

WATER PERMIT NO. 2051-2

MAP No. same 303 741-3707

Name of Applicant ROC Properties, Inc.

Post Office Address 7395 E Orchard Rd., Inglewood CO 80111

Amount of Water Claimed 1 cfs Total Acres NA

Source of Water Supply ground water

Water to be used for mobile home parks ~~agricultural use~~ County Pennington

About 2 miles N of Rapid City.

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY Date Received Dec. 18, 1987 Fee \$325⁰⁰ Remarks _____

12/18/87

Corrected Application Received Feb. 1, 1988 Period of Annual Use Jan 1 - Dec 31

WATER QUALITY APPROVAL RECEIVED NA APPROVED/CONDITIONAL (Circle one)

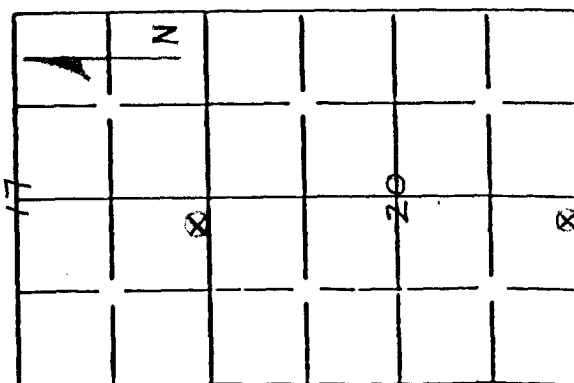
WI-1 Description same as Application YES ☒ NO ☐ REMARKS _____

Diversion Points 2 wells: SE $\frac{1}{4}$ SW $\frac{1}{4}$ section 17 -

T2N-R8E and the SE $\frac{1}{4}$ SW $\frac{1}{4}$ section 20-

T2N-R8E

Land to be Irrigated NA



Well Log: Driller Venekamp Licensed YES ☒ NO ☐

Depth of Wells 1735' & 1651' REMARKS _____

Type of Map topo PREPARED BY Gary Stephenson Reviewed and the Number

assigned on February 3, 1988 By Ron Duvall



FORM 2: Application for uses other than irrigation (type or print)

No. 2051-2 Hydrologic Unit 1012011
Map No. same Basin Upper Cheyenne R
Newspaper Rapid City Journal, PO Box 450 57701

Mail to: Water Rights Div.
DWNR, Foss Bldg.
Pierre, SD 57501
(605) 773-3352

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water: Industrial ☐ Commercial ☒ Municipal ☐ Mobile Home Parks ☐
Other Common Distribution System ☒
Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
Domestic ☐ (above 18gpm) Other ☐

Type of Application: Check one or more of the following

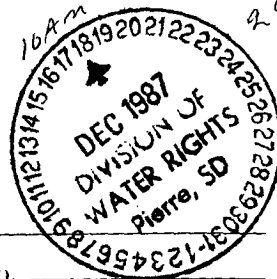
New ☒ Vested Right ☐ Future Use ☐ Change Use ☐

☐ Amend Permit No. _____ with old priority date retained

Change diversion point(s) ☐ Add diversion point(s) ☐ Other ☐

☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____

☐ Construction to use water reserved by Future Use Permit No. _____



1. Name of Applicant ROC Properties, Inc. Phone No. 303 741-3707

Post Office Address 7395 E Orchard Rd, Inglewood State CO Zip Code 80111
(Street, RR or Box) (City)

2. Amount of water claimed (c.f.s.) 448 gals/min. 1 cfs

3. Source of water supply groundwater - two wells

4. Location of point of diversion SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 17 and the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 20; both in
T2N-R8E

County Pennington

5. Counties where water will be used Pennington

6. Annual period during which water is to be used January 1 - December 31

7. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map

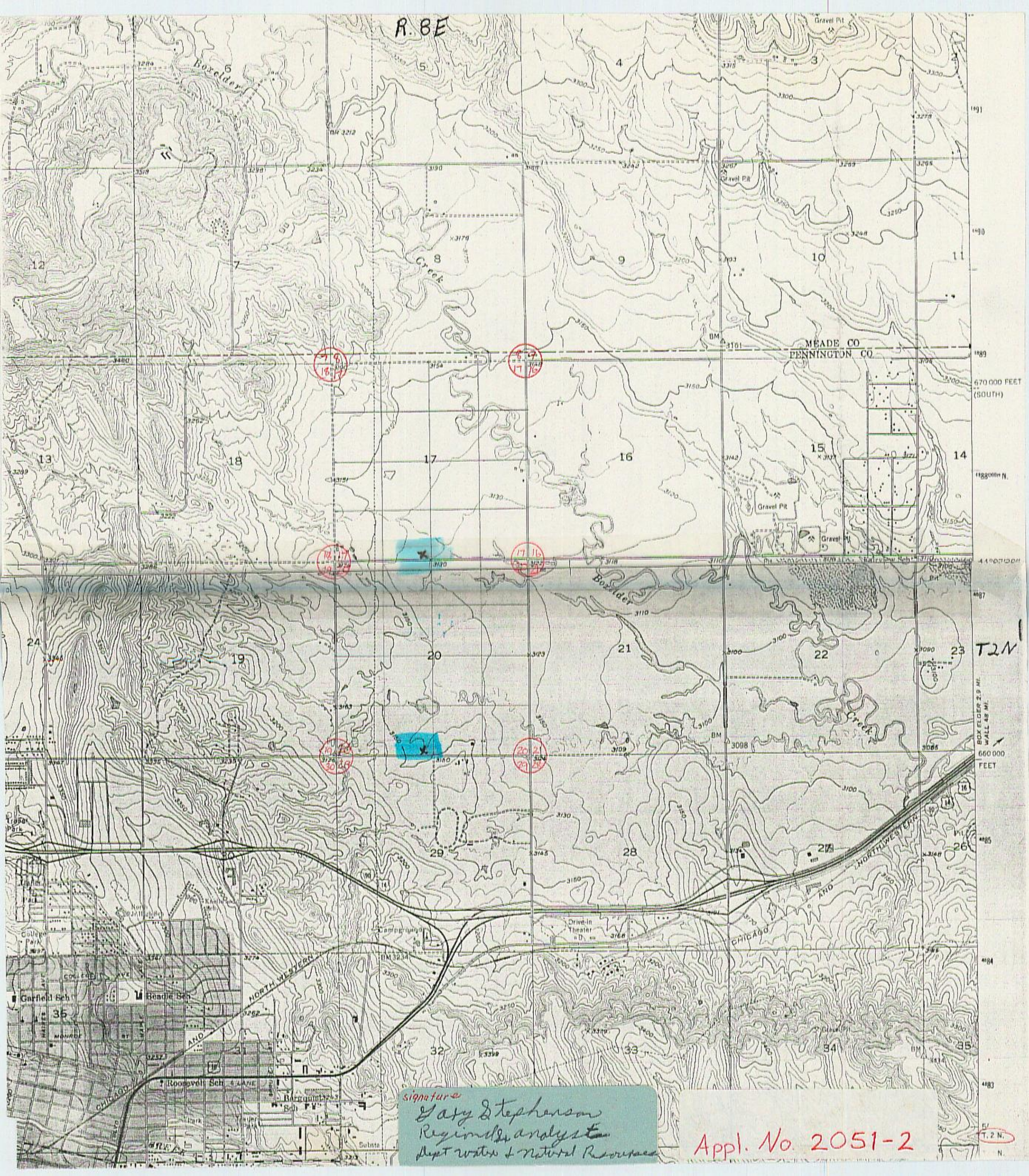
(see instruction)
STATE OF Colorado
County of Apache)^{SS}

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

Signed _____

Subscribed and sworn to before me this 18 day of January 19 88

Deana Lee Thompson
Notary Public
12-4-88



R. 8E

MEADE CO
PENNINGTON CO

670 000 FEET
(SOUTH)

T. 2 N.

BOX ELDER 2.9 MI.
WALL 4.3 MI.
660 000
FEET

Signature
Gary Stephenson
Regional Analyst
Dept. Water & Natural Resources

Appl. No. 2051-2

T. 2 N.

**SOUTH DAKOTA
WATER PERMIT**

Date of first receipt of application December 18, 1987

Date of return to applicant for correction, amendments or changes required January 5, 1988

Date of receipt of corrected application February 1, 1988

The Water Management Board approved Water Permit Application No. 2051-2

on May 11, 1988 for CVRC Limited Partnership
(Applicant)

5005 Old Cedar Lake Road St. Louis Park MN 55416
(Street, RR or Box) (City) (State) (Zip Code)

authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 2051-2 appropriates 1.0 cubic feet of water per second from 2 wells (Inyan Kara Aquifer) 1651 and 1735 feet deep located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ section 17 and the SE $\frac{1}{4}$ SW $\frac{1}{4}$ section 20; both in T2N-R8E.
2. The water appropriated shall be used for the purpose of supplying the north and south units of the Country Village Mobile Home Park and may not exceed the amount of water needed for beneficial use for the mobile home parks.
3. The water is to be used during the following described annual period: Jan 1 - Dec 31.
4. The date from which applicant may claim the right is December 18, 1987.
5. ~~One-fifth of the construction is to be completed on or before~~
6. All construction is ~~to be completed on or before~~
7. Water is ~~to be put to beneficial use on or before~~
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

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

WATER MANAGEMENT BOARD

By: John Hatch
Chief Engineer

Division of Water Rights
Dept. of Water and Natural Resources

DEC 1 1988

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter 7" Depth 1651'
- b) Casing Type steel Diameter _____ Thickness _____
- c) Screen Type none Diameter _____ Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 1620
- f) Depth to Water (ground surface to water level) 80'
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others _____

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

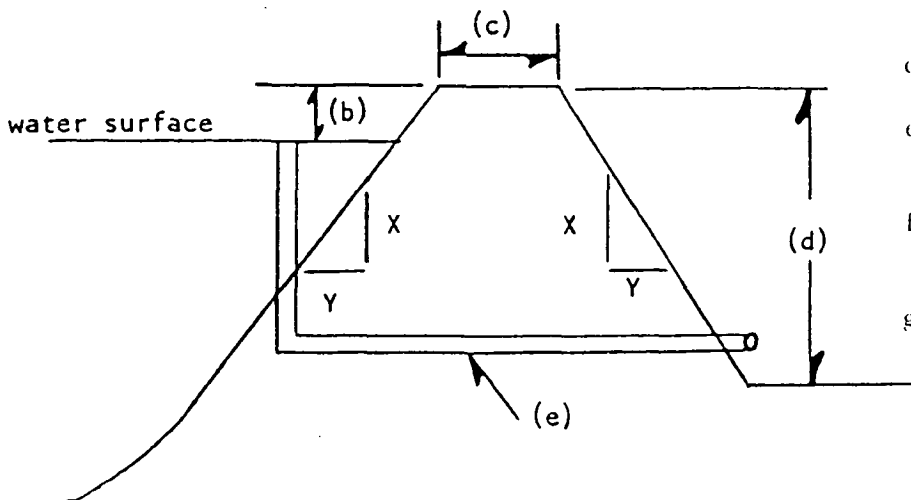
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant _____

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter 6 1/4" Depth 1735'
- b) Casing Type steel Diameter _____ Thickness _____
- c) Screen Type none Diameter _____ Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 1565
- f) Depth to Water (ground surface to water level) 120
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others _____

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
 If Pipe, diameter _____

f) Secondary Spillway Capacity _____
 Spillway width _____

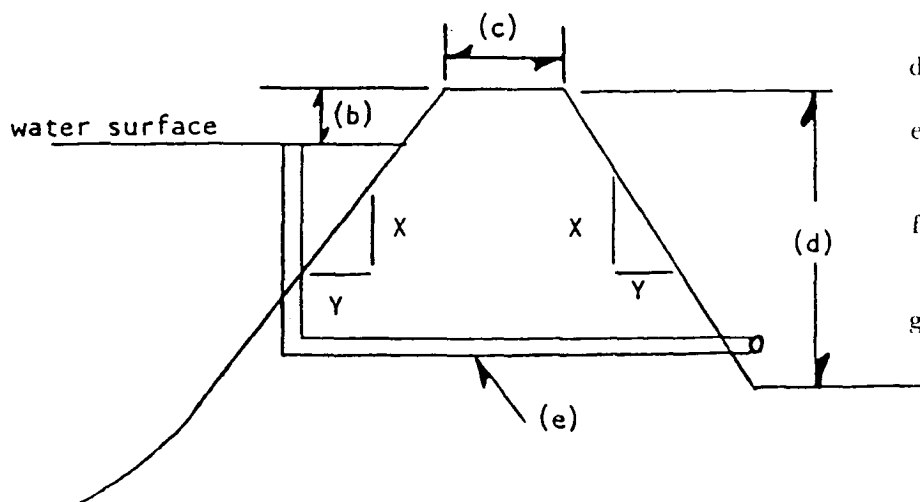
g) X & Y Slope
 Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant _____

ARCHITECTS - ENGINEERS

115 ST. JOSEPH STREET, RAPID CITY, SOUTH DAKOTA 57701 • 605/343-8432

PROJECT RIVER OAKS COMMUNITY WATER SYSTEM IMPROVEMENTS

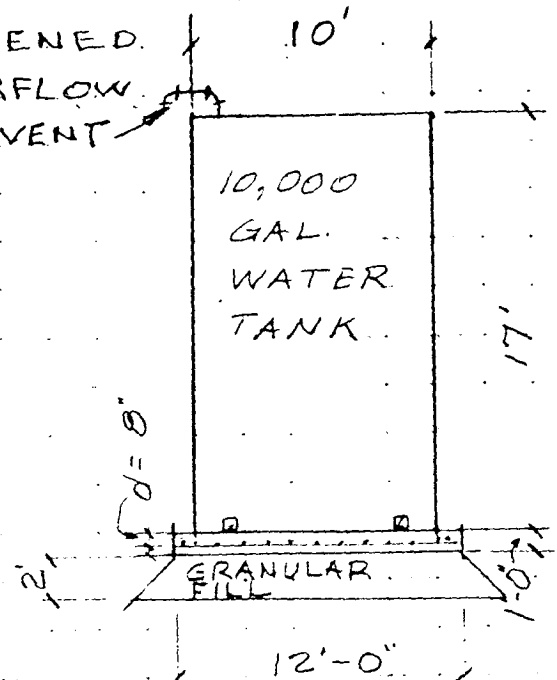
NO. 8511

DATE 4-12-85

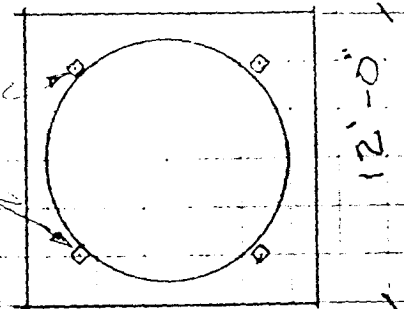
NOTES:

1. ALL CONSTRUCTION SHALL COMPLY WITH THE SOUTH DAKOTA AND UNIFORM PLUMBING CODES.
2. REINFORCING STEEL: GRADE 60; NO. 50 BARS AT 1" INCHES BOTH WAYS. INSTALL REINFORCING THREE INCHES ABOVE BOTTOM OF SLAB.
3. CONCRETE COMPRESSIVE STRENGTH: 3,000 PSI.
4. PREPARATION: REMOVE TOP SOIL AND ALL VEGETATION FROM SITE OF TANK; EXCAVATE AT LEAST 2' - 0" BELOW SURFACE TO SOIL OF UNIFORM DENSITY; COMPACT SUBGRADE AND FILL EXCAVATION WITH GRADED, COMPACTED, GRANULAR FILL.
5. CONNECT TANK TO MAIN WITH 3" PIPE; INSULATE AND PROTECT PIPE FROM FREEZING.
6. INSTALL TANK LEVEL AND PUMP CONTROLS IN CONDUIT.
7. ANCHOR TANK TO SLAB WITH 4" X 3" X 1/4" ANCHORS WELDED TO TANK AND ANCHORED TO SLAB WITH 3/4" DRILL ANCHORS.
8. PROVIDE NEW PRESSURE BOOSTER PUMP IN EQUIPMENT ROOM. DISCONNECT EXISTING PUMP CONTROLS FROM WELL PUMP AND CONNECT THEM TO OPERATE THE NEW PUMP.
9. PROVIDE NEW WATER LEVEL CONTROLS IN NEW STORAGE TANK AND CONNECT THESE CONTROLS TO OPERATE THE EXISTING WELL PUMP.
10. CONSTRUCT WATER STORAGE TANK OF STEEL WITH INTERIOR COATING MEETING ALL CODE REQUIREMENTS FOR POTABLE WATER STORAGE, AND EXTERIOR COATING TO RESIST CORROSION AND DAMAGE FROM OVERFLOW AND WEATHER. PROVIDE ALL REQUIRED OPENINGS AND THREADED CONNECTIONS FOR WATER PIPING, CONTROLS AND SERVICE.
11. ALLOWABLE SOIL PRESSURE: 1,450 PSF.

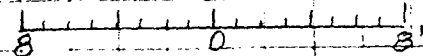
SCREENED OVERFLOW AND VENT



4x3x1/4 ANCHORS



PLAN



ARCHITECTS - ENGINEERS

115 ST. JOSEPH STREET, RAPID CITY, SOUTH DAKOTA 57701 • 605/343-8432

PROJECT RIVER OAKS COMMUNITY WATER SYSTEM IMPROVEMENTS **NO.** 8511

PENNINGTON COUNTY, SOUTH DAKOTA **DATE** APRIL 1985

PUMP SCHEDULE

CONTROL DIAGRAM & REQUIREMENTS

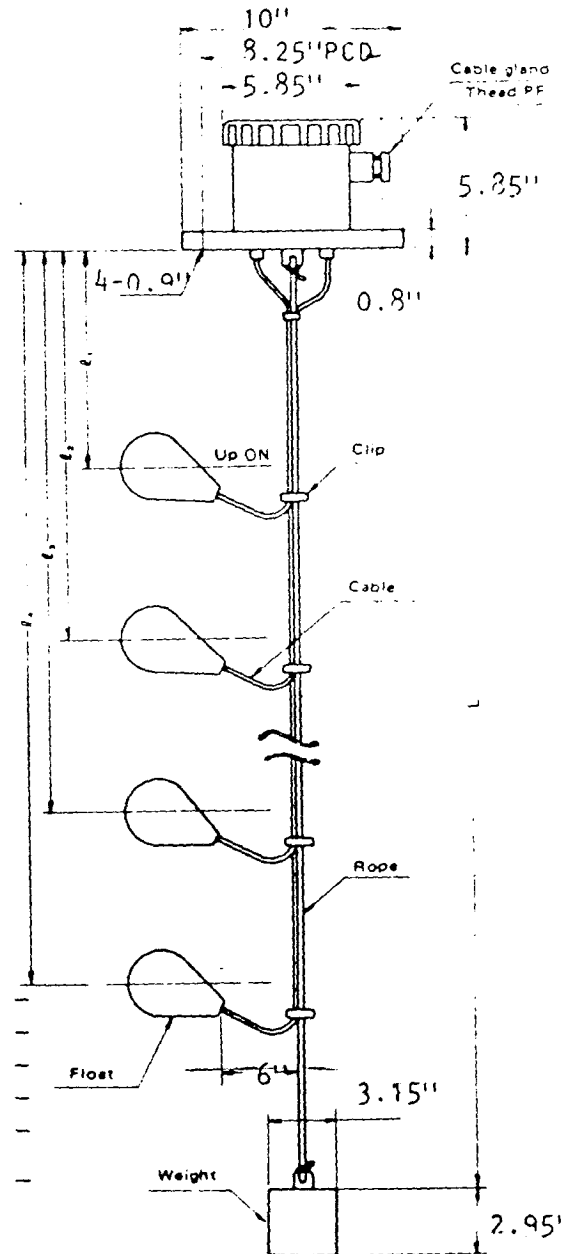
MARK	P-1
LOCATION	EQUIPMENT ROOM
QUANTITY	1
TYPE	CLOSE COUPLED CENTRIFUGAL

GPM	178
HEAD FT	122

ELEC: HZ	60
VOLTS	208
PHASE	3

HP	10
RPM	3500
MATERIAL	ALL BRONZE

MODEL	316T
MANUFACTURER	BELL & GOSSETT ITT
REMARKS	INSTALL PUMP ON 6" HIGH CONCRETE BASE ANCHORED TO FLOOR TO PREVENT STRESS ON PIPING.



ALARM ON AT 6" FROM TOP OF TANK
 PUMP OFF AT 8" BELOW TOP OF TANK
 PUMP ON AT 60" BELOW TOP OF TANK
 ALARM ON AT 180" BELOW TOP OF TANK

Pennington

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: SE 1/4 5 N 1/4 5 W Section 30 Township 1 N Range 7 E
 Well owner Don Vetch 17. City
 (Name) (Address)
 Date well drilling completed 6-10-76 Purpose of well P. A.
 (Domestic, irrigation, municipal, industrial, other)

WELL LOG

LEVERS, top to top in feet	Description of layer
<u>Gravel</u>	<u>500'</u>
<u>Gravel</u>	<u>9 27</u>
<u>Muddy</u>	<u>12 15</u>
<u>S. P. S.</u>	<u>15 12</u>
<u>Gravel</u>	<u>16 20</u>
	<u>16 51 TD</u>

Depth to top of water producing aquifer 16 20' ft.
 Depth to static water level 80' ft.
 Name of producing aquifer (if known) Gravel
 Total depth of drill hole 16 51 ft.
 Depth to bottom of casing 16 51 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.
6 21' 7" Cement TB 23.66
10 65' 4" 11.66

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

27' 4" 1/2" perf.

If a flowing well, flow of completed well _____ G.P.M.

Willie Vetch
 Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump 5 hp 12 ft HP 15
 Type of pump Sub Capacity of installed pump 110 G.P.M.
 Depth of pump placement 378 ft., Date of pump installation 6-10-76

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

Willie Vetch
 Name of Pump Installation Contractor

4-78

If other, specify _____

Pumping Level Below Land Surface				
	ft. After		Hrs. pumped	GPM
_____	" "	_____	" "	"
_____	" "	_____	" "	"

(Use Back If Necessary)

Signed By W. J. [Signature] Date 4-19-75

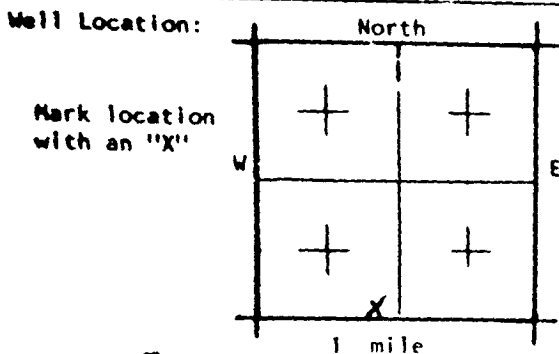
600' 7" (Casing Hatched)
4" Bored off at 580'
Holed to T.D. 1735

WELL DRILLERS REPORT
SOUTH DAKOTA WATER RIGHTS COMMISSION

4-78

Well Owner:
Name Don Vetsch
Address Rapid City

Water Level Information:
Static water level 120' below land surface
If flowing: closed in pressure PSI
rate of flow GPM.
Controlled by:
☐ Valve ☐ Reducers ☐ Other
If other, specify



County Pennington
1 1 1 Sec. 17 Twp. 2 Rg. 8 E

Proposed Use:
☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☒ Industrial ☐ Stock

Method of Drilling:
☒ Forward Rotary ☐ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other

Well Construction:
Diameter of Hole 6 1/4
Depth
Casing ☒ Steel ☐ Concrete
☐ Plastic ☐ Other
If other, specify
Was casing end left open no
Was a well screen installed no
Describe Well Screen
Diameter Material
Slot size
Was well gravel packed no
Was well grouted yes
Was water sample taken yes

Remarks:

600' 7" Casing Grouted
4" Backfill at 580'
Used to T.D. 1735

Well Test Data:
☐ Pumped Surbed.
☐ Bailed Describe:
☒ Other
Pumping Level Below Land Surface
 ft. After Hr. pumped GPM
 " " " " " " " " " " " "

Well Log:

Formation	Depth	
	From	To
<u>Sandstone</u>	<u>1365</u>	<u>1580</u>
<u>T.D.</u>	<u>1735</u>	

(Use Back if Necessary)

Date Completed: 4-14-79

Driller: W. Thompson 314
Driller's or Firm's Name License No.
1100 R.4 57701
Address

Signed By W. Thompson 4-14-79
Date

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411140

Pierre, February 1, 19 88
Suite 100

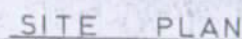
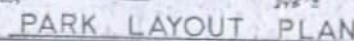
RECEIVED OF ROC Properties, Inc. 7395 E Orchard Rd./ Inglewood, CO 80111

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

Fee for Application for Permit No. <u>2051-2</u> to Appropriate Water, to construct works and to put water to beneficial use _____	325	00
Fee for Application for Permit No. _____ to Appropriate Water for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	325 00

By John Hatch
Chief Engineer JOHN HATCH (MS)

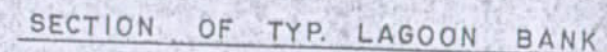
The West Half of The East Half (W 1/2 E 1/2) and
The East Half of The West Half (E 1/2 W 1/2) of
The Southeast Quarter of The Southwest Quarter
(SE 1/4 SW 1/4) of Section Twenty (20) Township Two (2)
North, Range Eight (8) East of The Black Hills
Meridian, Pennington County, South Dakota.


$$904617'' = 200'$$
6 CALF: 1st MID

SCALE: 1" = 50'

STORAGE LOCKER	BUILDING LAYOUT
-------------------	--------------------

A07 TP 5C46A



NO SCALE

GENERAL: ENTIRE INSTALLATION SHALL CONFORM TO ALL STATE AND LOCAL CODES.

1. WATER PIPING FOR SIZES 1" AND LESS SHALL BE MSL-PVC-160 P.S.I., FLEXIBLE PLASTIC. WATER PIPING LARGER THAN 1-1/2" SHALL BE PVC-160 P.S.I., "RING-TITE" RIGID PLASTIC.
2. WATER BURY DEPTH SHALL BE NOT LESS THAN SEVEN FEET.
3. PROVIDE A 3/4" CONTROL VALVE ABOVE GRADE WITH AN ADDITIONAL 3/4" TEE FOR A LAWN FAUCET AT EACH TRAILER PAD.

1. SEWER PIPING SHALL BE TYPE PVC RIGID PLASTIC, ASTM D2034 W/RING TITE FITTINGS.
2. BACKFILL SHALL BE FREE OF ROCKS & DEBRIS.
3. MINIMUM SEWER DEPTH SHALL BE FOUR FEET.
4. 4" END VENT ON EACH LATERAL SHALL GOOSENECK W/SCREENED TERMINAL 18" MINIMUM ABOVE GRADE.
5. PIPE AT EACH TRAILER PAD SHALL TERMINATE 4" ABOVE GRADE AND BE ENCASED IN AN 18" X 18" X 4" CONCRETE PAD.
6. PROVIDE A 80" MANHOLE, DEPTH AS REQUIRED, WITH MEDIUM DUTY RING AND COVER.

1. ENTIRE LAGOON INSTALLATION SHALL BE IN ACCORDANCE W/STATE & COUNTY HEALTH DEPT. REQUIREMENTS.
2. HORIZONTAL INLET SHALL BE IN THE CENTER OF THE LAGOON W/AN APPROXIMATELY 16-FOOT SQUARE X 18" DEEP DEPRESSION AREA CENTERED ON THE PIPE TERMINAL.
3. PROVIDE A SEAL LAYER ON THE BOTTOM & SIDES OF THE LAGOON UP TO THE MAXIMUM WATER LEVEL. THE MOST DENSE SEAL MATERIAL AT THE SITE SHOULD BE SELECTED & STOCKPILED, THEN SPREAD BACK OVER THE LAGOON BOTTOM & COMPACTED WITH A ROLLER. IF THE FINISHED GRADED LAGOON BOTTOM APPEARS TO BE DENSE & UNIFORM SEAL, THEN IN LIEU OF HAULING LAY SEAL BACK IN THE BOTTOM SHALL BE SCARIFIED TO ABOUT 6" DEPTH & RECOMPACTED WITH A ROLLER.

ELECTRICAL DISTRIBUTION LAYOUT TO
BE BY WEST RIVER RURAL ELECTRIC 4430

NATURAL GAS PIPING LAYOUT TO BE
BY MONTANA-DAKOTA UTILITIES CO.

SOUTH Dakota Department of
Water & Natural Resources

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

November 20, 1987

Jim Grange
ROC Properties, Inc.
7395 E. Orchard Road
Inglewood, Colorado 80111

Dear Mr. Grange:

Enclosed is a set of partially completed water permit application forms and an instruction sheet. I have highlighted the areas you need to be concerned with.

Please complete the application with the following information:

- 1) amount of water claimed (cubic feet per seconds)
- 2) location of the wells (see enclosed well logs)
- 3) brief description of project (i.e., # of hookups etc.).

A map of the area (see instruction sheet) and two completed copies of Form 2A (for each well) must also accompany the application.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Natural Resources Analyst

GM:ms
Enc.



December 15, 1987

Ms. Genny McMath
Natural Resources Analyst
South Dakota Department of
Water and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181

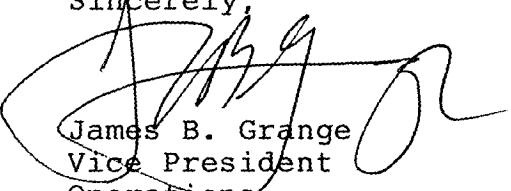


Dear Ms. McMath:

Enclosed please find the completed water permit applications you sent me along with a check for \$250.00 to cover the associated costs. If you find, after reviewing the enclosed, that you still need additional information, please feel free to contact me.

I appreciate all of your help in this matter.

Sincerely,



James B. Grange
Vice President
Operations

/dlt
enclosures

cc: Cliff Rasmussen



Department of Water & Natural Resources

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

January 5, 1988

Jim Grange
ROC Properties, Inc.
7395 E. Orchard Road
Inglewood, Colorado 80111

Dear Mr. Grange:

This letter is in response to the water permit applications received on December 18, 1987 for ROC Properties, Inc. (Vetch's Country Village). The following information is needed to complete the permit application:

1. I have combined the two applications into one application for 448 gpm from two wells. The application fee for 448 gpm without an annual water volume limitation is \$325.00. The fee structure is based on the number of acre-feet of water pumped annually (see instruction sheet). The total number of acre-feet pumped at 448 gpm for one year is approximately 720 acre-feet (234,612,700 gallons). You may want to specify an annual number of acre-feet or gallons on the application less than 720 acre-feet; however, the amount specified should consider any possible future increase in water use. Enclosed is the check for \$250.00.
2. The location of the two wells needs to be specified to the nearest 40 acre area for Questions No. 4.
3. The enclosed map of sections 17, 20-T2N-R8E needs to have the well locations marked with "X's" and be signed according to directions on the instruction sheet.
4. The applications need to be signed and notarized as indicated with the red "X's".

The application forms need to be completed and returned with the application fee and map before processing of the application can begin. Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Ron Duvall".

Ron Duvall
Natural Resources Engineer
(605) 773-3352

REPORT ON APPLICATION No. 2051-2
ROC Properties Inc.
March 18, 1988

Permit Application No. 2051-2 proposes to appropriate a total of 1.0 cubic feet of water per second from 2 wells 1651 and 1735 feet deep located in the SE 1/4 SW 1/4 Sec. 17 and the SE 1/4 SW 1/4 Sec. 20; both in T2N-R8E. Water is used for commercial purposes to supply the North and South units of the Country Village Mobile Home Park

Aquifer: Inyan Kara Aquifer

Geology and Aquifer Characteristics:

The Completion Reports submitted with this application, indicate the wells that are to be used to supply this application are completed into the Lakota Formation. The Lakota Formation is composed of cross-bedded, channel-fill sandstone, shale and locally some limestone. The Lakota Formation is unconformably overlain by the Fall River Formation which consists of well bedded, fine-grained sandstone, with some siltstone and claystone. The Lakota Formation and the Fall River Formation make up the Inyan Kara aquifer. The Inyan Kara aquifer is approximately 200 feet thick in this area (Rahn, 1979). The Inyan Kara aquifer underlies approximately 1,245,440 acres of Pennington County and contains an estimated 23,352,000 acre-feet of recoverable water in storage in the county (Allen, 1984). The Inyan Kara aquifer is under artesian conditions and the well logs indicates the static water level of these wells are 80 and 100 feet below ground surface respectively.

The applicant's wells have been in use for 12 years and 7 years respectively with no reported controversy. The average annual recharge to the Inyan Kara has not been quantified and the source has not been identified. Possible sources of recharge include: Meteoric water and downward leakage through the overlying shale; water taken in at the outcrop; and upward migration of water from the underlying Paleozoic aquifers along solution collapses and breccia pipes associated with fractures. There are no aquifer-test data for the Inyan Kara aquifer in this area; therefore the aquifer characteristics are unknown. Estimates from regional studies of the aquifer indicate that the aquifer transmissivity may range from 300 to 3800 ft²/d and that the storage coefficient may range from 1.2 E⁻⁴ to 2.3 E⁻⁵. The concentration of Radium-226, a product of uranium radioactive decay, exceeds the national drinking water standard in some areas of the Inyan Kara aquifer. The latest analysis of water from these wells indicates that radionuclide concentrations do not exceed drinking water standards.

The Division of Water Rights does not monitor any observation wells completed into the Inyan Kara aquifer in this area. The two Mobile home parks that are supplied by these wells utilize waste water treatment lagoons to dispose of effluent.

The Inyan Kara aquifer and the Lakota Formation in particular are extensively used in Western South Dakota for domestic and some appropriative uses. This source is the easiest to develop and the least costly reliable water for much of the area.

Review of Existing Water Rights:

There are three existing Water Permits supplied by the Inyan Kara aquifer within approximately three miles of the applicant's wells, they include:

Permit #	Owner	Loc.	cfs
870-2	Town of Box Elder	SE Sec.23,T2N-R8E	0.22
1587-2	Weston Development, Inc.	NE Sec.2,T2N-R7E	0.223
1790-2	Berry Patch Campground	SW Sec.29,T2N-R8E	0.17

The Division of Water Rights has record of several domestic wells completed into the Inyan Kara in this area.

Conclusions:

1. Application No. 2051-2 proposes to appropriate 1.0 cubic feet of water per second from two wells completed into the Inyan Kara aquifer.
2. The Inyan Kara aquifer is a viable aquifer in this area and there is a reasonable probability that unappropriated water is available.
3. Well interference should not be a problem, and this appropriation can be made without impairment of existing water rights.
4. The wells that are to be used to supply this permit have been in use for several years with no reported controversy.



Kent Buhler
Natural Resources Engineer

References:

Allen, J.C., D. Iles, A. Petres, 1984, Analysis of Groundwater and Streamflow Data, Western Dakotas Region of South Dakota, Tasks 3 & 4: Groundwater Resource Inventory, U.S. Army Corps of Engineers Contract DAWC 45-82-C-0151, DWNr, Division of Geologic Survey, Vermillion SD

Division of Water Rights, 1988, "Domestic Well Log Files, and Water Permit Files", DWNr, Division of Water Rights, Joe Foss Building, Pierre SD

Rahn, P.H., 1979, Ground Water Resources of Western South Dakota, U.S. Army Corps of Engineers, SDSM&T Project # 2533, Rapid City SD

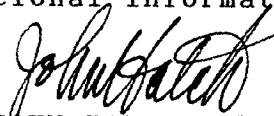
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2051-2, ROC Properties, Inc.

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 2051-2, ROC Properties, Inc., 7395 East Orchard Road, Inglewood CO.

The Chief Engineer is recommending APPROVAL of Application No. 2051-2 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

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

See the attached report for additional information.


JOHN HATCH, Chief Engineer
March 21, 1988



Department of Water & Natural Resources

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

April 5, 1988

Rapid City Journal
Box 450
Rapid City, South Dakota 57701

Dear Sir:

Enclosed is a Notice of Hearing on Application No. 2051-2 to be published twice. Please publish the first notice on or before April 12, 1988 with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is ROC Properties, 7395 E. Orchard Dr., Suite 100, Inglewood, CO 80111.

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

CUT HERE

FIRST TRANSMITTAL NOTICE
No. _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name _____

Newspaper _____



Department of Water & Natural Resources

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

Water Rights Division
(605) 773-3352

NOTE:

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

ROC Properties, Inc.
7395 E. Orchard Dr., Suite 100
Inglewood, Colorado 80111

Dear Sir:

Your Application No. 2051-2 for a permit to appropriate water for

mobile home park use, has been examined and found to
comply with the South Dakota Water Laws and applicable rules. A notice of
your intent to appropriate water has been sent to the Publisher of the

Rapid City Journal printed at Rapid City,

South Dakota. For your information, a copy of this notice, the recommendation
of the Chief Engineer and a report on the application are enclosed. Please
review this notice prior to publication and notify this office, if you have
any corrections or questions.

BE SURE TO CONTACT THE ABOVE NEWSPAPER IMMEDIATELY TO AUTHORIZE PUBLICATION
OF YOUR NOTICE OF INTENT TO APPROPRIATE WATER AND TO ARRANGE FOR PAYMENT.
Early contact with the paper can eliminate delays. The publisher has been
instructed to publish your notice once each week for two consecutive weeks
with the last publication to occur at least twenty days before the board
meeting. We must receive Proof of Publication before the application can be
considered by the Water Management Board.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ron Duvall".

RON DUVALL
Natural Resources Engineer

enclosures

Instruction to Newspaper - Publish first publication of the following Notice on or before April 12, 1988 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 2051-2 to Appropriate Water
~~and/or to Amend Water Permit or Water Right No. _____~~

Notice is hereby given that ROC Properties, Inc. whose mailing address is 7395 E. Orchard Rd., Inglewood, Colorado 80111, ~~South Dakota~~ has made an application for a permit to appropriate a total of 1.0 cubic feet of water per second from 2 wells (Inyan Kara Aquifer) 1651 and 1735 feet deep located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 17 and the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 20, both in T2N-R8E. Water is used to supply the North and South units of the Country Village Mobile Home Park.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 2051-2 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at room 216, Joe Foss Building, 523 E. Capitol, Pierre, South Dakota ^{on} May 11 19 88 at 10:00 am.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and the Chief Engineer by April 29, 1988. The petition may be informal, but it must include a statement describing the petitioners interest in the application, the reasons for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2 46-5-30.4, 46-5-31; ~~(ground)~~ 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; ~~(future use)~~ 46-5-38 thru 46-5-40, ~~(transfer lands)~~ 46-5-30.4, 46-5-33 thru 46-5-35, ~~(10,000 AFA)~~ 46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15, ~~(future use)~~ 74:02:01:24 thru 74:02:01:25, ~~(10,000 AFA)~~ 74:02:01:15:02 thru 74:02:01:15:05.

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

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by April 29, 1988.

STATE OF SOUTH DAKOTA)
) ss.
County _____)

I, Mary K. Garness hereby

Water was taken from the Rapid City Journal

City of Rapid City

April 11, 1988

April 18, 1988

✓ Mary K. Garness
(Signature)

Bookkeeper
(Title)

April 18, 1988
(Date Signed)

Cost of Printing: Ran 8 14/16 inch legal advertising
in the Rapid City Journal on April 11 & 18 @ \$4.20 per inch
= \$74.56

Ran public notice of hearing (ROC Prop. Inc.)

April 11, 18 L186
NOTICE OF HEARING
ON APPLICATION NO. 2051-2
TO APPROPRIATE WATER

Notice is hereby given that ROC Properties, Inc. whose mailing address is 7395 E. Orchard Rd., Inglewood, Colorado 80111, has made an application for a permit to appropriate 1.0 cubic feet of water per second from 2 wells (Inyan Kara Aquifer) 1,651 and 1,735 feet deep located in the SE1/4SW1/4 Section 17 and the SE1/4SW1/4 Section 20, both in T2N-R8E. Water is used to supply the North and South units of the Country Village Mobile Home Park.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends Approval of Application No. 2051-2 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at Room 216, Joe Foss Building, 523 E. Capitol, Pierre, South Dakota, on May 11, 1988 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, BOTH the Applicant and the Chief Engineer by April 29, 1988. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reasons for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of SDCI 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-19, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02-01:01 thru 74:02-01:15.

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

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNH, Joe Foss Bldg., Pierre, S.D., (605-773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by April 29, 1988.



Department of Water & Natural Resources

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

April 20, 1988

Mary K Garness, Bookkeeper
Rapid City Journal
PO Box 450
Rapid City SD 57709

Dear Ms. Garness:

This letter is in response to receipt of the enclosed Proof of Publication on April 20, 1988. I am returning the Proof of Publication because your signature was omitted. Please sign the Proof of Publication where indicated and return to the Division of Water Rights. Application No. 2051-2 can not be considered by the Water Management Board until a signed Proof of Publication is received.

Thank you for your time and consideration.

Sincerely,

A handwritten signature in cursive script that reads "Ron Duvall".

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.





Department of Water & Natural Resources

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

April 26, 1988

Application No. 2051-2

Gloria Finley
5005 Old Cedar Lake Rd
Minneapolis MN 55416

Dear Ms. Finley:

Enclosed is a copy of a Notice of Transfer of Water Permit form. This form must be signed by the owner before a notary and returned to this office with a filing fee of \$2.50.

Upon receipt of the enclosed form and the \$2.50 filing fee, the permit application will be transferred to the proper name. South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a Water Permit or Water Right to appropriate water to be filed with this office within ninety days.

Please contact us if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMATH".

GENNY MCMATH
Natural Resource Analyst
605 773-3352

enclosure

NOTICE OF TRANSFER OF WATER PERMIT APPLICATION

TO: Water Rights
Foss Building
Pierre, SD 57501

Date: April 28, 1988

This is to notify you that the title to the lands described as follows:

Country Village
mobile home park, RR 10 Box 1735, Rapid City, SD 57701

formerly owned by ROC Properties, Inc., 7395 E Orchard Rd, Inglewood CO

CVRC Limited Partnership
has been transferred to 5005 Old Cedar Lake Road, St. Louis Park, MN 55416

(please include complete mailing address)

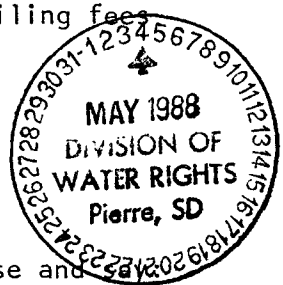
together with any rights to the beneficial use of water thereon as evidenced by

Water Permit Application 2051-2 as provided for in SDCL 46-5-32 and 46-5-33.

You are therefore hereby requested to file this "Notice of Transfer of Water Permit" in its appropriate file at the Div. of Water Rights, Water Management Board as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is hereto attached to cover filing fees as required under SDCL 46-2-13.

MINNESOTA
STATE OF ~~SOUTH DAKOTA~~)
County of HENNEPIN) ss.



I, Robert Larson being first duly sworn on my oath despose and That my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and I know of my own personal knowledge that the information herein stated is true.

Robert Larson
(Signed)

Subscribed and sworn to before me this 28th Day of April, 1988.



Gloria Finley
(Notary Public)

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411237

Pierre, _____ May 4 _____, 19 88

RECEIVED OF CVRC Limited Partnership, 5005 Old Cedar Lake Road, St. Louis Park, MN
the following amount in fees for services rendered as provided for by law: 55416

Fee for Application for Permit No. _____ to Appropriate Water, to construct works 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. _____		
Fee for Filing Transfer Form <u>2051-2</u>	2	50
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	2 50

By John Hatch
Chief Engineer JOHN HATCH (ms)



Department of Water & Natural Resources

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

WATER RIGHTS DIVISION
(605) 773-3352

May 4, 1988

CVRC Limited Partnership
5005 Old Cedar Lake Road
St. Louis Park, MN 55416

Dear Sir:

Enclosed is receipt No. 411237 in the amount of \$2.50 which you paid for transfer of Water Permit Application No. 2051-2.

Our records now show you as the owner of this Application.

Sincerely,

Maxine Stirling
Secretary

ms/
Enc.



Department of Water & Natural Resources

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

Water Rights Division
605 773-3352

DEC 1 1988

CVRC Limited Partnership
5005 Old Cedar Lake Road
St. Louis Park, Minnesota 55416

Dear Sir:

Enclosed is your Water Permit No. 2051-2 as approved by the Water Management Board authorizing the water diversion system and apply the water to beneficial use, not exceeding the limits as specified in the Water Permit.

We will schedule an inspection so that the Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John Hatch".

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ms

enclosure



DEPARTMENT OF WATER & NATURAL RESOURCES

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

GREAT FACES. GREAT PLACES.

March 13, 1991

2051-2

Country Village Estates-South
RR 10 Box 1735
Rapid City, SD 57701

Dear Sirs:

I am contacting you in regard to ownership of Water Permit No. 2051-2, currently listed in the name of CVRC Limited Partnership. Enclosed is a copy of the permit for your review. It is our understanding the permit should be listed in your name rather than the above listed owner.

Enclosed is a "Notice of Transfer" form for use in filing an ownership change on Water Permit No. 2051-2. The transfer form should be completed and then signed in the presence of a notary public. Upon completion, return the form to our office with a required filing fee of \$2.50.

South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a water permit or water right to appropriate water to be filed with this office within ninety days.

Also enclosed is a "Request for 1990 Water Use Information". Please complete the form and return it along with the transfer form and filing fee. If you have any questions, please contact me.

Sincerely,

Genny McMath
Natural Resources Analyst
(605) 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

November 2, 1999

2051-2

Kathy Work
CVRC Limited Partnership
5005 Old Cedar Lake Road
St. Louis Park, MN 55416

Dear Ms. Work:

The investigation of your water use system was conducted on October 5, 1998, by Ken Buhler, staff engineer. The investigation included the extent of application of water to beneficial use, as developed under Water Permit No. 2051-2. Your final water right document, the Water License, can now be issued.

Statutes require 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 begin processing your Water License.

**Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181**

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

№ 416264

Pierre, November 18, 19 99

RECEIVED OF CWRC Limited Partnership, 5005 Old Cedar Lake Rd., St. Louis Park, MN 55416
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>2051-2</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By

John Hatch
Chief Engineer

Permit No. 2051-2
Upper Cheyenne River - Water District

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

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

I have this day, **October 5, 1998**, made a thorough examination of the water use system constructed by **CVRC Limited Partnership** of **5005 Old Cedar Lake Road, St. Louis Park, MN 55416** holder of Permit No. **2051-2**, bearing the priority of **December 18, 1987** authorizing the diversion of **1.0** cu. ft. per second of the waters of **groundwater** for **suburban housing** purposes, in **Pennington** County.

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

A. Works used to divert the water:

Water is diverted from two wells with 10 horsepower Flint and Wallings submersible pumps capable of pumping 80 gallons per minute.

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

Water is transported to place through ¾-inch polyethylene pipelines

C. Works used to apply water to beneficial use:

Water is applied to beneficial use at 180 trailer houses.

The system is in the following condition **good** The points of diversion are located **150 feet north and 2400 feet east of the southwest corner of Sec. 17, T2N-R8E; and 150 feet north and 2300 feet east of the southwest corner of Sec. 20, T2N-R8E respectively.** The works are capable of diverting and conveying to the place of use **0.356** cu. ft. per second of water which is to be used for **suburban housing**. The license should be issued for **0.356** cfs.

Applicable permit qualifications have been complied with: Yes

Exceptions to compliance are: **na** Date report completed: **October 12, 1999**



Ken Buhler
Natural Resources Engineer
DENR, Water Rights Program

FIELD INVESTIGATION REPORT FOR PERMIT NO. 2051-2

DATE OF INVESTIGATION:	October 5, 1998
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	Kathy Work Country Village Estates-South 1980 Country Road, No. 36 Rapid City, SD 57701
NAME & ADDRESS OF PERMIT HOLDER	CVRC Limited Partnership 5005 Old Ceder Lake Road St. Louis Park, MN 55416
DIVERSION POINT LEGAL LOCATION	North Well: 150 feet north and 2400 feet east of the southwest corner of Sec. 17, T2N-R8E (SE$\frac{1}{4}$SE$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 17, T2N-R8E) South Well: 150 feet north and 2300 feet east of the southwest corner of Sec. 20, T2N-R8E (SE$\frac{1}{4}$SE$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 20, T2N-R8E)

Other permit(s) associated with the project: na

WELL INFORMATION: North Well	WELL INFORMATION: South Well
1) Well Drilling Firm: <u>VenaKamp Drilling</u>	1. Well Drilling Firm: <u>VenaKamp Drilling</u>
2) No. of Wells <u>one</u>	2. No. of Wells <u>one</u>
3) Depth(s) <u>1735</u> feet	3. Depth(s) <u>1620</u> feet
4) Well log is available <u>Yes</u>	4. Well log is available <u>Yes</u>
5) Comment: _____	5. Comment: _____
Casing:	Casing:
1. Diameter <u>7 & 4</u> inches	1. Diameter <u>7 & 4</u> inches
2. Length <u>600 & 1155</u> feet respectively	3. Length <u>621 & 1060</u> feet respectively
4. Type <u>steel</u>	5. Type <u>steel</u>
Screen:	Screen:
1. Type <u>perforated casing</u>	1) Type <u>perforated casing</u>
2. Length <u>unknown</u> feet	2) Length <u>unknown</u> feet

3. Static water level <u>120</u> feet	3) Static water level _____ feet
Pump:	Pump:
1. Make <u>Flint and Wallings</u>	1. Make <u>Flint and Wallings</u>
2. Model <u>2366526010</u>	2. Model <u>2366526010</u>
3. Size <u>6-inch</u>	3. Size <u>6-inch</u>
4. Capacity <u>80</u> GPM	4. Capacity <u>80</u> GPM
Motor:	Motor:
1. Make <u>Franklin</u>	1) Make <u>Franklin</u>
2. Model No. <u>?</u>	2) Model No. <u>?</u>
3. Horsepower rating <u>10</u> hp	3) Horsepower rating <u>10</u> hp

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC 2) Size 2 inches 3) Length 20 feet
1) Type polyethylene 2) Size 3/4 inches 3) Length _____ feet

SYSTEM:

Water from the north well is pumped to a 10,000 gallon storage tank through 20 feet of 2-inch diameter PVC pipe. A jet pump pumps from storage to a pressure tank. Water is delivered to 107 trailer houses through ¾-inch Polyethylene pipe.

Water from the south well is pumped to a 10,000 gallon storage tank. A Century 2 x 1 ½ centrifugal pump (S-350381-10) pumps from storage to a pressure tank. Water is delivered to 73 trailer houses through ¾-inch Polyethylene pipe.

PERMIT QUALIFICATIONS:

- 1) Special qualifications to permit being abided by Yes
2) All structures, wells and lands on map Yes
3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period NA

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2051-2

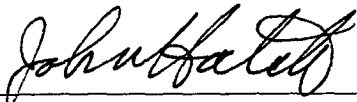
(1) ROC Properties, Inc., Inglewood CO made Application No. 2051-2, December 18, 1987 for a water permit to divert 1.0 cubic feet of water per second from groundwater (two wells), Pennington County, South Dakota for suburban housing purposes. Permit No. 2051-2, with a priority date of December 18, 1987 was approved May 11, 1988 and issued to the holder for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed.

On May 4, 1988, Water Permit No. 2051-2 was transferred to CVRC Limited Partnership.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.356 cubic feet of water per second for beneficial use. The location of the diversion points are: North well – 150 feet north and 2,400 feet east from southwest corner of Section 17 (SE ¼ SW ¼) and South well – 150 feet north and 2,300 feet east from the southwest corner of Section 20 (SE ¼ SW ¼); all in T2N-R8E.

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to supply water to Country Village mobile home park.

(4) Pursuant to South Dakota Water Law 46-5-30.1 CVRC Limited Partnership, 5005 Old Cedar Lake Road, St. Louis Park, MN 55416 the holder and/or owner of Water Right No. 2051-2 is issued a license to appropriate water, the right to use 0.356 cubic feet of water per second from groundwater (two wells) with a priority date of December 18, 1987 from the location specified in (2) of this license for suburban housing development purposes. This license is subject to any limitations or qualifications listed in Water Right No. 2051-2 and subject to South Dakota State Law.



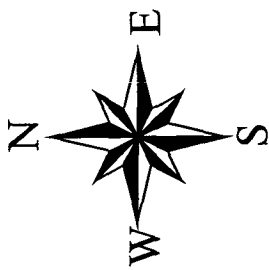
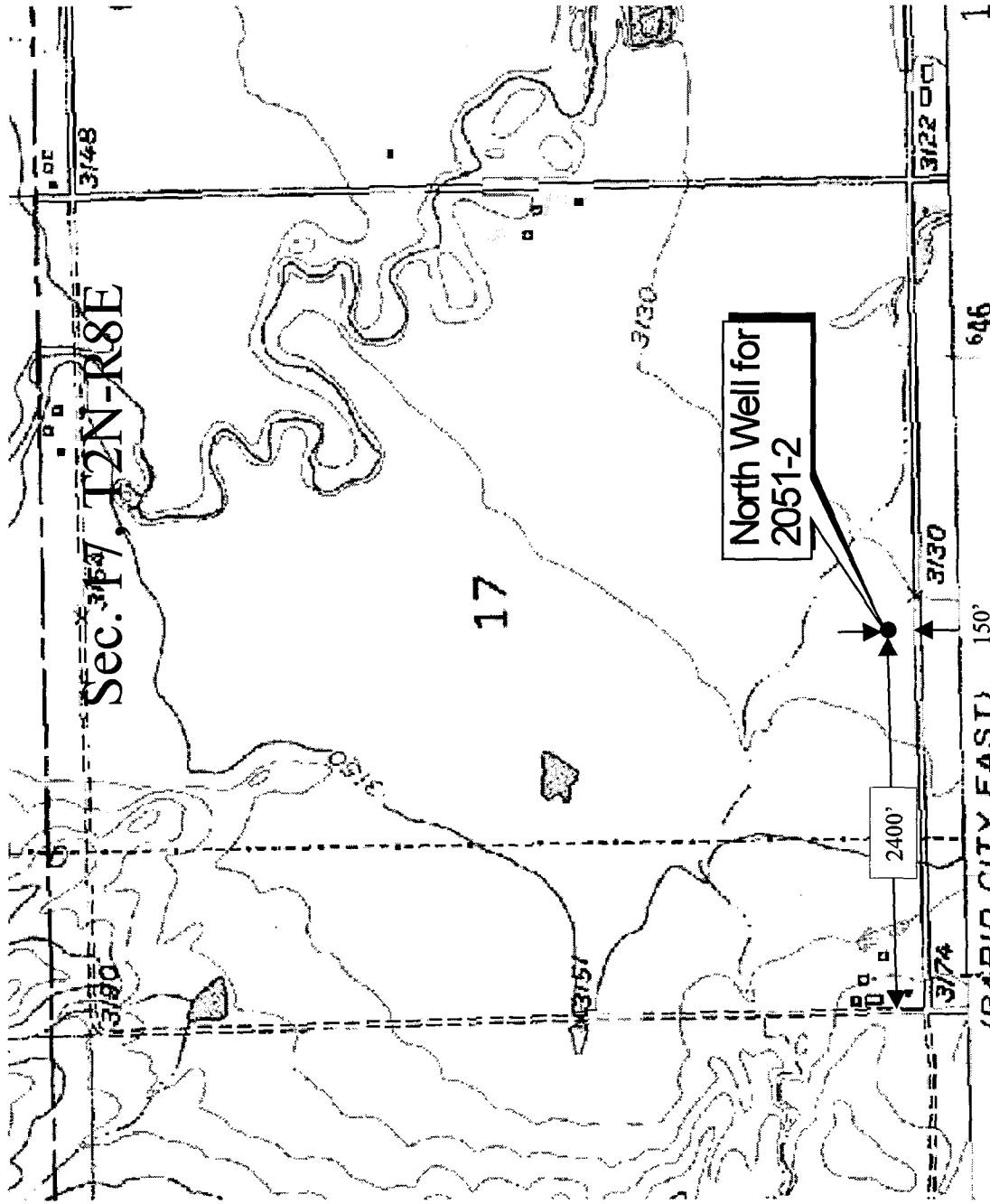
JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

DEC 10 1999

date



Water Right No. 2051-2



Ken Buhler

Ken Buhler
Natural Resources Engineer
Water Rights Program

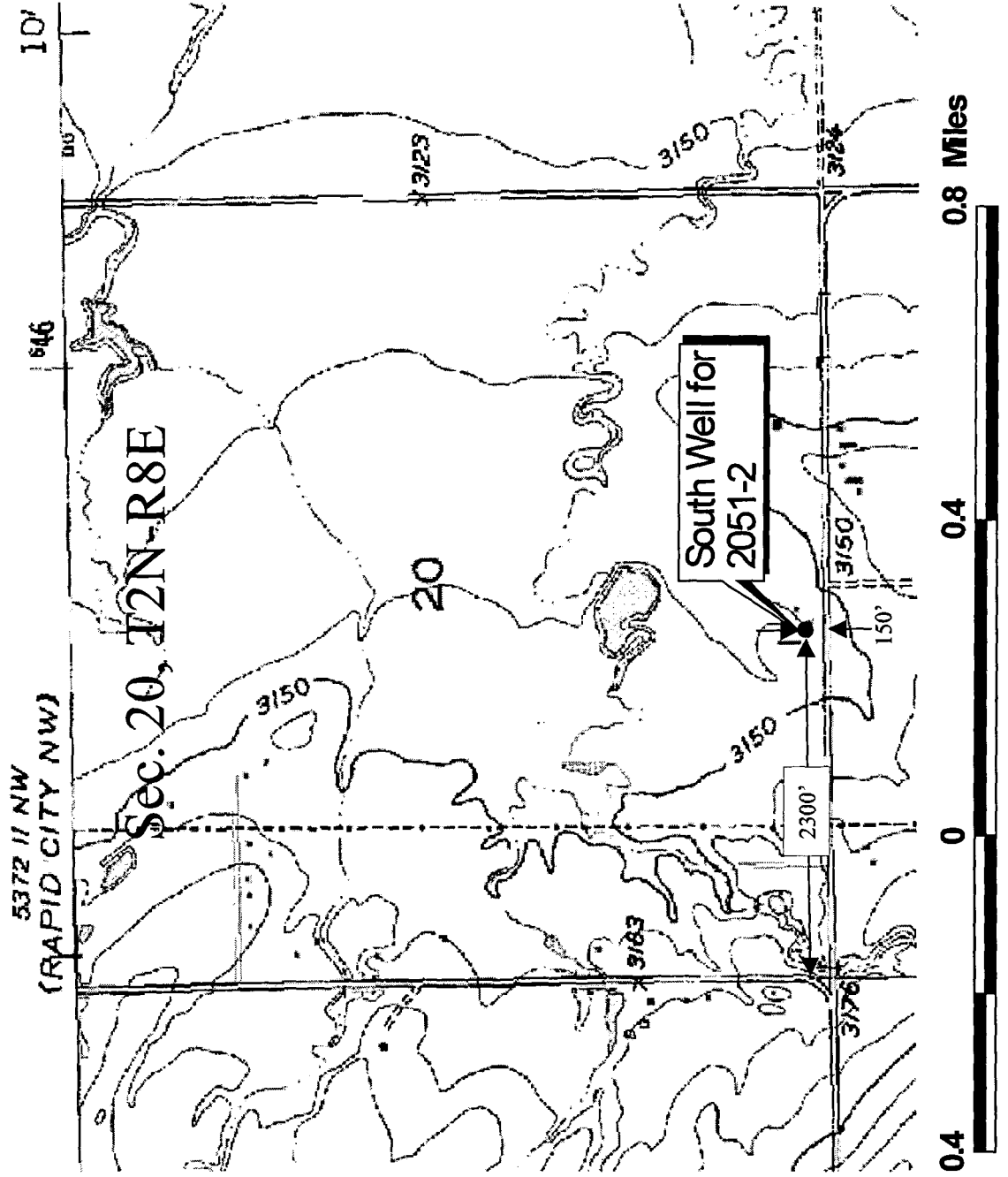
0.8 Miles

0.4

0

0.4

Water Right No. 2051-2





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

DEC 10 1999

2051-2

CVRC Limited Partnership
%Kathy Work
5005 Old Cedar Lake Rd.
St. Louis Park, MN 55416

Dear Ms. Work:

Enclosed is Water License No. 2051-2. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 416264 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

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. 2051-2, 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.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

ks
enclosures