

No. 167-1

Division No. 1

Little Missouri River District.

**PERMIT**

to appropriate water from \_\_\_\_\_

Little Missouri River

Harding County South Dakota

Name of applicant \_\_\_\_\_

Alina Peterson

Name of diversion works \_\_\_\_\_

Peterson Pumping Project

Date of first receipt at office of State \_\_\_\_\_

Engineer May 21 19 41

Returned to applicant for Correction \_\_\_\_\_

19 \_\_\_\_\_

Corrected application received \_\_\_\_\_

19 \_\_\_\_\_

Date of water right \_\_\_\_\_

May 21 19 41

Recorded in Book 2 Pages 518-519

One-fifth of work to be completed \_\_\_\_\_

19 \_\_\_\_\_

Whole work to be completed \_\_\_\_\_

August 14 19 41

Final proof of use of water \_\_\_\_\_

August 14 19 41

Approved July 14 19 41

Dean W. Loucks State Engineer.

NO. 167-1

Water Division No. 1 Little Missouri River District  
(Blanks to be filled by the State Engineer.)RECEIVED  
MAY 22 1941  
8:35 a.m.OFFICE OF STATE ENGINEER  
PIERRE, S. D./KAPPLICATION FOR A PERMIT  
To appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable.)

1. Name of applicant Allan PetersonPostoffice address Bullock, County Harding, State South Dakota

## I. If a corporation

(a) Name of same

(b) Date and place of incorporation

(c) Amount of capital stock

(d) Amount paid in

(e) Names and addresses of directors:

(NOTE—A certified copy of articles of incorporation must accompany the application.)

## II. Method of accomplishing the work and financial resources of the applicant:

(a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor) Direct labor

(b) Cash on hand, \$

(c) Treasury stock, \$

(d) Bonds to be issued, \$

(e) Other resources, \$

2. Name of diversion works Peterson Pumping Project3. Quantity of water claimed 43 cubic feet per second.4. Source of water supply Little Missouri River5. Location of point of diversion Bearing N. 52° E. 1263.0 feet to north quarter-corner of Sec. 20, T. 120 N., R. 2 E. of B. E. M. Right bank.  
(Right or left bank looking down stream.)6. Annual periods during which water is to be used 350 hrs. per season during high flow.

## 7. To be used for:

1. Irrigation or domestic use:

(a) Number of acres to be irrigated 62.3 acres.

|        |         |             |
|--------|---------|-------------|
| Lot 1  | Sec. 17 | 25.6 acres. |
| Lot 10 | Sec. 17 | 11.2 acres. |
| Lot 4  | Sec. 20 | 2.9 Acres.  |
| SW-NE  | Sec. 20 | 2.0 acres.  |
| NE-NE  | Sec. 20 | 20.6 acres. |

(b) Legal subdivisions to be irrigated

(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with average thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

(c) Statement as to domestic use (giving location, etc.)

Irrigation only

## II. Mining, power, manufacturing, transportation, or other purposes:

(a) Nature of use

(b) Amount of power to be generated horse power.

(c) Location of plant

(d) Method of developing power

(e) Point where water will be returned to stream

8. Estimated cost of works:

(a) Head gates, \$ 25.00

(b) Pumping plant, \$ 2000.00

(c) Fluming, \$

(d) Canal-earth, \$

Rock, \$

(e) Other structures Ditches and laterals \$ 200.00

Total, \$ 2225.00

9. Description of diversion works:

1. Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)

10' X 8" Merion pump 30 HP Gas engine, ditches and ditches (check system).

II. Dimensions of works:

Lift 17 feet.

(a) Dam: Height, feet; length at bottom, feet; length at top, feet; thickness at bottom, feet; thickness at top, feet; slope of front (water) face, ; slope of back face, ; material used in construction, .

(b) Reservoir: Capacity when filled, acre-feet. Surface area at highwater mark, acres.

| DEPTH AT<br>OUTLET-Feet | SURFACE AREA AT EACH<br>DEPTH AT OUTLET-ACRES | FEET OF | CAPACITY<br>ACRE-Feet |
|-------------------------|-----------------------------------------------|---------|-----------------------|
|                         |                                               |         |                       |
|                         |                                               |         |                       |
|                         |                                               |         |                       |
|                         |                                               |         |                       |
|                         |                                               |         |                       |
|                         |                                               |         |                       |
|                         |                                               |         |                       |
|                         |                                               |         |                       |

(c) Head gate: Width, feet; height, feet;

Material, .

(d) Canal: Total length, 1.7 miles.

| LOCATION (FLOW<br>HEADGATE) | DEPTH | BOTTOM<br>WIDTH | WIDTH AT<br>WATER LINE | GRADE<br>PER MILE |
|-----------------------------|-------|-----------------|------------------------|-------------------|
|                             |       |                 |                        |                   |
| At Mile                     | feet  | feet            | feet                   | feet              |
| At Mile                     | feet  | feet            | feet                   | feet              |
| At Mile                     | feet  | feet            | feet                   | feet              |
| At Mile                     | feet  | feet            | feet                   | feet              |
| At Mile                     | feet  | feet            | feet                   | feet              |
| At Mile                     | feet  | feet            | feet                   | feet              |

(Give dimensions where reductions in size are made.)

10. Time required for completion of work, how complete years.

11. Time required for complete application of water to the proposed beneficial use, how in years.

12. Choice of newspaper for publication of notice of intention to appropriate:

The Range Gazette, Carr, South Dakota

STATE OF SOUTH DAKOTA

County of Hamlin ss.

I, Alina Peterson, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of, .

(Owner, or (owner, engineer.) that I have read the above and foregoing statement, and examined the map accompanying the same, and that I know of my own personal knowledge that the matters herein stated and shown are true.

Signed Alina Peterson

Subscribed and sworn to before me this 22 day of May, 1911

E. C. Sullivan, County Auditor  
Notary Public (or other qualified officer.)

# MAP OF PETERSON IRRIGATION PROJECT

SECTIONS 17 & 20 . T. 20 N. R. 2 E. OF B. H. M.  
ALINA PETERSON, OWNER.  
BULLOCK, HARDING COUNTY, SOUTH DAKOTA

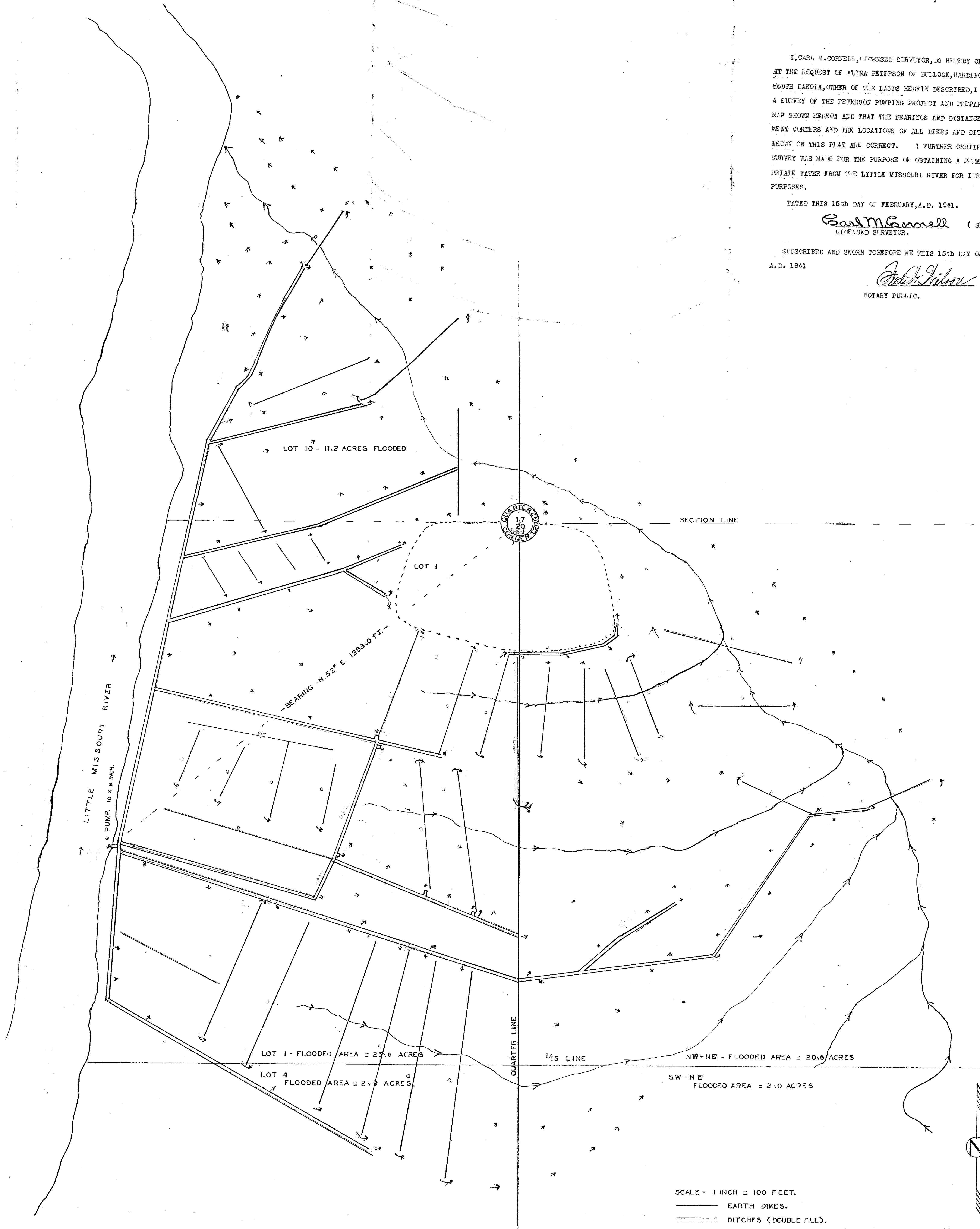
I, CARL M. CORNELL, LICENSED SURVEYOR, DO HEREBY CERTIFY THAT  
AT THE REQUEST OF ALINA PETERSON OF BULLOCK, HARDING COUNTY,  
SOUTH DAKOTA, OWNER OF THE LANDS HEREIN DESCRIBED, I HAVE MADE  
A SURVEY OF THE PETERSON PUMPING PROJECT AND PREPARED THE  
MAP SHOWN HEREON AND THAT THE BEARINGS AND DISTANCES TO GOVERN-  
MENT CORNERS AND THE LOCATIONS OF ALL DIKES AND DITCHES, AS  
SHOWN ON THIS PLAT ARE CORRECT. I FURTHER CERTIFY THAT THIS  
SURVEY WAS MADE FOR THE PURPOSE OF OBTAINING A PERMIT TO APPRO-  
PRIATE WATER FROM THE LITTLE MISSOURI RIVER FOR IRRIGATION  
PURPOSES.

DATED THIS 15th DAY OF FEBRUARY, A.D. 1941.

*Carl M. Cornell* (SEAL)  
LICENSED SURVEYOR.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15th DAY OF FEBRUARY  
A.D. 1941

*John J. Nelson* (SEAL)  
NOTARY PUBLIC.



SCALE - 1 INCH = 100 FEET.

— EARTH DIKES.  
— DITCHES (DOUBLE FILL).  
→ IRRIGATED AREA.

RECEIVED  
MAR 12 1941  
WR No 167-1  
OFFICE OF STATE ENGINEER  
PIERRE, S. DAK.

Remarks by State Engineer;

No protests to the water right were received as a result of  
the advertisement of notice.

STATE OF SOUTH DAKOTA  
County of Hughes ss.

Pierre, South Dakota, July 14, 1941

This is to certify that the foregoing application was received at this office at 8:35 o'clock  
a. m. upon the 24th day of May, 1941 and that after examination it  
was found to comply with the South Dakota water laws, was duly published and taken  
up by the State Engineer in accordance with Section 61.0124 of the South Dakota Code  
of 1939 and is hereby approved.

Number of permit 167-1

Dean W. Loucks State Engineer

Date of first receipt of application May 24, 1941

Date of return to applicant for correction // 1941

Date of receipt of corrected application 1941

Date from which applicant may claim right May 24, 1941

Approved July 14, 1941, Recorded in Book 2 Page 518-519

This is to certify that I have examined the foregoing application for a permit to appropriate  
water of the state of South Dakota, and I hereby grant the same as stated herein, subject, however,  
to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or  
before // 1941

2nd. The whole of said work is to be completed on or before August 14, 1941

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith  
is August 14, 1941

4th. The water appropriated shall be used for the purpose of Irrigation

5th. The prior right of all persons who, by compliance with the laws of the State of South Da-  
kota, have acquired a right to the use of water, must not be injuriously affected by this appropriation.

6th. The amount of the appropriation hereby granted shall not exceed  $\frac{1}{2}$  cubic  
feet of water per second of time; neither shall it exceed the capacity of the above described system  
of diversion works, nor the least amount of water that experience may hereafter indicate as neces-  
sary for the production of crops in the exercise of the best husbandry; and further, said appropria-  
tion must be limited to not more than one-seventieth ( $\frac{1}{70}$ ) of one cubic foot of water per second of  
time for each acre of land to which water is actually and beneficially applied for irrigation on or  
before August 14, 1941; said water to be used during the following described an-  
nual period:

300 hrs. per season during high flow

Witness my hand this 14th day of July, 1941.

Dean W. Loucks

State Engineer

## PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA } ss.  
 County of Harding  
Larsche Collins being duly  
 sworn, deposes and says the annexed printed copy of Notice  
 of Intention to appropriate water was taken from the  
Range Gazette a newspaper which  
 during the whole time of publication of said notice herein-  
 after stated, has been and is printed and published in the  
town of Camp Creek County of  
Harding and State of South Dakota;  
 that the said notice was published in said newspaper on the  
 following dates:

June 13, 1941

June 20, 1941

June 27, 1941

July 4, 1941

in each and every issue of the full number thereof, the first  
 publication being made on the 13 day of June  
1941 and the last publication on the 4 day of

July 1941, upon which days or times  
 of publication aforesaid the newspaper was regularly pub-  
 lished, and that during the whole time of said publication he  
 was Editor the printer and publisher of  
 the said newspaper.

Subscribed and sworn to before me this 12 day of July A. D. 1941

Notary Public Larsche Collins County, S. D.

RECEIVED  
 JUL 13 1941  
 OFFICE OF STATE ENGINEER  
 PIERRE, S. DAK.  
 This application will be taken up by  
 the State Engineer at his office at Pierre  
 for consideration upon the 13th day of  
 July, 1941 at 2:00 P. M. All persons who  
 believe that their prior rights would be  
 adversely affected or that the allowance  
 of the permit would be detrimental to the  
 public welfare shall file such protest  
 with the State Engineer in writing prior  
 to the above date and may appear on the  
 day above mentioned as a person for the  
 purpose of discussing the information  
 presented.  
 Appropriate action will be taken by  
 the State Engineer after suitable time has  
 elapsed for the consideration of any or  
 all information presented.  
 DEAN W. LOUCKS  
 State Engineer  
 (Pub. J. 3-27-3-1)

Water Rights Division  
605 773-3352

February 29, 1984

247-1  
167-1

Joseph Heggen  
St Rt, Box 61  
Buffalo SD 57720

Dear Mr. Heggen:

Enclosed is your Water License No. 247-1. The Water License has been reissued to the extent of what is actually being irrigated and to incorporate the applicable portions of Water Permit No. 167-1.

As long as you use the water beneficially as stated in the Water License, State Water Laws provide that you have a continuing right to use the water.

Very truly yours,



JOHN HATCH, Chief Engineer  
Water Rights Division

JH:GM:ks

enclosure