

Water Right Number 3364-3

1. Considered 1-26, 19 77
2. Name of Applicant DEAN BOSSE
3. Post Office Address JEFFERSON
4. Amount of water claimed .95
5. Source of water supply 100' WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 67
7. Water to be diverted and used in UNION County
about 4 1/2 Miles of JEFFERSON
8. Proof of Publication
Received 1-21-77
Not received _____
Approved _____
Subject to _____
Not approved _____
Action deferred _____
9. Application

10. Remarks:

2650-3 No. 3364-3
 Map No. ~~3364-3~~ Water Division No. 3 Big Sioux River District
 (Blanks to be filled by the Engineer for the W. R. C.)



APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE - Draw a line through items not applicable)

1. Name of Applicant Dean Bosse
 Post office address Jefferson, State South Dakota
 If a corporation show date and place of incorporation None
 2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
 3. Name of diversion work Bosse Irrigation Project
 4. Amount of water claimed (cubic feet per second) 2.7 CFS MAXIMUM ALLOWABLE
 5. Source of water supply Well
 6. Location of point of diversion 2000 feet North of the SW corner of Section 20, T90N R48W

UnionCounty Union

7. Annual period or periods during which water is to be used June through September
 8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
 9. For irrigation use, Total number of acres to be irrigated 67 acres

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
SW 1/4 and 30 acres in the SW 1/4 Section 20, T90N R48W	67 Ac.		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 5 years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Leader-Courier, Elk Point, S. Dak.
 12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

Well

B. Works proposed to transport water to place of use.

Gated pipe

C. Works proposed to apply water to beneficial use.

Gated PipeEstimated Total Cost \$ 10,000.00

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
 (See instructions concerning preparation.)

STATE OF SOUTH DAKOTA)

County of Union) ss.

I, DEAN BOSSE the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed Dean BosseSubscribed and sworn to before me this 10 day of January 1976Walter J. Howard
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3364-3

DEAN BOSSE
(Applicant)

RT2, BOX 41 JEFFERSON
(Post Office Address)

SOUTH DAKOTA 57038 With the following modifications:
(State)

The irrigation well approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application DECEMBER 3, 19 76

Date of return to applicant for correction, amendments or changes required —, 19 —

Date of receipt of corrected application DECEMBER 23, 19 76

Approved JANUARY 27, 19 77, Recorded in Book 17 Page 129

WATER RIGHT PERMIT NO. 3364-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3364-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is DECEMBER 3, 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 27, 19 79
3. The whole of said work is to be completed on or before JANUARY 27, 19 82
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JANUARY 27, 19 82
5. The water appropriated shall be used for the purpose of IRRIGATION

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

7. The amount of the appropriation herein granted shall not exceed .95 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (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 JANUARY 27, 19 82; said water to be used during the following described annual period: JUNE THRU SEPTEMBER

Witness my hand this 8TH day of APRIL, 19 77

WATER RIGHTS COMMISSION

By:

John Holch
Chief Engineer, Executive Officer

Certificate of Construction Issued DECEMBER 18, 19 79

Water License Issued DECEMBER 18, 19 79

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

- (1) Drill Hole, Diameter 30 inch, Depth 100 feet
(2) Casing, Type transite Diameter 16" I.D. Thickness 3/4 inch
(wood, concrete, steel, etc)
(3) Perforated Screen
Type 1/8 inch slotted, Diameter 16" I.D., Length 20 feet
(4) Gravel Pack, Thickness 6-9 inches, Length of gravel pack 20 + feet

E. Dugout Information or Estimates.

- (1) Surface dimensions -----, Depth -----

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials Water bearing gravels and rock

Depth to top of water bearing material 100 feet
Depth to bottom of water bearing material 30 feet
Thickness of water bearing material 70 feet
Depth to water (ground surface to water level) 14 feet drawdown

- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property 100 rds. On property owned by others 150 rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Dean Bosse
Signature of Applicant

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 3364-3

(1) WHEREAS, On the 3rd day of December A. D. 19 79
Dean Bosse

made Water Right Application No. 3364-3 for a permit to use .95 cubic feet per second of the water
of groundwater (one well)
County of Union State of South Dakota, for irrigation
purposes; and

(2) WHEREAS, On the 27th day of January A. D. 19 77
Permit No. 3364-3 with a date of priority of December 3, 1977
was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 27th day of January A. D. 19 82 and for the
application to beneficial use of said water on or before the 27th day of January A. D. 19 82

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert .95 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent:

to irrigate the following land all in Section 20, T90N, R48W

Acres

SW $\frac{1}{4}$ NW $\frac{1}{4}$

30

NW $\frac{1}{4}$ SW $\frac{1}{4}$

37

TOTAL

67 acres

NOTE: Gated pipe is used interchangeably on this project and under
Permit No. 2117-3

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Dean Bozue

_____ of Jefferson, South Dakota

the holder _____ and owner _____ of said permit No. 3364-3 a water right, dating from December 3, 1976

_____ to use of .95 cubic feet per second of the water of groundwater (one well)

in the County of Union and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at a point 200 feet north & 50 feet east of the SW corner, Section 30, T90N, R48W

and conducted ^{ed} to and upon portions of land in Section 20, T90N, R48W more fully described on the face of this License

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 3364-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 18th day of December A. D.

Nineteen Hundred and Seventy-Nine

Board of Water Management

By:

John Hatch
Chief Engineer • JOHN HATCH

Permit No. 3364-3

Water Diversion No. 3 Big Sioux River Water District

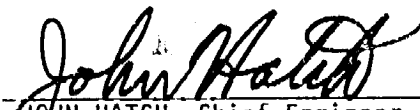
CERTIFICATE OF CONSTRUCTION

This is to Certify, That Dean Ecsse

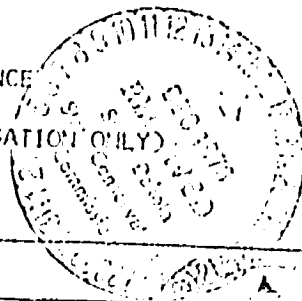
_____ the holder _____ of
Permit No. 3364-3, issued upon Application No. 3364-3, bearing date of priority of December 3,
1976 authorizing the diversion of .95 cu. ft. per second of the waters of _____
groundwater (one well) County of Union, State of South Dakota at _____
a point 200 feet north and 50 feet east of the SW corner, Section 20,
T80N, R48W
_____, for irrigation

purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 2.0 cu. ft. per second of water

Date December 18, 1979


JOHN HATCH, Chief Engineer
Water Rights, WMD

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)



NAME DEAN BASSE
ADDRESS JEFFERSON SD
COUNTY LIANCOURT

LEGAL DESCRIPTION

1. WELL LOCATION North of Lawrence, S.D., 1/2 mi. E. of Lawrence
2. LOCATION OF AREA TO BE IRRIGATED 400' by 100' area, 20' from Lawrence

TYPE OF IRRIGATION

3. GRAVITY X TOWLINE _____ CENTER PIVOT _____ GUN _____
4. CROPS TO BE IRRIGATED CORN & BEANS

WATER QUALITY

5. SAMPLE NUMBER 76-1892
6. SALINITY (EC x 10⁶) 1094 (high)
7. SODIUM (SAR) 0.77
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0.44

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and: the soils information has been acquired from _____ Conservation District, County Extension office or Soil Conservation Service. and: that the legal description for the location of the well and land to be irrigated is true and correct.

Dean Basse
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
12 DAY OF November, 19 76.

Dean J. Basse
(TITLE OR SEAL) _____

Approved
APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

REPORT OF ANALYSIS
 Water Quality Laboratory
 Water Resources Research Institute
 South Dakota State University
 Brookings, South Dakota 57006

Submitted by: Don Fosse Date Rec'd November 18, 1976
 Address Jefferson, SD 57038 Sample No. 76-1892
 Identification Well
SW2, Sec. 20, T. 20N, R. 43E

WATER ANALYSIS

Calcium (Ca)	108	ppm*	5.40	me/l**
Magnesium (Mg)	41	ppm	3.36	me/l
Sodium (Na)	37	ppm	1.61	me/l
Potassium (K)	5	ppm	0.13	me/l
Sulfate (SO ₄)	160	ppm	3.33	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	22	ppm	0.62	me/l
Bicarbonate (HCO ₃)	573	ppm	9.40	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	470	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1094	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.77			
Sodium	15.33	% of cations		
Residual sodium carbonate	0.44	me/l		
pH	7.41			
Others:				

*ppm=parts per million
 **me/l=millequivalents per liter
 ***g.p.g.=grains per gallon

COMMENTS: Total cations 10.50 me/l
 Total anions 13.35 me/l

By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	\$8.00

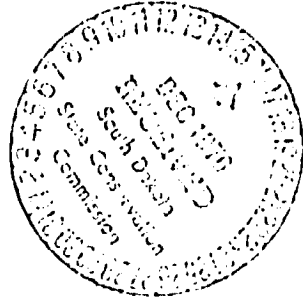
Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-1892

Amount Enclosed \$ _____

Signed _____



December 13, 1976

Mr. Dean Bosse
Jefferson, SD 57038

Dear Mr. Bosse:

Your water sample (Lab. No. 76-1892) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

I am also enclosing a copy of AES pamphlet #13 for your use. The quality of your water for irrigation use is plotted approximately by means of the red cross in the chart on the outside back cover.

Your water, as indicated by this analysis, is satisfactory for use on the soils you indicate will be irrigated. If a salt problem or a water table problem should develop, contact extension personnel for assistance.

The WI-1, soils information, and a copy of the water analysis are being forwarded to the State Conservation Commission for their action.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission

No. 3364-3

Publish first publication, on or before January 13, 1977

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

December 23, 1976

Notice is hereby given that Dean Bosse
whose post office address is Jefferson, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
.95 cubic feet of water per second of time from NW ground water through the
Bosse Irrigation Project, the point of diversion of which is to be located in the _____

_____ NW 1/4 SW 1/4 _____
of Section 20, Twp. 90N, Range 49W. Said water to be used for the purpose
of providing irrigation on the following described land:

NW 1/4 SW 1/4 & SW 1/4 NW 1/4, Section 20, T90N, R49W

This application No. 3364-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 26th day of January, 1976, at 10:00 A.M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw
cc:

Dean Bosse, Rt. 2, Box A-1, Jefferson, SD 57036

No. 3364-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Union) ss.

I, Lester E Emerson hereby
certify that the annexed printed copy of Notice of Intent to Appropriately
Water was taken from the The Leader - Courier

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the

City of Elk Point.

County of Union and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

January 13, 1977
January 20, 1977

Lester E Emerson
(Signature)

Publisher
(Title)

January 20, 1977
(Date Signed)

NOTICE OF INTENT TO
APPROPRIATE WATER
Pierre, South Dakota 57501
December 28, 1976 Jan 20 1977
Notice is hereby given that
Dean Bosse whose post office
address is Jefferson, South Dak-
ota, has made an application in
accordance with the provisions
of the water laws of South Dakota
for a permit to appropriate for
beneficial use .95 cubic feet of
water per second of time from
ground water through the Bosse
Irrigation Project, the point of
diversion of which is to be loca-
ted in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section
20, Twp. 90N, Range 49W. Said
water to be used for the purpose
of providing irrigation on por-
tions of the following described
land: NW $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section
20, T90N, R49W. This application
No. 3364-3 will be considered by the Water
Rights Commission at their off-
ice at Pierre upon the 26th, day
of January, 1977, at 10:00 A.M.
All interested persons may ap-
pear and be heard.
WATER RIGHTS COMMISSION
By Burton F. Jones
Water Rights Specialist
Pub. Jan. 13, 20



Permit No. 3364-3Water Division 3 Big Sioux River Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by DEAN
BOSSÉ of JEFFERSON holder
of Permit No. 3364-3, bearing date of priority of DECEMBER 3, 1976
authorizing the diversion of .95 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in UNION County.

I have to report on the condition of the same as follows:

The Water Use System consists of,

A. Works used to divert the water:

105' DEEP WELL WITH 16" TRANSITE CASING
WESTERN LAND ROLLER 8" PUMP SER # 44492.
HEAD 813050 - SINGLE STAGE, 14" BOWL
POWERED BY 30 HP U.S. ELECTRIC MOTOR

B. Works used to transport water to place of use,

C. Works used to apply water to beneficial use.

1 1/2 MILES OF 8" GATED PIPE, WITH 30" GATES *

The system is in the following condition: GOODThe point of diversion is located 2000' N & 50' E OF THE SW CORNER,
SECTION 20, T40N, R48WThe works are capable of diverting and conveying to the place of use 2.0cu. ft. per second of water which is to be used for IRRIGATIONWater has been put to beneficial use to the maximum extent as follows: ALL IN SECTION 20, T40N, R48W

<u>SW¹ NW¹</u>	<u>30 ACRES</u>
<u>NW¹ SW¹</u>	<u>37 "</u>

comprising a total of 67 acres of land.

* GATED PIPE IS USED
INTERCHANGEABLY ON
THIS PROJECT AND
UNDER PERMIT NO. 2117.3

Date August 9, 1979
[Signature]
(Signature)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7146

December 6, 1919

PIERRE, _____

Dean Boxse, RR #2, Box 198, Jefferson, SD 57038

RECEIVED OF _____

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. _____ (examination, processing, recording and filing) _____	3364-3		
Fee for inspecting Construction, and issuing Cert. of Construction No. _____	3364-3	50	00
Fee for inspecting Beneficial Use, and issuing Water License No. _____			
Fee for issuing Location Certificate-Dry Draw, No. _____			
Fee for filing _____			
Fee for certified copy of _____			
Fee for Print copy of map _____			
Fee for Certifying _____			
Fee for _____ (any other work as provided by law)			
TOTAL		50	00

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer
JOHN HATCH (9Y)

8-106

NOT TO SCALE prepared by
L. E. Deane
11/17/74 Co apt

MAP 112 2650-3 APP. 3564.8

47.0 (8-M211)

48.2
(1-222)
(8-118)

93.2
(8-118)

67.3
90.2
8-273
(8-106)

97.5 (8-M211)

750'
x Well

76.7 (8-219)
77.6

38.6 (8-M171)
2000'

35.4
(8-M211)

90-48

59.0 (8-149)

113.4
(1-222)
(8-66)



3364-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

January 24, 2006

NOTICE

TO: DEAN BOSSE, 32840 481ST AVE, ELK POINT, SD 57025

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2005 Irrigation Questionnaires

Our records indicate that the 2005 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 28, 2005. The Water Management Board has directed that owners of water permits who have not submitted the 2005 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 2117-3, 3249-3 & 3364-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 5184-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 10:30 am, March 2, 2006 in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 5184-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 2117-3, 3249-3 & 3364-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaires are received in this office on/or before **February 24, 2006**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath (605) 773-3352.

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

3364-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

February 3, 2006

Dale Bosse
32840 481st Ave
Elk Point SD 57025

Dear Mr. Bosse:

I am writing to acknowledge receipt of your 2005 irrigation questionnaires. You may disregard the January 24, 2006, "Notice" concerning reporting requirements for Water Right Nos. 54-3, 518-3, 2117-3, 3249-3, 3364-3 and 5184-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

We have also received the "Notice of Transfer of Ownership" form and filing fee from you for transferring Water Right No. 518-3. The transfer has been completed. Water Right No. 518-3 formerly listed in the name of Douglas Bosse is now listed in your name.

Enclosed is your Receipt No. 02275 in the amount of \$2.50. You may keep this for your records.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352

enclosure

3364-3

SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

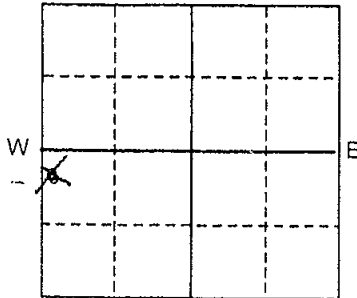
11-02

Location NW 1/4 NW 1/4 Sec 20 Twp T90N Rg R48WWell Owner: Dean BosseCounty Union

Business Name:

Address: RR #2 Box 198City, State, Zip: Jefferson, S.D. 57038

Please mark well location with an "X"



Well Completion Date

11-26-14

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
ft. from _____ (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Reverse Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>h40</u> LB/FT	<u>16</u> IN	<u>0</u> FT	<u>82</u> FT	<u>28</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Bentonite</u>	_____	Lb/gal	<u>0</u> Ft	<u>45</u> Ft
_____	_____	Lb/gal	_____ Ft	_____ Ft

Describe grouting procedure

Power Grout

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16 Inches Length 30 FeetMaterial PVCSlot Size _____ Set From 82 Feet to 112 Feet

Other information _____

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material? _____

Describe packer(s) and location _____

DISINFECTION:

Was well disinfected upon completion?

☒ Yes, How? chlor tabs
☐ No, Why Not? _____
 Lab to which water quality sample sent for analysis _____

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Brown Clay	0	8
Blue/Gray Clay	8	45
Sandy Gray clay	45	65
Blue/green Sand & Gravel	65	112

STATIC WATER LEVEL 14 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: Pumped w/ customer's pump
☐ Bailed
☐ Other

Pumping Level Below Land Surface

32 Ft. After 4 Hrs. pumped 800 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 800 GPM

REMARKS:

This is a replacement well of permit #3364-3.

RECEIVED

JAN 07 2015

WATER RIGHTS
PROGRAMThis well was drilled under license # 763
report is true and accurate.Drilling firm: Salmon Well Co.

Signature of License Representative:

Scott Salmon

Signature of Well Owner or Equitable Property Holder:

Dean BosseDate: 12-1-14