

1659-2

- 1. Considered MAY 24 1979
- 2. Name of Applicant SHERIDAN HEIGHTS, INC.
- 3. Post Office Address RAPID CITY, SD 24-3-6
- 4. Amount of Water claimed .3
- 5. Source of Water supply 923' WELL
- 6. Water to be used for SUBURBAN HOUSING (MINNELUSA)

Acres to be irrigated -

- 7. Water to be diverted and used in MEADE County
about 3N, 5 miles WEST of RAPID CITY

8. Proof of Publication Received 5-4-79

Not Received _____

9. Application Approved _____

Subject to _____

Not Approved _____

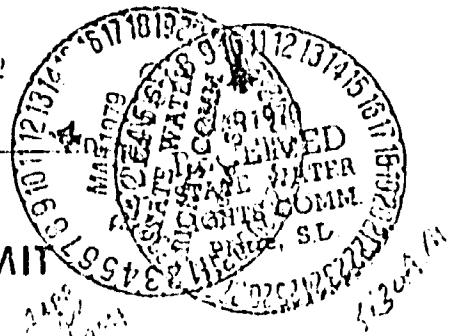
Action Deferred _____

(P. 3-12 79)

10. Remarks: *ad. well
to increase size of Mineral
rights Subdivision # 1588-2
in Minnelusa Subdivision, see memo*

No. 1659-2

Map No. 1422-2 Water Division No. 2 RAPID CREEK
(blank to be filled by the Engineer for the W. R. C.)



APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE - Draw a line through items not applicable)

1. Name of Applicant Sheridan Heights, Inc.
 Postoffice address 301 n.w. Rushmore Road Box 11636 State Rapid City, S. D. 57701
 If a corporation show date and place of incorporation August 2, 1973, Rapid City, South Dakota
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
3. Name of diversion work Wonderland Homes Subdivision
4. Amount of water claimed (cubic feet per second) .3 (120 GPM)
5. Source of water supply Minnelusa Sandstone
6. Location of point of diversion Lot 14, Block 13, in Lot 3D in Lot 2 of Ierlu Estates Subdivision, formerly a part of Lot A of SW1/4 of Section 24, T3N, R6W, BHM
Meade County So. Dak.
7. Annual period or periods during which water is to be used Year Around
8. Use to be made of water. (irrigation, industrial, municipal, commercial, recreation, etc.) Domestic Housing
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 1 years. Additional time required to complete application of water to the proposed beneficial use 1 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Sturgis Tribune, 1022 Main, Sturgis
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source

Deep drilled well to Minnelusa Sandstone, 923' deep, 8" bore, with 30 H.P. Submersible Pump - 120 GPM.

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

System of 6" water mains, 1" services to houses, fire hydrants.

C. Works proposed to apply water to beneficial use.

Use for household purposes and house lawn sprinkling.

Estimated Total Cost \$ 125,000.00

Attachment - Attach Form 2A if diversion from a well or dug out, or if storage of water, is proposed. Attach map (See instructions concerning preparation.)

STATE OF SOUTH DAKOTA)
) s.
 County of Pennington)

I, Lee F. Olsen, Project Mgr. 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 Lee F. Olsen

Subscribed and sworn to before me this 5th day of March, 1979

Carole Birner
 (Notary Public (or other qualified officer)
 Carole Birner, Notary Public
 Pennington County, South Dakota

My Commission Expires
 May 27, 1980

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 1659-2
SHERIDAN HEIGHTS, INC - 301 MT RUSHMORE RD. RAPID CITY
(Applicant) Box 1636 (Post Office Address)
SOUTH DAKOTA 57701 With the following modifications.
(State)

The ~~well~~ well approved under this Permit is located near domestic wells which may obtain water from the same aquifer. The ~~well~~ well owner, under this Permit, shall control his ~~well~~ withdrawals so there is not a reduction of needed water supplies in adequate domestic wells.

Date of first receipt of application MARCH 12 19 79
Date of return to applicant for correction, amendments or changes required MARCH 12 19 79
Date of receipt of corrected application APRIL 4 19 79
Approved MAY 24 19 79, Recorded in Book 20 Page 321

WATER RIGHT PERMIT NO. 1659-2

The Water Rights Commission hereby grants and issues this Water Right Permit No. 1659-2 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is MARCH 12 19 79
 2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 24 19 79
 3. The whole of said work is to be completed on or before MAY 24 19 80
 4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 24 19 81
 5. The water appropriated shall be used for the purpose of SUBURBAN HOUSING
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 .3 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 use~~ used for suburban housing and if for the irrigation purpose said appropriation must be limited to not more than 2 acre feet per acre per year and in limited to not more than (170) of one cubic foot of water per acre and a time for each acre of land to which water is actually and beneficially ~~applied for irrigation~~ applied for irrigation on or before MAY 24 19 81; said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 1ST day of JUNE 19 79

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued MARCH 17 19 81

Water License Issued MARCH 17 19 81

FRANCIS, Johnny

March 14, 1977

~~RUGER~~

Stagobarr Canyon Ext.

Total Depth 923'

Station 1304

824' 7" casing

120 GPM @ 680'

140 PSI

0-130 green shale and sandstone

130-595 red siltstone

595-640 limestone

640-755 red shale

755-765 yellow limestone

765-780 purple and pink limestone

780-810 red limestone

810-832 pink sandstone (WATER)

832-868 red limestone

868-891 yellow sandstone (WATER)

891-904 red limestone

904-923 rose sandstone (WATER)

#1 Well Log

310 6E 24
meade
S

WONDERLAND HOMES Well #2 9/6/79
F3NR-6E 24 1350 FWL 2500 FSL
T.D. 1005' Static 145'
8" casing to 245' 50-60 GPM @ 942'
7" casing from 200-905'
open hole from 905'1005' 7-8" lead packer

0-78	green shale
78-136	red sandy shale
136-240	green sandstone & shale
240-691	red silty sandstone & shale
691-730	limestone
730-740	limestone & red siltstone
740-835	red siltstone & shale
835-906	limestone (broken)
906-942	red sandstone (hard broken)
942-965	yellow sandstone (soft)
965-972	drilled like sandstone
972-983	hard (over)

3565 ft. LSD/
Blackhawk

983-1001 red sandstone (soft)
1001-1005 hard



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

D. Well Information or Estimates

(1) Drill Hole, Diameter 8", Depth 923'
 (2) Casing, Type Steel, Diameter 7" O.D., Thickness .317
(wood, concrete, steel, etc)
 (3) Perforated Screen.
 Type None, Diameter -0-, Length -0-
 (4) Gravel Pack, Thickness None, Length of gravel pack -0-

E. Dugout Information or Estimates.

(1) Surface dimensions - 0 -, Depth - 0 -

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

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

Character of Water Bearing materials Minnehusa Sandstone
See attached copy of well No. 1 drilled on this same property
Well No. 2 has not been drilled, and are assuming similar data
will be obtained.

Depth to top of water bearing material 824'
 Depth to bottom of water bearing material 923'
 Thickness of water bearing material 50'
 Depth to water (ground surface to water level) 130'

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

On same owner's property - 0 - rds. On property owned by others 1/2 mile rds.

G. Water Storage Dams.

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

This well is Well No. 2 to provide back-up supply to the Wonderland Homes Subdivision. Well No. 1 was drilled March 14, 1977 and permit was applied for same and obtained under date of June 11, 1977. There will be a total of 450 homes using the water from these two wells. Distance apart is approximately 2000', on the same property. Well No. 1 permit was obtained under the name of Noillia Enterprises, Inc.

All system plans, specifications have been submitted by Francis-Neador-Gellhaus, Inc., P.E., 1823 West Main, Rapid City, S. Dak., 57701, 342-4105.

Lee F. Olsen
 Signature of Applicant
 Sheridan Heights, Inc.
 301 Mt. Rushmore Road
 Rapid City, S. D. 57701
 Lee F. Olsen, Project Manager
 605-342-2301

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1659-2

(1) WHEREAS, On the 12th day of March A. D. 19 79,
Sharlton Heights, Inc.

made Water Right Application No. 1659-2 for a permit to use .3 cubic feet per second of the waters
of groundwater (one well)
County of Pardo, State of South Dakota, for suburban housing
purpose; and

(2) WHEREAS, On the 24th day of May A. D. 19 79
Permit No. 1659-2, with a date of priority of March 12, 1979

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 24th day of May A. D. 19 80 and for the
application to beneficial use of said water on or before the 24th day of May A. D. 19 81

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert .26 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,
water supplies for a suburban housing development.

(5) NOW, THEREFORE: By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Shoridan Helghrs, Inc.

of apid City SD

the holder s and owner n of said permit No. 1659-2 a water right, dating from March 12, 1979

to use of .25 cubic feet per second of the waters

of groundwater (one well)

in the County of Hoodess and State of South Dakota, or so much thereof as may be necessary for the

purposes hereinafter mentioned, to be diverted at a point south 86° 32' east, 1235.7 feet from

the 1/4 corner, Section 24, T21, R6E

and conducted ~~to and upon~~ XXXXXX through the developments distribution system

for the purpose of suburban housing development

Subject to any limitations listed in Water Right Permit No. 1659-2 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 17th day of March A. D.
Nineteen Hundred and Eighty-one

WATER MANAGEMENT BOARD

By: John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

Permit No. 1659-2

Water Diversion No. 2 Upper Choyenne Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Sheridan Hights, Inc.

_____ the holder _____ of
Permit No. 1659-2, issued upon Application No. 1659-2, bearing date of priority of March 12,
1979 authorizing the diversion of .26 cu. ft. per second of the waters of _____
groundwater (one well); County of Madison, State of South Dakota at _____
a point south 86° 32' East, 1255.7 feet from the NE corner, Section 24, T31N
R6E

_____, for suburban housing development

purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use .26 cu. ft. per second of water.

Date March 17, 1981

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Meade) ss.

I, Teresa Shoun hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Sturgis Tribune

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

B. H. Publishers Inc. Sturgis, SD

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

April 25, 1979

May 2, 1979

Teresa Shoun
(Signature)

Bookkeeper
(Title)

May 3, 1979
(Date Signed)

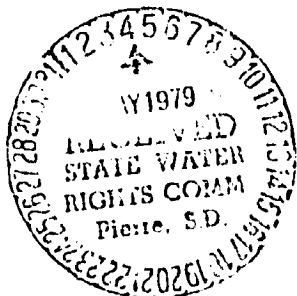
No. 1659-2
NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER
Pierre, South Dakota 57501
April 19, 1979

Notice is hereby given that Sheridan Heights, Inc. whose post office address is Rapid City, 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 Commission Rules ARSD 51:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use .3 cubic feet of water per second of time from groundwater (one well) through the Wonderland Homes Subdivision, the point of diversion of which is to be located in the NW 1/4 SW 1/4 of Section 24, Twp. 3N, Range 6E. Said water to be used for Suburban housing purposes.

This Application No. 1659-2 will be considered by the Water Rights Commission at Howard Johnson's Motel, 2211 Lacrosse, Rapid City, SD 5770; upon the 24th day of May, 1979 at 10 A.M. The Commission 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 Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission 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 Commission may be appealed to the Court as provided by law. WATER RIGHTS COMMISSION

Retty Westlund
Patty Westlund
Water Rights Specialist
Tribune April 25, May



No. 1659-2

publish first publication, on or before May 2, 1979

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

April 19, 1979

Notice is hereby given that Sheridan Heights, Inc. whose post office

address is Rapid City, 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 Commission Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 3 cubic feet of water per second of time from groundwater

~~(one well)~~ through the Wonderland Homes Subdivision, the point(s) of diversion of which is ~~(xxx)~~ to be located in the NW 1/4 SW 1/4

of Section 24, Twp. 3N, Range 6E. Said water to be used for ~~the purpose of providing irrigation on portions of the following described land:~~

Suburban housing purposes.

This Application No. 1659-2 will be considered by the Water Rights Commission at Howard Johnson's Motel, 2211 Lacrosse, Rapid City, SD 57701 upon the 24th day of May, 1979

at 10 A.M. The Commission 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 Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission 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 Commission may be appealed to the Courts as provided by law.

WATER RIGHTS COMMISSION

BW:plh

Betty Westlund,
Water Rights Specialist

cc: Sheridan Heights, Inc., ATTN: Lee F. Olson, 301 Mt. Rushmore Rd., Rapid City, SD 57701

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 7969

PIERRE, February 6, 19 81

Sheridan Heights, Inc., P.O. Box 1636, Rapid City SD 57709

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

Fee for Application for Permit to appropriate Water No. _____ (examination, processing, recording and filing) _____		
Fee for inspecting Construction, and issuing Cert. of Construction No. 1659-2)	50	00
Fee for inspecting Beneficial Use, and issuing Water License No. 1659-2)		
Fee for issuing Location Certificate-Dry Draw, No. _____		
Fee for filing _____		
Fee for certified copy of _____		
Fee for Print copy of map _____		
Fee for Certifying _____		
Fee for _____ (any other work as provided by law)		
TOTAL	50	00

WATER RIGHTS COMMISSION

By: *John Nelson*
Chief Engineer, Executive Officer
JOHN NELSON

1654-2 Sheridan Heights, Ind.

8-4-80 Well #2,

Depth = 973 ft. Pumping 115 gpm

Static 130 ft. Pump at 650 ft.

30 H.P. Roda Submersible

Pump

1-7-81 Lee Olson, Ph. 347-2301 of REG

gave me the well info in phone

Johnny Francis, Developer

Permit No. 1659-2

Water Division 2 Rapid Creek Water District

REPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / FOSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by Sheridan Heights, Inc

of 301 ^{Blk. 1632} ~~Blk. 1632~~ ¹⁷⁷⁰¹ ~~Huskmore~~ Road, Rapid City, S.D. holder

of Permit No. 1659-2, bearing date of priority of March 12, 1979

authorizing the diversion of .3 cu. ft. per second of the waters of Well

for Suburban Housing purposes, in Meade County.

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

The Water Use System consists of,

A. Works used to divert the water:

30 HP Rada Submersible Pump - Pumping 115 gpm

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

6" P.V.C. Mains
150,000 gal. Storage Tank

C. Works used to apply water to beneficial use.

Houses, Lawns and Gardens

The system is in the following condition: Good

The point of diversion is located S 86° 32' E, 1255.7 ft from the W 1/4 Cor
Sec. 24, T3N R6E.

The works are capable of diverting and conveying to the place of use .26

cu. ft. per second of water which is to be used for Suburban Housing

Water has been put to beneficial use to the maximum extent as follows:

comprising a total of _____ acres of land.

Well Data
Depth 923 ft
Static 130 ft
Pump at 680 ft

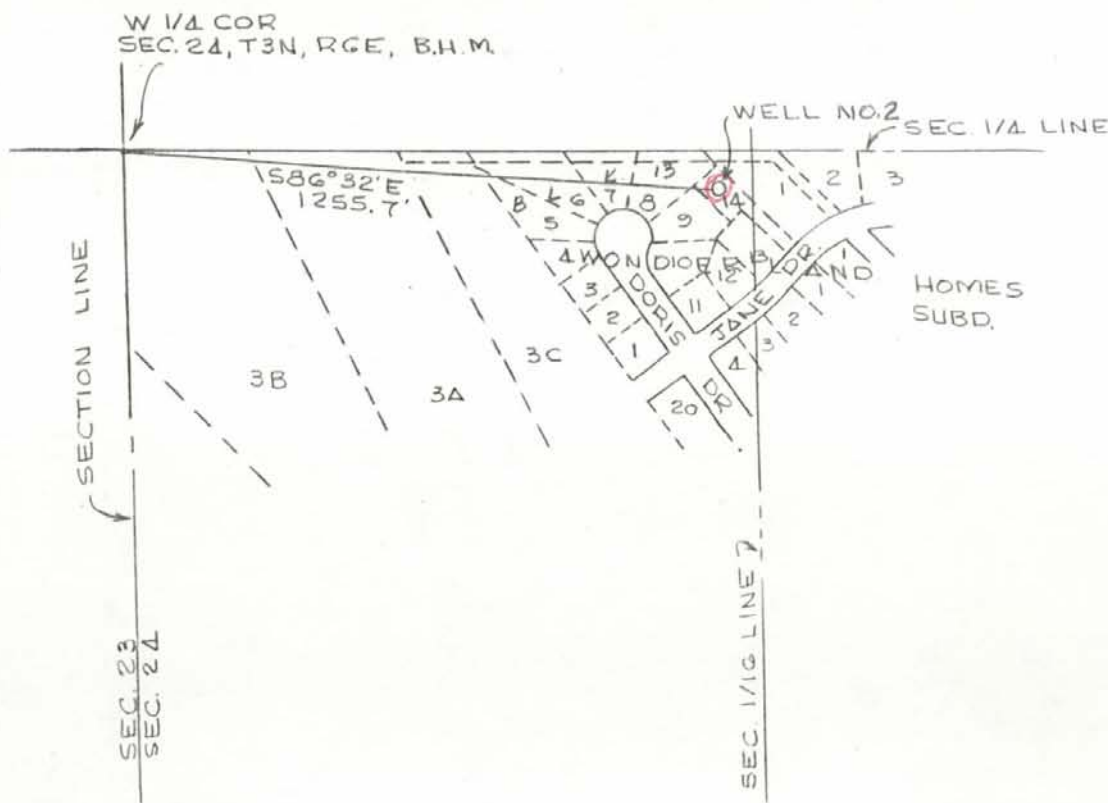
115' 45" .26 cfs
license fee .26 cfs

Date September 4, 1980

Leroy J. McLaugh
(Signature)

WATER RIGHT MAP
 FOR
 WELL LOCATED IN LOT 14 OF BLOCK 13 OF WONDERLAND HOMES SUBDIVISION
 IN
 NW¹/₄ OF SW¹/₄ OF SECTION 24, T3N, R8E, BHM,
 MEADE COUNTY, SOUTH DAKOTA

SCALE 1" = 400'
 MARCH 20, 1979



CERTIFICATE OF SURVEYOR

State of South Dakota
 County of Pennington

S.S.

I, James P. Heald, Registered Land Surveyor No. 2199 of the State of South Dakota, do hereby certify that being so authorized, the survey and within map of the land shown and described hereon were made under my responsible direction and supervision and that to the best of my knowledge and belief the within map is a representation of said survey.

REGISTERED LAND SURVEYOR:

James P. Heald
 James P. Heald

DATE:

March 21, 1979



FRANCIS MEADOR DELPHUS, INC.

RAPID CITY

PROJECT: WATER RIGHT MAP - WONDERLAND HOMES SU

SW 24 - 3N - 8E

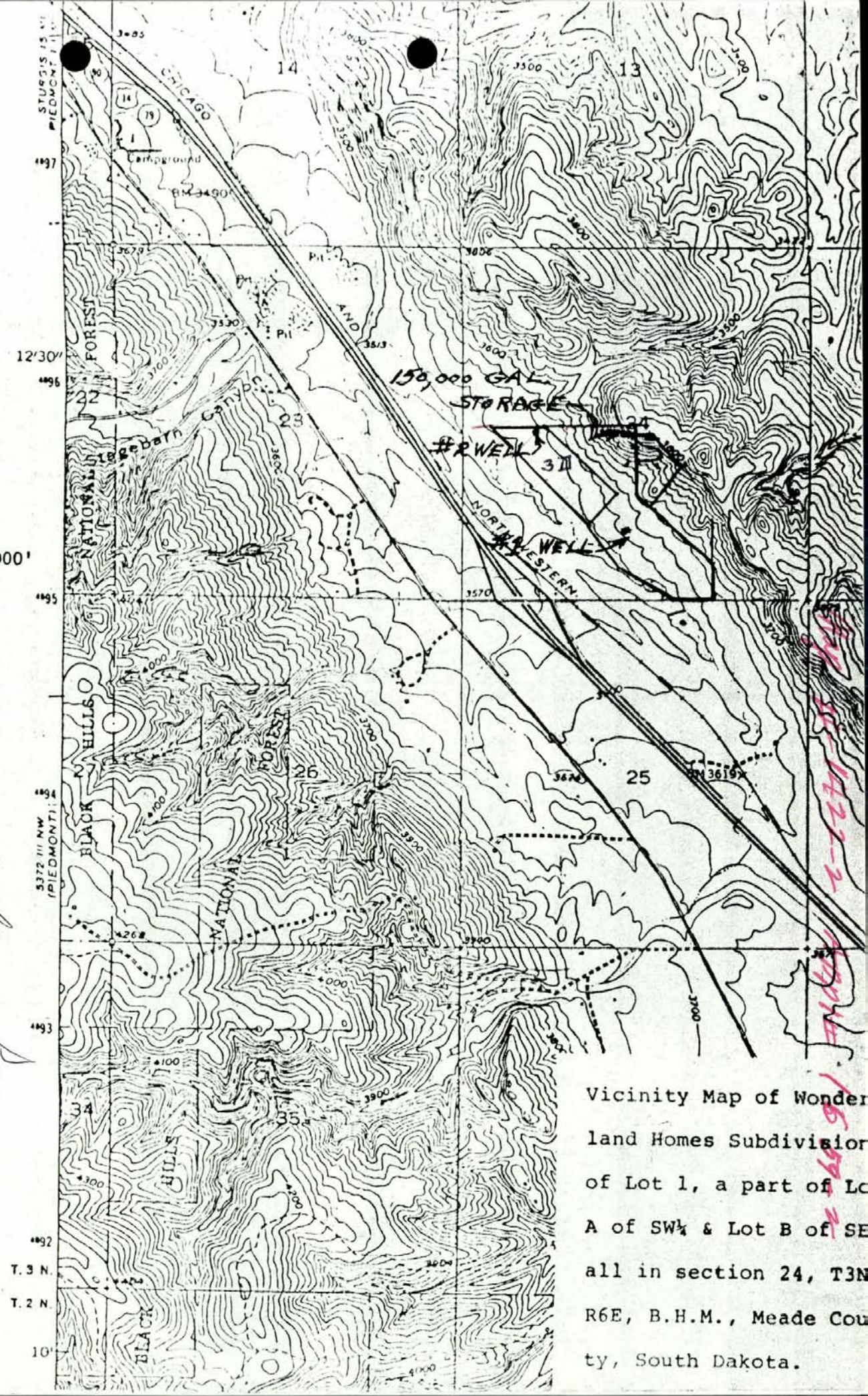
BY C.E.S.
 3-20-79

SHEET
 1 OF 1

JOB
 38

MAP No. ~~1422-2~~ APPL. 1659-2

Map # 1659-2



N

scale: 1"=2000'

Sheridan Heights, Sec. 1
Sec. 3, 4, 26
Project, Mps.

W.R. 1659-2
Map # 1422-2

Vicinity Map of Wonder
 land Homes Subdivision
 of Lot 1, a part of Lot
 A of SW $\frac{1}{4}$ & Lot B of SE
 all in section 24, T3N
 R6E, B.H.M., Meade Cou
 ty, South Dakota.

1659-2
1422-2
1422-2

WATER RIGHT MAP

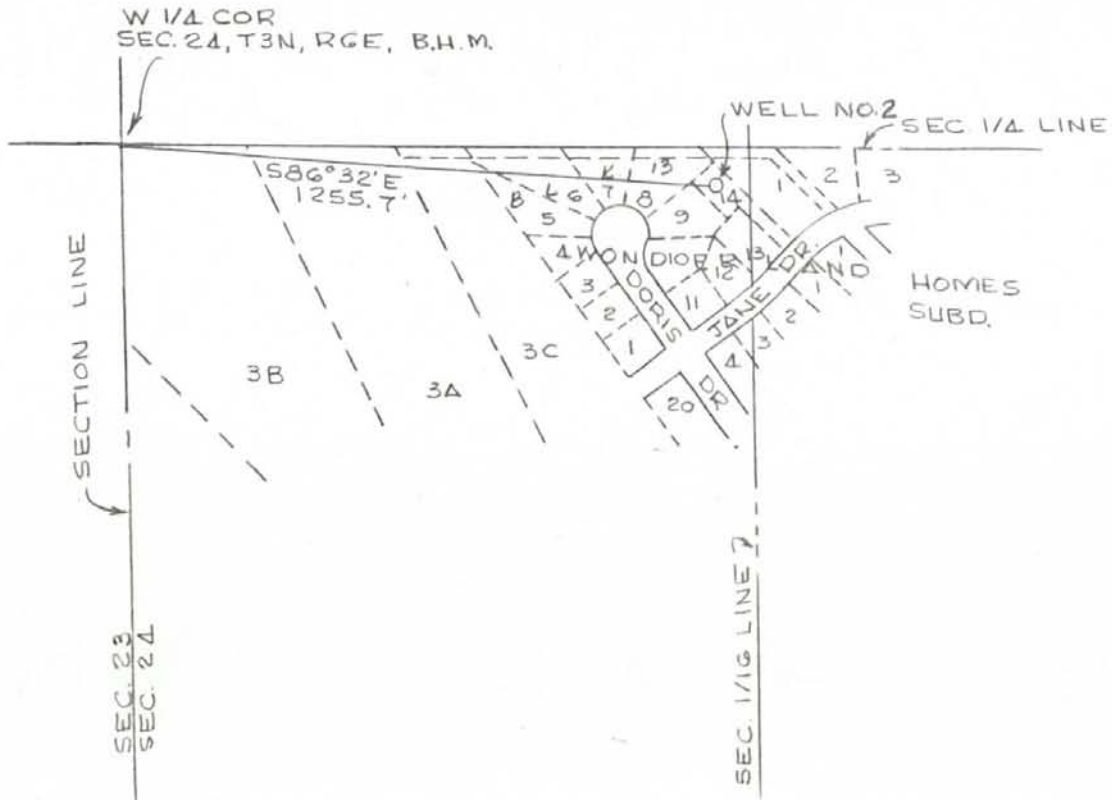
FOR

WELL LOCATED IN LOT 14 OF BLOCK 13 OF WONDERLAND HOMES SUBDIVISION

IN

NW 1/4 OF SW 1/4 OF SECTION 24, T3N, R8E, BHM,
MEADE COUNTY, SOUTH DAKOTA

SCALE 1" = 400'
MARCH 20, 1979



CERTIFICATE OF SURVEYOR

State of South Dakota

County of Pennington

S.S.

I, James P. Heald, Registered Land Surveyor No. 2199 of the State of South Dakota, do hereby certify that being so authorized, the survey and within map of the land shown and described hereon were made under my responsible direction and supervision and that to the best of my knowledge and belief the within map is a representation of said survey.

REGISTERED LAND SURVEYOR:

James P. Heald
James P. Heald

DATE:

March 21, 1979



FRANCIS-MEADOR-GELHAUS, INC.

RAPID CITY

PROJECT: WATER RIGHT MAP - WONDERLAND HOMES SUBD

SW 24 - 3N - 8E

BY C.E.S.
3-20-79

SHEET
1 OF 1

JOB NO
3849.05

MAP 1422-2 APP 1659-2