

WATER PERMIT NO. 6404-3

Name of Applicant: **John Sumption**

Address: **10953 390th Ave, Frederick SD 57402-4430**

Phone: **605 329-2453**

Amount of Water Claimed: **4.0** Total Acres: **320**

Source of Water Supply: **groundwater (one well)**

Water to be used for: **irrigation** County: **Brown**

Type of Waste Disposal System:

Location: **6 miles southeast of Frederick**

PRIORITY Date Received: **4-4-2003**

Application/License Fee: **\$375**

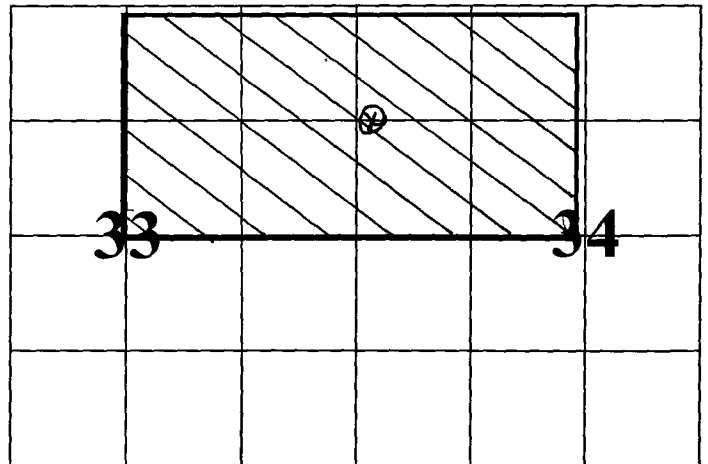
Corrected Application Received: **4-7-2003**

Period of Annual Use: **April 1 – September 30**

Remarks:

Diversion Point: **W ½ NW ¼ Sec 34-T127N-R63W**

Land to be Irrigated: **NE ¼ Sec 33 and NW ¼ Sec 34; all in T127N-R63W**



Depth of Well: **90 feet**

Well Driller: :

Remarks:

Type of Map: **aerial**

Prepared by: **David J Rosenberry, NRCS**

Reviewed and the Number Assigned on: **4-7-2003**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 6404-3**

Date of first receipt of application April 4, 2003.

Date of return to applicant for corrections, amendments or changes April 4, 2003.

Date of receipt of corrected application April 7, 2003.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6404-3 to John Sumption, 10953 390th Ave Frederick SD 57441 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6404-3 appropriates 4.0 cubic feet of water per second from one well (Elm:Northern Brown Aquifer) 90 feet deep located in the W ½ NW ¼ Section 34 to irrigate 320 acres located in the NE ¼ Section 33 and NW ¼ Section 34; all in T127N-R63W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – September 30.
3. The date from which applicant may claim right is April 4, 2003.
4. The date of approval of Permit No. 6404-3 is May 27, 2003.
5. One-fifth of the construction is to be completed on or before November 27, 2005.
6. All construction is to be completed on or before May 27, 2008.
7. Water is to be put to beneficial use on or before May 27, 2012.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6404-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: Garland Erbele

Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 13 2003

date



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6404-3</u> (office use only)
	Hydrologic Unit <u>10160003</u>
	Basin <u>James River</u>
	Newspaper <u>American News</u> <u>Aberdeen</u>

RECEIVED
APR - 4 2003
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: X 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 of Applicant John Sumption Phone 605-329-2453
(check one) Owner Tenant/lessee
Mailing Address 10953 390th Ave. Frederick State SD 57441
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 4.0 *CFS or 1800 **GPM ***AF Total Acreage 320
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
1 well in the NW 1/4 of Section 34-127-63
W 1/2 County Brown
- County or counties where water will be used Brown
- Annual period during which water is to be used April - September 30
- 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
NE 1/4	40	NE 1/4	40
NW 1/4 All in NE 1/4 of	40	NW 1/4 All in NW 1/4 of	40
SE 1/4 Sec. 33-127-63	40	SE 1/4 Sec. 34-127-63	40
SW 1/4	40	SW 1/4	40

- Give a description of the project. (Attach sheet if more space is needed)
Two center pivot irrigation systems, each system will irrigate one quarter section

STATE OF SOUTH DAKOTA) SS

County of Brown

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

I, John Sumption, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature John Sumption

Subscribed and sworn to before me this 3rd day of April 20 03

JODI HILLESTAD

SEAL NOTARY PUBLIC SEAL
SOUTH DAKOTA

Jodi Hillestad
Notary Public signature
My Commission Expires 02-27-2008

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 24 inch Depth 90 feet
- b) Casing Type Plastic Diameter 15 inch Thickness 1/2 inch
- c) Screen Type Stainless Steel Diameter 15 inch Thickness _____
- d) Gravel Pack Medium Length of Gravel Pack 60 feet
- e) Depth to Top of Water Bearing Material 30 feet
- f) Depth to Water (ground surface to water level) 30 feet
- g) Distance to nearest existing domestic well: The information above is from our well in operation. We propose the same.
On applicants property 1500 feet On property owned by others 3900 feet

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 _____

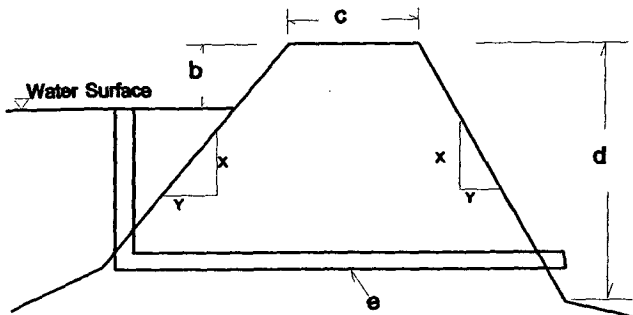
3. Dugout Information

- 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 _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

127-63

4 470.5

T-3976

CRP
98-12

7.2
5

3 120.0

Daniel Roseberry

NC

CRP
98-12

4 7.0

NC

T-3939

H-7

NE 1/4 of 33

NHEW
1 98.5

T-4058

33

NHEW
1 60.0

T-3977

NC

NC

T-3974

NC

NC

T-3975

127-63

55.0

NHEW
15.0

NHEW
1 50.0

6404-3

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP



SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 NW 1/4 Sec 34 Twp 127 Rg 43

County

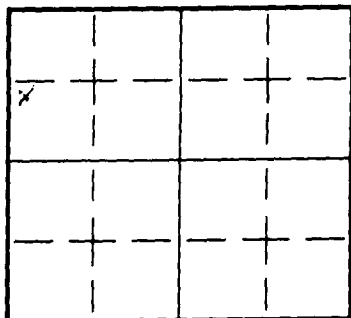
Brown

North

Please mark well location with an "X"

W

E



Well Completion Date

Brown

Well Owner: John Sumption

Business Name:

Address: Frederick, S. D.

WELL LOG:

DEPTH

FORMATION	FROM	TO
Topsoil		
Br. clay	3	10
Coarse Br. sand	10	20
Fine Br. sand	20	26
Clay,	26	39
Silt	39	49
Mostly Med. sand w/ some	49	
Coarser layers		91
Very fine to fine gr. sand	91	116
Gr clay	116	120

LOCATION:

Distance from 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:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information _____

STATIC WATER LEVEL

_____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

John Sumption
Signature of Well Owner or Equitable Property Holder:

Date: _____

WAS A PACKER OR SEAL USED? ☐ YES ☐ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

X YES, How: Drilled w/

NO, Why Not? Chlorinated

Water

Laboratory sent to for water quality analysis

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 NE 1/4 Sec 33 Twp 127 Rg 63

County

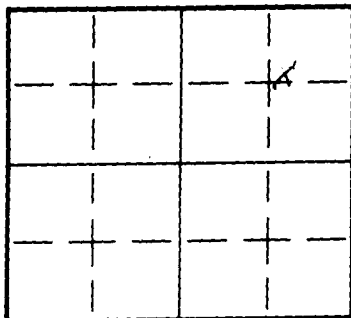
Brown

North

Please mark well location with an "X"

W

E



Well Completion Date

4-9-03

Well Owner: John Sumption

Business Name:

Address: Frederick, S. D.

WELL LOG:

Topsoil FORMATION	DEPTH	
	FROM	TO
Sand	3	4
Br. clay	4	Med. 12
Med br. sand and some gravels	12	34
Clay	34	38
Silt	38	50
Med-some coarse sand	50	60
Med-some fine gr. sand	60	65
Very fine sand	65	80
Fine gr sand (good)	80	105

LOCATION:

Distance from 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:

ASTARYCASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

STATIC WATER LEVEL Med. Gr sand, some coarse Feet
105-110

If flowing: closed in pressure _____ PSI

GPM flow _____ through Gr. clay 110-115 inch pipeControlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS

434 PROGRAM

This well was drilled under license # _____

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucetich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

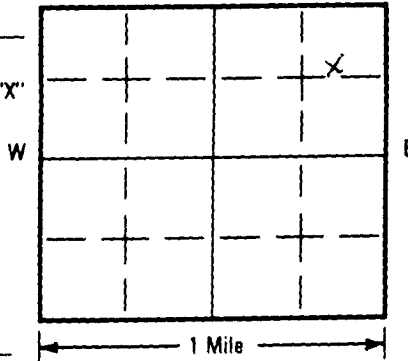
07-92

Location NE 1/4 NE 1/4 Sec 38 Twp 127 Rg 43

County _____

North

Please mark well location with an "X"



Well Completion Date

4.03

LOCATION:

Distance from 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:

Rotary

CASING DATA:

- ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft.	_____ ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure _____

SCREEN:

☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

3

DEPTH

Topsoil FORMATION	FROM 0	TO 2
Br. clay	2	12
Coarse Br. sand & Gravel	12	34
Clay	34	36
Very fine sand	36	42
Clay	42	47
Very fine gr. sand	47	70
Fine-Med. gr. sand	70	92
Gr. clay	92	100

STATIC WATER LEVEL

Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped

Describe: _____

☐ Bailed

☐ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Pugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucetich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 NE 1/4 Sec 33 Twp 127 Rg 63

County

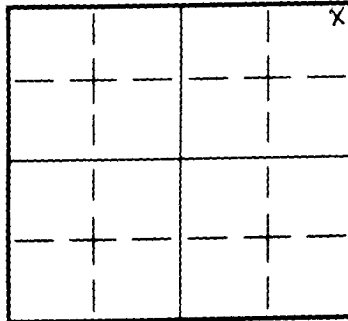
Brown

North

Please mark well location with an "X"

W

E



Well Completion Date

4-03

1 Mile

LOCATION:

Distance from 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:

Rotary

CASING DATA:

- ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft.	_____ ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Frédrick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
topsoil		2
Br. clay	2	13
sand & Gravel, coarse	13	29
Clay	29	38
Gr. sand Very fine	38	47
Clay	47	50
Mostly Med. some fine sand	50	60
Med. gr. sand (loose)	60	76
Very fine sand	76	99
Clay	99	100

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

- ☐ Pumped Describe: _____
☐ Bailed _____
☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wacetic

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

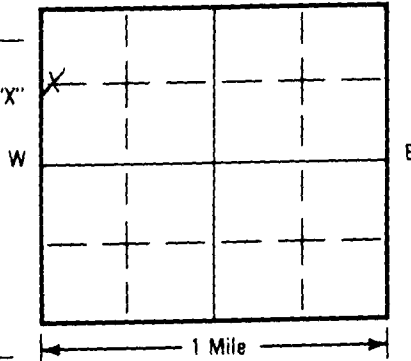
SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NW 1/4 NW 1/4 Sec 34 Twp 127 Rg 63

County Brown

Please mark well location with an "X"



Well Completion Date

4-03

LOCATION:

Distance from 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:

Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

Topsoil FORMATION	DEPTH	
	FROM	TO
Br. sand	2	4
Br. clay	4	12
Br. sand and gravel	12	32
Clay	33	38
Fine to very fine gr. sand	38	57
Med. sand, some coarser	57	70
Fine sand, some very fine	70	80
Fine to med. sand	80	97
Med, to some coarse sand	97	111
Clay	111	120

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

This well was drilled under license # 434 WATER RIGHTS PROGRAM

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: Joe Wuestch

Signature of Well Owner or Equitable Property Holder: John Sumption

Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

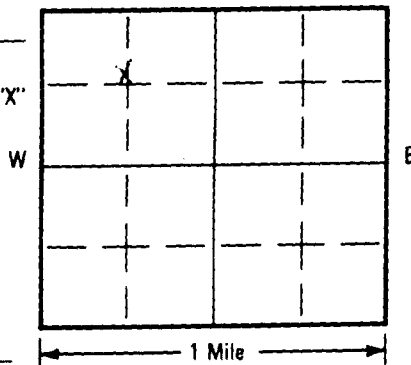
07-92

Location NW 1/4 NW 34 Twp 127 Rg 63

County Brown

North

Please mark well location with an "X"
See enclosed map



Well Completion Date

4-03

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

topsoil FORMATION

DEPTH

	FROM 0	TO 2
Br. sand	2	4
Clay	4	34
Fine to med. sand	34	57
Med. to coarse sand	57	70
Med. sand, some fine	70	80
Med-Coarse sand	80	90
Very fine sand	90	100
Clay	100	110

LOCATION:

Distance from 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:

Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

STATIC WATER LEVEL

_____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucetich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

5-5-03

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 NW 1/4 Sec 54 Twp 127 Rg 43

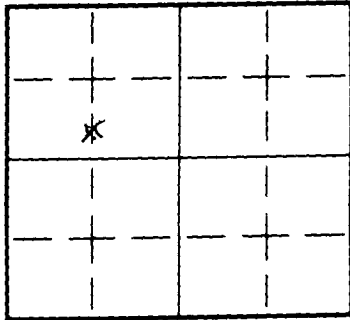
County Brown

North

Please mark well location with an "X"
See enclosed map

W

E



Well Completion Date

4-03

1 Mile

LOCATION:

Distance from 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:

Rotary

CASING DATA:

- ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM 0	TO 2
Topsoil	0	2
Coarse Br. sand & gravel	2	10
Br. clay	10	23
Fine Br. sand	23	33
Clay	33	50
Fine Gr. sand	50	60
Fine Gr.-Some Med.	60	73
Coarse sand and gravel	73	80
Fine sand	80	98
Med-coarse sand	98	105

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Med. sand 105---118
Clay 118---120

Plugged w Grout

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucstich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

SOUTH DAKOTA WATER WELL COMPLETION REPORT

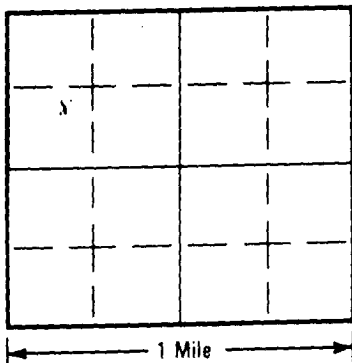
07-92

Location SW 1/4 NW 1/4 Sec 37 Twp 127 Rg 63

County Brown

Please mark well location with an "X"
See enclosed map

Well Completion Date



LOCATION:

Distance from 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:

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft.	_____ ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Topsoil	0	2
Br. clay	2	37
Very fine Gr. sand	37	43
Coarse sand-Gravel-V-Good	43	48 1/2
Fine Gr. sand	48 1/2	54
Med-some coarse sand	54	66
Fine Gr. sand	66	82
fine Gr. sand to Med.	82	102
Very fine to fine sand	102	113
Med- some coarse sand	113	120

STATIC WATER LEVEL

_____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

120-125 Gr. Clay

Runned w Grout

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucetich

Signature of Well Owner or Equitable Property Holder:

John Sumption

Date: _____

5-5-03

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location JW 1/4 SW 1/4 Sec 27 Twp 127 Rg 63

County

Brown

North

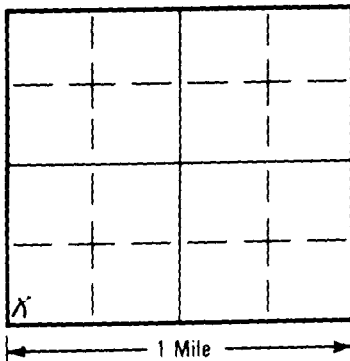
Please mark well location with an "X"
See enclosed map

W

E

Well Completion Date

4-03

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

Topsoil FORMATION

(9)

DEPTH

	FROM 0	TO 2
Br. Clay	2	24
Br. coarse sand-Gravel	24	36
Clay	36	40
Fine Gr. sand	40	60
Fine-Med. sand	60	90
Med.-Some coarse sand	90	98
Gr. clay	98	100

LOCATION:

Distance from 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:

RotaryCASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Mcetich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

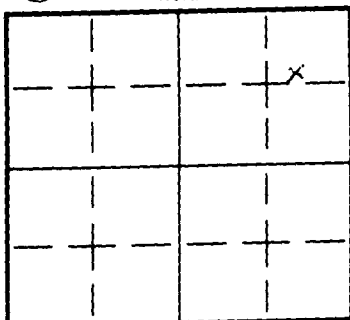
Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 NE 1/4 Sec 127 Twp 127 Rg 63
 County Brown
 North

Please mark well location with an "X"
 See enclosed map



Well Completion Date

4-03

Well Owner: John Sumption

Business Name:

Address: Fredrick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Topsoil		
Br. clay	2	15
Br. sand, Med-Coarse	15	20
Gr. clay	20	37
Very fine sand	37	40
Fine-Very fine sand	40	45
Med-Coarse sand (loose)	45	65
Very fine-fine sand	65	74
Med-Coarse sand	74	84
Clay	84	100

LOCATION:

Distance from 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:

E-Rotary

CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

STATIC WATER LEVEL

_____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

This well was drilled under license # 434

WATER RIGHTS PROGRAM

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucetich

Signature of Well Owner or Equitable Property Holder:

John Sumption

Date: _____

5-5-03

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

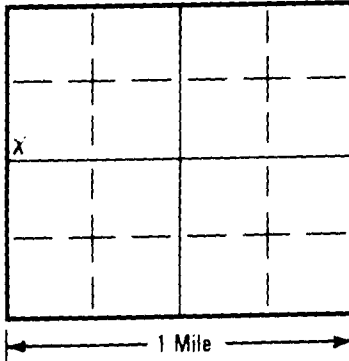
Location SW 1/4 NW 1/4 Sec 34 Twp 127 Rg 63

County Brown

Please mark well location with an "X"
See enclosed map

Well Completion Date

4-05



Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Topsoil		2
Br. clay	2	8
Br. sand-rocks	8	20
Clay-rocks	20	39
Med-Fine sand	39	80
Med-Fine sand	80	91
Coarse Sand-Gravel	91	98
Sand, ???	98	110

LOCATION:

Distance from 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:

F. Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

STATIC WATER LEVEL

_____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucetich

Signature of Well Owner or Equitable Property Holder: _____

Date: _____

5-5-03

SOUTH DAKOTA WATER WELL COMPLETION REPORT

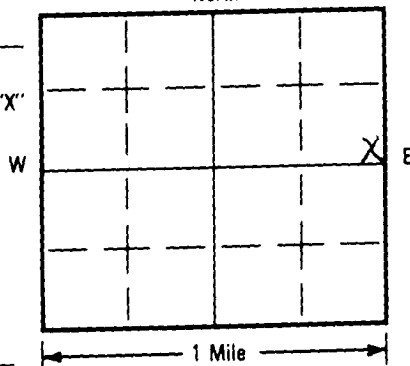
07-92

Location S2 1/4 NE 1/4 Sec 33 Twp 127 Rg 63

County Brown

North

Please mark well location with an "X"



Well Completion Date

4-03

LOCATION:

Distance from 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:

F. Rotary

CASING DATA:

- ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft.	_____ ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure _____

SCREEN:

- ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, N D.

WELL LOG:

FORMATION	DEPTH	
	FROM 0	TO 2
Topsoil		
Br. clay	2	12
Gravel-rocks	12	16
Fine-Med Br. sand	16	25
Gr. Clay (Rocks 30-33)	25	43
Very fine-Fine Gr. sand	43	61
Fine-Med. some coarse	61	65
Very fine-some med. sand	65	70
Med-Coarse sand	70	80
Gr, Clay		

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Rugged w Grout

RECEIVED

APR 28 2003

This well was drilled under license # 434

WATER RIGHTS PROGRAM

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wudetich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 34 Twp 127 Rg 63

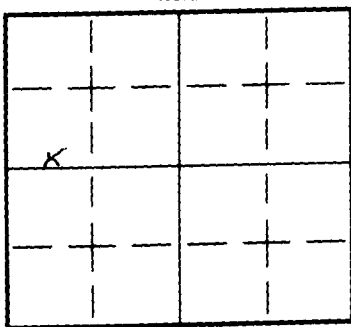
County Brown

Please mark well location with an "X"

See enclosed map W

Well Completion Date

4-03



LOCATION:

Distance from 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:

Rotary

CASING DATA:

- ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft.	_____ ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure _____

SCREEN:

- ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM 0	TO 2
Topsoil	2	12
Clay	12	20
Med-Coarse sand W/ clay	20	38
Gr. Clay	38	50
Silt	50	55
Med-Some coarse sand	55	69
Med.-coarse sand, some Gravel	69	75
Very fine silty sand	75	80
Med. Gr. sand	80	110
Fine-Med sand		

STATIC WATER LEVEL

_____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Fine Gr. sand ✓ 110---125
 Fine-Med sand 125---130
 Med to coarse, some fine 130 139
 Gravel 139 145
 Clay

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wusatch

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

RECEIVED

APR 28 2003

WATER RIGHTS PROGRAM

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

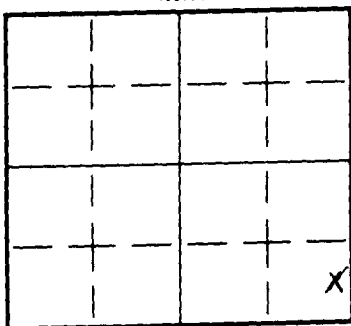
Location SE 1/4 SE 1/4 Sec 28 Twp 127 Rg 63

County

Brown

North

Please mark well location with an "X"
See enclosed map



Well Completion Date

4-03

LOCATION:

Distance from 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:

F. Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ 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: _____

_____ NO, Why Not? _____

Laboratory sent to for water
quality analysis _____

Well Owner: John Sumption

Business Name: _____

Address: Fredrick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM 0	TO 2
Topsoil		
Br clay and gravel	2	30
Gr. clay	30	40
Med. gr. sand	40	42
Coarse sand-Gravel	42	50
Clay	50	53
Fine-Med. Gr. sand	53	80
Med. coarse sand	80	96
Gr. clay	96	100

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Plugged w Grout

RECEIVED

APR 28 2003

WATER RIGHTS
PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Kucetich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: _____

5-5-03

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

127-63

NHEHW
5 85.5

T-3993

H-7

(2) (1)

(6)

(5)

(8)

(7)

NHEHW
530 (19)

34

T-11005

T-11006

1 549

127-63

T-11003

1 9.5

71.6
1

MAP NOT TO SCALE

THIS IS NOT AN OFFICIAL WETLAND MAP

127-65

14 470.5

T-3976

CRP
98-12

7.2
5

T-3939

H-7

3

10

2

NHEW
1 98.5

3 120.0

T-4058

33

NHEW
1 100.0

NC

CRP
98-12
47.0

NC

T-3977

T-3974

T-3975

NC

NC

NC

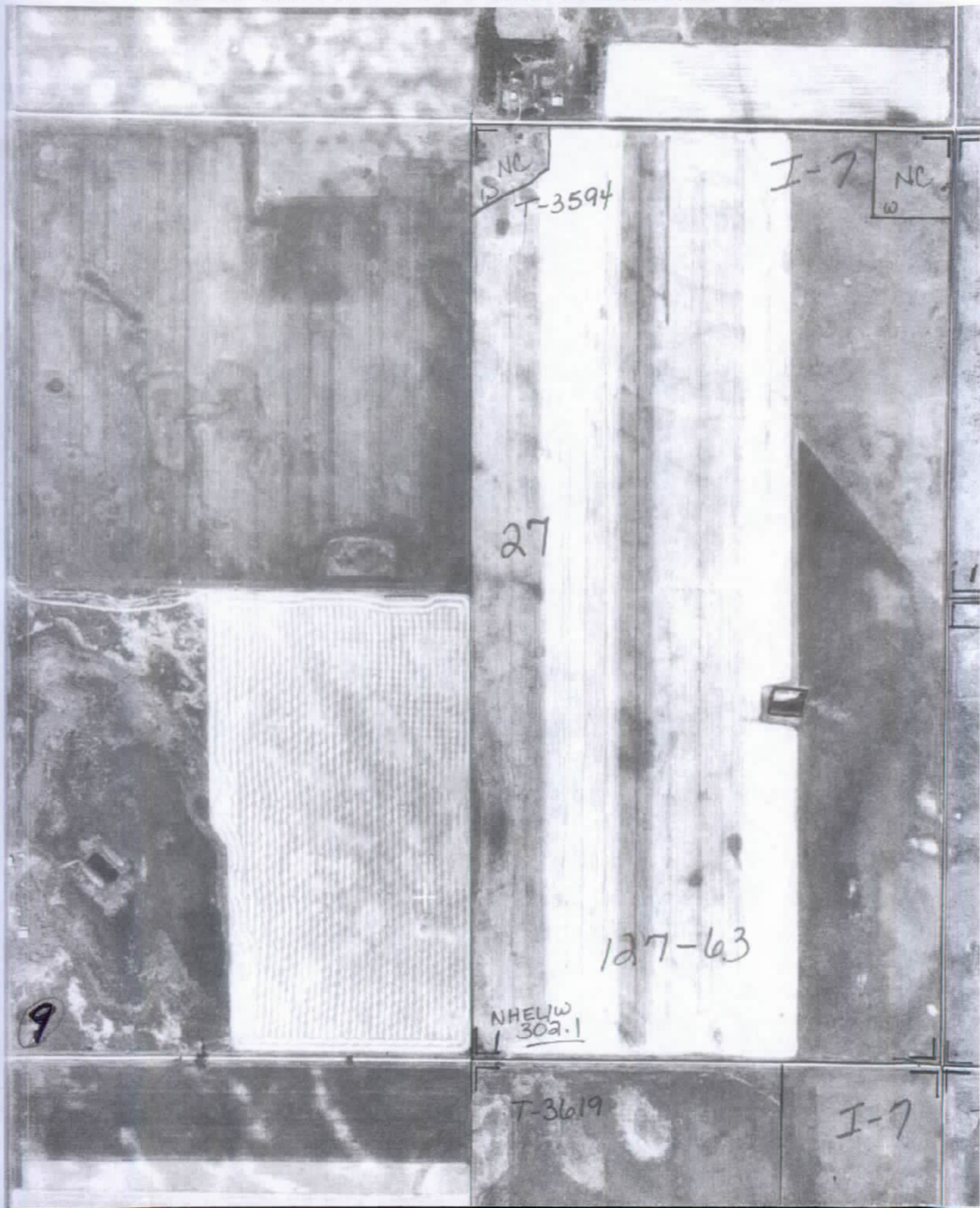
127-63

NHEW
15.0

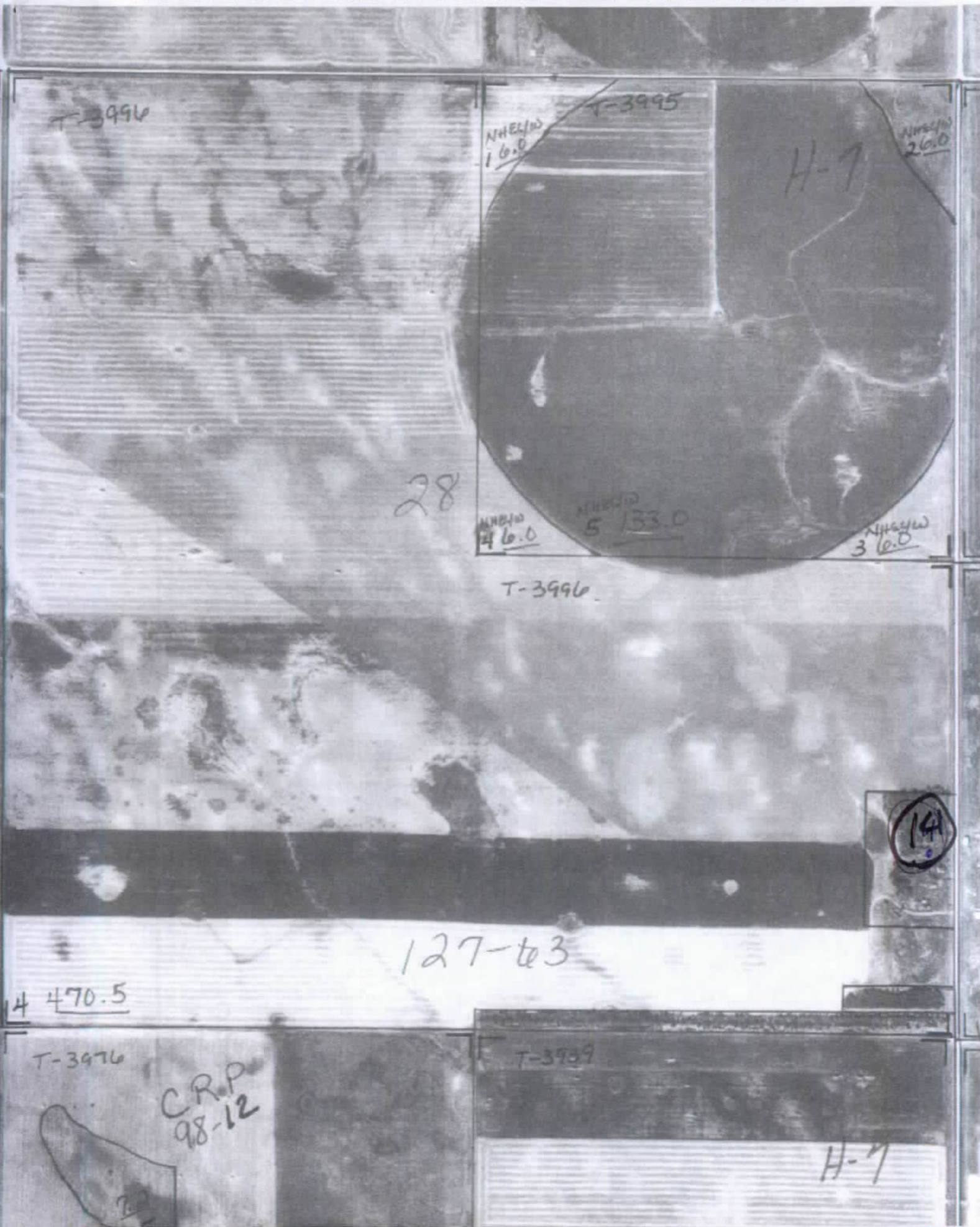
NHEW
1 50.0

55.0

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP



MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

April 4, 2003

John Sumption
10953 390th Ave
Frederick SD 57441

Dear Mr. Sumption:

Thank you for submitting the *Application for a Permit to Appropriate Water for Irrigation*.
Enclosed is the \$550 check submitted with the application. The application/license filing fee for the proposed irrigation of 320 acres will be \$375.

Upon receipt of the fee, further processing of your application will continue. If you have any questions, please contact me.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
605 773-3352

enclosure

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date April 7, 20 03

RECEIVED OF John Sumption, 10953 390th Ave., Frederick SD 57441

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

Fee for Application for Permit No. <u>6404-3</u> to Appropriate Water, to construct and to put water to beneficial use	325	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>6404-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	375.00

No.

000715

By

Darland Ebel
Chief Engineer *gme*

REPORT ON WATER PERMIT NO. 6404-3
For John Sumption
April 22, 2003

Application No. 6404-3 proposes to appropriate 4.0 cfs (1800 gpm) from one well approximately 90 feet deep located in the W $\frac{1}{2}$ NW $\frac{1}{4}$ of section 34 to irrigate 320 acres located in the NE $\frac{1}{4}$ of section 33 and the NW $\frac{1}{4}$ of section 34; all in T127N R63W in Brown County.

AQUIFER – ELM NORTHERN BROWN (E-NB)

The Elm Northern Brown is an outwash (sand and gravel) which can be buried and under artesian conditions, buried under water table conditions or a surficial aquifer under water table conditions. Ground water movement is from northwest to southeast across this area (Koch, 1976). Even where buried the aquifer is only under slight artesian conditions. The aquifer underlies 187,200 acres and contains an estimated 702,000 acre-feet of recoverable water in storage in Brown County (Hedges, 1982). The aquifer extends to the south where it is called the Elm Southern Brown and to the north into North Dakota.

No test wells logs are provided with this application. Based upon data from the county study, the digital simulation model (Emmons, 1990), and observation well, domestic well and irrigation well logs, there is sufficient information available to evaluate this application. The applicant will still need to drill test wells to evaluate the aquifer potential at this site.

The Water Rights Program monitors two observation wells within a two and one-half mile radius of this application. Observation well BN-82I is located about two miles south and one mile west of this application and observation well BN-82J is located about one mile north of this application. Water levels for these two wells show good response to climatic conditions, that is, rising water levels during wet periods (recharge) and gradually declining water levels during dry periods. There appears to a slight effect of pumping on BN-82J which is located very near an irrigation well. The water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2003).

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are two existing water right Nos. 4340-3 and 5738-3 located about one mile south and one mile north of this application respectively. Interference is not a concern. Drawdown created by pumping does not appear to be significant. This is shown by the observation well hydrographs.

CONCLUSIONS

1. Water is available from the Elm Northern Brown aquifer.

2. It appears the aquifer will be under water table conditions in this area. Drawdown created by pumping will not be significant. This is shown by data from existing observation wells and pumping by area irrigation wells. Interference is not expected to be a concern.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. It is unlikely that a production well will yield 4.0 cfs. It is far more likely that in order to maintain a diversion rate of 4.0 cfs there will need to be at least two production wells.


for James A Goodman
Natural Resources Engineer

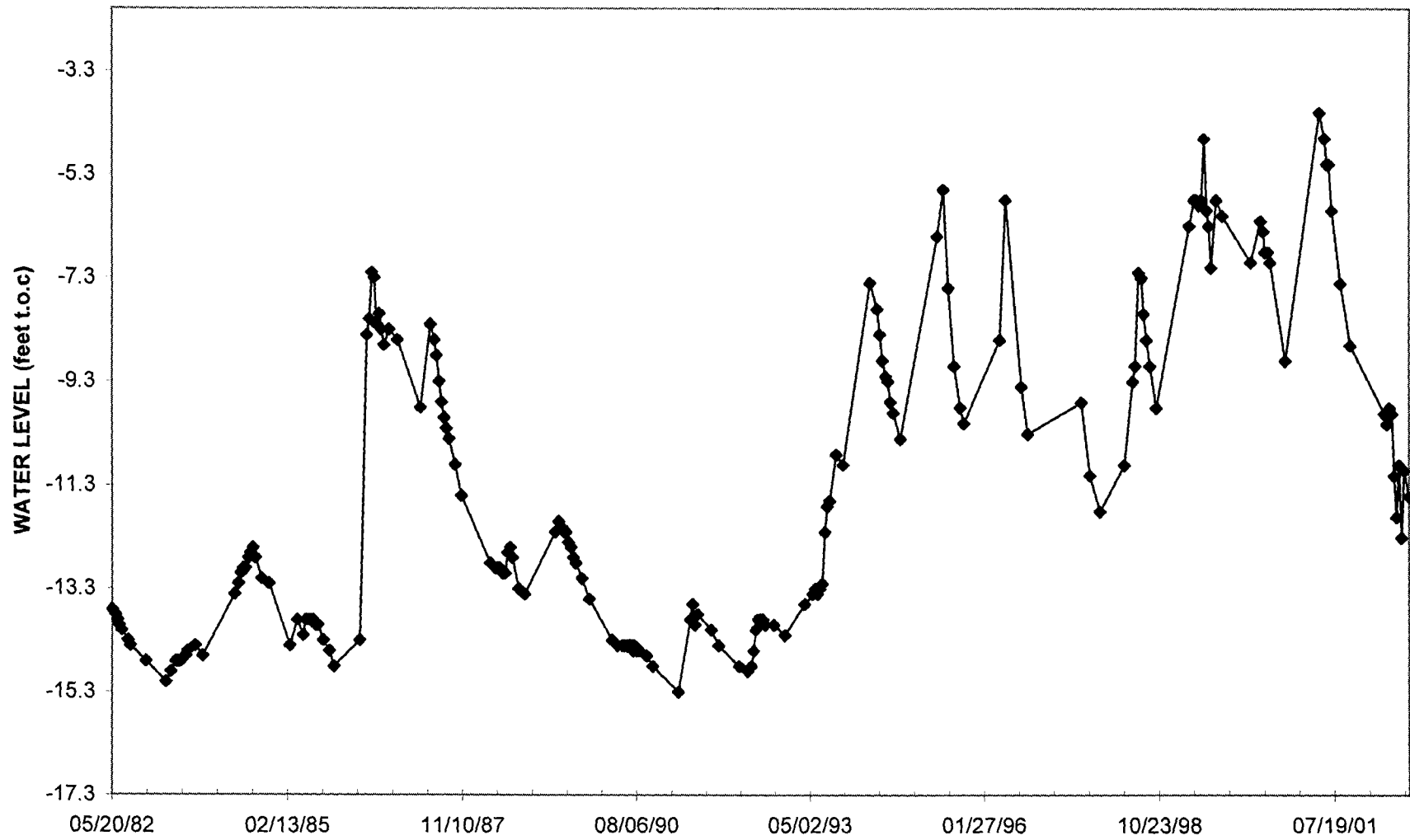
BIBLIOGRAPHY

Emmons, P.J., 1990, A Digital Simulation of the Glacial-Aquifer System in the Northern Three-Fourths of Brown County, South Dakota, Water-Resources Investigations Report 88-4198, USGS, Huron, SD, 57350.

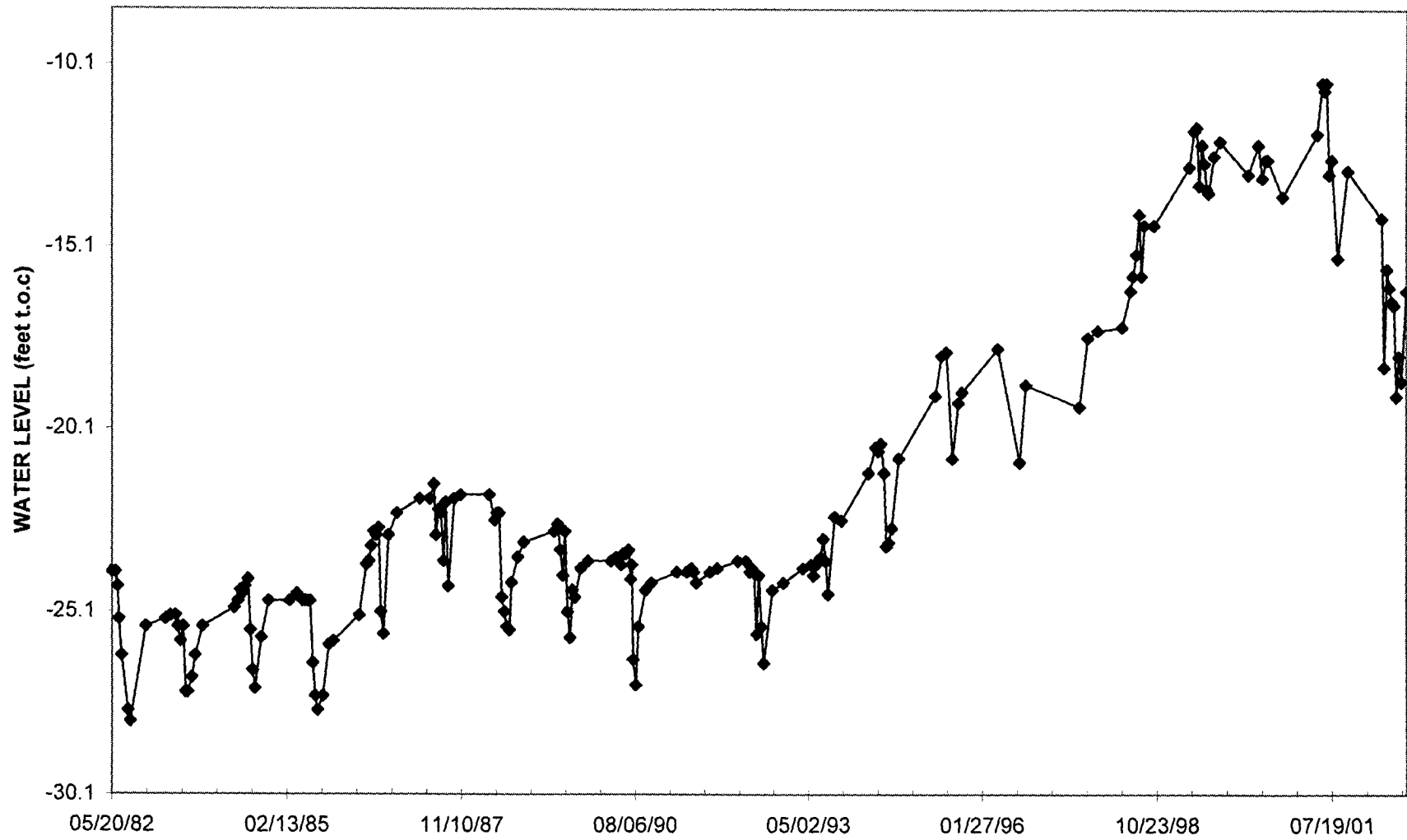
Koch, N.C., W. Bradford, 1976, Geology and Water Resources of Brown County, South Dakota, Bulletin 25, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2003, Unpublished Observation Well Data for Brown County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
BN-82I**



**WATER RIGHTS' OBSERVATION WELL
BN-82J**





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6404-3, John Sumption**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6404-3, John Sumption, 10953 390th Avenue, Frederick SD 57441.

The Chief Engineer is recommending APPROVAL of Application No. 6404-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6404-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
May 2, 2003

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA}

§

COUNTY OF BROWN}

Alice Lentz being duly sworn, on his/her oath says: That the AMERICAN NEWS is a daily newspaper of general circulation, printed and published in Aberdeen, Brown County, South Dakota, by the Aberdeen News Company, a corporation, and has been such a newspaper during the times hereinafter mentioned; That affiant is an employee and principal clerk of said publisher and has personal knowledge of all facts stated in this affidavit; That the advertisement headed:

Notice of Application
Legal # 938631

a printed copy of which is hereunto attached, was printed and published in the regular and entire issue of said newspaper, and not in a supplement thereof, once each

Week for 2 successive Weeks
The first publication being made on the 8 day of May
The second publication being made on the 15 day of May
The third publication being made on the _____ day of _____
The fourth publication being made on the _____ day of _____
The fifth publication being made on the _____ day of _____
The sixth publication being made on the _____ day of _____

That said newspaper is a legal newspaper published five days or more each week; with a bona fide circulation of more than two hundred copies daily; published in the English language within the said county of Brown for more than one year prior to the first publication of said notice; and printed in whole in an office maintained at the place of publication of said newspaper; That the whole amount of the fee paid for the publication of the annexed notice is \$ 70.20, which insures solely to the benefit of said publisher; That no agreement or understanding for a division thereof had been made with any other person; and That no part thereof has been agreed to be paid to any person whomsoever.

Alice Lentz

Subscribed and sworn to before me this 15 day of May, 2003.

Daily Circulation 18,000

Don Valfrank

Notary Public, Brown County, SD.

My commission expires March 20, 2007

(No. 938631 - May 8, 15 - 27)
NOTICE OF APPLICATION NO. 6404-3
to Appropriate Water

Notice is given that John Sumption, 10953 390th Ave, Frederick, SD 57441 has filed an application for a water permit to appropriate 4.0 cubic feet of water per second from one well (Elm: Northern Brown Aquifer) 90 feet deep located in the W1/2NW1/4 Section 34 to irrigate 320 acres located in the NE1/4 Section 33 and NW 1/4 Section 34; all in T127N-R63W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6404-3

1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by May 27, 2003.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application.

Steven M. Pimer, Secretary, Department of Environmental and Natural Resources.

SEAL

RECEIVED

MAY 19 2003

WATER RIGHTS
PROGRAM



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.**

May 2, 2003

John Sumption
10953 390th Avenue
Frederick SD 57441

Dear Mr. Sumption:

Water Permit Application No. 6404-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the American News printed at Aberdeen, SD (Ph # 605-225-4100). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

May 2, 2003

Aberdeen American News
PO Box 4430
Aberdeen SD 57402-4430

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6404-3 to Appropriate Water to be published twice. Please publish the first notice on May 8, 2003 with the second publication 7 days later.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is John Sumption, 10953 390th Avenue, Frederick SD 57441 (Ph # 605-329-2453).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, please send us an affidavit or use the enclosed Proof of Publication form. The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

CUT HERE

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. 6404-3

Date _____

We are in receipt of your letter of May 2, 2003 enclosing Notice of Hearing to Appropriate Water by Application No. 6405-3 which was first published in our May 8th issue of the American News. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name _____

Newspaper _____

Instruction to Newspaper - Publish first Notice on May 8, 2003 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6404-3 to Appropriate Water

Notice is given that John Sumption, 10953 390th Ave, Frederick SD 57441 has filed an application for a water permit to appropriate 4.0 cubic feet of water per second from one well (Elm:Northern Brown Aquifer) 90 feet deep located in the W ½ NW ¼ Section 34 to irrigate 320 acres located in the NE ¼ Section 33 and NW ¼ Section 34; all in T127N-R63W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6404-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by May 27, 2003.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUN 13 2003

John Sumption
10953 390th Ave
Frederick SD 57441

Dear Mr. Johnson:

Enclosed is Water Permit No. 6404-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

September 2, 2004

John Sumption
10935 390th Ave
Frederick SD 57441

Dear Mr. Sumption:

I am writing regarding your request for an additional diversion point under Water Permit No. 6404-3. Water Permit No. 6404-3 appropriates 4.0 cubic feet of water per second (cfs) from one well (Elm:Northern Brown Aquifer) 90 feet deep to irrigate 320 acres.

You have requested an additional diversion point located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 34-T127N-R63W. It is our understanding the additional well is necessary to bring production capabilities to the permitted amount. The request is not for any additional appropriation of water or increase in the number of acres irrigated.

Upon review of the request and pursuant to 46-5-13.1, you are authorized an additional diversion point to Water Permit No. 6404-3 without application or publication of a notice of hearing pursuant to SDCL 46-2A-4. A copy of the report prepared on your request is enclosed.

If you have any questions, please contact Eric Gronlund at 605 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
605 773-3352

enclosure

**DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
WATER RIGHTS PROGRAM**

September 1, 2004

RE: Request for additional diversion point for Water Permit No. 6404-3, John Sumption

John Sumption has submitted a request for an additional diversion point for Water Permit No. 6404-3. SDCL 46-5-13.1 provides that a point of diversion may be changed or additional points of diversion may be approved without application or publication of a notice of hearing if the new point of diversion is from the same source of water, no additional water is appropriated and the chief engineer makes a finding that the change does not increase the potential for interference with existing diversions.

Water Permit No. 6404-3 appropriates 4.0 cubic feet of water per second (cfs) from one well (Elm:Northern Brown Aquifer) 90 feet deep to irrigate 320 acres. The point of diversion is located in the W ½ NW ¼ Section 34 and the irrigated lands are located in the NE ¼ Section 33 and NW ¼ Section 34; all in T127N-R63W.

Mr. Sumption indicates one well did not provide an adequate volume to irrigate. It was necessary to drill an additional well. The second well was drilled in the SW ¼ NW ¼ Section 34-T127N-R63W. The two wells are 118 and 120 feet deep.

A review of existing diversion in the surrounding sections of this water permit was conducted based on Water Right Program records. While there are a number of domestic wells in area, only three domestic well logs are constructed into the Elm Northern Brown Aquifer. Most of the domestic wells are approximately 1000 feet deep wells drilled in the early to mid 1900's. It is assumed that these were flowing wells and the status of the wells is unknown. A review of water rights found 2 water right/permit in the search area that are not held by Mr. Sumption. These two water rights are located approximately one miles south of Permit No. 6404-3. They are Water Right No. 4390-3, Dennis Christianson and Water Permit No. 6459-3, Ross Ulmer

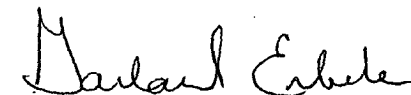
The Report on Water Permit No. 6404-3 prepared by Jim Goodman stated in Conclusion No. 4 "It is unlikely that a production well will yield 4.0 cfs. It is far more likely that in order to maintain a diversion rate of 4.0 cfs there will need to be a least two production wells." Mr. Sumption's request verifies that conclusion. There have been no complaints on water availability in this area.

The request by Mr. Sumption for an additional well proposes no additional appropriation of water. It is not anticipated that domestic uses or existing prior water rights will be adversely impacted by authorizing this additional diversion point.



Eric Gronlund
Water Rights Program

The Chief Engineer makes a finding that this additional diversion point does not increase the potential for interference with existing diversions. In making the finding, "does not increase the potential for interference" is interpreted to mean potential for adverse interference. The additional diversion point for Water Permit No. 6404-3 is authorized without requiring application or publication of a notice of hearing pursuant to SDCL 46-2A-4. This approval does not authorize an increase in the 4.0 cfs diversion rate or irrigated acres authorized by Water Permit No. 6404-3.



Garland Erbele Chief Engineer
Water Rights Program

August 16, 2004

Eric Gronlund
Department of Environment & Natural Resources
523 East Capitol
Pierre, SD 57501-3182

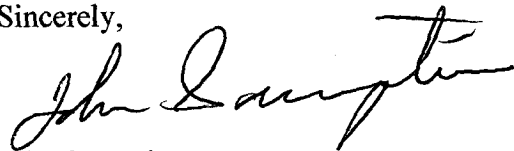
RECEIVED
AUG 18 2004
WATER RIGHTS
PROGRAM

Dear Mr. Gronlund:

I am righting in response to your letter on my Water Permit No. 6403 located in Brown County. In drilling the well in the NW ¼ of Section of 34 it was necessary to drill an additional well to get an adequate volume of water to irrigate. Please make this additional well a part of my permit.

The maps enclosed have the locations of both wells marked. If you should have any questions or need additional information, you may reach me at 605-329-2453. Thank you for your assistance.

Sincerely,



John Sumption
10953 390th Ave.
Frederick, SD 57441

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

127-63

NHFW
5 85.5

T-3993

Proposed
X Well

NW 1/4 of 34

H-7

X - well

NHFW well
1 1530 2

34

Daniel J. Rosenberg

T-11005

T-11006

1 549

127-63

T-11003

1 9.5

71.6
1

6404-3

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

127-65





August 4, 2004

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

John Sumption
10953 390th Ave
Frederick SD 57441

Dear Mr. Sumption:

I am writing regarding well completion reports filed by M & W Drilling for wells drilled June 15th. A review of our files indicate that you hold Water Permit No. 6404-3 for 4.0 cubic feet per second (1800 gallons per minute) from one well (Elm:Northern Brown Aquifer) located in the W ½ NW ¼ Section 34 to irrigate 320 acres located in the NE ¼ Section 33 and NW ¼ Section 34; all in T127N-R63W. In a phone conversation with Eric Gronlund, your wife indicated you did not get the production anticipated from one well so you drilled an additional well.

South Dakota Codified Law 46-5-13.1 provides that a point of diversion may be changed or additional points of diversion may be approved without application or publication of a notice of hearing if the additional point of diversion is from the same source of water, no additional water is appropriated and the Chief Engineer makes a finding that the change does not increase the potential for interference with existing diversions.

The reports indicate an 800 gallons per minute pump was installed in each well; therefore, no additional water is being appropriated. Please send a letter requesting authorization of the additional well for Water Permit No. 6404-3 and mark the location of both wells on the enclosed map. A self addressed stamped envelope is enclosed for your convenience.

If you have any questions, please contact Eric Gronlund or me. We will be happy to assist you in any way possible.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
605 773-3352

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

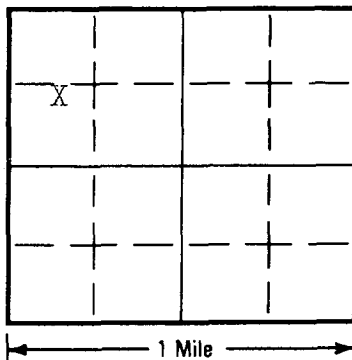
Location SW 1/4 NW 1/4 Sec 34 Twp 127 Rg 63
 County Brown North

Please mark well location with an "X"

Wells are 800' W
 Apart

Well Completion Date

6-15-04



Well Owner: John Sumption
 Business Name: Richland Farms Inc.
 Address: Frederick, S. D.

WELL LOG:

Topsoil FORMATION	DEPTH	
	FROM	TO
Coarse sand & gravel	2	10
Br. clay	10	23
Br. sand-Fine	23	33
Clay	33	53
bFine sand	53	60
Fine sand-some med.	60	73
coarse sand & gravel	73	80
Med-to mostly fine sand	80	98
Med-some coarse sand	98	118

LOCATION:

Distance from 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:

Forward rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe 12" SDR-21

PIPEWEIGHT DIAMETER 12" FROM +1.50 78 HOLE DIAMETER
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN

GROUTING DATA

Grout Type Bent. No. of Sacks 23 Grout Weight _____ lb./gal From 78 ft To 20 ft
 _____ lb./gal _____ ft _____ ft

Describe grouting procedure Pressure grouted from 76'
W/ bentonite-cement from 20' to top

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter 12" PS IN Length 40 FEET

Material PVC SDR-21

Slot Size 51 Set From 118 Feet to 78 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?

X YES, How: Drilled w/
chlorinated
Fluid
 NO, Why Not? _____

Laboratory sent to for water
 quality analysis _____

STATIC WATER LEVEL 25.1 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: Pumped W/ 220 GPM

☐ Bailed submersible

☐ Other _____

Pumping Level Below Land Surface

34.2 ft. After 4 Hrs. pumped 220 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS Installed 800 GPM pump w/ 50
HP motor

RECEIVED

JUL 2 2004

WATER RIGHTS
 PROGRAM

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M & W Drilling

Signature of License Representative: _____

Joe Wucetich

Signature of Well Owner or Equitable Property Holder: _____

John Sumption

Date: 6-20-04

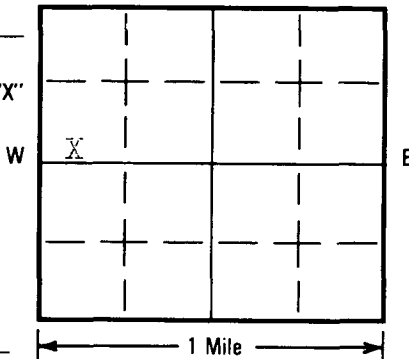
7-6-04

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 34 Twp 127 Rg 63
 County Brown

Please mark well location with an "X"



Well Completion Date

6-15-04

LOCATION:

Distance from 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:

Forward Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe SLR-21

PIPEWEIGHT _____ DIAMETER 12" FROM +1.5 TO 80' HOLE DIAMETER 17"
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN

GROUTING DATA

Grout Type Bent. No. of Sacks 22 Grout Weight _____ lb./gal From 20 ft. To 78 ft.
 _____ lb./gal _____ ft. _____ ft.

Describe grouting procedure Pressure grouted
cerent from 20 to surface

SCREEN:

☐ Perforated pipe ☐ Manufactured
 Diameter 12" PS IN Length 40 FEET
 Material PVC
 Slot Size 51 Set From 80 Feet to 120 Feet
 Other information _____

WAS A PACKER OR SEAL USED?

☐ YES ☒ NO

If so, what material? _____

DISINFECTION:

Laboratory sent to for water quality analysis

Was well disinfected upon completion? Drilled w/ Chlorinated fluid
X YES, How: _____
 _____ NO, Why Not? _____

Well Owner: John Sumption

Business Name: Richland Farms Inc.

Address: Frederick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top soil	0	2
Br. clay	2	8
Br. sand-rocks	8	20
Clay-rocks	20	39
Med-Fine sand	39	91
Coarse sand-some gravels	91	98
Med-to fine sand	98	120

STATIC WATER LEVEL 23.6 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: Pumped using 220 GPM
☐ Bailed Submersible
☐ Other _____

Pumping Level Below Land Surface

35.8 ft. After 3 Hrs. pumped 220 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS Installed 800 GPM submersible pump w/ 50 HP motor

This well was drilled under license # 434

And this report is true and accurate.

Drilling firm M. G. W. Drilling

Signature of License Representative:

Joe Mucetich

Signature of Well Owner or Equitable Property Holder:

John Sumption

Date: 6-30-04

RECEIVED

JUL - 2 2004

WATER RIGHTS PROGRAM

7-6-04

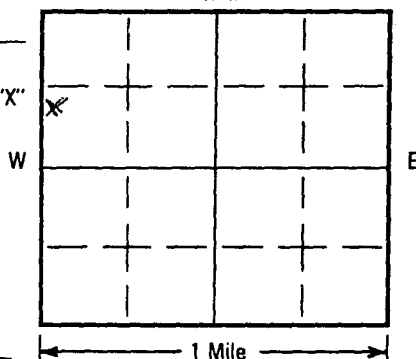
6404-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW NW 34 127 63
 County Brown North

Please mark well location with an "X"



Well Completion Date

7-24-07

LOCATION:

Distance from 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:

Forward Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe SDR-26

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	<u>8</u> IN	<u>720</u> FT	<u>81</u> FT	<u>12 3/4</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>13 20'</u>	<u>11</u>	_____ lb./gal	_____ ft.	_____ ft.
		_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure Pressure GroutSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 8" IN Length 27' FEETMaterial PVC SDR 01 21Slot Size 052 Set From 81 Feet to 96 FeetOther information Buckshot pack
080 96- 111 Pea PackWAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material?

Describe packer(s) and location?

DISINFECTION: Was well disinfected upon completion?

☒ YES, How:Chlorinated

Laboratory sent to for water quality analysis

☒ NO, Why Not?Well Owner: Richland Farms (John Sumption)

Business Name:

Address: Frederick, S. D.

WELL LOG:

DEPTH

FORMATION	DEPTH	
	FROM	TO
Br. Clay	2	13
Gravelly clay	13	38
Very fine Gr. sand	38	53
Med. sand, some coarser	53	70
Gr. sand, fine	70	80
Fine-Med gr. sand	80	97
Med-Coarse gr. sand	97	111

STATIC WATER LEVEL 22.1 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: _____
☐ Bailed _____
☐ Other _____

Pumping Level Below Land Surface

33.4 ft. After 3 Hrs. pumped 236 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS Spec. 20.88

RECEIVED

APR 26 2010

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate:

Drilling firm M & W Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

John Sumption

Date:

Permit No. 6404-3
James River - Water District

Report of Examination of Works and/or Application of Water to Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, **May 28, 2008**, made a thorough examination of the water use system constructed by **John Sumption** of **10953 390th Ave., Fredrick, SD 57462** holder of Permit No. **6404-3**, bearing the priority of **April 4, 2003** authorizing the diversion of **4.0** cu. ft. per second of the waters of the **Elm:Northern Brown Aquifer** for **Irrigation** purposes, in **Brown** County.

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: **M&W Drilling**
- 2) No. of Wells **3**
- 3) Depth(s) **North Well: 118 feet, South Well: 120 feet, West Well: 111 feet**
- 4) Well log is available **Y**

Casing:

- 1) Diameter **North and South Wells: 12 inches, West Well: 8 inch**
- 2) Length **North Well: 78 feet, South Well: 80 feet, West Well: 81 feet**
- 3) Type **Plastic**

Screen:

- 1) Type **PVC**
- 2) Length **North Well: 40 feet, South Well: 40 feet, West Well: 27 feet**
- 3) Static water level **North Well: 25 feet, South Well: 23 feet, West Well: 22 feet**

Pump:

- 1) Make **(3) Goulds, South Well: 10RJLC6, North and West Wells: 7CLC**
- 2) Size **South Well: 60 hp, North and West Wells: 30 hp**
- 3) Capacity **South Well: 800 gpm, North and West Wells: 400 gpm**

B. Works used to apply water to beneficial use:

Center pivot:

- 1) Make **Reinke**
- 2) Number of towers **Section 33: 7 Tower, Section 34: 8 Tower**
- 3) End gun **Y**

- 4) High or low pressure Low

Chemigation Equipment:

- 1) Does chemigate N

C. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 3) Exceptions to compliance are: None

The system is in Good condition with the point(s) of diversion located as follows:

North Well: Approximately 1585 feet south and 610 feet east of the NW corner of Section 34-T127N-R63W (N 45.77335, W -98.41193) (SW ¼ NW ¼)

South Well: Approximately 2460 feet south and 250 feet east of the NW corner of Section 34-T127N-R63W (N 45.77093, W -98.41327) (SW ¼ NW ¼)

West Well: Approximately 1620 feet south and 20 feet east of the NW corner of Section 34-T127N-R63W (N 45.77325, W -98.41426) (SW ¼ NW ¼)

The works are capable of diverting and conveying to the place of use 3.56 cu. ft. per second of water which is to be used for Irrigation. Water has been put to beneficial use to the maximum extent as follows:

Section 33-T127N-R63W

NW ¼ NE ¼ - 36 acres

NE ¼ NE ¼ - 36 acres

SW ¼ NE ¼ - 36 acres

SE ¼ NE ¼ - 36 acres

Section 34-T127N-R63W

NW ¼ NW ¼ - 33.5 acres

NE ¼ NW ¼ - 33.5 acres

SW ¼ NW ¼ - 33.5 acres

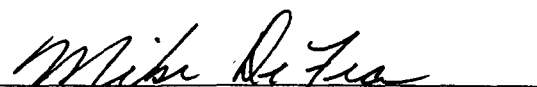
SE ¼ NW ¼ - 33.5 acres

comprising a total of 278 acres of land and the license should be issued for 3.56 cfs.

All structures, wells and lands on map Y

Comments or other permit(s) associated with the project:

Permit No. 6404-3 was originally permitted for 4.0 cfs to irrigate 320 acres from two wells. At the time of the inspection there were two wells used for irrigation capable of producing 3.56 cfs. Since that time, a new well was constructed to the west into the same aquifer because the north well was sucking air. A smaller 0.89 cfs pump was installed in the north well as well as the new well to the west. A map showing the location of the new well was provided by the well driller as well as the well log for the new well.



Mike DeFea

Natural Resources Project Engineer
DENR, Water Rights Program

Date report completed: April 15, 2010

Water Permit No. 6404-3

John Sumption
10953 390th Ave
Fredrick, SD 57402



Mike DeFea

Mike DeFea
Natural Resources Engineer
DENR, Water Rights Program
April 14, 2010

0 650 1,300 2,600 3,900 5,200 Feet



South Dakota
Department of Environment
& Natural Resources
Protecting SD's Tomorrow... Today

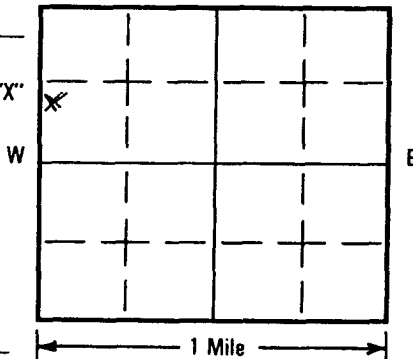
6404-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW NW 34 127 63
 County Brown
 North

Please mark well location with an "X"



Well Completion Date

7-24-07

LOCATION:

Distance from 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:

Forward Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ OtherIf other describe SDR-24

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	<u>8</u> IN	<u>720</u> FT	<u>81</u> FT	<u>12 3/4</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>Best</u>	<u>11</u>	_____ lb./gal	_____ ft.	_____ ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure Pressure Grout

SCREEN: ☐ Perforated pipe ☒ Manufactured
 Diameter 8" IN Length 27' FEET
 Material PVC SDR_01
 Slot Size 052 Set From 81 Feet to 96 Feet
 Other information Buckshot pack
080 96- 111 Pea Pack

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:Chlorinated

Laboratory sent to for water quality analysis

☒ NO, Why Not? _____Well Owner: Richland Farms (John Sumption)

Business Name: _____

Address: Frederick, S. D.

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Br. Clay	2	13
Gravelly clay	13	38
Very fine Gr. sand	38	53
Med. sand, some coarser	53	70
Gr. sand, fine	70	80
Fine-Med gr. sand	80	97
Med-Coarse gr. sand	97	111

STATIC WATER LEVEL 22.1 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: _____
☐ Bailed _____
☐ Other _____

Pumping Level Below Land Surface

33.4 ft. After 3 Hrs. pumped 236 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Spec. 20.88

RECEIVED

APR 26 2010

WATER RIGHTS PROGRAM

This well was drilled under license # 434

And this report is true and accurate:

Drilling firm M & W Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: _____

RECEIVED

APR 26 2010

WATER RIGHTS
PROGRAM

6404-3

NW. 34-127-63 Brown Co.

8" well (Log enclosed)

7 CLC Goulds pump W/ 30 Hp. motor
400 GPM @ 222 TDH X

Pivot

X 12" well. Pump Goulds 7 CHC W/ 30 HP
Motor. 400 GPM @ 222 TDH

X 12' well. Pump Goulds 10 RJLC 2 Stage W/
60 HP motor 800 GPM @ 225 TDH

Approval of Location Change and/or Additional Diversion Point(s)

NAME: John Sumption

ADDRESS: 10953 390th Ave., Frederick, SD 57402

DATE: April 26, 2010

COUNTY: Brown

TELEPHONE: 329-2453

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The water source is the Elm:Northern Brown aquifer which is the same as permitted and no additional water is appropriated. The well driller said the additional well was needed because the north well began to suck air and a smaller pump was installed. The new west well also contains the same size pump which are capable of producing 400 gpm (0.89 cfs). The south well is capable of producing 800 gpm (1.78 cfs).

- **If irrigation, no new land is irrigated**

No new land is being irrigated.

- **Review of Existing Diversions**

The nearest irrigation well is about one-half mile away. Interference is not a concern. These wells have been in use for many years with no apparent problems.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point(s) be licensed as developed.



Mike DeFea, Natural Resources Engineer
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing diversions.



Garland Erbele, Chief Engineer
Water Rights Program



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUL 14 2010

6404-3

John Sumption
10953 390th Ave
Fredrick SD 57441

Dear Mr. Sumption:

Enclosed is Water License No. 6404-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the wells authorized by Water Right No. 6404-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6404-3

(1) John Sumption, 10953 390th Ave, Frederick SD 57441 made Application No. 6404-3, April 4, 2003 for a water permit to divert 4.00 cubic feet of water per second from ground water (one well – Elm Northern Brown Aquifer), Brown County, South Dakota for irrigation purposes. Permit No. 6404-3, with a priority date of April 4, 2003 was approved May 27, 2003 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 27, 2008 and for the application to beneficial use of said water on or before May 27, 2012.

In September, 2004, an additional diversion point was authorized by the Chief Engineer. Since that time, the permit holder added a third well. Pursuant to SDCL 46-5-13.1, additional diversion points may be licensed provided the developed water source is the same as the permitted source, no additional water is appropriated, no additional land is irrigated and the potential for interference with existing diversions is not increased. The Chief Engineer makes a finding pursuant to SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that the additional diversion point does not increase the potential for adverse effects to existing diversions.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 3.56 cubic feet of water per second for beneficial use. The location of the diversion points are:

- North well: 1,585 feet south and 610 feet east of the NW corner of Section 34, T127N, R63W (SW $\frac{1}{4}$ NW $\frac{1}{4}$);
- South well: 2,460 feet south and 250 feet east of the NW corner of Section 34, T127N, R63W (SW $\frac{1}{4}$ NW $\frac{1}{4}$);
- West well: 1,620 feet south and 20 feet east of the NW corner of Section 34, T127N, R63W (SW $\frac{1}{4}$ NW $\frac{1}{4}$).

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

Section 33, T127N, R63W		Section 34, T127N, R63W	
NW $\frac{1}{4}$ NE $\frac{1}{4}$	36 acres	NW $\frac{1}{4}$ NW $\frac{1}{4}$	33.5 acres
NE $\frac{1}{4}$ NE $\frac{1}{4}$	36 acres	NE $\frac{1}{4}$ NW $\frac{1}{4}$	33.5 acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	36 acres	SE $\frac{1}{4}$ NW $\frac{1}{4}$	33.5 acres
SE $\frac{1}{4}$ NE $\frac{1}{4}$	36 acres	SE $\frac{1}{4}$ NW $\frac{1}{4}$	33.5 acres

Total 278 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 John Sumption, 10953 390th Ave, Frederick SD 57441 the holder and/or owner of Water Right No. 6404-3 is issued a license to appropriate water, the right to use 3.56 cubic feet of water per second from ground water – three wells (Elm Northern Brown Aquifer) with a priority date of April 4, 2003 from the locations specified in (2) of this license for irrigation purposes

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6404-3 and subject to the following qualifications:

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

continued

- The wells authorized by No. 6404-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28 (*wells drilled by M & W Drilling – logs on file with the Water Rights Program.*).
- This *Water Right* is approved subject to the irrigation water use questionnaire being submitted each year.



Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUL 14 2010

date



6404-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

January 22, 2021

NOTICE

TO: JOHN R SUMPTION, 10953 390TH AVE, FREDERICK, SD 57441

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2020 Irrigation Questionnaire(s)

Our records indicate your 2020 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5738-3 & 6404-3. The request for the Questionnaire was dated October 23, 2020. The Water Management Board has directed that owners of water permits who have not submitted the 2020 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5738-3 & 6404-3 qualification:

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

The hearing will be held at **Wednesday, March 3, 2021 at 10:00 am (Central Time)** 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) 5738-3 & 6404-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. 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 questionnaire(s) is (are) received in this office before the **March 3, 2021** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://denr.sd.gov/iq> using this password: QIGATO**

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.

6404-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

February 3, 2021

5738-3
6404-3

John R Sumption
10953 390th Ave
Frederick SD 57441

Dear Mr. Sumption:

I am writing to acknowledge receipt of your 2020 irrigation questionnaires.

You may disregard the January 22, 2021, "Notice" concerning reporting requirements for Water Right Nos. 5738-3 and 6404-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Genny McMath".

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 20, 2022

NOTICE

TO: JOHN R SUMPTION, 10953 390TH AVE, FREDERICK, SD 57441

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2021 Irrigation Questionnaire(s)

Our records indicate your 2021 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5738-3 & 6404-3. The request for the Questionnaire was dated October 22, 2021. The Water Management Board has directed that owners of water permits who have not submitted the 2021 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5738-3 & 6404-3 qualification:

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

The hearing will be held at **Wednesday, March 2, 2022 at 9:30 am (Central Time)** 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) 5738-3 & 6404-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. 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 questionnaire(s) is (are) received in this office before the **March 2, 2022** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: FFEWZN**

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.

6404-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

February 1, 2022

5738-3
6404-3

John R Sumption
10953 390th Ave
Frederick SD 57441

Dear Mr. Sumption:

I am writing to acknowledge receipt of your 2021 irrigation questionnaire.

You may disregard the January 20, 2022, "Notice" concerning reporting requirements for Water Right Nos. 5738-3 & 6404-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 20, 2023

NOTICE

TO: JOHN R SUMPTION, 10953 390TH AVE, FREDERICK, SD 57441

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2022 Irrigation Questionnaire(s)

Our records indicate your 2022 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5738-3 & 6404-3. The request for the Questionnaire was dated October 21, 2022. The Water Management Board has directed owners of water permits who have not submitted the 2022 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5738-3 & 6404-3 qualification:

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

The hearing will be held at **Wednesday, March 8, 2023 at 9:30 am (Central Time)** 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) 5738-3 & 6404-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. 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 questionnaire(s) is (are) received in this office before the **March 8, 2023** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: DBKFAD**

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.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 31, 2023

5738-3
6404-3

John R Sumption
10953 390th Ave
Frederick SD 57441

Dear Mr. Sumption:

I am writing to acknowledge receipt of your 2022 irrigation questionnaires.

You may disregard the January 20, 2023, "Notice" concerning reporting requirements for Water Right Nos. 5738-3 & 6404-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us