

1. Considered JULY 24 1980
 2. Name of Applicant GARLAND WEBB
 3. Post Office Address FT. PIERRE, S.D.
 4. Amount of Water Claimed .09
 5. Source of Water Supply ONE 2075' WELL
 6. Water to be used for SHD & GEO maximum acre feet
 7. Acres to be irrigated _____
 8. Water to be diverted and used in STANLEY County
about 4 W miles of St Pierre
 9. PROOF OF PUBLICATION Received July 24, 1980
Not Received _____
- APPLICATION Approved 7-24-80
Subject to Artesian Well
Not Approved _____
Action deferred _____

Priority _____ Date Received 6/30/80 Application Complete yes no _____ FEE 150.00
Remarks See well log for location of well in this field.

Date information and/or fee or corrected Application received _____
Period of Annual use CONTINUOUSLY
Received yes no _____ APPROVED/CONDITIONAL (Circle one)
WI-1 Description same as application yes no _____ Remarks _____

WATER QUALITY
N/A

Disapproved _____

Returned _____

Diversion Point _____

NE 4 E/W 4 26-SN-30E

Lands to be irrigated _____

WELL LOG

Remarks _____

Driller Larson Bros Licensed yes no _____

Depth 2075'

Water Right No. _____

MAP Map No. 1479-2 Map located in Water Right X Map file _____
Type of Map Drawn Prepared by SCS

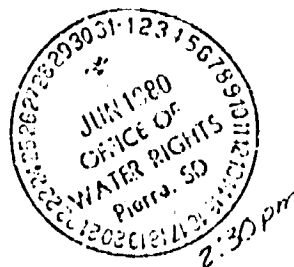
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REVIEWED This Application was reviewed within 30 days of date received, accepted as complete, Number assigned and written up for advertisement before the Board on July 24, 1980.
Lella Westlund
(Signed)

+++++

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date _____
F.F. & C Final Decision, including F.F. & C of Law were adopted _____
OF LAW, Date _____
FINAL Final Decision mailed to parties and/or parties notified that Final Decision
DECISIONS was adopted _____
ETC. _____
Remarks _____

No. 1720-2Map No. 1479-2 Water Division No. 2 BAD RIVER District
Above for Office Use 10140102

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

Check one of the following:

New ☐ Vested Right ☐ Future Use ☐Change in Diversion ☐ Additional Diversion ☐Change in Acreage ☐ Additional Acreage ☐1. Name of Applicant Garland Webb Phone No. _____Post Office Address W. N. Barrick Estate State FT. Pierre
(Street, RR, or Box) (Town) (Zip Code)

If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) contract (well driller)3. Name of diversion work Webb - Barrick Well4. Amount of water claimed (cubic feet per second) 35 to 40 gpm .09 cfs5. Source of water supply artesian well6. Location of point of diversion 325 feet south & 17 ft west of NE corner Sec 26, T5N, R30ECounty Stanley

7. Annual period or periods during which water is to be used _____

8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) domestic (thermal use)

9. For irrigation use, Total number of acres to be irrigated _____

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system completed years. Additional time required to complete application of water to the proposed beneficial use _____ years.11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water FT. Pierre Times

12. Principal Features of the Proposed Water Supply System

A. Works proposed to divert water from its natural source

Artesian well, 2075' deep, production casing 1½" dia K-Copper

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

PVC plastic pipeline 14' dia
160 psi & 1" dia, 200 psi pipe

C. Works proposed to apply water to beneficial use.

stockwater tanks, house plumbing & fixtures

Estimated Total Cost \$ _____

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

STATE OF SOUTH DAKOTA)

County of Hughes) ss.I, Garland Webb

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

Signed Garland WebbSubscribed and sworn to before me this 30th day of June, 1980.Karen Bernsmann

Notary Public (or other qualified officer)

KAREN BERNSMANN, Administrative Secretary

Webb Pipelines

WP-1 6300' 1 1/4" 160"
 WP-2 5500' 1" 200"
 WP-3 6200' 1 1/4" 160"

Total 1" - 5500'
 Total 1 1/4" - 12,500'
 TOTAL - 18,000'

Barrick Pipelines

BP-2 4800' 1 1/4" 160" PVC
 BP-2A 7500' 1" 200" PVC
 BP-3 13,600' 1 1/4" 200" PVC
 BP-4 3,500' 1 1/4" 200" PVC
 BP-4A 6,000' 1 1/4" 160" PVC
 BP-5 6,600' 1 1/4" 200" PVC
 BP-6 4,500' 1 1/4" 160" PVC

Total 1" - 7,500'
 Total 1 1/4" - 39,000'
 TOTAL - 46,500'

Combined TOTAL

Webb + Barrick = 64,500' 12.2 Miles

② RANGELAND 640 AC
 ③ RANGELAND 1100 AC

④ RANGELAND 472 AC

⑦ RANGELAND 512 AC

⑥ RANGELAND 800 AC

OWNED BY
 OLE WILLIAMS
 ⑤ RANGELAND 2520 AC

① RANGELAND 67 AC
 ② RANGELAND 40 AC
 ③ RANGELAND 137 AC

⑦ CROPLAND 32 AC

⑧ RANGELAND 500 AC

⑨ RANGELAND 480 AC

Maximum allowable pressure
 at well.

N.T.E. 75" PSI
 N.T.E. 50" PSI
 N.T.E. 50" PSI
 N.T.E. 50" PSI

Livestock Water Justification

Barrick

Field #	Ac.	AV. AUM/AC.	#/AC.	JUST.
1	480	.55	8.00	
3	900			
4	472			
5	2200			
7	512			
	4564		x 8.00 =	36,512.00

Webb

2	40	.55	8.00	
3	137			
8	340			
9	320			
	837		x 8.00 =	6,696.00

Comb Total 43,208.00

Cost Est.

Art. Well - 2,200' x 4.09 = \$8998.00
 Barrick Pipelines 5' deep = 22,875.00
 Webb Pipelines 5' deep = 8725.00
 Est. Total \$40,598.00

Scale 4" = 1 mi

Pipeline - - - - -

Tank ○

Art. Well ⊙

Webb-Barrick Pipeline
 Stanley County, So. Dak.
 TWP-5 R6E-30

U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

Designed <u>D. Anderson</u>	Date <u>1-2-70</u>	Approved by _____
Drawn <u>D. Anderson</u>	Date <u>1-2-70</u>	Title _____
Traced _____	Sheet _____	Drawing No _____
Checked _____	No _____	of _____

1720-2

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 1720-2

GARLAND WEBB W. N. BARRICK ESTATE, FT. PIERRE
(Applicant) (Post Office Address)
SOUTH DAKOTA 57532 With the following qualifications

The well approved under this Permit shall be valved and the flow reduced to a minimum amount required for the uses served or for storage purposes. If this well is abandoned or the Permit cancelled, the well must be plugged in accordance with specifications of the the Water Management Board.

Date of first receipt of application June 30, 1980
Date of return to applicant for correction, amendments or changes required _____, 19____
Date of receipt of corrected application _____, 19____
Approved July 24, 1980, Recorded in Book 21 Page 218

WATER RIGHT PERMIT NO. 1720-2

The Water Management Board hereby grants and issues this Water Right Permit No. 1720-2 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is June 30, 1980
2. The equivalent of at least one-fifth of the work above specified is ~~to be~~ completed ~~on or before~~ 19
3. The whole of said work is ~~to be~~ completed ~~on or before~~ 19
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is completed, 19____
5. The water appropriated shall be used for the purpose of Domestic and Geothermal Heating
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed .09 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for ~~beneficial uses served, and if for irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied~~ USED FOR DOMESTIC & GEOTHERMAL HEATING PURPOSES
A for irrigation on or before This Date, 19____; said water to be used during the following described annual period: continuously

Witness my hand this 30th day of July, 1980

THE WATER MANAGEMENT BOARD

By: John Hated
Chief Engineer, Water Rights

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

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

D. Well Information

- (1) Drill Hole, Diameter approx 5", Depth 2075'
- (2) Casing, Type 2" steel with 1 1/2" K-Copper Liner, Diameter _____, Thickness _____
(wood, concrete, steel, etc)
- (3) Screen, Type pipe perforated, Diameter approx. 50 - 80', Length _____
- (4) Gravel Pack, Thickness none, Length of gravel pack _____

E. Dugout Information or Estimates

- (1) Surface dimensions, _____, Depth _____

F. Fill out for Either a Well or a Dugout. *No available at SCS office. Log was not required at time this well was drilled. A log should be on file.*

- (1) Water Bearing Materials. (Attach a copy of test well log)

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Depth to water (ground surface to water level) _____

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

On same owner's property 181.82 rds

On property owned by others _____ rds.

G. Water Storage Dams

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

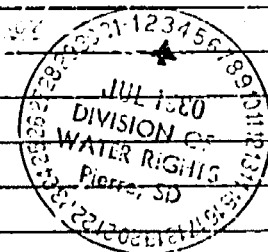
1. Freeboard _____
2. Crest width _____
3. Height of Dam _____
4. Outlet dimensions:
 - Pipe diameter _____
 - Spillway width _____
- X & Y slope:
 - Upstream _____
 - Downstream _____
- Surface area of impoundment _____
- Drainage area above dam _____

Signature Applicant

HURON DRILLING INC. DRILLERS LOG

PAGE NO. 1

Garland Webb JOB NAME		Stanley County LOCATION	6/15/70 DATE	6 RIG NO.	Ray Horn FOREMAN
NO.	DEPTH	TIME	REMARKS		
1	20				
2	40				
3	60				
4	80				
5	100				
6	120				
7	140				
8	160				
9	180				
10	200		202'5" pipe cemented in 21 bags		
11	220				
12	240				
13	260				
14	280				
15	300				
16	320				
17	340				
18	360				
19	380				
20	400				
21	420				
22	440				
23	460				
24	480				
25	500				
26	520				
27	540				
28	560				
29	580				
30	600				
31	620				
32	640				
33	660				
34	680				
35	700				
36	720		Leak @ 730 - 2 sacks Bran		
37	740				
38	760		More leaks @ 760 - 5 sacks Bran		
39	780				
40	800				
41	820				



HURON DRILLING INC. DRILLERS LOG

PAGE NO.

Garland Webb JOB NAME		Stanley County LOCATION		9/15/70 DATE	9 RIG NO.	Ray Horn FOREMAN
Jt No.	DEPTH	TIME	REMARKS			
42	840					
43	860					
44	880					
45	900					
46	920					
47	940					
48	960					
49	980					
50	1000					
51	1020					
52	1040					
53	1060					
54	1080					
55	1100					
56	1120		Greenhorn @ 1135			
57	1140					
58	1160					
59	1180					
60	1200					
61	1220					
62	1240					
63	1260					
64	1280					
65	1300					
66	1320					
67	1340					
68	1360					
69	1380	6:30 PM	9-9-70			
70	1400	9:10 AM	9-10-70			
71	1420	9:50 AM				
72	1440	10:15 AM				
73	1460	10:35	Dakota			
74	1480	11:15 AM	G.B. No. 1; 1480 Start: 12:25			
75	1500	1:00				
76	1520	1:30				
77	1540	1:55				
78	1560	2:30				
79	1580	3:30	Tuff			
80	1600	3:55 PM	Good sand 1585-1600			
81	1620	4:45				
82	1640	5:30	Good sand 1630-1640			

PAGE NO.

[illegible]

1720-2

No. _____

Publish first publication, on or before July 11, 1980

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

July 2, 1980

Notice is hereby given that Garland Webb whose post office

address is Pt. Pierre, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 200 cubic feet of water per second of time from groundwater

(one well) through the Webb-Barrick Well 1, the point (x) of diversion of which is (x) to be located in the NW 1/4 Sec 8, Twp 5N, Range 30E

of Section 26, Twp. 5N, Range 30E. Said water to be used for the purpose of providing XX

water supplies for a suburban housing development and geothermal use

This Application No. 1720-2 will be considered by the Water Management Board at Meeting Room #1, Kneip Building, Church & Illinois St., Pierre SD upon the 24th day of July, 1980

at 10 A. M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWRN, Joe Foss Building, Pierre SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD

cc: Garland Webb
Pt. Pierre SD 57532

BETTY WESTLUND
Water Rights Specialist

WNR-806A-7/79
GROUNDWATER

No. _____

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Stanley) ss.

I, John D. Wooley hereby

certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Ft. Pierre Times

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

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

July 4, & July 11, 1980

John D. Wooley
(Signature)

Editor

(Title)

July 7, 1980

(Date Signed)

Hearing

No. 1720-2
NOTICE OF HEARING ON
APPLICATION TO
APPROPRIATE WATER

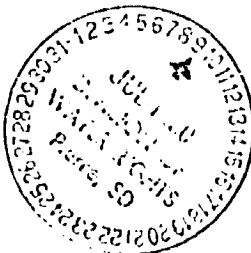
Notice is hereby given that
Garland Webb whose post office
address is Fort Pierre, South
Dakota, has made an application
in accordance with the provi-
sions of SDCL 46-1-1 thru 46-1-9,
46-1-14; 46-2-9 thru 46-2-11,
46-2-13; 46-5-1 thru 46-5-8; 46-5-10
thru 46-5-22, 46-5-41; 46-6-3,
46-6-3.1, 46-6-5, 46-6-8, 46-6-10,
46-6-14 and Board Rules ARSD
52:01:01:01 thru 52:01:01:13, for a
permit to appropriate for
beneficial use .09 cubic feet of
water per second of time from
groundwater (one well) through
the Webb-Barrick Well 1, the
point (XX) of diversion of which
is to be located in the NE 1/4
SW 1/4 of Section 26, Twp 5N,
Range 30E. Said water to be used
for the purpose of providing
water supplies for a suburban
housing development and
geothermal use.

This Application No. 1720-2
will be considered by the Water
Management Board at Meeting
Room #1, Knep Building,
Church & Illinois St., Pierre, S.D.
upon the 24th day of July, 1980
at 10 A.M. The Board is author-
ized to make a determination on
this application at the hearing.
All interested persons may ap-
pear and be heard. Any person
who may be affected by a Board
decision who desires to present
evidence or cross-examine
witnesses according to SDCL
1-26 may notify the Board in
writing prior to the hearing or
orally at the hearing.

This hearing is an adversary
proceeding. Any person 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 exer-
cised at the hearing. Decisions
of the Board may be appealed to
the Courts as provided by law.

Any handicapped person
wishing to attend this hearing
can contact the Water Rights
Division, DWNR, Joe Foss
Building, Pierre, S.D., prior to the
hearing date for assistance to
assure access to the hearing.
WATER MANAGEMENT BOARD
BETTY WESTLUND
Water Rights Specialist

WL-806A-773
GROUNDWATER
Publish: July 4, 11, 1980



RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7556

PIERRE, July 1, 1900

RECEIVED OF Garland or Maxine Webb, Ft. Pierre, SD 57532

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

Fee for Application for Permit to appropriate Water No. 1720-2 (examination, processing, recording and filing) -----	150	00
Fee for inspecting Construction, and issuing Cert. of Construction No -----		
Fee for inspecting Beneficial Use, and issuing Water License No -----		
Fee for issuing Location Certificate-Dry Draw, No -----		
Fee for filing -----		
Fee for certified copy of -----		
Fee for Print copy of map -----		
Fee for Certifying -----		
Fee for -----		
(any other work as provided by law)		
TOTAL	150	00

WATER RIGHTS COMMISSION

By (John Hatch)
Chief Engineer, Executive Officer

JOHN HATCH 7 60

SOUTH DAKOTA
SCHOOL OF MINES
AND TECHNOLOGY



RAPID CITY, SOUTH DAKOTA 57701

ENGINEERING AND MINING EXPERIMENT STATION

23 January 1980

Mr. Willard Lenners
Pierre National Bank
Box 998
Pierre, SD 57501

Dear Will:

As I mentioned to you over the phone, closely spaced water wells in aquifers of uniform porosity and permeability will have a direct effect on one another. That is, if one is pumped it will form a cone of depression which will reduce the water level or the flow of the adjacent well. Therefore, wells in sandstone formations must be carefully spaced to avoid damage to one another. A clear case in point is at Wall, South Dakota, where an extensive pumping test was performed and this phenomena was well documented.

If you should require more information, please let us know.

Sincerely,

D. D. Carda
Research Associate

hb

If you have a garden, the amount needed is about the same as for lawn sprinkling.¹⁰

Table I gives the approximate water capacity needed for home uses.

Experiment stations have studied the amount of water needed for watering livestock, poultry and other uses over a number of years. These are also shown in Table I.

The figures in Table I give maximum water needs. The reason — water to be of service must be available when you need it. Usually that is in hot weather when gardens and lawns need watering, livestock and poultry are thirsty, and baths are popular.

TABLE I. APPROXIMATE DAILY WATER NEEDS FOR HOME AND FARM	
	Water Consumption Per Day
	(gallons)
HOME USES	
For kitchen and laundry use, (including automatic equipment), bathing, sanitary use and other use inside the home	100 per person
For swimming pool maintenance, per 100 sq. ft.	30
LAWN AND GARDEN	
For lawn sprinkling, per 1,000 sq. ft., per sprinkling	600 (approx. 1 in.)
For garden sprinkling, per 1,000 sq. ft., per sprinkling	600 (approx. 1 in.)
FARM (maximum needs)	
Dairy cows (14-15,000 pounds milk) average drinking rate	20 per head
Dry cows or heifers	15 per head
Calves	7 per head
Beef yearlings, full feed, 90° F	20 per head
Beef brood cows	12 per head
Sheep or goats	2 per head
Horses or mules	12 per head
Swine finishing	4 per head
Brood sows nursing	6 per head
Laying hens (90° F)	9 per 100 birds
Broilers (over 100° F)	6 per 100 birds
Turkeys 15-19 weeks (over 100° F)	20-25 per 100 birds
Ducks	22 per 100 birds
Dairy sanitation — milk room & milking parlor	500 per day
Flushing floors	11 per 100 sq. ft.
Sanitary hog wallow	100 per day

¹⁰Studies on water consumption of ducks were not available. The figure is based on rule-of-thumb method of multiplying amount of feed consumed per day by two. This method is sometimes used for other fowls.

In looking over the table, you may be surprised at the large amount of water farm animals consume. Remember that needs vary with the size of the animal, the water temperature, the air temperature, the amount of water in the feed, the amount of production — in the case of dairy cows and laying hens, and the amount of exercise, particularly in the case of work animals or riding and racing horses.

Another use is fire protection which is not figured in your daily needs. It will be considered later, when you select the size pump and water storage you need.

To understand how to use Table I, assume you have a family of four persons. There will be some lawn and garden watering. There is a small swimming pool. There are 30 head of dairy cattle, 40 hogs, and 1,000 laying hens. You would figure needs as follows:

Home

4 persons, 100 gal. per person	400 gal. per day
5,000 sq. ft. of lawn to be sprinkled (5 x 600 gal. per 1,000 sq. ft.)	3,000 gal. per day
1,000 sq. ft. of garden	600 gal. per day
200 sq. ft. of swimming pool (2 x 30)	60 gal. per day

Farm

30 dairy cattle, 20 gal. each	600 gal. per day
Dairy sanitation	500 gal. per day
40 hogs, 4 gal. each	160 gal. per day
1,000 laying hens, 9 gal. per 100 birds	90 gal. per day
Probable maximum water needs — total	5,410 gal. per day

To determine your own total daily water needs, use the table in the same way.

You can see from the example how lawn and garden sprinkling can greatly increase the total water needs for any one day. But, there is a good chance you will do your lawn and garden sprinkling over a two- or three-day period. If over a three-day period, this could lower the water needs per day for lawn

177' elevation

1875' elevation

50' elevation
difference

1 1/2" Hole

5" Hole

2" Steel
1 1/2" Copper

1000'

1 1/2 miles

1000'

2000'

2000'
2070'

280'
difference

2500'

2700'

300'
Perforated
Steel
Casing

L.P.M.

67 X 60 min =

4020 gal Per Hr

X 24 hrs =

96480 gal Per day

Exhibit
A-11

2700'	Shields' depth
300'	less Perforation
2400'	
50'	Less difference in elevation
2350'	
2070'	Less well-Barrick's depth
280'	

Maximum difference between
both wells - within
1 1/2 mile distance

1134
A III

HURON DRILLING INCORPORATED ARTESIAN WELL CONTRACT

THIS AGREEMENT, made and entered into this 15 day of July, A. D. 1920,
by and between HURON DRILLING INC., a Corporation, of the State of South Dakota, located at Huron, South
Dakota, first party, and Alfred A. Webb P. O. 1st Precinct Second party.

WITNESSETH: That the said first party agrees and contracts with said second party, as follows:

FIRST: On or about July 15, 1920 or after completing the mine
well to commence work on an artesian well to be located on the _____ quarter of Section _____
Twp. _____ Range _____ In _____ County, said land being the property of the
second party, and to prosecute the work thereon without unnecessary delay until said well is completed.

SECOND: To drill said well into water bearing artesian sand rock, and guarantee the well to furnish a
sufficient supply of water for stock and domestic use by { Pump-
Natural flow

THIRD: To case said well with 5 inch iron pipe 10 inch
or deeper if deemed necessary by the first party, and with _____ inch _____ pipe
from { The top { to the top of the water bearing sand rock, and through said water bearing formation with
{ The iron { _____ inch _____ pipe. Into water bearing sand rock.

FOURTH: Said Second party to furnish sufficient space where said well is to be sunk, for all material and
machinery until said well is completed and machinery is removed.

FIFTH: Said second party further agrees to board the men from the time move is commenced until well is
completed and machinery removed; and provide and maintain an ample fire guard.

SIXTH: For and in consideration of the drilling and casing of said well, second party agrees to pay first party
the sum of (\$ 440, Four Dollars & 40/100)
with a paid well iron and pump
material, labor and water
4 rods in well on well
contract ending on 5/5
12-20 to be paid in cash at completion of said well.

Settlement to be due and dated at completion of said well.

SEVENTH: First party guarantees the well to furnish a sufficient amount of water reasonably clear for stock
and domestic purposes, for the period of one year from the date of its completion. In case the well should fail to
fulfill this guarantee, first party shall repair same or drill a new well free to second party, except the board but
first party does not guarantee the well against natural decline in pressure.

Tenant _____

HURON DRILLING INC.
K. H. OSBERG, President

Post Office _____

Per Alfred A. Webb First Party

Telephone out of _____

Garland Webb
W. H. Barrick Est. By Camille H. Carlsberg Second Party

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

P.O. Box 550
Pierre, South Dakota 57501
October 15, 1969

Mr. Garland Webb
Fort Pierre
South Dakota 57532

Dear Mr. Webb:

Enclosed are drawings and estimates of cost for an artesian well and pipeline system that would cover both the Garland Webb Ranch and the Willow Creek Unit of the W. N. Barrick Estate.

The estimates of cost are based on our current GPCP docket. Actual costs can vary for several different reasons. Well price quoted is usually for a double cased well. Straight steel or straight copper would cost less. Pipeline costs vary according to the depth of installation, size and test strength and kind of pipe used.

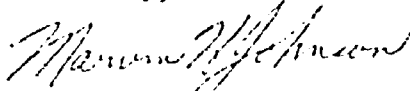
The drawings show a suggested layout of pipeline system. We have driven the routes out with a pickup and all routes seemed feasible at the time. This system would service nearly all of the Garland Webb Ranch and approximately nine sections of the Barrick Ranch.

We also checked the condition of the dams on the Barrick Ranch. Nearly all are in poor condition and in need of repair. Some are silted too full to be of service. Grass condition seemed good to excellent in all areas of the Ranch.

We recommend that you discuss this system further with either Mr. Carrol Chaloupka (Route 1 - Box 141, Dalhart, Texas 79022) or Mr. Jess Wagner (501 Park of the Southwest, Amarillo, Texas 79109) in an effort to form a Pooling Agreement to install a well and pipeline system.

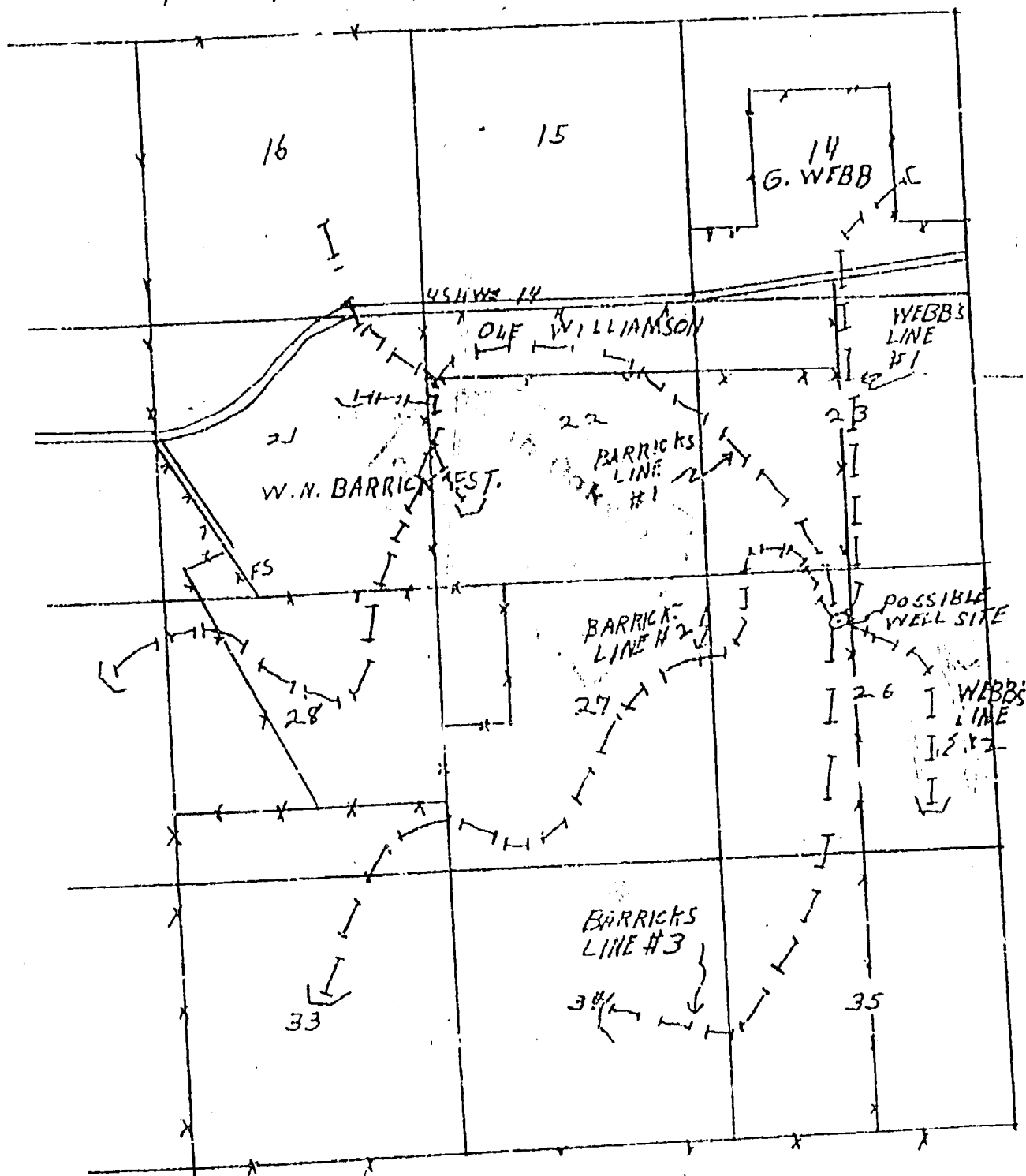
We will be available to discuss this with you and to do further planning if you are interested in a system of this type.

Sincerely,



Marvin H. Johnson
SCS Technician

G. WEBB & W.N. BARRICK TEST. (WILLOW CREEK UNIT)
 POSSIBLE ART. WELL & FLOWLINE SYSTEM



DRAWN BY M.H. JOHNSON
 SCS TECH.

10-13-69

Garland Webb - W. N. Barrick Estate

October 14, 1969

Possible Artesian Well and Pipeline System

Justification of costs available on 25-year amortization based on dominant range sites of each pasture.

Barrick Ranch (Willow Creek Unit):

Field No.	Acreage	Range Site	AUM	Rate/ac	Amount
1	733 ac	Clayey	.6	\$8.50	\$6,205.00
4	480 ac	Shallow	.5	7.50	3,600.00
5	1172 ac	Shallow Clay	.4	6.50	7,618.00
6	2520 ac	Shallow	.5	7.50	18,900.00
8	512 ac	Dense Clay	.5	7.50	3,840.00
9	800 ac	Clayey	.6	8.50	6,800.00
Total	6214 ac				\$46,963.00

Garland Webb Ranch

2	40 ac	Shallow Clay	.4	\$6.50	\$ 260.00
3	137 ac	Clayey	.6	8.50	1,161.50
8	500 ac	Shallow Clay	.4	6.50	3,250.00
9	480 ac	1/2 Shale-1/2 Sw Clay	.3	5.50	2,640.00
Leased Land	344 ac	Clayey	.6	8.50	2,921.00
Total	1501 ac				\$10,238.50

Barrick Ranch

Estimated Value of Serviceable Dams
Total

\$46,963.00
1,050.00
\$45,913.00

Webb Ranch

Estimated Value of Serviceable Dams
Total

\$10,238.50
2,565.16
\$ 7,673.34

Barrick Ranch \$45,913.00
Webb Ranch 7,673.34
Total Available \$53,586.34
Justification

Costs of Well and Pipeline System Based on current GPCP Pocket Price

Artesian Well 2200' x \$4.09	= \$8,998.00
Pipeline Costs computed at 50¢ per foot	= 4,640.00
Webb's Line #1 - 1.75 miles	= 2,112.00
Line #2 - 0.8 miles	= 6,752.00
Total	= \$13,860.00
Barrick's Line #1 - 5.25 miles	= 7,920.00
Line #2 - 3.0 miles	= 5,280.00
Line #3 - 2.0 miles	= \$27,060.00
Total	

Actual costs will vary some depending on type of casing used in the well and local contractors for bids on this work for actual current rates.

Suggested Breakdown of Cost Per Ranch:

Webb Ranch - Total Cost

1/2 Well	\$4,499.00
Pipeline	6,752.00
Total	\$11,251.00

Total

Webb	\$11,251.00
Barrick	31,559.00

Barrick Ranch - Total Cost

1/2 Well	\$4,499.00
Pipeline	27,060.00
Total	\$31,559.00

Cost Share

Producer

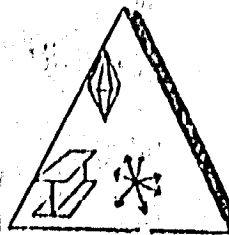
\$ 5,625.50	\$ 5,625.50
15,779.50	15,779.50

Prepared by Marvin H. Johnson, SCS Technician
10-14-69

Exhib
AI

MINTECH, INC.

POST OFFICE BOX 214
RAPID CITY, SOUTH DAKOTA 57709
605-348-7777



MATERIALS • MATERIALS • ENERGY
RESEARCH • TESTING • CONSULTING

Paul

2-22-80

February 18, 1980

Mr. Will Jenners
Rural Route
Pierre, So. Dak. 57501

Dear Will;

I have visited with Ray Shields and examined his project site. The project appears to be very desirable for the promotion of Geothermal Energy in South Dakota, and should be an area in which your bank may have an interest.

I also have discussed with Mr. Shields the danger on completing a large well in the (Sundance) Sandstone aquifer which your present well is in. He is planning to drill to the Madison limestone which in most areas of South Dakota is separated from the Sandstone which you are tapping and therefore should have no impact upon your well. If however his projected Madison well did indeed affect your well, it would have interesting geological implications, but could have unpleasant reactions for you. I have therefore advised Mr. Shields to provide a contingency plan where by he would furnish to you and Mr. Garland Webb all the water you are currently using at no cost to either of you. The quality of the water in the Madison is in general much better than that in the shallower Sandstone wells such as yours.

I would like very much for you and Mr. Shields to come to a workable agreement as you realize Geothermal Energy does I believe have a future in our area and will help all of us in these distressing times.

Yours truly,

Dan D. Carda
Dan D. Carda

U.S. DEPARTMENT OF AGRICULTURE

DATE

REFERENCE SLIP

12-28-79

TO *W. H. Lenners*

FROM *G. Webb*

☐ ACTION

☐ NOTE AND RETURN

☐ APPROVAL

☐ PER PHONE CALL

☐ AS REQUESTED

☐ RECOMMENDATION

☐ FOR COMMENT

☐ REPLY FOR SIGNATURE OF

☒ FOR INFORMATION

☐ RETURNED

☐ INITIALS

☐ SEE ME

☐ NOTE AND FILE

☐ YOUR SIGNATURE

From Mr. Johnson SC State

REMARKS

Well Info

Depth = 2075'

Sundance formation

Casing 1 1/2" K-Copper

Temp of Water 98.60F

Drilled Sept. 1970

We have no other

Information. The

Pressure should be 100+

PSI - Flow should be

35-40 GPM

GPO : 1979 O - 312-110-1014-AD-514,107641

Water Rights Division - DWR
Conversation or File Documentation

File No. 11720-2

NAME OF PERSON OR FILE: G. WEBB

ADDRESS: _____ COUNTY STANLEY

DATE: 10 SEP 84 TELEPHONE 223-2201

RE: 2 QUESTIONS 1) HIS PERMIT 1720-2 2) SHIELDS WELL FLOWING ON HIS LAND. MAY WASH OUT PIPELINE -

COMMENTS:

WEBB WANTED TO KNOW IF THERE WERE ANY LEGAL PROBLEMS IF
HE PUT 2 VALVES ON HIS WELL (1720-2) ONE FOR HIM OTHER
TO BARRICK LAND. I TOLD HIM TO GO AHEAD - WELL MUST
BE CONTROLLED AND THAT'S BETWEEN HIM AND OTHER OWNER
APPARENTLY OTHER (BARRICK LAND) CHARGES MORE FREQUENTLY
NEW OWNERS MAY 1985 WILL BE STOEGER AND C. SHUMOSHIEV
THIS PAST YEAR PIPELINE WAS BROKEN ON BARRICK LAND AND ALLOWED TO FLOW

WEBB ALSO WAS INTERESTED IN SHIELDS WELL (11641-2A). WEBB
REPORTED, THE SHIELDS WELL IS FLOWING FULL THROUGH A
1 1/2" PIPELINE AND IS WASHING OUT A TRENCH WHICH IS
BEGINNING TO ENDANGER HIS PIPELINE. TOLD HIM I WOULD
CHECK INTO THIS FOR HIM.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: JIM GOODMAN

4/82

Water Rights Division - DWR
Conversation or File Documentation

File No. 168-21
168-22
11-2-2

NAME OF PERSON OR FILE: RAY SHIELDS

ADDRESS: _____ COUNTY HUGHES

DATE: 11 SEPTEMBER 1994 TELEPHONE: 224-5168

RE: MR. SHIELDS CALLED ME BACK IN ANSWER TO MY CALL - WEBB COMPLAINT

COMMENTS:

I EXPLAINED THE NATURE OF THE WEBB COMPLAINT.
SHIELDS REPORTED A 1/4" LINE IS RUNNING 420' ON TO
STOCK DAM.
WELL IS EQUIPPED WITH 2 VALVES - ONE IS
A PRESSURE RELIEF - ALSO 2 HOUSES ARE
HOOKED ON THE WELL - ALSO THE 1/4" LINE
THAT THE ROAD CONSTRUCTION PEOPLE HAVE
PAVED WATER FROM THE DAM THIS SUMMER
AND THE DAM IS NEARLY DRY NOW.
THAT WEBB HADN'T TALKED TO SHIELDS
FOR OVER A YEAR ABOUT THIS MATTER.
THAT THE MAIN VALVE ON THE WELL
IS PADLOCKED TO PREVENT TAMPERING.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Mr. Goodman

SOUTH DAKOTA
Department of
Water & Natural Resources

Jon Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

September 11, 1984

Ray Shields
Star Rt #3
Pierre SD 57501

Garland Webb
Ft. Pierre SD 57532

Gentlemen:

September 10, 1984, Garland Webb called the Division of Water Rights and requested information on his permit (No. 1720-2) and the Ray Shields permit (No. 1686-2A). One concern Mr. Webb had was that the Shield's well was flowing full through a 1½" line into a stockdam which in turn overflowed causing some undercutting of a creek bed below this area which was endangering a buried water line.

Mr. Shields reported that the line was flowing into the stockdam approximately 20 gpm now and that the road construction people had used water from the dam which is now nearly dry. Mr. Shields also reported that there are 2 houses obtaining water from the well which is equipped with a pressure relief valve, another valve and the excess water is allowed to overflow by way of the pipeline.

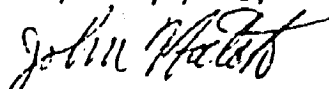
Review of Permits

No. 1686-2A	0.13 cfs (67 gpm)	2120' deep well (Shields)
No. 1720-2	0.09 cfs (40 gpm)	2075' deep well (Webb)

Neither of these permits have been licensed. However, the Shields well was inspected by Frank Smith April 5, 1983 and at that time no water was being allowed to flow to waste.

Water Rights Division interest in this matter is one, that neither well is allowed to flow to waste and is controlled to the amount of water needed and two, that the water permit qualifications and specifications are followed. Both individuals involved have cooperated in the past and apparently are willing to do so now. This seems to be a matter between Mr. Webb and Mr. Shields as long as the permit qualifications are not violated. If there are any problems or questions please feel free to contact us.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division

JH:JG:ks

Equal Opportunity Employer

SOUTH Dakota Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

December 22, 1986

NOTICE

Robert Gebhart
Route 2, Box 17
Ft. Pierre, South Dakota 57532

RE: Flowing Artesian Well

Dear Mr. Gebhart:

On November 26, 1986 Tom Brandner, a Water Rights Division engineer, investigated a complaint concerning your flowing artesian well. The complaint, by Garland Webb, was that overflow water from the well was damaging his property. The investigation was conducted to check compliance with the qualifications on Water Permit No. 1686-2A and with State Law.

The investigation revealed that the present overflow into the dam is not causing damage to Mr. Webb's property. Water Permit No. 1686-2A grants you the right to use the amount of high temperature water from your well to heat your home. It is our opinion that following its use for home heating, the water can be discharged to your dam and to the natural waterway below it without violating state law. However, South Dakota Codified Laws 46-6-14 and 46-6-21 prohibit the waste of water from a flowing well. Your Permit No. 1686-2A includes a qualification that the flow from the well must be reduced to a minimum when water is not being used. To comply with this requirement, the well discharge must be reduced to a minimum or stopped when the well is not used for home heating purposes.

Very truly yours,

Dale N. Selken
for John Hatch

John Hatch, Chief Engineer
Water Rights Division
605 773-3352

cc: Garland Webb

December 4, 1986

File No. 1686-2A

1686-2

1720-2

MEMO TO: Gale Selken

FROM: Tom Brandner

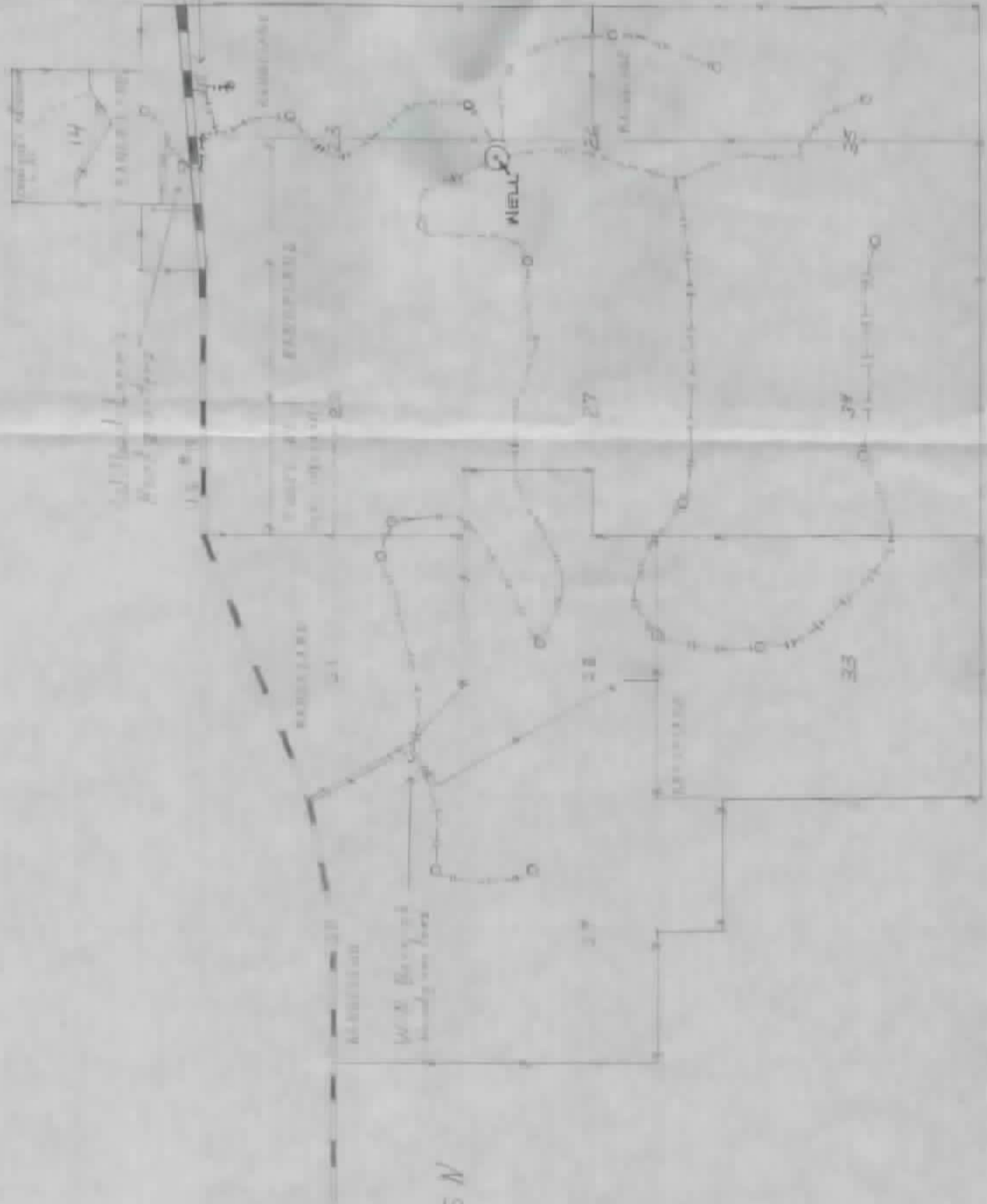
SUBJECT: Flowing well complaint in Stanley County

On November 25, 1986 Mr. Garland Webb met with you concerning a flowing artesian well owned by Mr. Robert Gebhart. Mr. Webb stated that water from the well was overflowing onto his property causing damage to his land.

The following day I inspected Mr. Gebhart's well to check for compliance with the qualifications set forth on the permit. One pipeline brought water to his home for domestic use, and a different line carried flow to a neighbor for livestock watering. The flow of concern to Mr. Webb is a pipeline that Mr. Gebhart states is used to geothermally heat his home after which the overflow water is discharged from a pipe into a dam on his property. Discharge from the pipe was approximately 25 gpm. The water flowed into a dam which Mr. Gebhart stated was not being used for any livestock watering purposes. At the present time the water was about 1.0 foot below the level of the grass spillway. Some minor seepage was present on the downstream side of the dam. Downstream of the dam, where Mr. Webb's property is located, were a number of short, wide draws that drained to a deep ravine shaped channel, all of which had substantial snow cover. Therefore, it appears at the present time that the flow from Mr. Gebhart's well is not affecting Mr. Webb's property and that the great percentage of flow onto Mr. Webb's land is coming from snow melt and runoff below the dam. Also, when and if the dam should overflow, the water will drain into a natural waterway which is a legal method of discharge.

Although not presently affecting Mr. Webb's land, the overflow from the pipe serves no purpose beyond the initial home heating value. When heat from the water is not needed (as during the summer months) continued discharge from the overflow pipe would constitute wasting water which is a violation of South Dakota law. It would also result in noncompliance with a qualification to Permit No. 1686-2A which requires that flow from the well be minimized when not in use. Therefore the pipe discharge must be reduced to a minimum or flow stopped entirely when the well is not used for home heating purposes.

R-30 L



TWP-5 N

Scale 2" = 1 mi. 1 in.
 Date 11/1/50
 Drawn by J. H. [illegible]
 Checked by J. H. [illegible]
 Approved by J. H. [illegible]

U.S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

U.S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn		Type
Traced		Type
Checked		Street
		No.
		City
		State
		Country

MAP No. 1479-2 APPL 172 GPO-767-048



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

Permit No. 1720-2

**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

On, **July 27, 2000** I made a thorough examination of the water use system constructed by **Garland Webb-W.N. Barrick Estate** the original holder of Permit No. **1720-2**, bearing the priority date of **1980** and authorizing the diversion of **0.09** cu. ft. per second of groundwater for **Domestic and GeoThermal** purposes in **Stanley** County.

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

Works used to apply water to beneficial use: **One well and 1.5 PVC delivery lines. A schematic of the delivery system is presented on SCS Map No. 1479-2**

The system is in the following condition: **Good**. The point of diversion is located in the **NW¼ NE¼ of Section 26 T5N R30E, 2926-feet East 190-feet South of the NW Corner Section 26 (N44.3711 W100.45972)**. The works are capable of diverting and conveying to the place of use **0.09** cu. ft. per second of water to be used for **domestic and geothermal purposes**. Water has been put to beneficial use to the maximum extent as follows: **Well supplies water to three households for heating and normal home uses plus stock watering.**

The license should be issued for **0.09** cfs to the **present owner of the property, Billy Mac Webb-W.N. Barrick Estate, Ft. Pierre**

Applicable permit qualifications have been complied with: **Yes**

Exceptions to compliance are: **None**

Donald E. Stroup
Donald E. Stroup
Natural Resources Engineer
DENR, Water Rights Program

8/2/00
Date

REPORT ON INSPECTION OF PERMIT NO. 1720-2

DATE OF INSPECTION: 7/27/2000

Other permit(s) associated with the project: **None**

Contact Person & Address: **Garland Webb, 28287 Hwy 14, Ft. Pierre, SD 57532**

DIVERSION POINT LEGAL LOCATION: NW¼ NE¼ Section 26 T5N R30E

WATER SUPPLY Source: **1 Controlled Flowing Well**

Well Information:

- | | |
|---|--------------------------------------|
| 1) Well Drilling Firm: Huron Drilling Inc. | 2) No. of Wells: 1 |
| 3) Depth(s) 2075 feet | 4) Well log is available: Yes |

Casing:

Outer:

- | | |
|-----------------------------|---------------------------|
| 1) Diameter 5 inches | 2) Length 200 feet |
| 3) Type: Steel | |

Inner:

- | | |
|-------------------------------|--|
| 1) Diameter 1.5 inches | 2) Length Top of Water Bearing Sand Rock 2060-2070' |
| 3) Type: Copper | |

Screen:

- | | |
|---|--------------------------|
| 1) Type: None | 2) Length NA feet |
| 3) Static water level NA feet Flowing Artesian Well 88 psi on gage at Well Head | |

Remarks:

The water temperature from the well is approximately 98°F. Well supplies water to three households for heating and normal household uses plus stock watering. The land where the well is located has been transferred to Mr. Webb's son, Billy Mac Webb of Ft. Pierre. The license should be issued to Billy Mac Webb-W.N. Barrick Estate.

Permit # 1720-2
Bill Mac Webb
W.N. Barrick Estate
Box 174
Ft. Pierre, SD 57532



Donald E. Stroup

Donald E. Stroup
Natural Resources Project Engineer
DENR Water Rights Program



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

September 22, 2004

1720-2

Billy Webb
PO Box 174
Ft Pierre SD 57532

Dear Webb:

I am writing in regard to Water Permit No. 1720-2, currently listed in the name of Garland Webb. The permit was obtained by Garland in 1980. On July 27, 2000 the investigation of the water use system, including the extent of application of water to beneficial use, as developed under Water Permit No. 1720-2, was completed by Don Stroup, a staff engineer with our program. The investigation was done so that the final water right document, the water license, could be issued. A copy of the original permit and a copy of the report prepared following the investigation are enclosed.

It was our understanding back when the investigation was conducted that you were the present owner of the property. In reviewing the file, it seems that I did not forward you a transfer of ownership to get the permit listed in your name. Enclosed is a partially completed "Notice of Transfer of Ownership" form to be used for this purpose. Please review the form and complete as needed. Upon completion, please sign the form and return it to our office with a required filing fee of \$2.50.

State law also requires that we charge a \$50.00 fee for the investigation and issuance of the water license. Upon receipt of the \$50.00 fee from you, we will complete processing your water license. The check or money order for the fee should be made payable to the "Water Rights Program". A total of \$52.50 is due for the transfer and licensing of the permit.

Your licensed water right will be similar to a property right that can not be lost as long as the water use continues and you abide by the permit requirements.

If you have any questions regarding the water permit, investigation of your water use system or payment of the fee, please contact me.

Sincerely,

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

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

No. 1720-2

Date: _____

I/We request that Water Permit No. 1720-2

formerly owned by: Garland Webb

be transferred to: (name & address) Billy Webb

Box 174
Ft. Pierre, S.D.

Telephone No. 605-223-2869

Title to the following described land(s)/property has been transferred as described above:

Diversion point located: NE ¼ NW ¼ Section 26, T5N, R30E

I/We understand that the validity of Water Permit No. 1720-2 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Billy Webb, the new owner, certify that the above information is true and correct.

Billy Webb
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIVED
SEP 28 2004
WATER RIGHTS
PROGRAM

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date September 28, 20 04

RECEIVED OF Billy Webb, Box 174, Ft. Pierre SD 57532

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use		
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>1720--2</u>	50	00
Fee for Filing Transfer Form <u>1720--2</u>	2	50
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	52.50

No.

2004-09-28

By

Darland White
Chief Engineer
gm

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

NAME: Garland Webb – W.N. Barrick Estate

ADDRESS: 635 28287 Hwy 14, Ft. Pierre, SD 57532

DATE: September 16, 2002 **COUNTY:** Stanley

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 well was advertised and permitted originally as in the NE¼ SW¼ Section 26 T5N R30E. The true location of the well as determined by GPS is in the NW¼ NE¼ Section 26 T5N R30E.

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

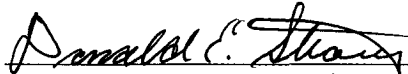
No land is irrigated. Water is for domestic and geothermal use.

- **Review of Existing Diversions**

This location change will not affect any other appropriations.

RECOMMENDED ACTION

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



Donald E. Stroup, Natural Resources Project 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**

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

NOV 19 2004

1720-2

Billy Webb
PO Box 174
Ft Pierre SD 57532

Dear Mr. Webb:

Enclosed is Water License No. 1720-2 and a map prepared by the engineer who conducted the investigation. This is the final water right document completing your process of obtaining a Water Right. Also enclosed is Receipt No. 001428 in the amount of \$52.50 which you paid for the investigation and issuance of the Water License and for the transfer of ownership.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 1720-2, 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. 1720-2

(1) Garland Webb – W N Barrick Estate made Application No. 1720-2, June 30, 1980 for a water permit to divert 0.09 cubic feet of water per second from ground water (one well), Stanley County, South Dakota for domestic and geothermal heating purposes. Permit No. 1720-2, with a priority date of June 30, 1980 was approved July 24, 1980 and issued to the applicant for diversion of water with construction of the described water supply system completed and the application to beneficial use of water completed.

On September 28, 2004, Water Permit No. 1720-2 was transferred to Billy Webb.

A review of the file during the licensing process found the location of the well was permitted and advertised in the NE ¼ SW ¼ Section 26, T5N, R30E and is actually located in the NW ¼ NE ¼ Section 26. Pursuant to SDCL 46-5-13.1 and ARSD 74:02:01:14.1 the Chief Engineer made a finding that the change in location of the diversion point does not increase the potential for adverse effects to existing diversions.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, Billy Webb, PO Box 174, Ft Pierre SD 57532 the holder and/or owner of Water Right No. 1720-2 is issued a license, bearing a priority date of June 30, 1980 to appropriate 0.09 cubic feet of water per second from ground water (one well) to be used for domestic and geothermal purposes.

The diversion point is located 2,926 feet east and 190 feet south of the NW corner of Section 26, T5N, R30E (NW ¼ NE ¼).

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 1720-2 including the following qualification:

- The well approved under this Permit shall be valved and the flow reduced to a minimum amount required for the uses served or for storage purposes. If this well is abandoned or the Permit cancelled, the well must be plugged in accordance with specifications of the Water Management Board.



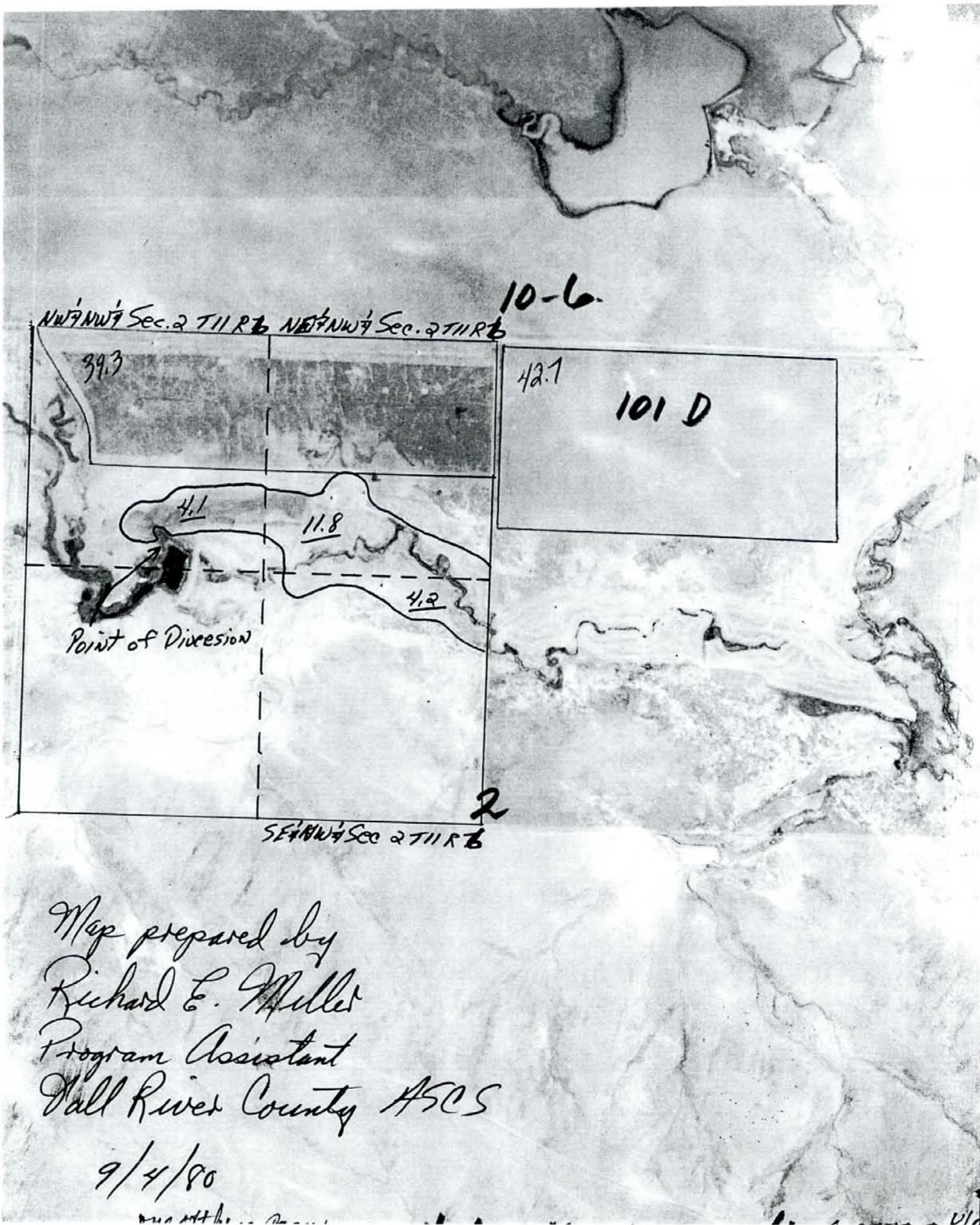
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

NOV 19 2004

date



1720-2



NOT TO SCALE

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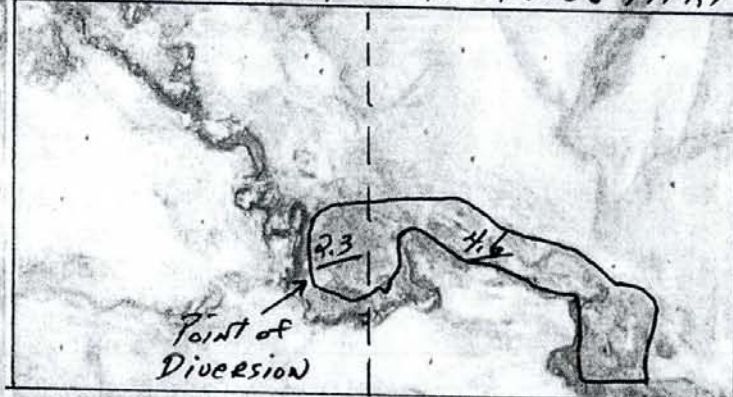
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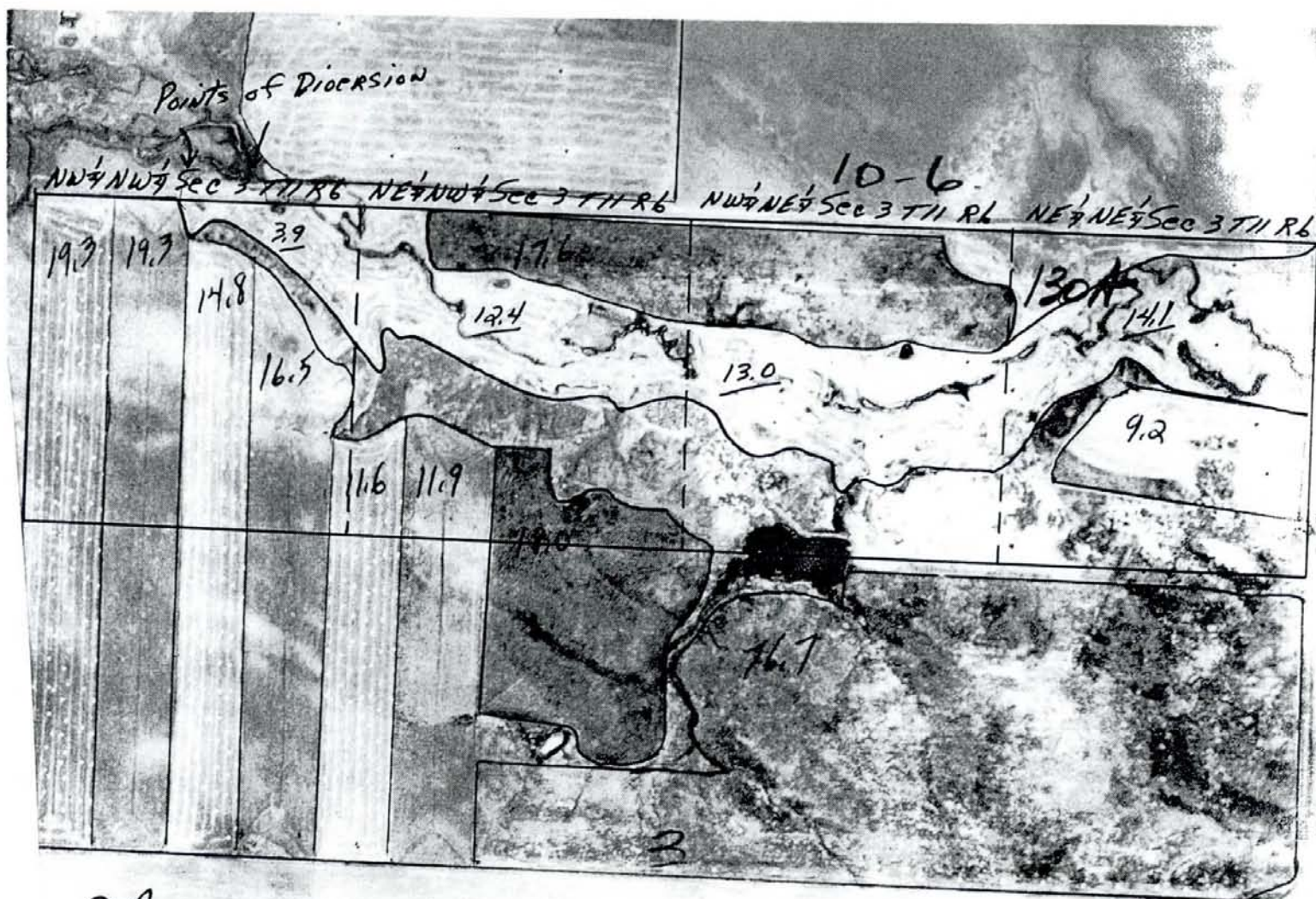
Map prepared by
Richard E. Miller
Program Assistant
Fall River County AGCS

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SW 1/4 SW 1/4 Sec 6 T11R7 SE 1/4 SW 1/4 Sec 6 T11R7





Map prepared by
 Richard E. Miller
 Program Assistant
 Fall River County ASCS

9/4/80

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