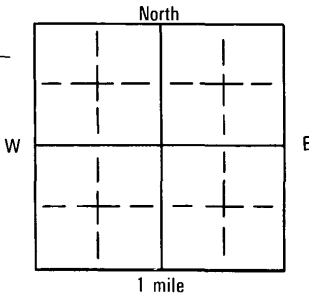


SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63County Brown

Please mark well location with an "X"

Well Completion Date 4-15-91

PROPOSED USE:

- ☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

CASING DATA:

- ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>25</u> FT	<u>8</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 20' FEETWhat is grouting material? cement

If cement, number of sacks? _____

Describe grouting procedure tremie pipe

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 5 IN Length 10 FEETMaterial plastic JohnsonSlot Size 200 Set From 25 Feet To 35 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

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? _____

Was well disinfected upon completion? ☒ YES ☐ NOExplain chlorineBacteriological analysis ☐ YES ☒ NO

Laboratory sent to _____

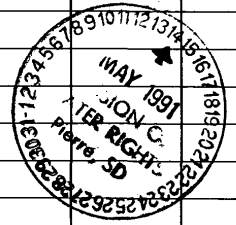
Well Owner:

Name Moccasin Creek Country ClubAddress Aberdeen

Well Log:

Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>clay blue</u>	<u>3</u>	<u>12</u>
<u>clayt sand streak</u>	<u>12</u>	<u>21</u>
<u>sand</u>	<u>21</u>	<u>35</u>
<u>clay</u>	<u>35</u>	<u>40</u>

STATIC WATER LEVEL 14 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☒ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

19 ft. After 40 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 288

And this report is true and accurate.

Drilling firm Olson Well Drilling

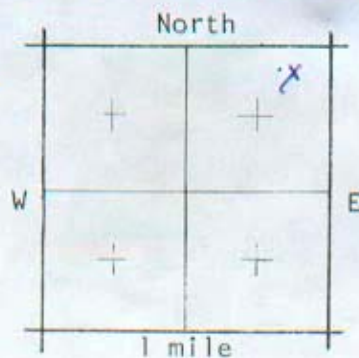
Signature of License Representative:

Roy Olson

Signature of Well Owner:

Date 5-13-916-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 62County
BrownPlease mark well
location with
an "X"

well #3

Well Completion Date 4-15-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 34 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____

Pipe Weight	Diameter	From	To
<u>200</u> lb/ft	<u>5</u> inches	<u>0</u> feet	<u>24</u> feet
_____ lb/ft	_____ inches	_____ feet	_____ feet

Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type John plastic Slot Size .020Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure tremie pipeTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No

If so how and with what material? _____

Well Owner:

Name Moccasin Creek Country ClubAddress Aberdeen

Well Log:

Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>brown clay</u>	<u>3</u>	<u>10</u>
<u>blue clay</u>	<u>10</u>	<u>13</u>
<u>brown sand</u>	<u>13</u>	<u>20</u>
<u>sand</u>	<u>20</u>	<u>34</u>
<u>clay</u>	<u>34</u>	<u>40</u>

STATIC WATER LEVEL 14

If flowing: closed in pressure

GPM flow _____ through _____ pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

19 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Olson Well Drilling
Drilling FirmRoy Olson
Signed by5-13-91
Date6-14-91

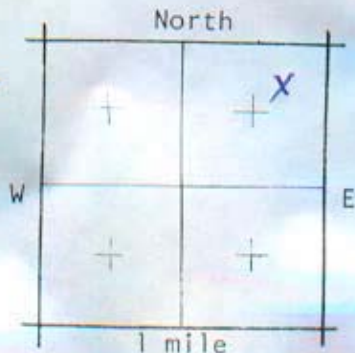
STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63

County
Brown

Please mark well location with an "X"

well #4



Well Completion Date 4-16-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 35 feet

Casing: ☐ Steel ☒ Plastic ☐ Other
Specify _____

Pipe Weight Diameter From To
200 lb/ft 5 inches 0 feet 25 feet
_____ lb/ft _____ inches _____ feet _____ feet

Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type John plastic Slot Size .020

Length 10 Diameter 5

Was Casing left open end? ☐ Yes ☒ No

Was a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ No

Was well grouted? ☒ Yes ☐ No

Describe grouting procedure tremie pipe

To what depth? 20 Feet

What was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No

If so how and with what material? _____

Well Owner:

Name Moccasin Creek Country Club

Address Aberdeen

Well Log:

Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>clay</u>	<u>3</u>	<u>12</u>
<u>brown sand</u>	<u>12</u>	<u>15</u>
<u>clay</u>	<u>15</u>	<u>21</u>
<u>sand</u>	<u>21</u>	<u>35</u>
<u>clay</u>	<u>35</u>	<u>40</u>



STATIC WATER LEVEL 14

If flowing: closed in pressure _____
GPM flow _____ through _____ pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped

☒ Bailed Describe: _____

☐ Other _____

Pumping Level Below Land Surface

17 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Olson Well Drilling
Drilling Firm

Roy Olson
Signed by

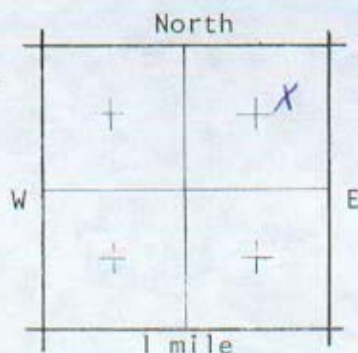
5-13-91
Date

6-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63County Brown

Please mark well location with an "X"

well # 5Well Completion Date 4-16-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 34 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 5 inches From 0 feet To 24 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size .020Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure lean mixTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

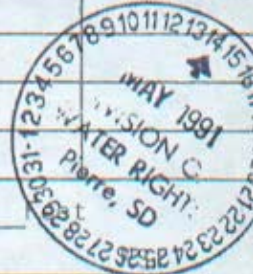
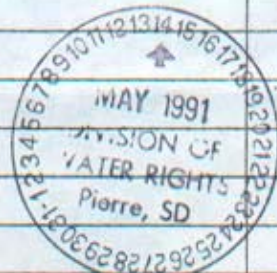
 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No
 If so how and with what material? _____

Well Owner:

Name Moccasin Creek Country ClubAddress Abbeville

Well Log: Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>clay</u>	<u>3</u>	<u>11</u>
<u>brown sand</u>	<u>11</u>	<u>14</u>
<u>clay</u>	<u>14</u>	<u>16</u>
<u>sand</u>	<u>16</u>	<u>34</u>
<u>clay</u>	<u>34</u>	<u>40</u>

STATIC WATER LEVEL 14

If flowing: closed in pressure _____

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

15 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Drilling Firm Alan Well DrillingSigned by Ray OlsonDate 5-13-916-14-91

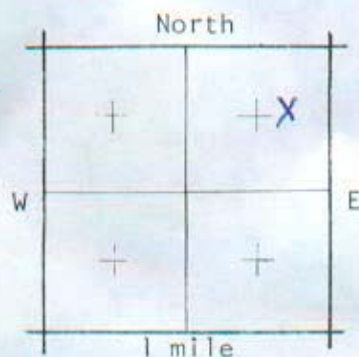
STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63

County

Brown

Please mark well location with an "X"

well # 7Well Completion Date 4-17-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 37 feetCasing: ☐ Steel ☒ Plastic ☐ Other

Specify _____

 Pipe Weight Diameter From To
200 lb/ft 5 inches 0 feet 27 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type John plastic Slot Size -020Length 10 Diameter 5Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure tremie pipeTo what depth? 20 FeetWhat was grouting material? Cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No
 If so how and with what material? _____

Well Owner:

Name Moccasin Creek Country ClubAddress Aberdeen

Well Log:

Depth

Formation

From

To

topsoil03clay315sand1537blues clay3740STATIC WATER LEVEL 14 feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

2 1/4 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Drilling Firm Olson Well DrillingSigned by Ray OlsonDate 5-13-916-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location NE 1/4 Sec 33 Twp 124 Rg 13

County

Brown

North

W

E

1 mile

Please mark well location with an "X"

well # 8

Well Completion Date 4-17-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 31 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 5 inches From 0 feet To 21 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size 0.20Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure tremie pipeTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No
 If so how and with what material? _____

Well Owner:

Name Moccasin Creek County ClubAddress Abandon

Well Log:

Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>clay</u>	<u>3</u>	<u>5</u>
<u>sand brown</u>	<u>5</u>	<u>8</u>
<u>clay</u>	<u>8</u>	<u>12</u>
<u>sand fine poor</u>	<u>12</u>	<u>18</u>
<u>sand fine poor</u>	<u>18</u>	<u>31</u>
<u>clay</u>	<u>31</u>	<u>33</u>
<u>rock</u>	<u>33</u>	
<u>clay</u>	<u>33</u>	<u>40</u>

STATIC WATER LEVEL 13 1/2 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☐ Pumped☐ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

19 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks: _____

This well was drilled under license # 288

and this report is true and accurate.

Chas Well Drill
 Drilling Firm

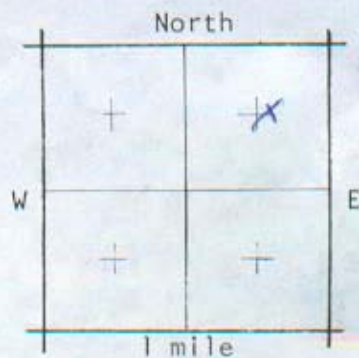
Roy Olson
 Signed by

5-13-91
 Date
6-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63County Brown

Please mark well location with an "X"

well # 9Well Completion Date 4-17-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 34 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 5 inches From 0 feet To 24 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johna plastic Slot Size .020Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure premix groutTo what depth? 20 FeetWhat was grouting material? Cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No
 If so how and with what material? _____

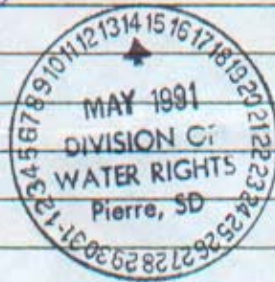
Well Owner:

Name Moccasin Creek Country ClubAddress Rhender

Well Log:

Depth

Formation	From	To
<u>typical</u>	<u>0</u>	<u>3</u>
<u>yellow clay</u>	<u>3</u>	<u>12</u>
<u>blue clay</u>	<u>12</u>	<u>14</u>
<u>ss</u>	<u>14</u>	<u>34</u>
<u>clay</u>	<u>34</u>	<u>40</u>

STATIC WATER LEVEL 14 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☐ Pumped☐ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

16 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Alan Well Drilling Ray Olson
 Drilling Firm Signed by

5-13-91
 Date
6-14-91

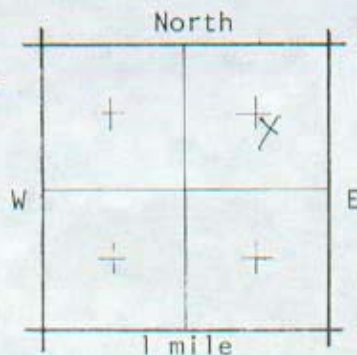
STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63

County

Brown

Please mark well location with an "X"

Well # 10Well Completion Date 4-18-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 36 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight Diameter From To
200 lb/ft 5 inches 0 feet 26 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plaster Slot Size .020Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure Remix grTo what depth? 20 FeetWhat was grouting material? Cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
 If so how and with what material? _____

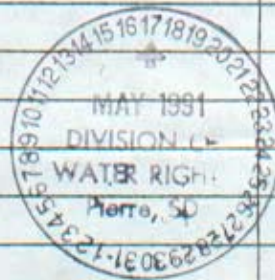
Well Owner:

Name Moccasin Creek County ClubAddress Blenden

Well Log:

Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>yellow clay</u>	<u>3</u>	<u>12</u>
<u>blue clay</u>	<u>12</u>	<u>18</u>
<u>sand</u>	<u>18</u>	<u>35</u>
<u>clay</u>	<u>35</u>	<u>38</u>
<u>with</u>	<u>38</u>	

STATIC WATER LEVEL 14 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

16 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Don Well
 Drilling Firm

Roy Olson
 Signed by

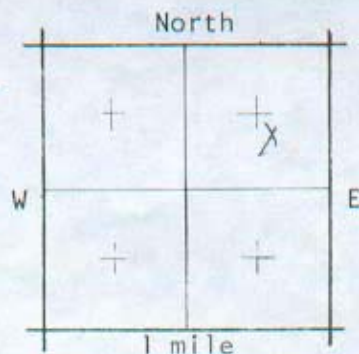
5-14-91
 Date
6-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location NE 1/4 Sec 33 Twp 124 Rg 63County Brown

Please mark well location with an "X"

well #11

Well Completion Date 4-18-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 32 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 8.5 inches From 0 feet To 22 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size .020Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure to min 3'To what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
 If so how and with what material? _____

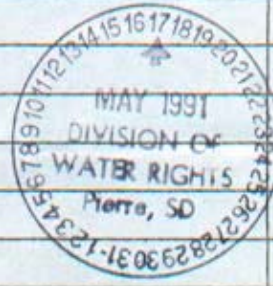
Well Owner:

Name Moccasin Creek County ClubAddress Aberdeen

Well Log:

Depth

Formation	From	To
<u>top soil</u>	<u>0</u>	<u>3</u>
<u>yellow clay</u>	<u>3</u>	<u>10</u>
<u>brown soil</u>	<u>10</u>	<u>14</u>
<u>clay</u>	<u>14</u>	<u>18</u>
<u>sand</u>	<u>18</u>	<u>32</u>
<u>clay</u>	<u>32</u>	<u>40</u>

STATIC WATER LEVEL 10 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

71 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

 This well was drilled under license # 258
 and this report is true and accurate.

Chris Well Drilling
 Drilling Firm

Ray Allen
 Signed by

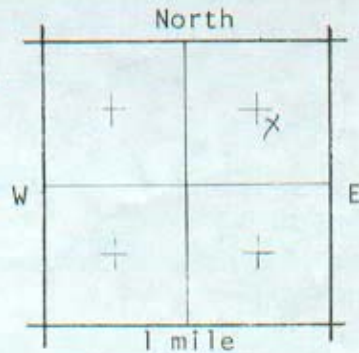
6-14-91
 Date
6-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location NE 1/4 Sec 33 Twp 124 Rg 62County Brown

Please mark well location with an "X"

well #12

Well Completion Date 4-18-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 32 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 8 inches From 0 feet To 22 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size #20Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure tremie pipeTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No
 If so how and with what material? _____

Well Owner:

Name Moccasin Creek County ClubAddress Aberdeen

Well Log: Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>clay loam</u>	<u>3</u>	<u>12</u>
<u>sandy clay</u>	<u>12</u>	<u>16</u>
<u>sand</u>	<u>16</u>	<u>32</u>
<u>rock</u>	<u>32</u>	<u>33</u>
<u>clay</u>	<u>33</u>	<u>40</u>

STATIC WATER LEVEL 10 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☐ Pumped☐ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

11 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

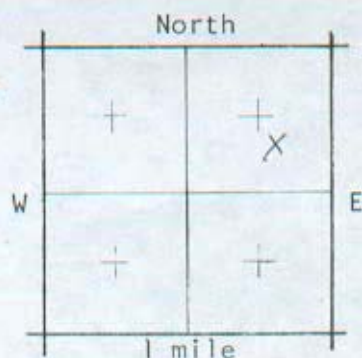
and this report is true and accurate.

Drilling Firm Man Well DrillingSigned by Ray OlsonDate 5-14-916-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location NE 1/4 Sec 33 Twp 124 Rg 63County Brown

Please mark well location with an "X"

13th wellWell Completion Date 4-19-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 35 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 5 inches From 0 feet To 25 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type flexon plastic Slot Size .020Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure benite pgsTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
 If so how and with what material? _____

Well Owner:

Name Moccasin Creek County ClubAddress Blenden

Well Log:

Depth

Formation

From

To

topsoil03grey clay317sand1735clay3536sandy clay3637clay3740STATIC WATER LEVEL 12 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

13 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

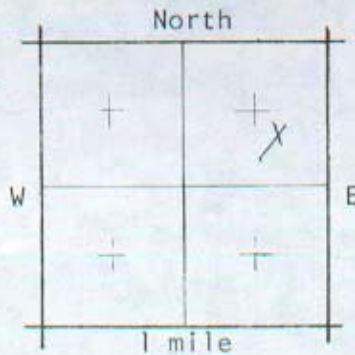
and this report is true and accurate.

Drilling Firm Olson Well DrillingSigned by Ray OlsonDate 5-14-916-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 Sec 33 Twp 24 Rg 63County Brown

Please mark well location with an "X"

well # 14Well Completion Date 4-1991

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 32 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 5 inches From 0 feet To 22 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size 0.020Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure cement groutTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
 If so how and with what material? _____

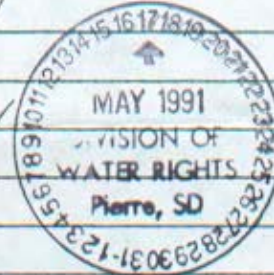
Well Owner:

Name Moccasin Creek County ClubAddress Alberden

Well Log:

Depth

Formation	From	To
<u>Topsoil</u>	<u>0</u>	<u>3</u>
<u>yellow clay</u>	<u>3</u>	<u>10</u>
<u>sand</u>	<u>10</u>	<u>13</u>
<u>clay</u>	<u>13</u>	<u>15</u>
<u>sand</u>	<u>15</u>	<u>18</u>
<u>clay</u>	<u>18</u>	<u>21</u>
<u>sand</u>	<u>21</u>	<u>31</u>
<u>clay</u>	<u>31</u>	<u>40</u>

STATIC WATER LEVEL 12 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

14 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

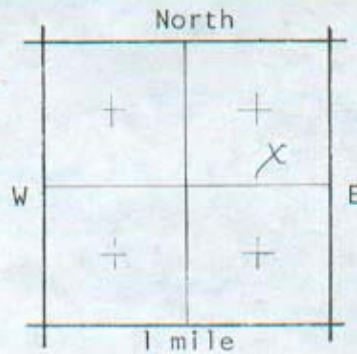
Remarks:

 This well was drilled under license # 288
 and this report is true and accurate.
Drilling Firm Clear Well DrillingSigned by Ray AllenDate 5-14-916-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63County Brown

Please mark well location with an "X"

well # 15Well Completion Date 4-20-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 33 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight Diameter From To
200 lb/ft 5 inches 0 feet 23 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size 0.020
Length 10' Diameter 5"Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure tremie pipeTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
 If so how and with what material? _____

Well Owner:

Name Moccasin Creek Country ClubAddress Alberde

Well Log:

Depth

Formation	From	To
<u>loess</u>	<u>0</u>	<u>3</u>
<u>sandy yellow clay</u>	<u>3</u>	<u>15</u>
<u>sand</u>	<u>15</u>	<u>18</u>
<u>blue clay</u>	<u>18</u>	<u>19</u>
<u>sand</u>	<u>19</u>	<u>33</u>
<u>clay</u>	<u>33</u>	<u>40</u>

STATIC WATER LEVEL 13 1/2 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

15 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Drilling Firm Don Well DrillingSigned by Ray AllenDate 5-14-916-14-91

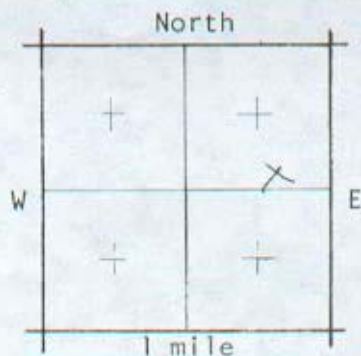
STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 Sec 33 Twp 124 Rg 63

County Brown

Please mark well location with an "X"

17th well



Well Completion Date 4-21-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 34 feet

Casing: ☐ Steel ☒ Plastic ☐ Other
Specify _____

Pipe Weight Diameter From To
200 lb/ft 5 inches 0 feet 24 feet
_____ lb/ft _____ inches _____ feet _____ feet

Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size 0.02

Length 10' Diameter 5"

Was Casing left open end? ☐ Yes ☒ No

Was a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ No

Was well grouted? ☒ Yes ☐ No

Describe grouting procedure triple pack

To what depth? 20 Feet

What was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
If so how and with what material? _____

Well Owner:

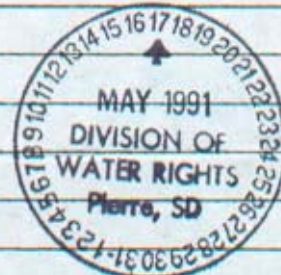
Name Morrison Creek County Club

Address Aberdeen

Well Log:

Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>clay</u>	<u>3</u>	<u>18</u>
<u>sand</u>	<u>18</u>	<u>34</u>
<u>clay</u>	<u>34</u>	<u>40</u>



STATIC WATER LEVEL 14 1/2 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped

☒ Bailed Describe: _____

☐ Other _____

Pumping Level Below Land Surface

17 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Olson Well Drilling
Drilling Firm

Ray Olson
Signed by

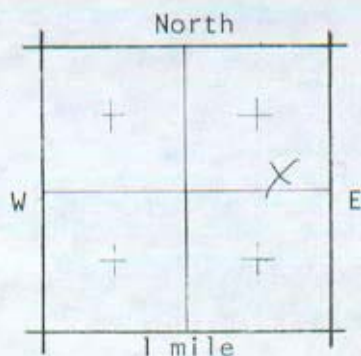
5-14-91
Date

6-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63County Brown

Please mark well location with an "X"

18th wellWell Completion Date 4-27-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 34 feetCasing: ☐ Steel ☒ Plastic ☐ Other
Specify _____
 Pipe Weight 200 lb/ft Diameter 5 inches From 0 feet To 24 feet
 _____ lb/ft _____ inches _____ feet _____ feet
Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type phosphor plastic Slot Size 0.020Length 10' Diameter 5'Was Casing left open end? ☐ Yes ☒ NoWas a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure tremie pipeTo what depth? 20 FeetWhat was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

 WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
 If so how and with what material? _____

Well Owner:

Name Moicasin Creek County ClubAddress Abbeville

Well Log: Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>yellow sandy clay</u>	<u>3</u>	<u>15</u>
<u>sand</u>	<u>15</u>	<u>17</u>
<u>blue clay</u>	<u>17</u>	<u>19</u>
<u>sand</u>	<u>19</u>	<u>34</u>
<u>clay</u>	<u>34</u>	<u>40</u>

STATIC WATER LEVEL 14 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped☒ Bailed Describe: _____☐ Other _____

Pumping Level Below Land Surface

15 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

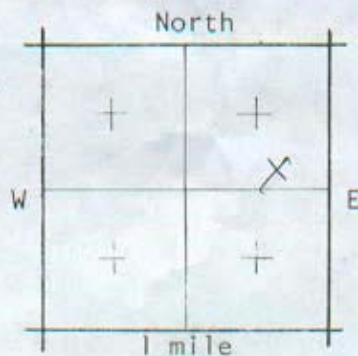
Remarks:

 This well was drilled under license # 288
 and this report is true and accurate.
Drilling Firm Olga Well DrillingSigned by Ray OlsonDate 5-14-916-14-91

STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 NE 1/4 Sec 33 Twp 124 Rg 63

County Brown



Please mark well location with an "X"

20th well

Well Completion Date 4-24-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 39 feet

Casing: ☐ Steel ☒ Plastic ☐ Other
Specify _____

Pipe Weight Diameter From To
200 lb/ft 8 inches 0 feet 29 feet
_____ lb/ft _____ inches _____ feet _____ feet

Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size .020
Length 10' Diameter 5"

Was Casing left open end? ☐ Yes ☒ No

Was a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ No

Was well grouted? ☒ Yes ☐ No

Describe grouting procedure benis pipe

To what depth? 20 Feet

What was grouting material? cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No

If so how and with what material? _____

Well Owner:

Name Moccasin Creek County Club

Address Phedon

Well Log: Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>sandy yellow clay</u>	<u>3</u>	<u>15</u>
<u>blue clay</u>	<u>15</u>	<u>25</u>
<u>sandy clay</u>	<u>25</u>	<u>30</u>
<u>sand</u>	<u>30</u>	<u>34</u>
<u>blue clay</u>	<u>34</u>	<u>37</u>
<u>sand</u>	<u>37</u>	<u>39</u>
<u>blue clay</u>	<u>39</u>	<u>42</u>

STATIC WATER LEVEL 14 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped

☒ Bailed Describe: _____

☐ Other _____

Pumping Level Below Land Surface

19 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

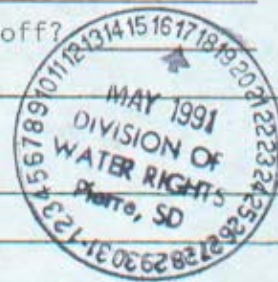
and this report is true and accurate.

Olson Well Drilling
Drilling Firm

Ray Miller
Signed by

5-14-91
Date

6-14-91

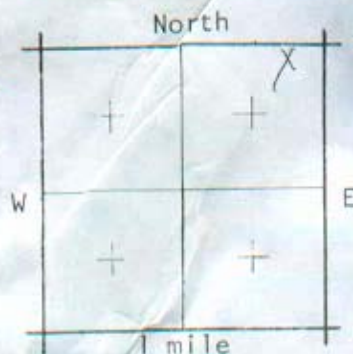


STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location 1/4 Sec 33 Twp 124 Rg 67

County Brown

Please mark well location with an "X"



Well Completion Date 4-24-91

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Forward rotary

WELL CONSTRUCTION:

Diameter of hole 8 inches Depth 39 feet

Casing: ☐ Steel ☒ Plastic ☐ Other
Specify _____

Pipe Weight Diameter From To
200 lb/ft 5 inches 0 feet 29 feet
_____ lb/ft _____ inches _____ feet _____ feet

Was a well screen used? ☒ Yes ☐ No

If Not Specify _____

Screen Type Johnson plastic Slot Size 0.020

Length 5' Diameter 5"

Was Casing left open end? ☐ Yes ☒ No

Was a Packer or seal used? ☐ Yes ☒ No

If so what material? _____

Was well gravel packed? ☒ Yes ☐ No

Was well grouted? ☒ Yes ☐ No

Describe grouting procedure tremie pipe

To what depth? 20 Feet

What was grouting material? Cement

If cement, how many sacks? _____

Location of packer(s) and screen or perforated pipe _____

WAS WELL PLUGGED OR ABANDONED ☐ Yes ☒ No
If so how and with what material? _____

Well Owner:

Name Moccasin Creek County Club

Address Alberdeen

Well Log:

Depth

Formation	From	To
<u>topsoil</u>	<u>0</u>	<u>3</u>
<u>clay</u>	<u>3</u>	<u>18</u>
<u>silt</u>	<u>18</u>	<u>34</u>
<u>sand</u>	<u>34</u>	<u>39</u>
<u>clay</u>	<u>39</u>	<u>42</u>



STATIC WATER LEVEL 15-1/2 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut off? _____

WELL TEST DATA:

☒ Pumped

☒ Bailed Describe: _____

☐ Other _____

Pumping Level Below Land Surface

2 1/2 ft. After 4 Hrs. pumped 15 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

Remarks:

This well was drilled under license # 288

and this report is true and accurate.

Alan Well Drilling
Drilling Firm

Roy Olson
Signed by

5-14-91
Date

6-14-91