



T10S
R23E

MICROFILMED
DEC 29 1999

City of
Heyburn
wells

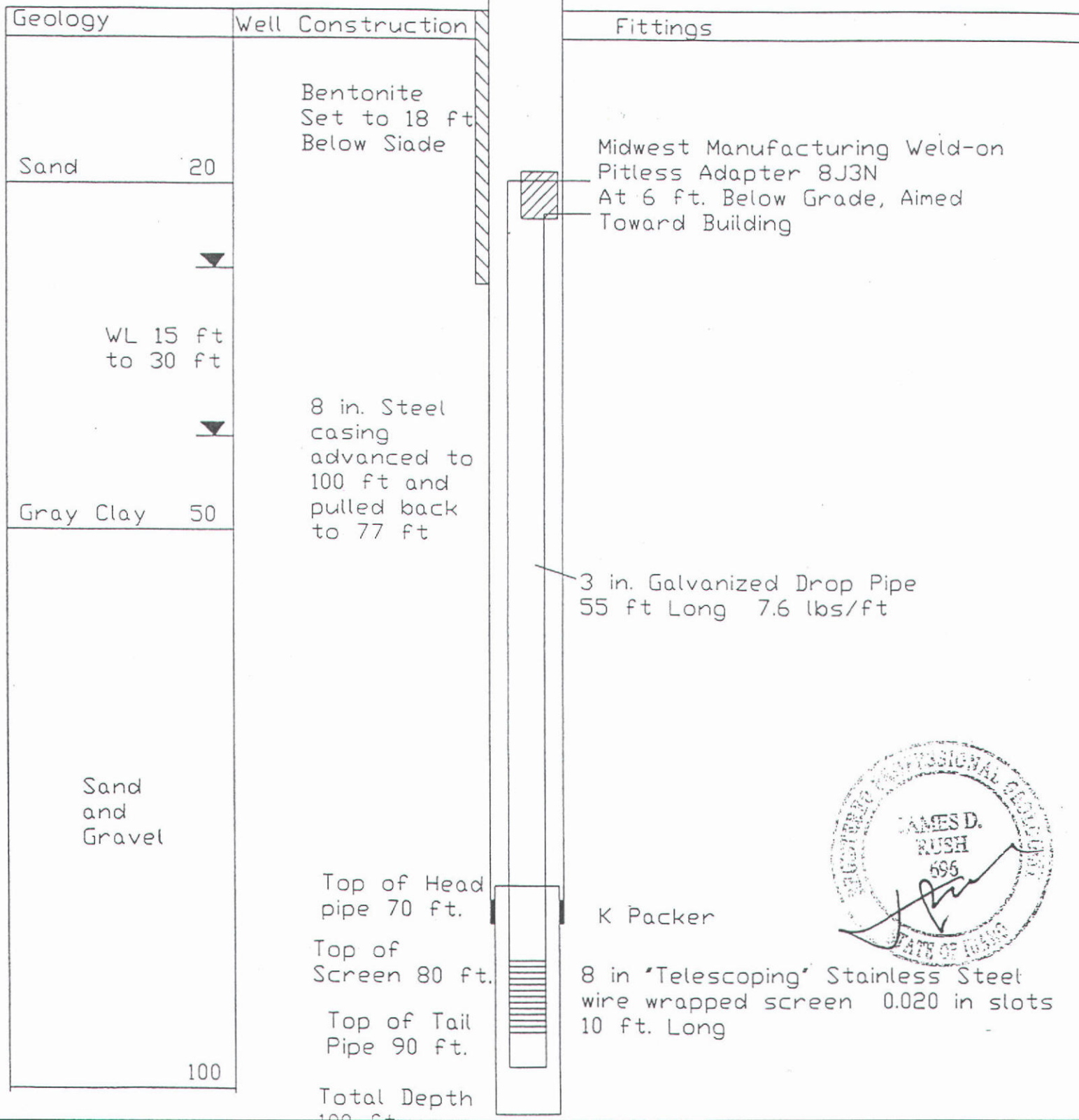
J.R. Simplot plant
well

36-08797

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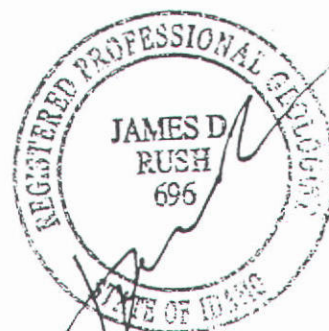
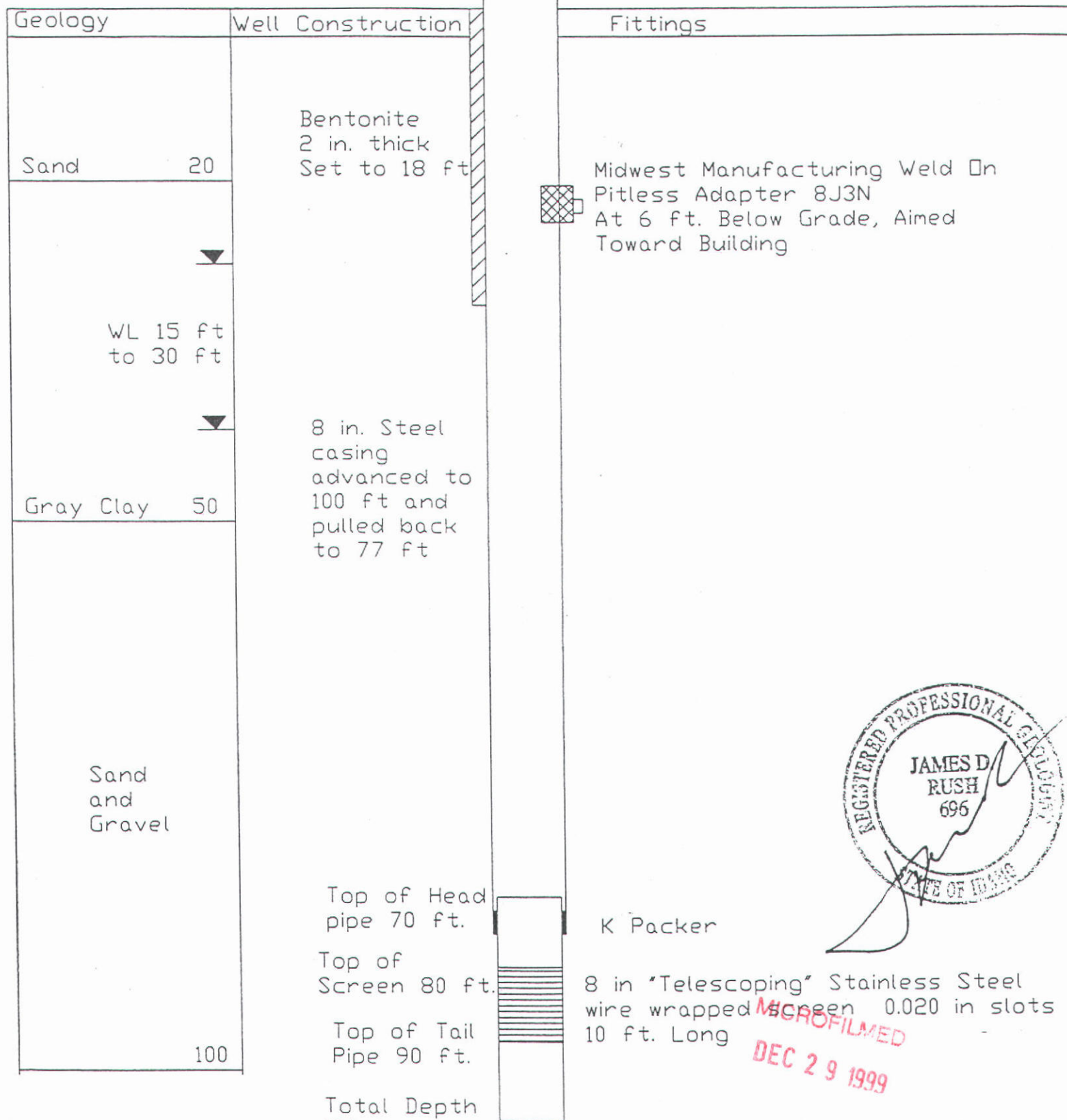
Injection Well

Well Cap
MAASS WTCC8 952810



Heyburn Heat Pump Well

Well Cap
MAASS WTCC8 952810



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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 36-08797 Telephone No. 208-679-2222

2. Name of Permit Holder(s):
United Electric Co-op, Inc.

3. Mailing Address: 1330 21st Street

City Heyburn State ID Zip 83336

4. Source of Water: Groundwater If **GROUNDWATER** (well), Date Drilled: mo. 12 / yr. 99

Well Driller: Couch Well Drilling Drilling Permit Number: 36-99-S-0189-000

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): _____ Stockwater (No. and type of stock): _____

Irrigation (No. of acres): _____ Other: Heating/Cooling

6. Total rate of diversion and/or volume for which proof is submitted: 0.27 cfs OR _____ acre-feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)

(This question is **not optional**. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required?

Yes _____ or No x

Has the measuring device been installed?

Yes _____ or No x

8. Fee Enclosed: \$ 100.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Dan Kidd Telephone Number: 208-679-2222

Address: 1330 21st Street Heyburn, Idaho 83336

10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: Ralph Williams General Manager Date: 11-7-00
(include your title, if on behalf of corporation or organization)

NOV 17 2000

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 36-08797

Priority: November 5, 1999

Maximum Diversion Rate:

0.27 CFS

This is to certify, that UNITED ELECTRIC COOP INC
109 S 100 W
RUPERT ID 83350

has applied for a permit to appropriate water from: GROUNDWATER

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
HEATING	01/01 to 12/31	0.27 CFS
COOLING	01/01 to 12/31	0.27 CFS
	Totals	0.27 CFS

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 10, Township 10S, Range 23E
MINIDOKA County

PLACE OF USE: HEATING

TWN RGE SEC

10S 23E 10 SWSW

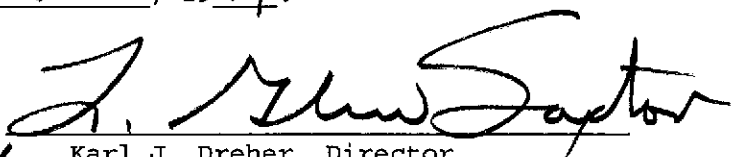
PLACE OF USE: COOLING, same as HEATING use

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of application of water to beneficial use shall be submitted on or before **January 1, 2001**.
2. Subject to all prior water rights.
3. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. Return flow discharged to a subsurface system must be authorized by a separate injection well permit.
5. Use of water under this right shall be non-consumptive.
6. The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
7. Heating and cooling uses are for a heat pump.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

27th day of December, 1999.


for Karl J. Dreher, Director

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FORM 202

2/96

Ident. No. 36-08797

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

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Department of Water Resources

Department of Water Resources
Southern Region

1. Name of Applicant United Electric Co-op, Inc. Phone 208-436-4781
Mailing address 109 S. 100 W. Rupert, Idaho 83350
2. Source of water supply ground water which is a tributary of N/A
3. Location of point of diversion is Township 10S Range 23E Sec. 10 in the W¹/₂ N⁴/₄
SW 1/4, SW 1/4, Govt. Lot B.M. Minidoka County
additional points of diversion if any: _____
4. Water will be used for the following purposes:
 Amount .268 cfs for heating/cooling purposes from Jan 1 to Dec 31 (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
 Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .268 cfs and/or (b) _____
 cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source 7.5 h.p. submersible pump
 - b. Height of storage dam N/A feet; active reservoir capacity N/A acre-feet; total reservoir capacity N/A acre-feet
 - c. Proposed well diameter is 8" inches; proposed depth of well is 100' feet
 - d. Is ground water with a temperature of greater than 85°F being sought? no
 - e. If well is already drilled, when? N/A; Drilling firm N/A
 Well was drilled for (well owner) N/A; Drilling Permit No. N/A
7. Time required for completion of works and application of water to proposed beneficial use is 1 mon years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in KW. N/A
 - b. Stockwatering; list number and kind of livestock. N/A
 - c. Municipal; show name of municipality. N/A
 - d. Domestic; show number of households. N/A
 - e. Other; describe fully. Heating & cooling. Water supply is for water source heat pump in a system that will re-inject all water necessary back into the same aquifer.

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9. Description of place of use

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place use below. See instructions for standard symbols.

TWP	RGE	SEC	N E				N W				S W				S E				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	23E	10											GL						

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. N/A

11. a. Who owns the property at the point of diversion? United

b. Who owns the land to be irrigated or place of use? _____

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: N/A

12. Remarks: _____

13. MAP OF PROPOSED PROJECT REQUIRED - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Ralph L. Williams
Signature of Applicant (and title, if applicable)

General Manager

Received by A. SKINNER Date 11/5/99 Time AM Preliminary check by A. SKINNER
 Fee \$ 100.00 Receipted by A. SKINNER # 5022655 Date 11/5/99
 Publication prepared by MB Date 11/5/99 Published in Idaho Press
 Publication approved MB Date 12/16/99

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36-08797



T10S
R23E

City of
Heyburn
wells

J.R. Simplot Plant
well

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DEC 29 1998

36-08797

United Electric Board of Directors

Barfuss, Karl (Joyce)
541 5th Street Rupert, ID 83350
436-3204

Beck, Bruce (Dawn)
241 South 200 West Burley, ID
83318
678-5970 Home
678-4254 Mobile
678-5612 Haney
431-5970

Davis, Dwight (Bona Rae)
161 East 300 South Burley, ID
83318
678-3044 Home
438-5065 Office
431-1780

Freymiller, Garth, Sec/Treas (Jean)
122 East 600 South Burley, ID
83318
678-2078
678-2500 Work
678-2665

Jones, Gary D. (Deborah)
558 West 39th St. Burley, ID 83318
678-8206 Home
678-1118 Office
678-1119 Fax

Moller, Nels, Vice-Pres (Pat)
660 Bluebell Ln. Paul, ID 83347
438-4150
431-1033

Osterhout, Ronald, President
(Judy)
257 South 50 East Burley, ID
83318
678-2654 Home
678-3027 Work
431-3027

Patterson, Thomas (Lila)
238 West 300 South Rupert, ID
83350
436-3106

Toner, George (Rozelia)
Box 295 Paul, ID 83347
438-5507
431-5508

Trevino, Frank (Phyllis)
209 W Baseline Rupert, ID 83350
436-6280
431-6280

West, Bob (Shirley)
225 West 100 North Rupert, ID
83350
436-6283
431-6283

Woodbury, Orin (Linda)
559 East 800 South Burley, ID
83318
654-9354 Home
436-5907 Mobile
431-2002 Mobile
654-2377 Fax

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DEC 28 1999

36-08797

EXHIBIT A

TOWNSHIP 10 SOUTH, RANGE 23 EAST, BOISE MERIDIAN,
MINIDOKA COUNTY, IDAHO

SECTION 10: Part of the $W\frac{1}{2}SW\frac{1}{4}SW\frac{1}{4}$, more particularly described as follows:

Beginning at the Southwest corner of Section 10, said corner marked by a $\frac{5}{8}$ inch rebar; thence North $00^{\circ}10'41''$ West along the West line of the $W\frac{1}{2}SW\frac{1}{4}SW\frac{1}{4}$ for a distance of 149.00 feet to a $\frac{1}{2}$ inch rebar which shall be the POINT OF BEGINNING;

Thence North $00^{\circ}10'41''$ West along the West line of the $W\frac{1}{2}SW\frac{1}{4}SW\frac{1}{4}$ for a distance of 910.50 feet to a $\frac{1}{2}$ inch rebar;

Thence North $89^{\circ}50'16''$ East for a distance of 657.92 feet to a $\frac{1}{2}$ inch rebar on the East line of the $W\frac{1}{2}SW\frac{1}{4}SW\frac{1}{4}$;

Thence South $00^{\circ}11'16''$ East along the East line of the $W\frac{1}{2}SW\frac{1}{4}SW\frac{1}{4}$ for a distance of 1059.12 feet to the Southeast corner of the $W\frac{1}{2}SW\frac{1}{4}SW\frac{1}{4}$ marked by a $\frac{5}{8}$ inch rebar;

Thence South $89^{\circ}48'20''$ West along the South line of the $W\frac{1}{2}SW\frac{1}{4}SW\frac{1}{4}$ for a distance of 386.10 feet;

Thence North $00^{\circ}10'41''$ West for a distance of 25.00 feet to a $\frac{1}{2}$ inch rebar;

Thence North $00^{\circ}10'41''$ West for a distance of 124.00 feet to a $\frac{1}{2}$ inch rebar;

Thence South $89^{\circ}48'20''$ West for a distance of 272.00 feet to the POINT OF BEGINNING.

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Department of Water Resources
Southern Region

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DEC 23 1999



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

November 16, 2000

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

UNITED ELECTRIC CO-OP INC
1330 21ST STREET
HEYBURN ID 83336

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 36-08797

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit.

The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water, and that it meets the permitted beneficial use.

Be advised that Section 42-248, Idaho Code requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the **Southern** Regional Office of the department in Twin Falls at (208) 736-3033.

Sincerely,

Deborah J. Gibson
Administrative Assistant
Water Allocation Bureau

Encl.

c: IDWR - Regional Office

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NOV 17 2000

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 36-08797 Reviewed by D. Gibson Date 11/15/00

GENERAL CONSIDERATIONS

Yes Name same as permit?
No Address same as permit?
Yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

Heating / Cooling

Correct Uses? Yes

SOURCE OF WATER

No Surface water source

Yes Ground water source

Yes Drilling permit required?

Copy in the file? Drilling Permit No. 36-99-5-0189-000

Amount paid for permit _____ Correct?

Well log in the file?

LICENSE EXAMINATION FEE

Yes Required?

\$100 Amount Submitted

Yes Correct?

MEASURING DEVICE

No Required?

No Installed?

Waiver requested?

PRIORITY CALCULATION

Date proof received	<u>11/14/00</u>	
Date proof due	<u>11/1/01</u>	-
No. of days late		=
Priority Date		+
New Priority Date		

DEFICIENCIES OR ACTION ITEMS

Acknowledge proof.

DATA ENTRY

New Address Yes Proof Made 11/14/00

Idaho Department of Water Resources Receipt

Receipt ID C051133

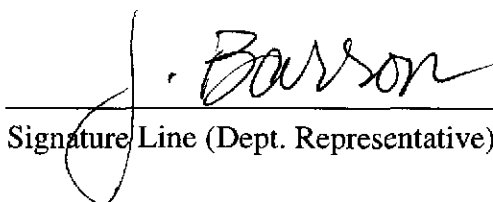
Payment Amount \$100.00 Date Received 11/14/00 11:06:18 AM Region State Status 
Payment Type Check Check Number 021793

Payer UNITED ELECTRIC CO-OP, INC.

Comment permit # 36-08797

Fee Detail

Amount	Description	Fund	FD	PCA	SO
\$100.00	BENEFICIAL USE	0229	21	56104	1155


Signature Line (Dept. Representative)

MICROFILMED

NOV 17 2000

October 31, 2000

UNITED ELECTRIC COOP INC
109 S 100 W
RUPERT ID 83350

PROOF DUE NOTICE

RE: PERMIT NO. 36-08797

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before January 1, 2001.

(See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

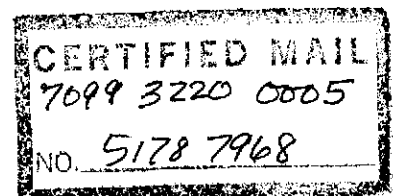
SINCERELY,

DEBORAH GIBSON
Administrative Assistant

Enclosures

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NOV 17 2000





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

December 27, 1999

DIRK KEMPTHORNE
GOVERNOR

UNITED ELECTRIC COOP INC
109 S 100 W
RUPERT ID 83350

KARL J. DREHER
DIRECTOR

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 36-08797

Dear Permit Holder:

The Department of Water Resources (IDWR) has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a preliminary order issued by IDWR pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a licensed water right. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed, you should complete and submit this form immediately.

Also, please note that water right owners are required to report any change of water right ownership and/or change of mailing address to the department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department or visit the department's homepage on the Internet to obtain the proper reporting form.

If you have any questions, please call me at 208-327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:klt
Enclosures

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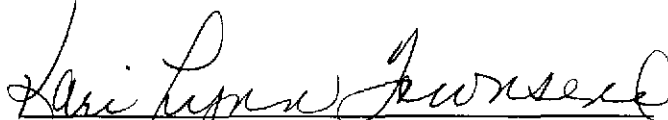
DEC 29 1999

CERTIFICATE OF MAILING

I hereby certify that on the 27th day of December, 1999, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved Permit) to the person(s) listed below:

Water Right No. 36-08797

UNITED ELECTRIC COOP INC
109 S 100 W
RUPERT ID 83350


Kari Lynn Townsend
Secretary

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DEC 29 1999

Responding to Preliminary Orders Issued by the Idaho Department of Water Resources

The Idaho Department of Water Resources (Department) issues water right permits, licenses, and transfers as preliminary orders pursuant to section 67-5243, Idaho Code. A preliminary order can and will become a final order without further action of the department unless a party petitions for reconsideration or files an exception and/or brief as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the Department within fourteen (14) days of the service date of the order. The Department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5243(3), Idaho Code.

EXCEPTIONS AND BRIEFS

Within twenty-one (21) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from a preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding. Otherwise, a preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to a preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

ORAL ARGUMENT

If the Department grants a petition to review a preliminary order, the Department shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

MICROFILMED

DEC 29 1995

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Department in connection with a preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Department may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

MICROFILMED
JUL 29 1993

APPLICATION FOR PERMIT
STATE OFFICE ANALYSIS
Reviewed by Sharla Curtis on 12/23/99

No. 36-08797 Name: United Electric Corp. Officers ✓ Ad ok ✓ Govt Lots

AREA OF CONCERN: No/Yes ESPA Moratorium GWMA TRUST/NON-TRUST

GROUNDWATER: (✓Flow Chart)

DRILLING PERMIT

All wells - 046(P23)
Basin 24 - 085
Irr. w/in WD - P05
WMD - North/East/West
≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 067
~~WMD~~
Supp irr (irr = only use) - 065-104
Supp irr (+ other uses) - 100-105
≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 01M

LOCATION:

~~Boise Front Lo Geo~~ - 058 (<85 GW)
~~Mitigation~~ - 121
42-248 Area - P84 (20s-70s, 81-86)
Swan Falls Flag - H
Trust N/A - 051(P74) (consumptive uses)
Non-Trust - 048-049 (consumptive uses or non-cons. > 1.0 cfs)

USES:

~~STORAGE~~ - 18A-01H(P01), 01P-18B(P09)-NA
IRR ≤ 5/ac - R66/R67/R68/R69 (0.03 cfs/ac)
 > 5 ac - R62/R63/R64/R65 (0.02 cfs/ac)
~~STOCKWATER~~ - R37 (BLM/USFS)
~~Mining~~ - 054-081(P10)
FISH PROP - 029(70'S only)-007-042-081(P10)
HEAT/COOL - R07(injection well)
~~FIRE PROT.~~ - 077

BENEFICIAL USE DUE: 1 / 01 / 2001

MISC CONDITIONS/REMARKS:

~~Protested~~ - 020-W19
Development Period
 ≤ 1 yr - P16
 > 1 yr - 26A(P17)
Ownership - 004
Non-consumptive - 027
Water Quality - 081-R07

SURFACE WATER: (✓Flow Chart)

F&G contacted - Yes/No Response
In/Above MSF - WB9
PLANNING SECTION REVIEW/RESPONSE
In-stream development - P52
WD - R04 (WD#)
 ≤ 0.20 cfs/others - 01H(P01), 01P or No MD
 > 0.20 cfs - 01J(P08)

SPRINGS/SINK, INACTIVE WD & REST OF STATE

≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 01M or No MD

RIVER BASINS: (SW special considerations)

SNAKE R (01) - W22(P04), N/A
 (02,03) - 007 (w/ remark WB9 if above Weiser)
Payette R (65) - 047(P04) (Payette Lake)
Salmon R (70's) - 029 (fish screens)
Weiser R (67) - 086-087

USES:

POWER - 17H-17K (+uses)-08A-025(P18)-01N-081(P10)
MUNICIPAL
 Restricted area - 022,075
 Irr., GW supp to SW - 102
DOMESTIC
 Surface water - WB5 (Big Wood or Boise above Star Bridge)
 27A (Payette R)
 >1 in restricted area - 070-071-075(no parks/common areas, etc)
 In use listed separate - WB5
 Moratorium approvable - W03 (2400 gpd - meets domestic definition
 i.e. D/convenience store)

Multiple pd's per 1/4 - W32
Subd lot desc (pd) - W59
Subd lot desc (pu) - W60
Use definitions - W02 example - S/50 range
Pre-1987 development - 068-074 (allow 120 days for proof due)
Single pd intended - 076

IRRIGATION SEASON - (Per updated map)

OTHER CONDITIONS/REMARKS

COMMENTS

APPLICATION NO. 36-08797

STATE OF IDAHO
IDWR SOUTHERN REGION
APPLICATION FOR PERMIT ANALYSIS SHEET

RECEIVED

DEC 20 1999

DEPARTMENT OF WATER RESOURCES

INITIAL REVIEW BY A. SKINNER DATE 11/5/99

REQUIRED INFORMATION (Check if OK)

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners.)
- ☒ Address
- ☒ Source (see USGS quad for names of water sources)
- ☒ Point of diversion (10 Acres for spring, lot & block descriptions for subdivisions, local name, flow &/or volume.
- ☒ County
- ☒ Quantity (flow &/or volume)
- ☒ Period of use
- ☒ Nature of proposed use (include description of use)
- ☒ Description of diverting works.
- ☒ Time required for beneficial use of water.
- ☒ Place of use or acres irrigated.
- ☒ Map
- ☒ Signature (If applicant is corp., partnership, or municipality, title of signator is required)
- ☒ Fee
- ☒ Yes ☐ No* In form to receipt?

++++PROPOSED PRIORITY DATE 11/5 1999

ADDITIONAL INFORMATION

- ☒ Overlapping place of use(Describe source & relationship to present application on the back. NONE
- ☒ Overlapping point of diversion. NONE
- ☐ Yes ☒ No Is Source Surface Water?
- ☐ If Yes Send Copy to F&G.
- ☐ If Yes Field check/memo required.
- ☐ Field check/memo by _____
- ☐ Yes ☒ No Field report attached?
- ☐ Yes ☒ No Critical Ground water area?
- ☐ Yes ☒ No Groundwater management area?
- ☒ Yes ☐ No Measurement District or Groundwater District?
- ☐ What District? WEST MEASUREMENT DISTRICT, MAGIC VALLEY GROUNDWATER DISTRICT
- ☐ Yes ☒ No Send Dam safety information?
- ☐ Yes ☒ No Send power requirement letter?
- ☐ Yes ☒ No Send fish farm requirement letter?
- ☐ Yes ☒ No Power residency affidavit attached?
- ☐ Yes ☒ No Power efficiency form?
- ☒ Yes ☐ No Within trustwater boundary?(If yes, attach trustwater supplementary analysis sheet.
- ☐ Yes ☒ No Diversion greater than 5 cfs or 500 acre ft? (If yes, attach large diversion supplementary analysis sheet.
- ☐ Yes ☒ No Is Application made to record Pre Nov 1987 Development?
- ☐ If Yes then request clear evidence of when use started.

* REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT:

Date Requested _____

Date Sent Comments Received

SEND COPIES TO:

☐ Idaho Dept of Health & Welfare	_____	_____
☐ USDI BLM	_____	_____
☐ Idaho Dept of Fish & Game	_____	_____
☐ USFS	_____	_____
☐ Idaho Dept of Lands	_____	_____
☐ Water Dist. No. _____	_____	_____
☐ Adjudication Bureau Unit	_____	_____
_____	_____	_____
_____	_____	_____

PROCESSING ☒ Yes ☐ No In form for Advertising?
☐ Yes ☒ No Statewide Advertising?
☒ Yes ☐ No Fee amount, receipt date & No. recorded?

☐ Yes ☐ No Has all requested additional information been received?
If not, describe action taken: _____

FINAL REGIONAL PROCESSING REVIEW

☒ Yes ☐ No Affidavit of publication received?
☒ Yes ☐ No Application published correctly? If not, record action taken.

☒ Yes ☐ No Publication dates and paper recorded?

Final date for protest: _____

☐ Yes ☒ No Protests received?

☐ Yes ☒ No Protested?

Describe Resolution: _____

☐ Yes ☒ No Measuring device required?

☐ Yes ☒ No Access port required?

☐ Yes ☒ No Will water be delivered by watermaster? If yes, what dist? _____

☐ Yes ☒ No Special conditions codes: _____

☒ Yes ☐ No Is Evaluation Memo Attached?

If yes; date of Memo 12/16/95

Date of priority recommended: 11/5/95

COMMENTS:

RECOMMEND ☒ Approval ☐ Denial

By AD Date 12/16/99

RECEIVED

DEC 20 1999

MEMO

Department of Water Resources

FROM: Allen Merritt *Am*

DATE: December 16, 1999

TO: Application for Permit No: 36-08797

In the Name of: United Electric Co-op Inc.

SUBJECT: Review and Recommendation

This application is for diversion and use of water for heating/cooling in a large heat pump for a large complex. After diversion the water is intended to be injected back into the groundwater. Initially the applicant filed an injection well application 36-W-184 to develop an injection well for return of waters diverted from groundwater under a domestic right. In review it was determined that the intended diversion was larger than the domestic exemption so a water right permit was requested.

This application was processed without protest.

Note that 36-W-184 has been issued. Also note that the drilling permit for the injection well 36-99-S-0190-000 has been granted. Also note that expedited approval for the production well was granted under drilling permit 36-99-S-0189-000.

Recommendation

I recommend that the permit be approved subject to the following conditions:

- Use is non-consumptive.
- Subject to Injection well permit requirements and drilling permit requirements.
- Subject to measurement and reporting of use.

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DEC 29 1999

NOV 05 1999

Department of Water Resources
Pocatello, Idaho

TECHNICAL CONDITIONS AND SPECIFICATIONS

UNITED ELECTRIC WELLS, HEYBURN ID

The Technical Conditions and Specifications are prepared for the installation and development of two [2] wells at the property below:

1. A 120 gpm production well. Water will be discharged through a pitless adapter into underground piping for use in a heat pump system.
2. A 120 gpm injection well. After passing the heat pumps, water will be reinjected into the aquifer.

1.0 Introduction

Rocky Mountain EnvironmentalSM has prepared these Technical Conditions and Specifications, under a written agreement between Rocky Mountain EnvironmentalSM and CLIENT identified below:

<i>CLIENT:</i>	Mr. Hal Jensen Lystrup-Jensen Architects 1133 Call Creek Place Pocatello, ID 83201
<i>Location of Wells</i>	United Electric, Heyburn ID
<i>Purpose or Use of Well</i>	[a] production of water for heat exchangers [b] injection of water after passage through heat exchangers
<i>Required Yield or Discharge of Well:</i>	120 gpm at 50 psi

2.0 Hydrogeologic Evaluation

The aquifer system beneath the Subject Property is part of the Eastern Snake River Plain Aquifer of Idaho and Wyoming, and it was designated as a "Sole Source Aquifer" in July 1994 (Federal Register, vol. 59, no. 194, Page 506340).

The drilling site lies in the Eastern Snake River Plain, an 80-km wide northeast-trending volcanic province. The Snake River Plain cuts an arcuate swath across southern Idaho. It extends from Payette, Idaho, near the Oregon border 250 km southeast to Twin Falls and thence 300 km northeast to Ashton, Idaho (located about 70 km south of West Yellowstone, Montana). The Snake River Plain is bounded on the southeast by mountains and valleys of the Basin and Range province. These mountains consist of upper Precambrian through lower Mesozoic sedimentary rocks; these units were uplifted along extensional faults during Neogene and Quaternary tectonism. On the north, the SRP is bounded by similar basin-and-range type mountains and also by mountains made of Mesozoic and lower Tertiary granites of the Idaho batholith. Southwest of the

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DEC 29 1999



The Snake River Plain are mid-Miocene rhyolitic and basaltic rocks of the Owyhee Plateau. On the northeast end of the Snake River Plain are Quaternary rhyolitic and basaltic rocks of the Yellowstone Plateau¹.

The Snake River Plain formed in response to movement of the North American continent over a deep-seated plume of hot mantle that is now located beneath Yellowstone Park². During the past 4 million years, the Snake River Plain has experienced continued volcanic activity, mostly outpouring of low-temperature basalt flows, like those found at Craters of the Moon National Monument. Between outpourings of lava, streams, lakes, and winds deposited fine-grained sedimentary rocks, referred to as interbeds.

Beneath Heyburn, Idaho, the basalts of the Snake River Plain are covered by up to 100 ft of alluvial sands and gravels. Rocky Mountain EnvironmentalSM obtained Driller's Reports for wells in Section 10. However, most wells in Heyburn are shallow, i.e. less than 75 ft deep, and the drillers report a wide diversity of sands, gravel, and cobbles

Whereas most wells are shallow, drillers record mixed sand, gravel, and clay to depths up to 200 ft below surface. For example, High Plains Drilling drilled a well for City of Heyburn in 1996 and penetrated 278 ft of sand, gravel, and clay; the driller first recorded "black broken lava" at 278 ft below land surface [bls]. However, from 80 to 107 ft bls, High Plains reports pea gravel, sand, and clay.

Based on the information above, the following design parameters will be incorporated into each well drilled at this site:

- The new well will be drilled to approximately 100 ft below land surface [TD].
- It is Rocky Mountain EnvironmentalSM's opinion that this depth should provide sufficient submergence of the pump [set depth = 60 ft] to allow the well to be pumped during times of low water table elevations.
- A wire-wrapped, stainless steel screen will be "telescoped" into the well and installed to prevent pumping of sand.
- The slot size and vertical placement of the screen will be based upon sieve analysis of the drill cuttings. Therefore, the driller will take care to collect accurate and complete cuttings as the hole is advanced to TD.
- The slot size, length of screen, and vertical placement in the well bore will be installed under the direction of the consulting hydrogeologist.

¹ Kuntz, M. A., Covington, H. R., and Schorr, L. J., 1992, An overview of basaltic volcanism of the eastern Snake River Plain, Idaho in *Regional Geology of Eastern Idaho and Western Wyoming*, Link, P. K. et. al., ed., Geol. Soc. Am. Memoir 179, p. 227-267..

² Pierce, K. L., and L. A. Morgan, 1992, Track of the Yellowstone hotspot: Volcanism, vaulting, and uplift, in *Regional Geology of Eastern Idaho and Western Wyoming*, Link, P. K. et. al., ed., Geol. Soc. Am. Memoir 179.

- The screen, tail pipe, and headpipe will be "telescoped" through the pump chamber, and the pump chamber will be "pulled back" to expose the screen.
- Driller will develop the well until it runs free of sediment.
- During development, driller will also perform a step-drawdown pump test.

A subsequent contractor [probably the pump installer] will install pitless adapter [Midwest Manufacturing 8J3N] in each well. In the injection well, the pump installer will hang the 3 in. galvanized discharge piping from the pitless adapter. In the production well, the pump installed will hang the pump and motor at the specified depth from the pitless adapter.

3.0 Technical Specifications and Well Design Parameters

Unless otherwise specified, the technical specifications below apply to both the production and injection wells:

<i>Well Characteristic</i>	<i>Specification</i>	<i>Comment</i>
Yield Objective:	120 gpm	Required by CLIENT
Temporary Surface Casing	12 in. OD steel, set to 18 ft bls	• Removed when drilling complete and annulus filled with grout
Surface Seal	• Grout seal, 4 in. around pump chamber. • Installed when temporary surface casing is withdrawn • Surface to 20 ft below grade	• Installed by tremie pipe. • "Pour down" method will not be used. • Grout will comply with requirements at IDAPA 30.03.09.010.12
Total Estimated Drilling Depth [TD]	100 ft	Advanced to TD, estimated not greater than 100 ft
Drilling Method	8 in. ODEX or air rotary with top-head casing driver	From surface to total depth of well
Drilling Fluid	Mixture of air, water, and Baroid Qwik-Foam®	
Surface Completion	Pump chamber 18 in. above grade	MAASS Well Cap WTCC8, #952810
Pump Chamber	New, 8" in. dia., Schedule 20 steel meets ASTM A53B/API 5L-B. Drive shoe attached. Advanced behind top-head ODEX to the estimated TD of well [see above]	• Pump chamber will be "pulled back" to reveal screen

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DEC 29 1999

SWA

Well Characteristic	Specification	Comment
Pitless Adapter	Midwest Manufacturing 8J3N	Welded-on in accordance with manufacturer's specification.
Sample Collection	Below depth of 30 ft, samples will be collected every 5 ft or at change in lithology. Samples will be retained in Ziploc® bags marked with sample depth	
<i>NOTE: The slot size, length of screen, and vertical placement in the well bore will be based upon sieve analysis of subsurface samples. Therefore, driller will take extreme care to carefully, diligently, and accurately collect, record, and preserve a complete, accurate, and representative samples of subsurface lithologies. Driller will install screen of appropriate length and slot size under direction of consulting hydrogeologist.</i>		
	Driller may ship sand samples to and obtain screen from Mitchell-Lewis & Staver 1449 Teare Meridian, ID 83642	Driller may ship sand samples to and obtain screen from distributors of US Filter, e.g. Water Well Supply, Boise, or Pump and Drill Supply, Meridian
Yield Estimate	Driller will record all water bearing zones and estimate yield in gpm based on surface discharge	
Disinfection	All tools, pipe, equipment, etc. will be cleaned prior to use and all downhole tools and supplies will be disinfected in 500 ppm Cl solution prior to being installed or inserted in the borehole. Recommended at IDAPA 37.03.09.025.19.	
Well Screen	• Wire-wrapped stainless steel, 10 ft long. 8-in. "telescope" size, i.e. US Filter [Johnson Well Screen] 8TS 7.50 in. OD. • 0.020 in. slot opening designed to retain cinders or other fine particles against the screen and ensure screen entrance velocity <0.1 ft/sec • Driller will weld tail pipe, screen, and headpipe into one assembly • Driller will install tail pipe, screen, and headpipe assembly through pump chamber and then "pull back" pump chamber to expose screen	
Tail-pipe Head-pipe	• installed through pump chamber • "K packer" or neoprene seal at top of headpipe to seal space between inside of pump chamber and top of headpipe • 8 in. "telescoping" head pipe, 10 ft long; • 8 in. "telescoping" tail pipe, 10 ft long • bottom plate and bail hook welded at base of tail pipe	
Plumbness and Alignment	Driller will take great care to ensure that the completed borehole and pump chamber are plumb and aligned. This will ensure that pump and screen assembly [if any] can be installed to appropriate depth.	

<i>Well Characteristic</i>	<i>Specification</i>	<i>Comment</i>
Well Development	Water jetting with air-lift pumping, surging, or over pumping	• Driller will develop well until water runs free of sediment, i.e. <5 ppm sand
Pump Test [after development]	An aquifer test will be performed. Driller will pump well for total of 6 hours. Specifically, 2 hours at 80 gpm 2 hours at 120 gpm 2 hours at 200 gpm Driller will record drawdown in ft and discharge in gpm	• Driller will provide pump and discharge piping for pump test.
Disposal of Fluids and Cuttings	■ Driller will remove all drill cuttings from site and properly dispose of same. ■ Driller will provide piping to discharge all fluids to canal approximately 1000 ft east of drill site	
Welding	All welding shall be full, continuous, running weld and shall conform to the American Welding Society of American Petroleum Institute specifications. Welding stainless steel casing to mild steel casing will not be permitted. Welds for connecting stainless steel sections shall be made using AWS Type E308-15 lime-coated or Type E308-16 titanium-coated rods. Reverse polarity d.c. current shall be used with E308-16 rods. with E308-15 rods and a.c. or d.c. reverse polarity with Type E308-16 rods. Welders shall be qualified in accordance with "Welding Procedures," ASME Boiler Construction Code or AWS Standard Qualification Procedure.	

The well construction design for each well is summarized on the attached "Well Completion Diagram."

4.0 Recommended Drilling Method

Rocky Mountain EnvironmentalSM recommends that this well be drilled using an air rotary method and an ODEXTM drilling system. Using either a top-head casing driver or the ODEXTM system, the driller drills through the inside of the pump chamber, and, as he deepens the drill hole, the casing is advanced behind the bit. As the bit and casing advance downward, additional length of drill pipe and casing [called "strings"] are screwed and welded, respectively, on the top of the string in the ground. Using this method, a solid string of casing, through which the drill string extends, is advanced into the subsurface.

When the drill hole reaches the designed depth, the bit's outside diameter is mechanically reduced to less than the interior diameter of the casing. Then, the bit and drill string are withdrawn through the inside of the casing. This process results in a cased borehole to whatever depth is required.

REC'D 8 2 1998
ENVIRONMENTAL

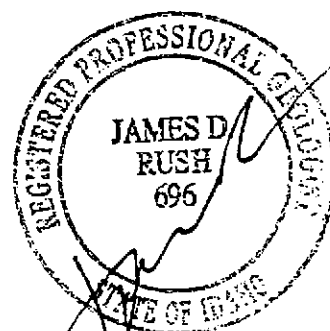
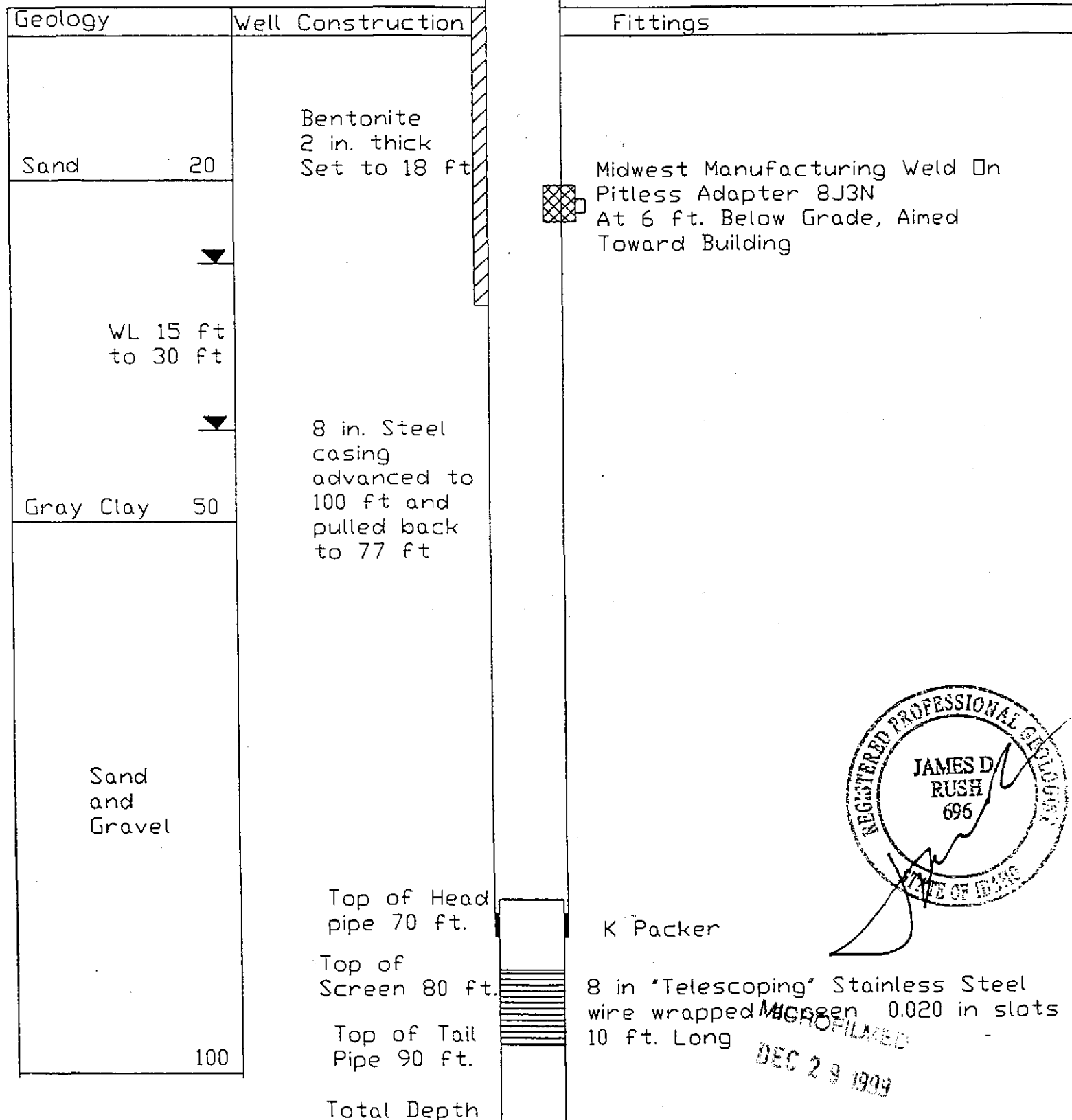
Use of a top-head casing driver or the ODEX™ system has important advantages:

1. Because the casing is advanced behind the bit, the presence of water at any depth in the subsurface is easily observed by the driller³. In dry rock or sediment, the drill cuttings are very dry and dusty. When water is encountered, the cuttings turn moist or damp. Water may even be blown to the surface by the compressed air injected through the drill string.
2. Because the well is installed through the casing, wells can be quickly installed in unconsolidated sand and gravels or in heaving sediments.

³ Without the ODEX™ casing, the driller may not know when the drill bit intersects water. If water is present, it may not be blown upward and out of the hole, but rather injected into fractures in the subsurface.

Heyburn Heat Pump Well

Well Cap
MAASS WTCC8 952810



DEC 28 1999

Injection Well

Well Cap
MAASS WTCC8 952810

Geology	Well Construction	Fittings
Sand 20	Bentonite Set to 18 ft Below Siade	Midwest Manufacturing Weld-on Pitless Adapter 8J3N At 6 ft. Below Grade, Aimed Toward Building
WL 15 ft to 30 ft	8 in. Steel casing advanced to 100 ft and pulled back to 77 ft	
Gray Clay 50		3 in. Galvanized Drop Pipe 55 ft Long 7.6 lbs/ft
Sand and Gravel	Top of Head pipe 70 ft.	K Packer
	Top of Screen 80 ft.	8 in "Telescoping" Stainless Steel wire wrapped screen 0.020 in slots 10 ft. Long
	Top of Tail Pipe 90 ft.	
100	Total Depth	

Supervisor or Operator Larry J. [Signature] Date 6-13

MONITORING AND REMEDIATION ADAPTERS

6001 8 2 1980
MICROFILMED

DICKEN PITLESS ADAPTERS

Features:

- Ideal for use in remediation wells
- Precision machined all red brass castings with viton o-rings
- Brass insert is electroless nickel plated to resist harsh environment and contamination
- Wrench grip on ell speeds installation
- Large inner and outer gasket to seal out surface water contamination
- Built-in lowering eyelet for easier installation
- Pressure Tested to 150 PSI



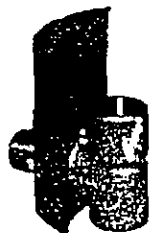
Part Number	Model	Discharge Pipe (Inches)	Supply Pipe (Inches)	Casing Size (Inches)	Hole Size (Inches)	Shipping Weight (Lbs-Oz)	Working Load (Lbs.)	List Price Each
952111	LD-S-10-N	1	1	5 to 12	1 3/4	4--8	2000	See separate price list
952113	LD-S-12-N	1 1/4	1 1/4	5 to 12	2 1/4	5--8	2000	
952021	S-20-N	2	2	5 5/8 to 12	3 1/8	14--4	5000	

*Note all stainless steel adapters available for leachate applications

MAASS MODEL JN SERIES OF PITLESS ADAPTERS AND UNITS

All Feature:

- Ideal for remediation wells
- Water contacts only 304 stainless steel nipple and electroless nickel plated brass insert
- Tapered 8° slip fitting for easy installation and removal of electroless nickel plated brass insert
- No obstruction left in well when insert is pulled
- Viton o-rings standard
- 304 stainless steel guide pins standard



MAASS MODEL JN WELD-ON PITLESS ADAPTERS

Features:

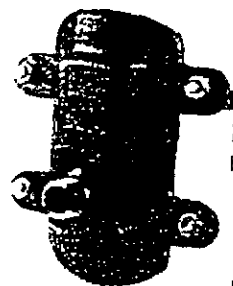
- Permanently installed by welding for increased strength and durability

Part Number	Model	Discharge Pipe	Drop Pipe	I.D. Casing Size	Weight (Lbs.)	List Price Each
928101	4 J 1 N	1	1	4--5	6	See separate price list
928121	6 J 1 N	1	1	6--7--8+	6	
928106	4 J 1 1/4 N	1 1/4	1 1/4	4--5	7	
928126	6 J 1 1/4 N	1 1/4	1 1/4	6--7--8+	7	
928136	6 J 2 N	2	2	6--7--8+	12	
928146	8 J 3 N	3	3	8--10--12+	32	

MAASS MODEL JCN CLAMP-ON PITLESS ADAPTERS

Features:

- Ideal for use on either plastic or steel well casing
- 304 stainless steel clamps and nuts
- Electroless nickel plated brass insert and Viton o-rings standard



Part Number	Model	Discharge Pipe	Drop Pipe	O.D. Casing Size	Standard Clamp-On Weight	List Price Each
928302	4JC1 N	1	1	4 1/2	11	See separate price list
928307	5ODJC1 N	1	1	5	11	
928312	5JC1 N	1	1	5 9/16	11	
928322	6JC1 N	1	1	6 5/8	11.75	

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0008607
 DRILLING PERMIT NO. 36-99-S-0189-000
 Other IDWR No. water right no. 36-08797

2. OWNER:

Name UNITED ELECTRIC CO*OP INC
Address 109 S 100W
City RUPERT IDAHO State Zip 83350

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
 W E S
 Twp. 25 10 North ☐ or South ☒
 Rge. 10 23 East ☒ or West ☐
 Sec. 10 1/4 DW 1/4 SW 1/4
 Gov't Lot _____ 10 acres County MINIDOKA 10 acres 160 acres
 Lat: _____ : Long: _____ :
 Address of Well Site 1330 21 st.
 City HEYBURN
 (Give at least name of road + Distance to Road or Landmark)
 Lt. _____ Blk. _____ Sub. _____ Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other heat pump well

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
cement &	18	5	25	overbore
bentonite	5	0	6	"

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
85/8	1.5	18	250	steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations Method screen
Screens Screen Type S S 305

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
27	18	20		85/8	S S	☒	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

Depth flow encountered _____ ft. Describe access port or control devices: remove well cap

11. WELL TESTS:

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
325	10 ft	17 $\frac{1}{2}$	1 $\frac{1}{8}$

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

[illegible]

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name GOUGH WELL DRILLING INC No. 161

Firm Official Resnick Date 1-16-2000

and

Driller or Operator Scott Cowan File
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

SCANNED
JUN 19 2020

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0008608
 DRILLING PERMIT NO. 36-99-S-0190-000
 Other IDWR No. inj. permit 36-W-0184

2. OWNER:
Name UNITED ELECTRIC CO*OP INC.
Address 109 S 100 W
City RUFERT IDAHO State Zip 83350

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



Twp. 10 North ☐ or South ☒
 Rge. 23 East ☒ or West ☐
 Sec. 10

Gov't Lot _____ 1/4 SW 1/4 SW 1/4
10 acres MINIDOKA 160 acres
 County _____

Lat. : : Long. : :
 Address of Well Site 1330 21 st.
 City HEYBURN

Lt. _____ Blk. _____ Sub. _____ Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☒ Injection ☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
cement &	18	5	27	overbore
bantonite	5	0	7	"

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8.5/8	1.5	20.5	250	steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Pertorations	Method	screen
Screens	Screen Type	S S 30

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
29	20	20		8 5/8	SS	☒	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

8 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or
control devices: remove well cap

11. WELL TESTS:

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
325	10 ft	18	2 $\frac{3}{5}$

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments:

Depth first Water Encounter **and 5**

12. LITHOLOGIC LOG: (Describe repairs or abandonment) water

[illegible]

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name COTCH WELI DRILLING Firm No. 161

Firm Official: Sherman Cowan Date: 1-16-2000

and

Driller or Operator *Kathleen* Date

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

SCANNED
JUN 19 2020

Ident. No. 36-99-S-0190-000
Well Tag No. D0008608
Injection Permit No. 36-W-0184

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR DRILLING PERMIT

1. Name: UNITED ELECTRIC CO-OP INC. O 208-436-4781
Address: 109 S 100 W
RUPERT ID 83350

2. Proposed Well Location: Township 10S, Range 23E, Sec. 10, SWSW
MINIDOKA County

Street Address of Well Site: 1330 21ST ST.
HAYBURN ID

3. Proposed Use of Well: Other
INJECTION WELL

36-W-184

4. Well Construction Information:

A. NEW WELL

B. Proposed Surface Diameter 81 In. Proposed Maximum Depth 100 Ft.

C. Anticipated Bottom Hole Temperature: 85 F or less (Cold water well)

(NOTE: Construction diagrams and/or other information may be requested for
monitor, low temperature geothermal, municipal and artesian wells.)

5. Construction Start Date: 11/ 7/1999

6. Anticipated Well Driller: SHERMAN COUCH WELL DRILLING (No. 0161)

NOTE: The actual well driller must be identified to IDWR prior to drilling
commencement.

7. Applicant's Signature Ralph Will Date _____

Title _____
(Owner, Firm Representative, Other)

Fee \$ 75.00 Received by _____ No. _____ Date _____

MICROFILMED
DEC 29 1999

(Continued)

6001 5 2 036

Ident. No.
Well Tag No.

36-99-S-0190-000
D0008608

WATERHOLOIN

ACTION OF THE DEPARTMENT OF WATER RESOURCES

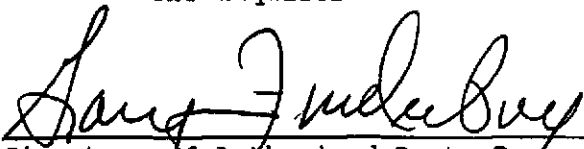
This permit is **APPROVED**

Date: 11/ 5/1999

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. **READ CAREFULLY!**

CONDITIONS OF APPROVAL:

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required prior to construction of this well. The local Health Department should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100' from any drainfield and 50' from any septic tank. Public Water Supply wells must not be drilled closer than 100' from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig Line " Number for your area is 1-800-342-1585.
9. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.
10. This water is to be used for heat pump use only and will be injected back to the aquifer.


Signature of Authorized Dept. Representative


Title

EXTENSION OF DRILLING PERMIT

Extension Approved by: _____

Approval Date: _____

Expires On: _____

State of Idaho
 Department of Water Resources

RECEIVED

NOV 05 1999

 Department of Water Resources
 Southern Region

APPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)

1. Owner (please print): United Electric Co-op, Inc.
2. Mailing Address: 109 South 100 West
 City: Rupert State: ID Zip Code: 83350 Telephone 208-436-4781
3. Proposed Well Location: Twp. 10S, Rge. 23E, Sec. 10, W $\frac{1}{2}$ 1/4 SW 1/4 SW 1/4
 Govt Lot No. _____ County Minidoka Lat. _____ Long. _____
 Street Address of Well Site 1330 21st Street City Heyburn
Give at least name of road + Distance to Road or Landmark
 Lot, block and subdivision _____
4. Proposed Use of Well:
- ☐ DOMESTIC: The use of water for homes, organization camps, public campgrounds, livestock (1,000 head or less) and for any other purpose in connection therewith, including irrigation of up to $\frac{1}{4}$ acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.
- Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.
- NON-DOMESTIC: ☐ Irrigation ☐ Municipal ☐ Industrial
☐ Stock ☐ Test ☐ Other _____
 (Over 1,000 Head) _____ (Describe)
- ☒ INJECTION
- ☐ MONITORING: A well bore schematic and map is required for each blanket permit.
 No. of proposed wells: _____
5. Well Construction Information:
- A. ☒ New well ☐ Modify ☐ Replace
- B. Proposed Casing Diameter 8" Proposed Maximum Depth 100'
- C. Anticipated bottom hole temperature:
☐ 85°F or less ☐ 85°F to 212°F ☐ 212°F or more
 (Cold Water Well) (Low Temp. Geo. Well) (Geothermal Well)
6. Construction Start Date: approval of water right
7. Anticipated Well Driller: Sherman Couch Well Drilling Inc. Driller's Lic. No. 161
 NOTE: The actual well driller must be identified prior to drilling.
8. Applicant's Signature: [Signature] Date 11-5-99
 Address (if different than owner): General Manager
 City: _____ State: _____ Zip Code: _____ Telephone: _____
 Title: _____
 (Owner, Firm Representative, Other)

 MICROFILMED
 DEC 28 1999

Ident. No. 36-99-S-0189-000
Well Tag No. D0008607
Water Right No. 36-08797

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR DRILLING PERMIT

1. Name: UNITED ELECTRIC CO-OP INC. O 208-436-4781
Address: 109 S 100 W
RUPERT ID 83350

2. Proposed Well Location: Township 10S, Range 23E, Sec. 10, SWSW
MINIDOKA County

Street Address of Well Site: 1330 21ST ST.
HAYBURN ID

3. Proposed Use of Well: Other
COMERCIAL

4. Well Construction Information:

- A. NEW WELL
B. Proposed Surface Diameter 81 In. Proposed Maximum Depth 100 Ft.
C. Anticipated Bottom Hole Temperature: 85 F or less (Cold water well)
(NOTE: Construction diagrams and/or other information may be requested for monitor, low temperature geothermal, municipal and artesian wells.)

5. Construction Start Date: 11/ 7/1999

6. Anticipated Well Driller: SHERMAN COUCH WELL DRILLING (No. 0161)
NOTE: The actual well driller must be identified to IDWR prior to drilling commencement.

7. Applicant's Signature [Signature] Date _____
Title _____
(Owner, Firm Representative, Other)

Fee \$ 200⁰⁰ Received by [Signature] No. 5022696 Date 12-6-99

MICROFILMED
DEC 23 1999

(Continued)

NOT 5 2 2000
COLUMBIA

Ident. No.
Well Tag No.

36-99-S-0189-000
D0008607

ACTION OF THE DEPARTMENT OF WATER RESOURCES

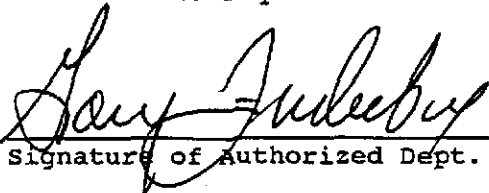
This permit is **APPROVED**

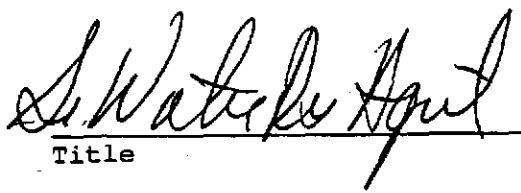
Date: 11/ 5/1999

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. **READ CAREFULLY!**

CONDITIONS OF APPROVAL:

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required prior to construction of this well. The local Health Department should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100' from any drainfield and 50' from any septic tank. Public Water Supply wells must not be drilled closer than 100' from any drainfield or septic tank.
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4. Approval of this drilling permit does not authorize trespass on the land of another party.
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6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig Line " Number for your area is 1-800-342-1585.
9. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.
10. This water is to be used for heat pump use only and will be injected back to the aquifer.


Signature of Authorized Dept. Representative


Title

EXTENSION OF DRILLING PERMIT

Extension Approved by: _____

Approval Date: _____
Expires On: _____

Drilling permit No. 36-99-S-0189.000

Water right No. 36-08797

REQUEST FOR EXPEDITED ISSUANCE OF A DRILLING PERMIT

United Electric Co-op, Inc., Applicant, requests issuance of a drilling permit prior to approval of a water right to withdraw water from the well.

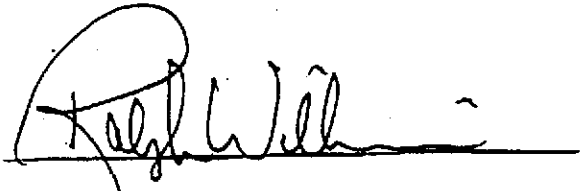
The request is made for the following reason(s):

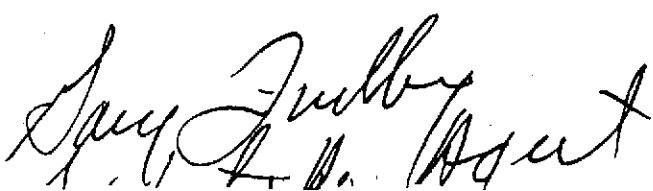
Due to the construction of a new headquarters building which we are heating with water source heat pumps for energy efficient reasons we request permission to begin drilling as soon as possible. We were ignorant to the process required to complete this project. I could blame consultants, architect or others but that would serve no purpose. The fact is that none of us had been involved in a project like this and simply did not understand the water right and permits that are required. The fact of the matter is that we are in December. We have a new facility ready to move onto and we do not have water for our heat pump system. Therefore I respectfully request an expedited permission to begin drilling on our

Applicant understands that the drilling permit does not constitute a water right and does not authorize diversion or use of water from the well.

Applicant acknowledges that by accepting a drilling permit and commencing construction he accepts all risk that the well may not ultimately be approved for use.

Date 12-6-99

Signature 

Applicant 

MICROFILMED
DEC 28 1999

12/16/96 (LDT)

(Internet)

Drilling Permit No. 11-5-109-000Drilling Permit I.D. Tag No. 0000-8607

Water Right Permit No. _____

Injection Permit No. _____

State of Idaho
Department of Water Resources

RECEIVED

NOV 05 1999

Department of Water Resources
Southern RegionAPPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)

1. Owner (please print): United Electric Co-op, Inc.
2. Mailing Address: 109 South 100 West
City: Rupert State: ID Zip Code: 83350 Telephone: 208-436-4781
3. Proposed Well Location: Twp. 10S Rge. 23E Sec. 10 W $\frac{1}{2}$ 1/4 SW 1/4 SW 1/4
Gov't Lot No. _____ County Minidoka Lat. _____ Long. _____
Street Address of Well Site 1330 21st Street City Heyburn
Give at least name of road - Distance to Road or Landmark
Lot, block and subdivision _____
4. Proposed Use of Well:
- ☐ DOMESTIC: The use of water for homes, organization camps, public campgrounds, livestock (1,000 head or less) and for any other purpose in connection therewith, including irrigation of up to $\frac{1}{2}$ acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.
- Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.
- NON-DOMESTIC: ☐ Irrigation ☐ Municipal ☐ Industrial
☐ Stock ☐ Test ☒ Other non-consumptive production
(Over 1,000 Head) (Describe)
- ☐ INJECTION
- ☐ MONITORING: A well bore schematic and map is required for each blanket permit.
No. of proposed wells: _____
5. Well Construction Information:
- A. ☒ New well ☐ Modify ☐ Replace
- B. Proposed Casing Diameter 8" Proposed Maximum Depth 100'
- C. Anticipated bottom hole temperature:
☐ 85°F or less (Cold Water Well) ☐ 85°F to 212°F (Low Temp. Geo. Well) ☐ 212°F or more (Geothermal Well)
6. Construction Start Date: approval of water right
7. Anticipated Well Driller: Sherman Couch Well Drilling Inc. Driller's Lic. No. 161
NOTE: The actual well driller must be identified prior to drilling.
8. Applicant's Signature: [Signature] Date 11-5-99
Address (if different than owner): General Manager
City: _____ State: _____ Zip Code: _____ Telephone: _____
Title: _____
(Owner, Firm Representative, Other)

Receipt # 8022696

MICROFILMED
DEC 29 1999

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NOV 24 1999
Department of Water Resources
Sacramento-San Joaquin River Delta

Ruth Holmes, being first duly sworn, deposes and says that she is the Legals clerk of the South Idaho Press, a daily newspaper published at Burley, Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of the South Idaho Press for 2 consecutive week(s), commencing with the issue dated November 15 1999 and ending with the issue dated November 22 1999.

On this 22nd day of November in the year of 1999 before me, a Notary Public, personally appeared Ruth Holmes, known or identified to me to be the person whose name is subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

My commission expires: 6-28-2000

OK
MB
12/16/99

DEC 29 1999

99-476

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho;

36-08797

UNITED ELECTRIC CO-OP, INC.
109 SOUTH 100 WEST
RUPERT, ID 83350

Source: GROUNDWATER

Diversion Pt: SWSW Sec 10 T 10S R 23E in MINIDOKA County.

Use: HEATING (0.268 CFS)

COOLING (0.268 CFS)

Total Diversion: (0.268 CFS)

Date Filed 11/5/1999

In: MINIDOKA County

T10S R23E S10 SWSW

The permit(s) will be subject to all prior water rights. Any protest must be filed with the Director, Dept. of Water Resources, Southern Region, 1341 Fillmore St., Suite 200; Twin Falls, ID 83301 together with a protest fee of \$25.00 on or before DECEMBER 3, 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published in the South Idaho Press on November 15 and 22, 1999.

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

36-08797

UNITED ELECTRIC CO-OP, INC.
109 SOUTH 100 WEST
RUPERT, ID 83350

Source: GROUNDWATER

Diversion Pt: SWSW Sec 10 T 10S R 23E in MINIDOKA County.

Use: HEATING	(	0.268 CFS)
COOLING	(	0.268 CFS)
Total Diversion:	(	0.268 CFS)

Date Filed: 11/ 5/1999

In: MINIDOKA County
T10S R23E S10 SWSW

The permit(s) will be subject to all prior water rights. Any protest must be filed with the Director, Dept. of Water Resources, Southern Region, 1341 Fillmore St., Suite 200; Twin Falls, ID 83301 together with a protest fee of \$25.00 on or before DECEMBER 3, 1999. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published: 11/15/1999 & 11/22/1999

MICROFILMED

DEC 29 1999



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

SOUTHERN REGION

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

NOVEMBER 5, 1999

Legal Notices Department
SOUTH IDAHO PRESS
230 EAST MAIN STREET
BURLEY, ID 83318

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before DECEMBER 3, 1999.

Yours truly,

Mary Baldwin
Administrative Assistant

Enclosure

MICROFILMED

DEC 29 1999