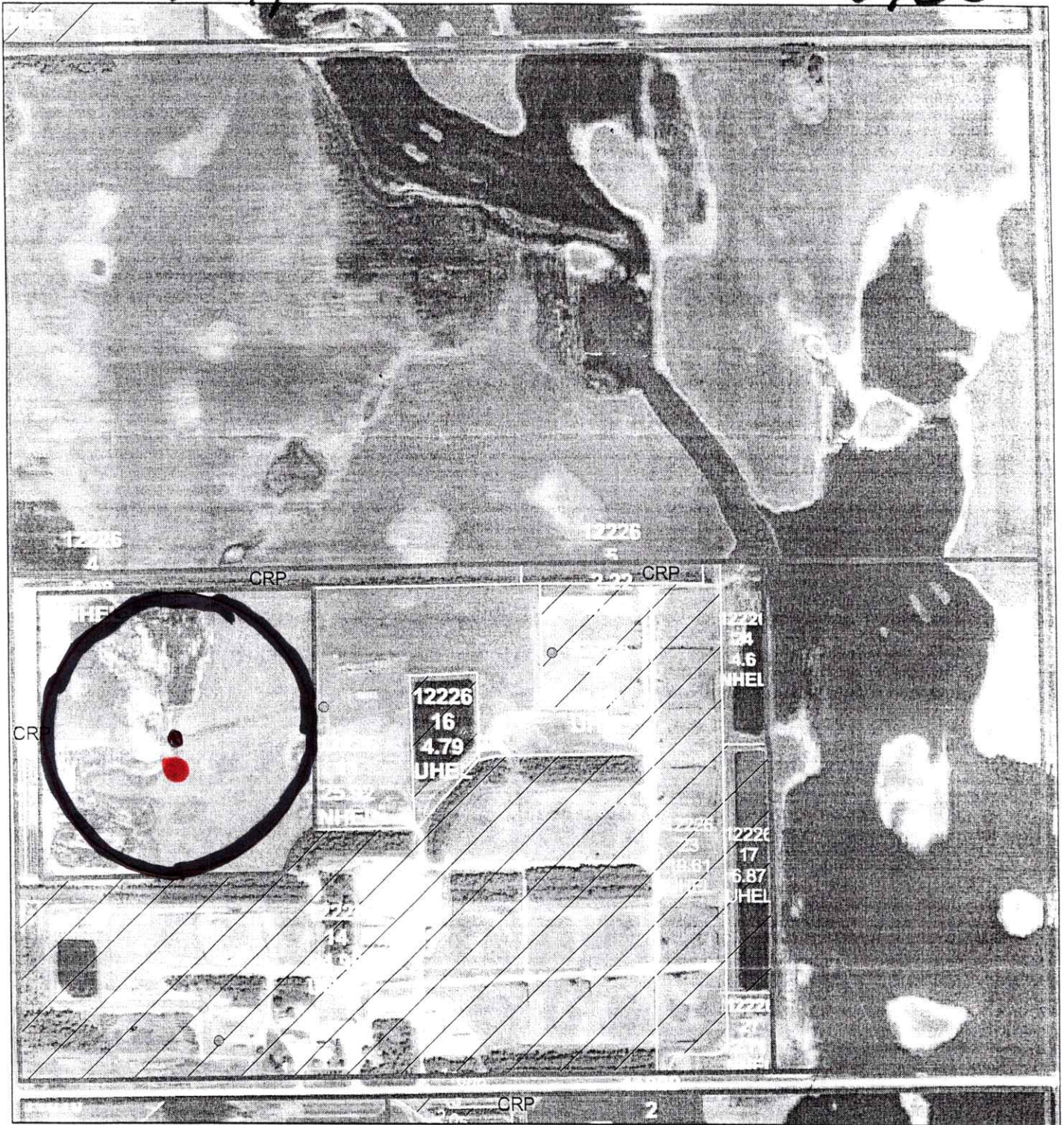
- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- 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

2011

8435



United States Department of Agriculture
Farm Service Agency

March 21, 2011

PLSS: 13_114N_63W
Farm: [redacted]

Spink County, SD
1:8,131



- Wetland Determination Identifiers**
- Restricted Use
 - ▽ Limited Restrictions
 - Exempt from Conservation Compliance Provisions

Common Land Units

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

North 40 acres

2010 Ortho-Photography - Not to Scale

- proposed well location

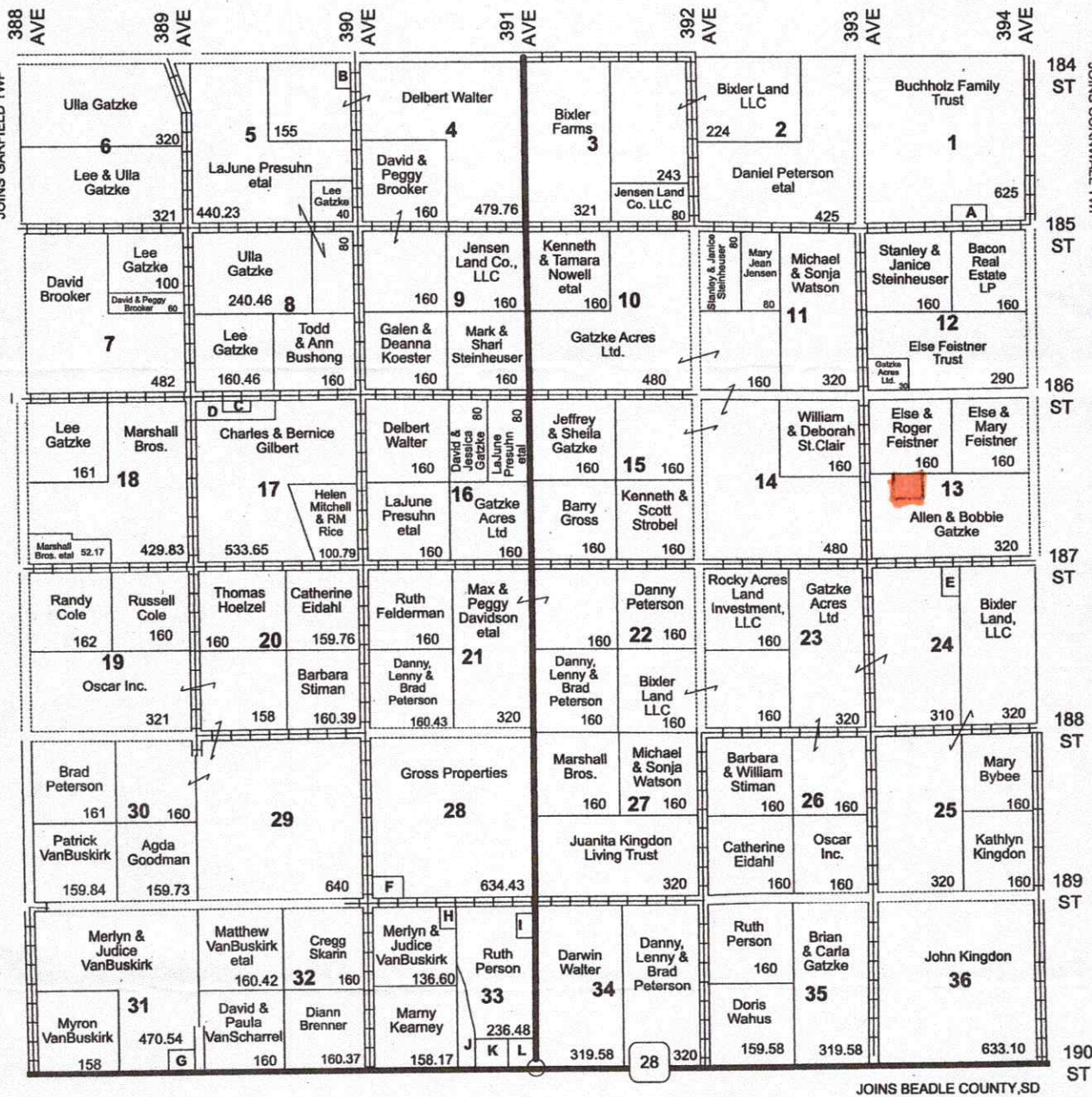
BELMONT TWP

LAND OWNER

T 114 N

R 63 W

JOINS CRANDON TWP



LAND OWNER & RURAL RESIDENT MAPS

NORTHVILLE NORTH	BELLEFLEUR NORTH	LA PRAIRIE	EDDYS	CORNER
NORTHVILLE SOUTH	BELLEFLEUR SOUTH	EDWARDS	TERRACE EAST	BENTON
ATKIN	ATFUSON	CLIFTON	SUMNER	TORTON
SNOWLAND	THREE RIVERS	GREAT BEND	HAWKSBY	FRANK CENTER
ELKRE	REDFIELD	LOD	FRANKFORD	WELLS PLANE
LAKE	YALOG	GRANDON	LINCOLN	HARRISON
BUFFALO	GARFIELD	WELSPOT	CORNWALL	ANTHONY

Small Tracts

- Section 1 A Todd Cole - 20
- Section 5 B Ron & Mary Gilbert - 5
- Section 17 C Scott & Brandi Gilbert - 9.34
- D Scott Gilbert - 42.38
- Section 21 E A&B Feedlot Inc. - 10
- Section 28 F Janice Peterson Living Trust - 5
- Section 31 G Roger Larson & Beverly Day - 8.53
- Section 33 H City of Hitchcock - 17.86
- I Aaron Gilbert - 20.41
- J Oscar Inc. - 42.85
- K City of Hitchcock Lots
- L Carol Carlson - 10.09