

Considered: _____

WATER PERMIT NO. 5630-3

Phone: 352-6371

Name of Applicant: Buell & Craig Slepikas

Post Office Address: RR 2, Huron SD 57350

Amount of Water Claimed: 1.74 add'l Total Acres: 13 add'l

Source of Water Supply: groundwater

Water to be used for: irrigation County: Beadle

About 9 miles north of Huron

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY Date Received: 2-26-92 Fee: \$250 Remarks Add'l acres

and diversion rate on Water Right No. 2471-3

Corrected Application Received _____ Period of Annual Use April 1 - Sept 30

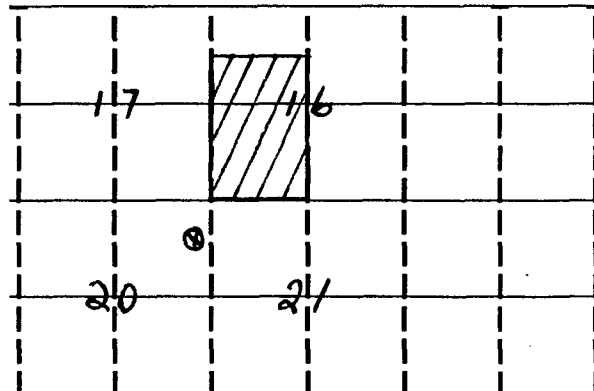
WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS use existing S/W

Diversion Point: NE 1/4 NE 1/4 Sec 20-T112N-R61W

Land to be Irrigated: SW 1/4, S 1/2 NW 1/4

Sec 16-T112N-R61W



Well Log: Driller: Pullman Well Drilling Licensed YES X NO _____

Depth of Well: 92' REMARKS _____

Type of Map: aerial PREPARED BY: Kay L Joy, SCS Reviewed and the Number _____

Assigned on 3-3-92 By Karen Schlaak

SOUTH DAKOTA
WATER PERMIT No. 2471A-3 FOR IRRIGATION

Date of first receipt of application February 19, 1992.
Date Soil/Water Compatibility Permit received December, 1975.
Date of receipt of amended application May 22, 1992.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2471A-3 to Buell and Craig Slepikas, 1254 2nd Street SW, Huron SD 57350 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. 2471A-3 changes the location of the diversion point authorized by Water Right No. 2471-3. Water Right No. 2471-3 appropriates 1.33 cubic feet of water per second from one well located in the SE 1/4 SE 1/4 Section 16 to irrigate 202 acres located in the SW 1/4, S 1/2 NW 1/4 Section 16; all in T112N-R61W. This permit changes the diversion point to one well (Tulare-Hitchcock Aquifer) 92 feet deep located in the NE 1/4 NE 1/4 Section 20-T112N-R61W. This permit does not authorize any increase in the diversion rate or acres irrigated.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 - September 30.
3. The date from which applicant may claim right is December 8, 1975.
4. The date of approval of Permit No. 2471A-3 is July 7, 1992.
5. One-fifth of the construction is to be completed on or before January 7, 1995.
6. All construction is to be completed on or before July 7, 1997.
7. Water is to be put to beneficial use on or before July 7, 2001.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

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

(continued)

2. The well authorized by Permit No. 2471A-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: 

Chief Engineer, Water Rights Division
Department of Environment and Natural Resources

JUL 13 1992

date

No. 5630 Hydrologic Unit 10160006
Basin James River
Newspaper Daily Plainsman, Box 1278, Huron

352-6401



Application For Soil/Water Compatibility Permit and Permit To Appropriate Water

- Type of Application: ☒ New ☐ Vested Right ☒ Amend Permit No. 2471-3
- ☐ Change Acreage ☒ Change diversion point(s) ☐ Add diversion point(s)
- ☐ Add Acreage ☐ Increase diversion rate ☐ Other _____
- Name of Applicant Buell + Craig Slepikas Phone No. 352-5451
Post Office Address RR 2 Huron State SD Zip Code 57350
(Street, RR or Box) (City)
 - Amount of water claimed (c.f.s.) 3.1 no add'l Total acres irrigated 215 no add'l
 - Source of Water supply Well
 - Location of point of diversion SE 1/4, NE 1/4 Sec 20, Twp 112-N, Rq 61-W
NE 1/4
County Beadle
 - Counties where water will be used Beadle
 - Annual period during which water is to be used April - September
 - 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.
SW 1/4, Sec. 16, T112N, R61W	13.2
S 1/2, NW 1/4, Sec. 16, T112N, R61W	70

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: ☒ Gun: _____ Other: _____ (Specify) _____
9. Crops to be Irrigated: Corn, Soybean, Wheat
10. Give a description of proposed project. (Attach sheet if more space is needed)

~~I will be pumping 3.1 C.f.s. to two center pivots, The first located on the SW 1/4 of Sec. 16 will be approximately 2500 feet from the well. This center pivot will use 200 C.f.s.~~
~~The second located on the S 1/2, NW 1/4 of Sec 16 will use the final 1.1 C.f.s. This center pivot will be irrigating one-half of a full circle and will be approximately 1300 feet from the first Center pivot.~~

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach maps, soils information and any other technical information.

STATE OF SOUTH DAKOTA)
County of Beadle)^{ss}

I, Craig Slepikas, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is truly representative of the water to be used, and that the matters stated in this application are true and correct.

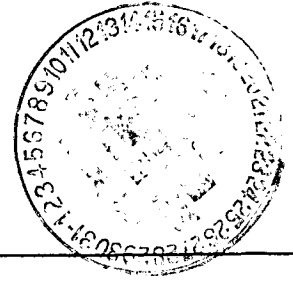
Signed Craig Slepikas

Subscribed and sworn to before me this 18th day of February 19 92

Dee Elie
Notary Public

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 6 1/2" Depth 92'
- b) Casing Type Plastic Diameter 3" Thickness _____
- c) Screen Type P.V.C. Diameter 3" Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 40'
- f) Depth to Water (ground surface to water level) 35'
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others 3/4 mile

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 _____

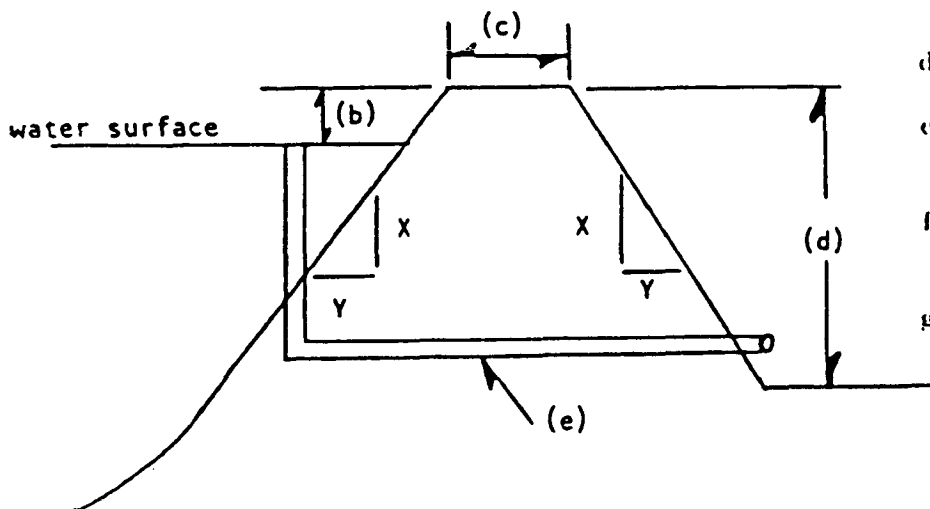
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



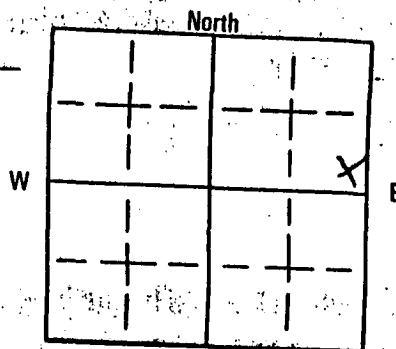
Signature of Applicant _____

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location SE 1/4 NE 1/4 Sec 20 Twp 112-N Rg 101-WCounty Beadle

Please mark well location with an "X"

Well Completion Date 8-3-89

PROPOSED USE:

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

Method of Drilling:

for ward rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT <u>3</u>	IN <u>3</u>	FT <u>0</u>	FT <u>90</u>	IN <u>6 1/2</u>
LB/FT _____	IN _____	FT _____	FT _____	IN _____
LB/FT _____	IN _____	FT _____	FT _____	IN _____
LB/FT _____	IN _____	FT _____	FT _____	IN _____

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 20 FEETWhat is grouting material? Cement & PeriteIf cement, number of sacks? 3Describe grouting procedure hi

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 3 IN Length 20 FEETMaterial B.V.C.Slot Size 5/16 Set From 70 Feet To 90 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other Information _____

As a packer or seal used? ☐ YES ☒ NO

So, what material? _____

Describe packer(s) and location? Manual JointsAs well disinfected upon completion? ☒ YES ☐ NOMicrobiological analysis ☐ YES ☒ NO

Laboratory sent to _____

Well Owner:

Name Dennis SlepikasAddress Humm. S.D. 57250

Well Log:

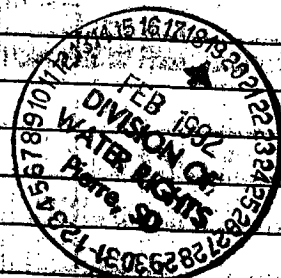
Depth

Formation

From

To

yellow clay	0	32
blue clay	32	40
medium coarse sand	40	90
chalk	92	92

STATIC WATER LEVEL 35 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☐ Bailed☐ OtherDescribe 35 y.p.m.
at 100 feet

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 440

And this report is true and accurate.

Drilling firm Pullman Well DrillingSignature of License Representative: B. S. Kirk

Signature of Well Owner: _____

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, _____ February 26, 1992

RECEIVED OF Craig A. Slepikas, 1058 2nd St. SW. Huron, SD 57352-1757

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

Fee for Application for Permit No. <u>5630-3</u> <u>2471A-3</u> 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 _____		
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	

By [Signature]
Chief Engineer



2471A-3

NOT TO SCALE





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

February 21, 1991

COPY

Craig Slepikas
1254 Second St. SW
Huron, SD 57350

Dear Mr. Slepikas:

I am writing in response to our phone conversation regarding the water permit application you and your father submitted for irrigation of lands in the SW1/4, S1/2 NW1/4 Section 16, T112N, R61W. As I discussed with you, 202 acres of these lands are currently permitted by Water Right No. 2471-3, held by George Walters (copy enclosed).

The following is the procedure in which I believe should be followed in order to transfer Water Right No. 2471-3 to your name while increasing the diversion rate, increasing the acreage to be irrigated and changing the location of the diversion point.

1. **Transfer Water Right No. 2471-3 to your name.** Enclosed is a partially completed a transfer form to accomplish this task. If you find it is correct please sign and have notarized, then submit with a \$2.50 transfer fee.
2. **Apply for a new water permit to change the point of diversion, increase the acreage by 13 acres and increase the diversion rate.** Enclosed is a partially completed application form. Please note the following on the application:
 - a. The statutory diversion rate limit for irrigating 215 acres is 3.07 cfs. This would be an additional appropriation of 1.74 cfs to the 1.33 cfs appropriated by Water Right No. 2471-3. This 3.07 cfs total diversion rate is less than the 3.1 cfs you submitted on your original application.
 - b. The application you submitted originally stated the new well is to be located in the SE1/4 NE1/4 Section 20, however, the map submitted with the application showed the well located in the NE1/4 NE1/4 of Section 20. Which is correct?
 - c. The application filing fee for an increase in diversion rate of 1.74 cfs is \$250. Enclosed is your originally submitted check for \$275, please remit the correct amount.

Test hole located 1230' from present well

- X d. Since your proposed new well location is greater than 2,000 feet from the originally permitted well, a water analysis is going to be necessary. Enclosed is an instruction sheet for taking the water sample and the mailing labels for sending the sample to the Water Resources Institute.

In addition to the enclosed partially completed forms, I am also enclosing blank forms for any changes you may feel are required. Be sure to sign and have notarized any forms you submit.

I realize this may be somewhat confusing, if you have any questions please feel free to contact me.

Sincerely,

Eric Gronlund

Eric Gronlund
Water Rights Division
605 773-3352

enclosure



Water Rights Division - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Craig Slepikas

ADDRESS: 1254 Second St. SW, Huron, SD 57350 COUNTY: Beadle

DATE: 2/24/92 TELEPHONE: _____

RE: _____

COMMENTS:

Mr. Slepikas called regarding the letter I sent him. He stated the well is to be located in the SE1/4 NE1/4 Section 20. He also stated that the new well will be located only 1200' - 1300' from the old well. I stated I did not know if Jim Stukel would still accept the water analysis but stated we'd send it over to him once we received a completed application and he could then make a determination.

Mr. Slepikas stated he would complete that partially completed application form and send them back into to us.

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:

Eric S. Hamlund



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

February 26, 1992

Craig Slepikas
1254 Second St SW
Huron SD 57350

Dear Mr. Slepikas:

We received your amended water permit application and fees. Enclosed is the map submitted for Section 20 showing the location of the diversion point. On Item No. 4 of the application, the location of the diversion point was changed to the SE 1/4 NE 1/4 Section 20-T112N-R61W. The map indicates the well is in the NE 1/4 NE 1/4 Section 20. The location of well on the map must correspond to the location on the application. Please have the necessary correction made.

The water permit application can not be considered until the application is complete and a soil/water permit is obtained from the Department of Agriculture. Upon receipt of the corrected map, further processing of your application will continue.

If you have any questions, please contact this office.

Sincerely,

Karen Schlaak

Karen Schlaak
Natural Resources Analyst
605 773-3352

enclosure

Water Rights Division - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Craig Slepikas

ADDRESS: 1254 Second St SW COUNTY: Beadle

DATE: 2/27/92 TELEPHONE: 352-6371

RE: _____

COMMENTS:

Mr. Slepikas called regarding his water permit application. He stated that the well is located in the NE1/4 NE1/4 Section 20, T112N, R61W not in the SE1/4 NE1/4 Section 20, T112N, R61W. I told him if that was the case to disregard the letter from Karen Schlaak dated 2/26/92.

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: Eric S. Honlund



Department of Agriculture

DIVISION OF CONSERVATION

Anderson Building, 445 East Capitol
Pierre, South Dakota 57501-3185
Phone 605/773-3258



Buell and Craig Slepikas
RR 2
Huron, South Dakota 57350

RE: Soil/Water Compatibility
Permit #0472-BD

Dear Buell and Craig:

In reviewing the existing Soil and Water Compatibility Permit #0472-BD under the name of George Walter, the staff has determined that the permitted was for 240 acres.

We also have been advised that the new diversion is within 2000 feet of the original well permitted in December, 1975.

As such, no additional permitting is required by this office at this time.

For further assistance or information, please contact this office.

Sincerely,

James L. Stukel, Natural Resource Program Scientist
SOUTH DAKOTA DIVISION OF CONSERVATION

JLS:ap

CC: Eric Gronlund

Water Rights Division - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Craig and Buell Slepikas Application

ADDRESS: 1254 Second St SW, Huron, SD COUNTY: Beadle

DATE: 5/22/92 TELEPHONE: _____

RE: Amendment to application

COMMENTS:

Based on a conversation Jim Goodman had with Craig Slepikas, I have amended Application No. 5630-3 to be only for the change in the point of diversion. The number of this amended application is No. 2471A-3. Mr. Slepikas wants to move forward with the change of diversion in the hopes that it is not opposed and is approved based on the Chief Engineer's recommendation so he can do it this year. Mr. Slepikas is then going to apply for the increase in the diversion rate and the 13 additional acres which we recommended DENIAL to bring this issue before the Water Management Board.

I will be sending a letter to Mr. Slepikas regarding the additional fee requirement since these are now two separate applications.

Based on these amendments the original recommendation which was for approval of the diversion point change and the denial of the additional acreage and additional appropriation of water has been removed from the file.

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: Eric Hunsford



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

June 2, 1992

Craig Slepikas
1254 2nd Street SW
Huron, SD 57350

Dear Mr. Slepikas:

I am writing in regards to your water permit application to change the point of diversion of the well authorized by Water Right No. 2471-3, to add 13 additional acres and appropriate an additional 1.74 cubic feet of water per second. The Chief Engineer's recommendation is for **APPROVAL** of the diversion point change and for **DENIAL** of these portions of your original application. Pursuant to your conversation with Jim Goodman, I have amended your current application to be solely for the change of diversion point. The notice of hearing to be published in the local newspaper will be sent to you in the next few days.

It is my understanding you still wish to pursue the application for the additional acreage and appropriation of water. The application which the Chief Engineer is recommending denial must go before the Water Management Board; however, the application for the change of diversion point may be issued without a formal Board hearing if no petitions of opposition are received in response to the public notice.

An additional application filing fee is required in order for processing to continue on the application for the new appropriation of water. The application filing fees are as follows:

Change of diversion point (amendment to WR No. 2471-3)	- \$ 50
Additional acreage and appropriation of water	- \$ 250

The fee submitted with your original application	- \$ 250
--	----------

Please submit the additional \$50 fee which is required in order to proceed with processing the application for the additional acreage and appropriation of water.

If I have incorrectly represented how you wish to proceed with your applications, or if you have any questions, please feel free to contact me.

Sincerely,

Eric Gronlund
Water Rights Division
605 773-3352

REPORT ON APPLICATION NO. 2471A-3
for Buell & Craig Slepikas
June 5, 1992

Application No. 2471A-3 proposes to change the location of the existing diversion point authorized by Water Right No. 2471-3. Water Right No. 2471-3 appropriates 1.33 cfs from one well located in the SE 1/4 SE 1/4 of section 16 to irrigate 202 acres located in the SW 1/4, S 1/2 NW 1/4 of section 16; all in T112N R61W in Beadle County. This application requests no additional water, no additional acreage and a new diversion point located in the NE 1/4 NE 1/4 of section 20; all in T112N R61W.

AQUIFER- TULARE HITCHCOCK (T-H)

The Tulare Hitchcock is a buried glacial outwash (sand and gravel) under predominantly water table conditions. The test well log submitted with this application indicates medium to coarse sand from 40 to 90 feet below land surface with a static water level of 35 feet below land surface. This would indicate that the aquifer is under slight artesian head at this particular site. The Tulare Hitchcock underlies 53,500 acres and contains an estimated 333,000 acre feet of recoverable water in storage in Beadle County (Hedges, 1982). The Tulare Hitchcock extends into Spink County to the north and is bounded by the James River to the east which acts as a discharge zone for the aquifer (Emmons, 1988). The entire Tulare Hitchcock aquifer (Spink and Beadle Counties) underlies 149,800 acres and contains an estimated 693,000 acre feet of recoverable water in storage including both counties (Hedges, 1982). Recharge to the Tulare Hitchcock has been estimated to range from 0.41 to 1.66 inches per year (Hedges, 1983) with a best fit estimate of 0.83 inches per year (Kuiper, 1984). This amounts to 23,000 acre feet per year for the entire Tulare aquifer as described in the Kuiper report. In addition to the Tulare Hitchcock in Spink and Beadle counties the Kuiper report also includes the Tulare Western Spink in Spink and Hand counties which results in a much larger area of consideration.

Water use from the Tulare Hitchcock in Beadle County was 4219 acre feet in 1990, 6138 acre feet in 1989 and 5332 acre feet in 1988 and in Spink County 3020 acre feet in 1990, 3736 acre feet in 1989 and 3596 acre feet in 1988. Assuming annual recharge of 0.83 inches, this would result in an average annual recharge of 9875 acre feet per year ¹⁰³⁶⁰ for the entire Tulare Hitchcock aquifer in both Spink and Beadle Counties. The amount of recharge occurring in Beadle County only would be approximately 3720³⁷⁰⁰ acre feet per year. Consistently the amount of pumping has exceeded the recharge estimate in Beadle County. Water levels as shown by the observation wells BD-66A and BD-80D have basically declined gradually since 1973 to the present. The time period from 1985 to 1987 did show rising water levels due to recharge but since that time water levels have continued to decline. Hydrographs for these two wells are included with this report (Water Rights, 1992).

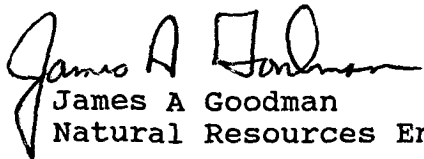
REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are five existing irrigation wells within one mile of this proposed diversion. These are Water Right Nos. 4622-3, 4147-3, 4146-3, 1523-3 and 2078-3. Moving the existing well authorized by Water Right 2471-3 approximately 1230 feet to the south will place this proposed well nearer to the five existing wells and approximately 1730 feet northwest of well #6 for Water Right No. 2078-3. There will be overlapping drawdown caused by pumping but this is not expected to be adverse. The distance between other production wells is similar to this and no problems have been reported. In addition the observation well record for this area indicates that significant drawdown does not extend very far from an individual production well.

CONCLUSIONS

1. Water is available from the Tulare Hitchcock aquifer, however, the Beadle County area of the Tulare Hitchcock aquifer shows water level declines. This is especially noticeable in the area of the proposed diversion.
2. Interference is not expected to be a concern. The record shows that overlapping drawdown will occur but this is not expected to be adverse or adversely affect water supply from the aquifer to the existing high capacity wells in the area. This may become a problem if water levels continue to decline and saturated thickness diminishes.
3. The estimate for recharge to the Beadle County portion of the Tulare Hitchcock aquifer is less than the amount of water pumped in this area for irrigation. This by itself is not so alarming since the aquifer is quite large and water can be drawn in from other areas but the decline has occurred where the aquifer is under basically unconfined (water table) conditions. Recharge is evident from the hydrographs but the decline appears to be permanent and continuing.
4. This application is to move the location of an existing well. The well can be moved with no impairment of existing rights. Both the existing well and the proposed well are for water from the Tulare Hitchcock aquifer. The priority date and the amount of water authorized by Water Right No. 2471-3 can be transferred to the new diversion point.

5. The old well if abandoned must be plugged pursuant to SD Well Construction Standards and the new well if this application is approved must be constructed in accordance with those same standards.

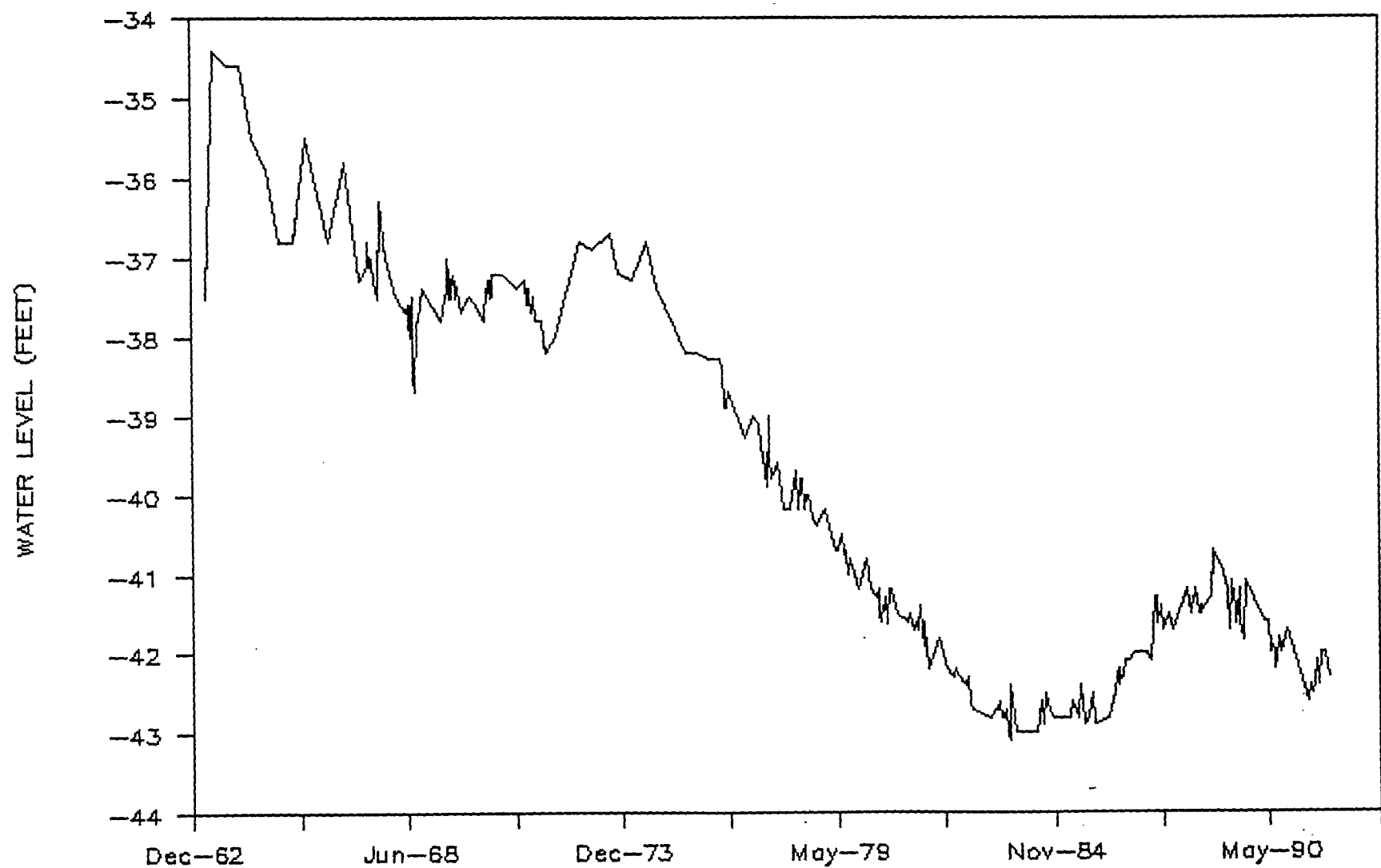

James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Emmons, P.J., 1988, A Digital Simulation of the Glacial-Aquifer System in Sanborn and Parts of Beadle, Miner, Hanson, Davison, and Jerauld Counties, South Dakota, USGS WRI 87-4082, USGS, Huron, SD, 57350.
- Hedges, L.S., etal., 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.
- Kuiper, L.K., 1984, Appraisal of the Water Resources of the Eastern Part of the Tulare Aquifer, Beadle, Hand, and Spink Counties, South Dakota, USGS WRI 84-4078, USGS, Huron, SD, 57350.
- Water Rights, 1992, Unpublished Observation Well Records for Beadle County, SD DENR, Division of Water Rights, Pierre, SD, 57501.

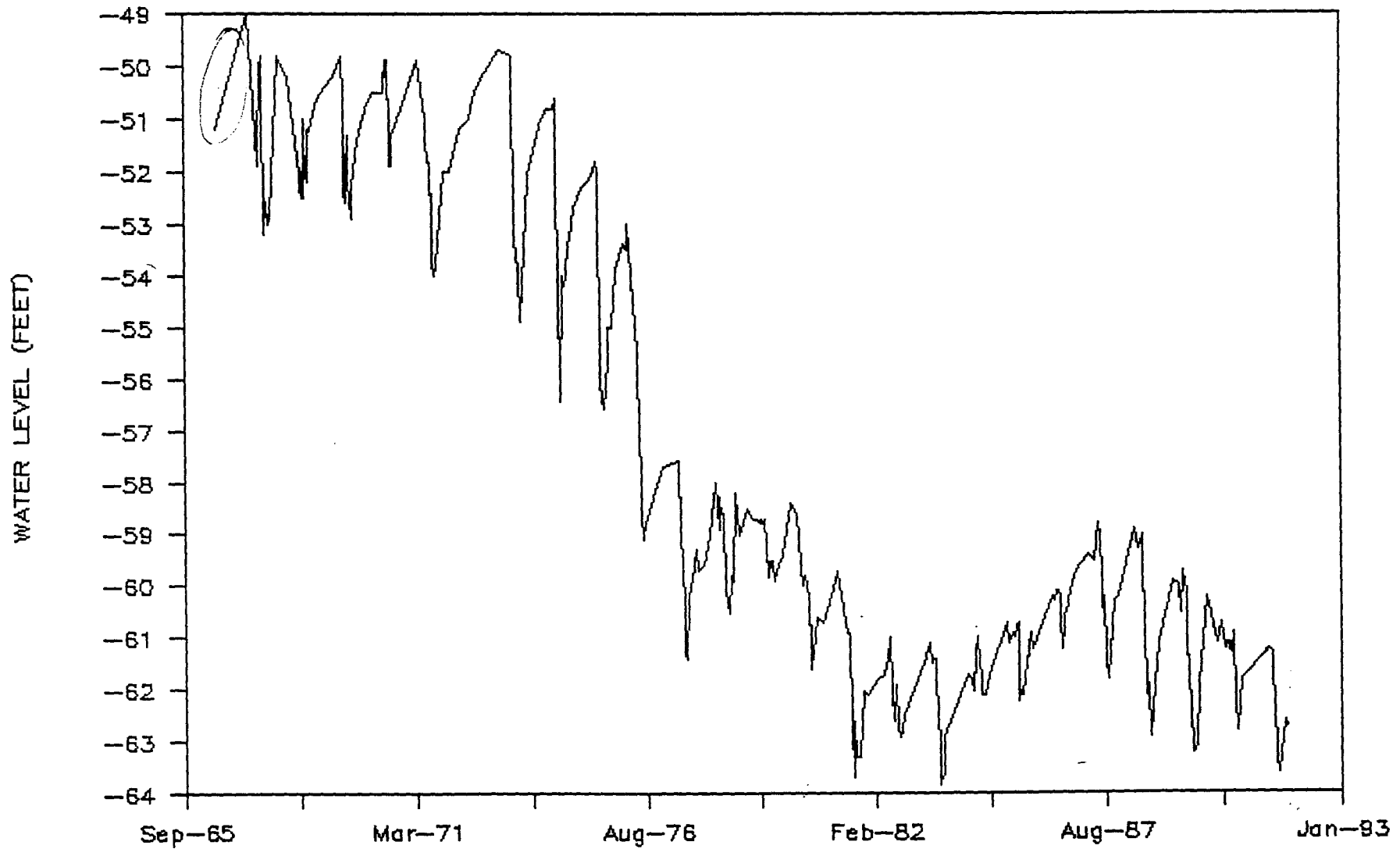
WATER RIGHTS OBSERVATION WELL

BD80D



WATER RIGHTS OBSERVATION WELL

BD66A



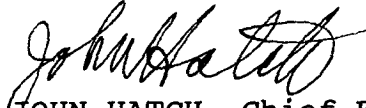
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2471A-3, Buell and Craig Slepikas

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 2471A-3, Buell and Craig Slepikas, 1254 2nd Street SW, Huron, SD 57350-1757.

The Chief Engineer is recommending APPROVAL of Application No. 2471A-3 because 1) the proposed diversion can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 2471A-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:28.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.


JOHN HATCH, Chief Engineer
June 5, 1992



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

June 11, 1992

Buell and Craig Slepikas
1254 2nd Street SW
Huron, SD 57350

RE: Water Permit Application No. 2471A-3

Dear Sirs:

Enclosed please find a copy of the report and recommendation in regard to the above-referenced file.

Sincerely,

A handwritten signature in cursive script that reads 'Jaci R Konop'.

Jaci R Konop
Senior Secretary
Water Rights Division

Enclosure



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

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

June 3, 1992

Buell and Craig Slepikas
1254 2nd Street SW
Huron, SD 57350

Dear Sirs:

Water Permit Application No. 2471A-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Daily Plainsman printed at Huron, SD (Ph # 352-6401). For your information a copy of the notice is enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions. A copy of the report and recommendation of the Chief Engineer will be forthcoming.

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

June 3, 1992

Daily Plainsman
Box 1278
Huron, SD 57350

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 2471A-3 to be published twice. Please publish the first notice on June 10, 1992, 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 Buell and Craig Slepikas, 1254 2nd Street SW, Huron, SD 57350 (Ph # 352-6371).

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. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

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

No. _____

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

Instruction to Newspaper - Publish first Notice on June 10, 1992, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 2471A-3 to
Amend Water Right No. 2471-3

Notice is given that Buell & Craig Slepikas, 1254 2nd Street SW, Huron, SD 57350 has filed an application for a water permit to change the location of the diversion point authorized by Water Right No. 2471-3. Water Right No. 2471-3 appropriates 1.33 cubic feet of water per second from one well located in the SE 1/4 SE 1/4 Section 16 to irrigate 202 acres located in the SW 1/4, S 1/2 NW 1/4 Section 16; all in T112N-R61W. This application proposes to change the diversion point to one well (Tulare-Hitchcock Aquifer) 92 feet deep located in the NE 1/4 NE 1/4 Section 20, T112N-R61W. This application, if approved, does not authorize any increase in the diversion rate or acres irrigated.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2471A-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by June 29, 1992. The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

For purposes of publishing 1) the notice of hearing on Application No. 2471A-3 and 2) the chief engineer's recommendation, a meeting at the Division of Water Rights office to hear this application is scheduled for July 7, 1992, at 9:00 am in Room 413, Joe Foss Building, 523 E Capitol, Pierre SD. If this application is opposed or the recommendation is contested, the July 7, 1992, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The July 7, 1992, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by June 29, 1992.

If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 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; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County Beadle) ss.

I, Mary Walz

certify that the attached printed Notice was taken
 from the Huron Plainsman

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

City _____ of Huron

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

June 10th 1992

June 17th 1992

Mary B. Walz
 (Signature)

Business Manager

(Title)

June 17th 1992

(Date Signed)

Cost of Printing: one hundred thirty-seven and 96/100

F.P. 6-10-92 L.P. 6-17-92
NOTICE OF HEARING
 on Application
 No. 2471A-3 to
 Amend Water Right
 No. 2471-3

Notice is given that Buell and Craig Slepikas, 1254 2nd Street SW, Huron, SD 57350, has filed an application for a water permit to change the location of the diversion point authorized by Water Right No. 2471-3. Water Right No. 2471-3 appropriates 1.33 cubic feet of water per second from one well located in the SE 1/4 SE 1/4 Section 16 to irrigate 202 acres located in the SW 1/4, S 1/2 NW 1/4 Section 16; all in T112N-R61W. This application proposes to change the diversion point to one well (Tulare-Hitchcock Aquifer) 92 feet deep located in the NE 1/4 NE 1/4 Section 20, T112N-R61W. This application, if approved, does not authorize any increase in the diversion rate or acres irrigated.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2471A-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the Chief Engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and the Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E. Capitol, Pierre, SD 57501 - (605)-773-3352" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by June 29, 1992. The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is ob-

tained.

For purposes of publishing 1) the notice of hearing on Application No. 2471A-3 and 2) the Chief Engineer's recommendation, a meeting at the Division of Water Rights Office to hear this application is scheduled for July 7, 1992, at 9:00 A.M. in Room 413, Joe Foss Building, 523 E. Capitol, Pierre, SD. If this application is opposed or the recommendation is contested, the July 7th, 1992, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The July 7th, 1992, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by June 29th, 1992.

If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. Any hearing will be an adversary proceeding. Any persons filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 through 46-1-9, 46-1-12 through 46-1-16;

46-2-3.1, 46-2-9, 46-3-11, 46-2-13, 46-2-17; 46-2A-1 through 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 through 46-5-11, 46-5-13 through 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, 46-6-26; and Board Rules ARSD 74:02:01:01 through 74:02:01:15.

No. 316 (adv.)

156" @ 4.45 = 137.96



JUL 13 1992

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

Buell and Craig Slepikas
1254 2nd Street SW
Huron, SD 57350

Dear Sirs:

Enclosed is Water Permit No. 2471A-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

November 29, 1994

2471A-3
2471B-3

Craig Slepikas
542 4th Street
Huron, SD 57350

Dear Mr. Slepikas:

Enclosed, as we discussed, are copies of Water Permit Nos. 2471A-3 and 2471B-3. Also enclosed is a "Notice of Completion of Works and Application of Water to Beneficial Use" form for each permit.

If you have any questions, please contact me.

Sincerely,

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

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

July 28, 1992

Buell & Craig Slepikas
1254 2nd St SW
Huron SD 57350

Dear Mr. Slepikas:

On February 26, 1992 we received a \$250.00 check from you for a water permit application. It was later determined that the application would be for a change in diversion point (Water Permit No. 2471A-3). The filing fee for Water Permit No. 2471A-3 is \$50.00. The filing fee for the application we just received (Water Permit Application No. 2471B-3) to increase the diversion rate without an increase in the historical annual volume use on Permit No. 2471-3 is \$50.00. Therefore, \$150 of the \$250 originally submitted is being refunded to you. You should receive the refund within the next two weeks.

If you have any questions, please contact this office.

Sincerely,

Karen Schlaak

Karen Schlaak
Natural Resources Analyst
605 773-3352



NOTICE OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

Date 8-4-97

TO: Water Rights Division, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM: Craig Slepikas 542 4th St S.W.
(name) (address)
Huron SD 57350 605-352-6371
(city) (state) (zip) (phone)

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 2471A-3.

Water Permit No. 2471A-3 states that the diversion system is to be constructed by July 7, 1997, and that the water is put to beneficial use by July 7, 2001.
(date) (date)

The diversion system was completed on July 1994.
(date)

Applying the water to beneficial use was completed on July 1994.
(date)

You may schedule an inspection so that the Water License may be issued.

Craig A. Slepikas
(signature)



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

December 12, 2001

Ordean Eddy
Farm Credit Services
PO Box 1248
Mitchell, SD 57301-1248

Dear Mr. Eddy:

Enclosed, as you requested, are the following documents pertaining to the irrigation system in the S $\frac{1}{2}$ NW $\frac{1}{4}$ and SW $\frac{1}{4}$ of Section 16, T112N, R61W for Buell & Craig Slepikas.

- **Water Permit No. 2471A-3:** Changed the location of the diversion point authorized by Water Right No. 2471-3; No. 2471A-3 did not authorize any increase in the diversion rate or acres irrigated.
- **Water Permit No. 2471B-3:** Added an additional diversion point and increased the diversion rate authorized by Water Right No. 2471-3 (without increasing the historical volume of water pumped annually).
- **Report of Examination of Works:** The report covers the entire system and shows the acreage being irrigated, diversion rate, well information and system information.
- **Map showing the "as constructed" system**

Currently, we are awaiting the investigation and licensing fee from the permit holder. Once the fee is received, a water license will be issued that combines 2471-3, 2471A-3 and 2471B-3. The license will be issued with the information contained in the "Report of Examination of Works".

If I can answer any questions for you, please get in contact me with.

Sincerely,

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

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

MAR 13 2003

2471B-3

Buell & Craig Slepikas
542 4th St SW
Huron SD 57350

Dear Sirs:

Enclosed is Water License No. 2471B-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 417170 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

Pursuant to SDCL 46-1-14, Permit No. 2471B-3 was approved for a 10-year period. On December 4, 2002, the Water Management Board approved No. 2471B-3 as a permanent permit with the qualifications listed in Item (3) of the 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. 2471B-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

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

The applicable portions of Water Right No. 2471-3 and Permit (No. 2471A-3) have been incorporated into this Water License No. 2471B-3.

enclosures