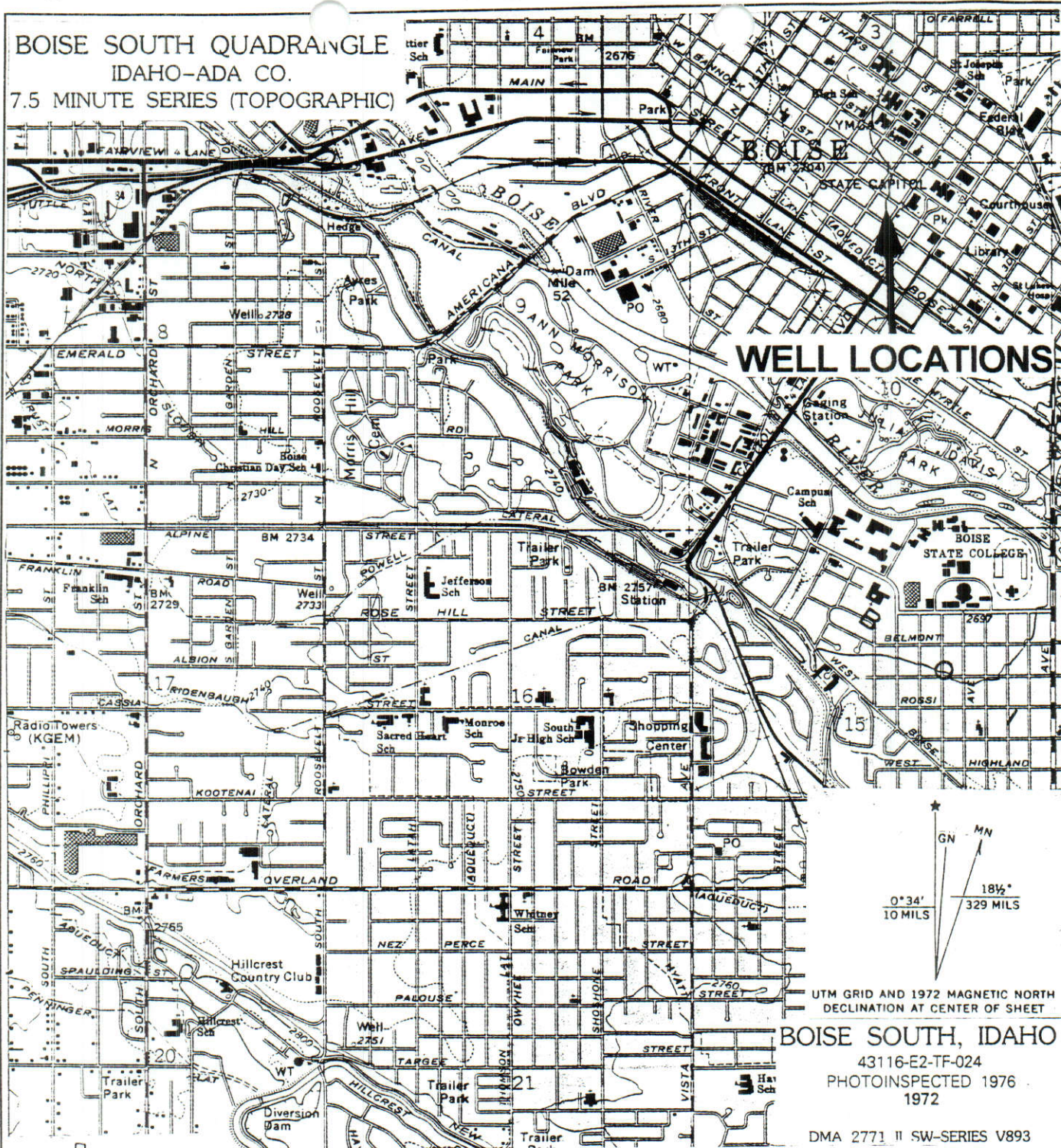
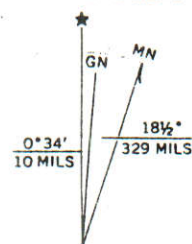


BOISE SOUTH QUADRANGLE
IDAHO-ADA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



WELL LOCATIONS



UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

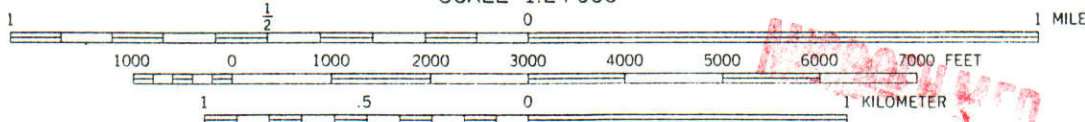
BOISE SOUTH, IDAHO

43116-E2-TF-024

PHOTOINSPECTED 1976
1972

DMA 2771 II SW-SERIES V893

SCALE 1:24 000



QUADRANGLE LOCATION

Map photoinspected 1976
no major culture or drainage changes observed

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

AUG 21 1996

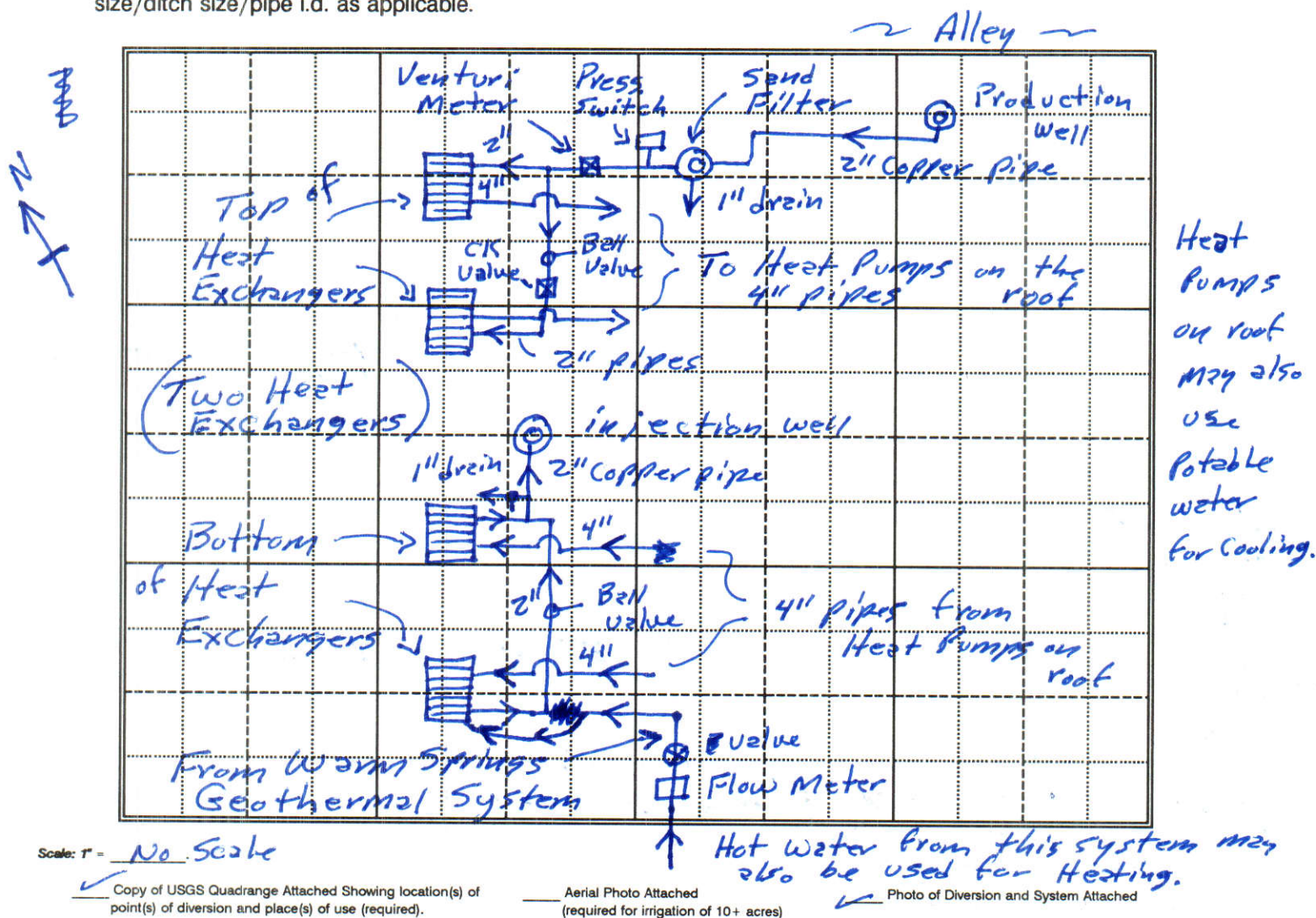


WELL LOCATION MAP
UNION BLOCK BUILDING
COMMUNITY CONTRACTING/PARKLANE COMPANY
Boise, Idaho
c:\mab\6296.c\figure1.cvs
13-Jun-96

Figure

1

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		10		Caron Pump Co.	

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

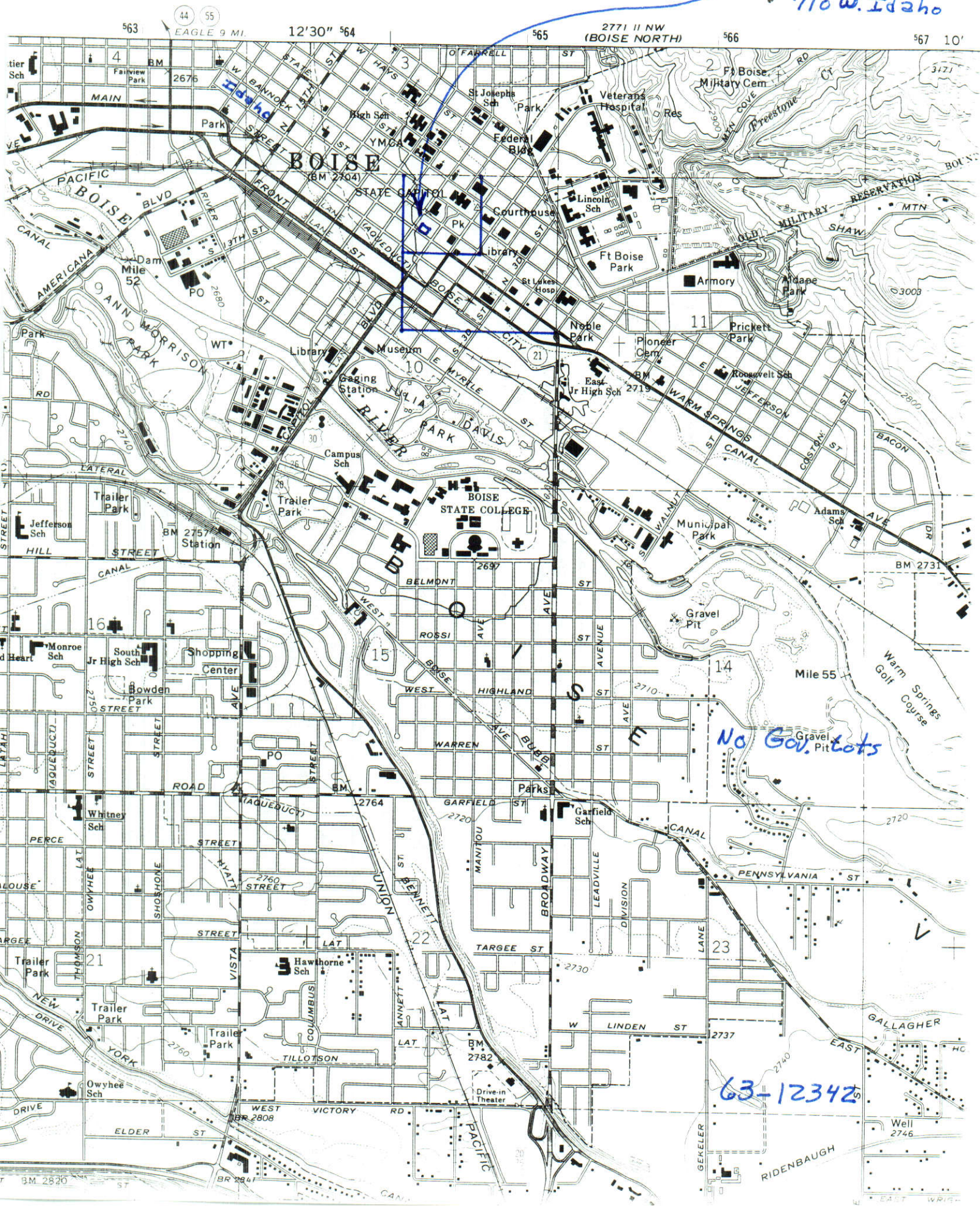
1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: None - There is a Venturi Meter installation on the 2" line from the well, but the probes and electrical system has not be installed - No flow measurement possible.

T3N, R2E, Sec.10, NWNE

P10, P1u
Union Block Bldg.
710 W. Idaho



8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

9. REMARKS:

This well is a production well for Heating & Cooling of the Union Block Bldg. at 710 W. Idaho Street. It is operated in conjunction with the injection well ~~and~~ under Drilling Permit 63-96-C-0397-000.

Don Tomich, Water Rights Examiner
Signature of Dept. Representative & Title

11-19-97
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

9. REMARKS:

This is an injection well used in conjunction with the production well under drilling permit 63-96-C-0396-0000. It injects the spent water after heating or cooling the Union Block Bldg at 710 W. Idaho St. When cooling the water is injected at a temperature higher than the groundwater.

Jan Tomich, Water Rights Examiner
Signature of Dept. Representative & Title

11-19-97
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



1 of 2



P/D

Production
Well
Located
on North
Side of
Union
Block
BIDG
by Alley.



Injection
Well
located
on North
Side of
Union
Block
BIDG
about
50'
West of
Production
Well

63-12342

2 of 2



P/u
Union
Block
BLDG.
710 W.
Idaho
St.

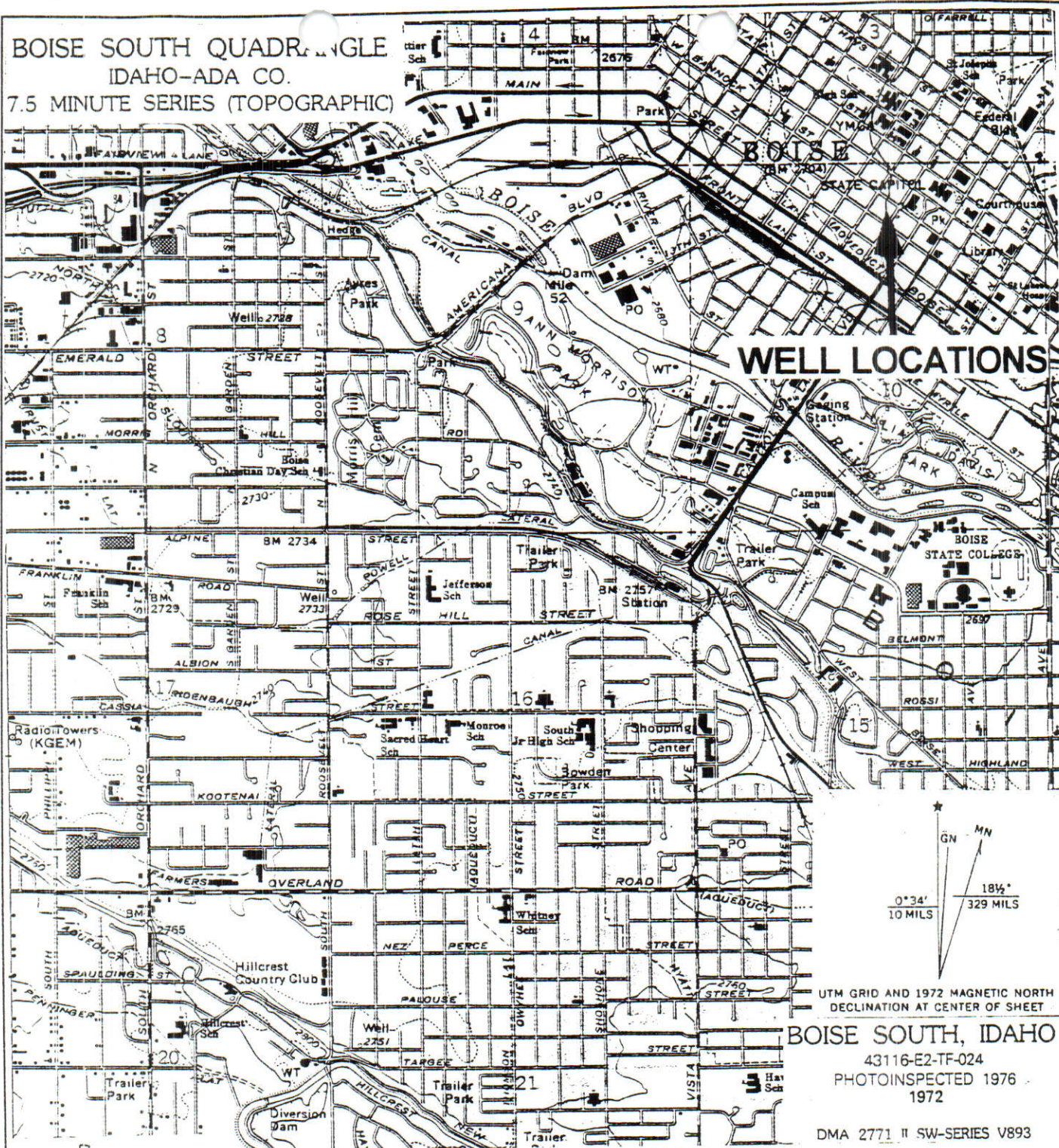
View
Looking
Northwest



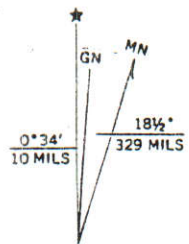
P/u
one of
two
Heat
Exchangers
and
Control
Valves,
Piping, etc.
Located in
basement
on North
side.

63-12342

BOISE SOUTH QUADRANGLE
IDAHO-ADA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



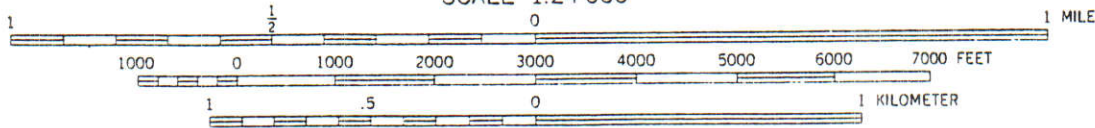
WELL LOCATIONS



UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

BOISE SOUTH, IDAHO
43116-E2-TF-024
PHOTOINSPECTED 1976
1972
DMA 2771 II SW-SERIES V893

SCALE 1:24 000



QUADRANGLE LOCATION

Map photoinspected 1976
no major culture or drainage changes observed

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



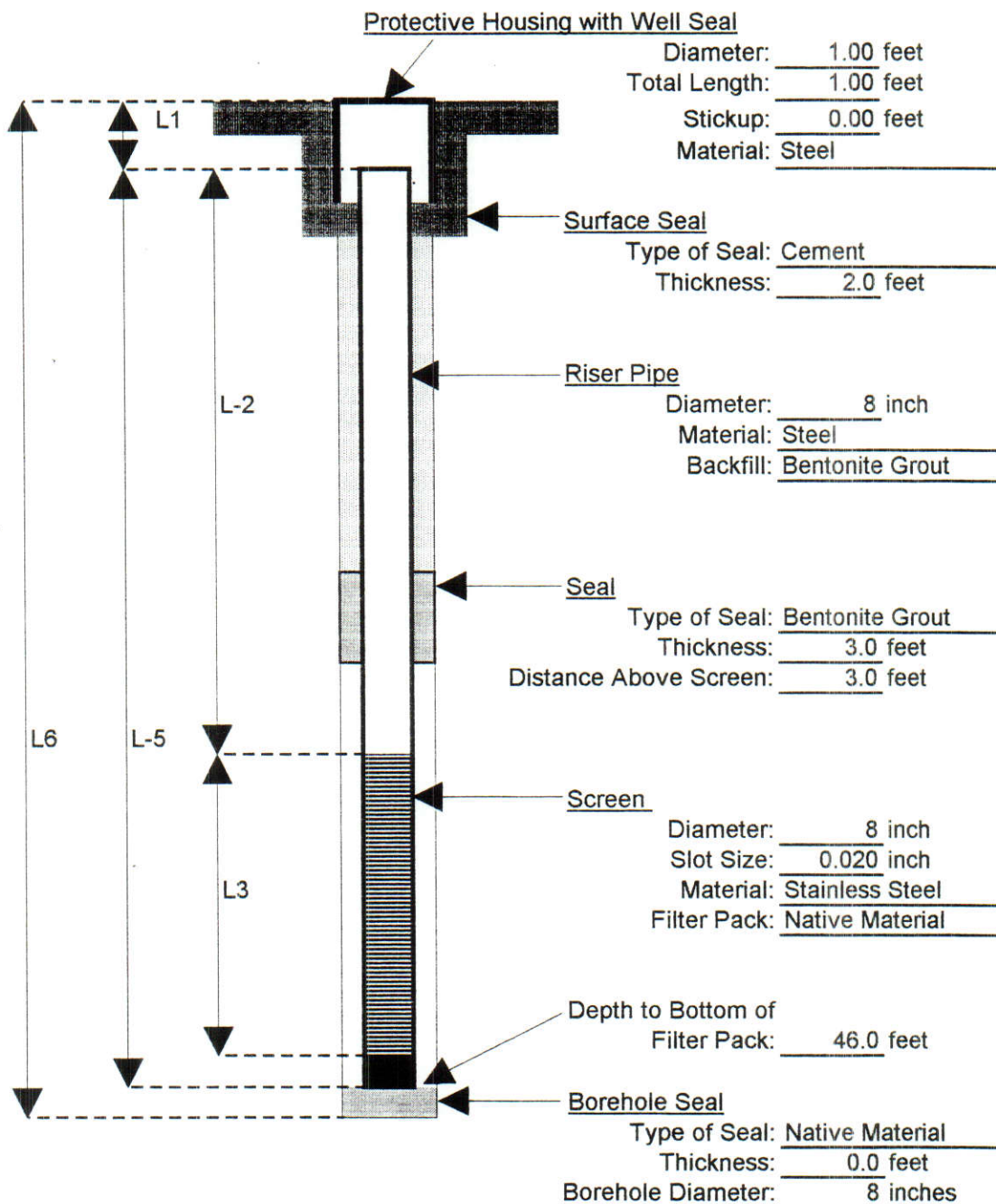
WELL LOCATION MAP
UNION BLOCK BUILDING
COMMUNITY CONTRACTING/PARKLANE COMPANY
Boise, Idaho
c:\mab\6296.cc\figure1.cvs

Figure
JUN 21 1996
13-Jun-96

LYMPUS ENVIRONMENTAL, INC.
PROPOSED INJECTION WELL CONSTRUCTION LOG
Union Block Building
Parklane Company, Inc.
Boise, Idaho

Injection Well ID: IW-1

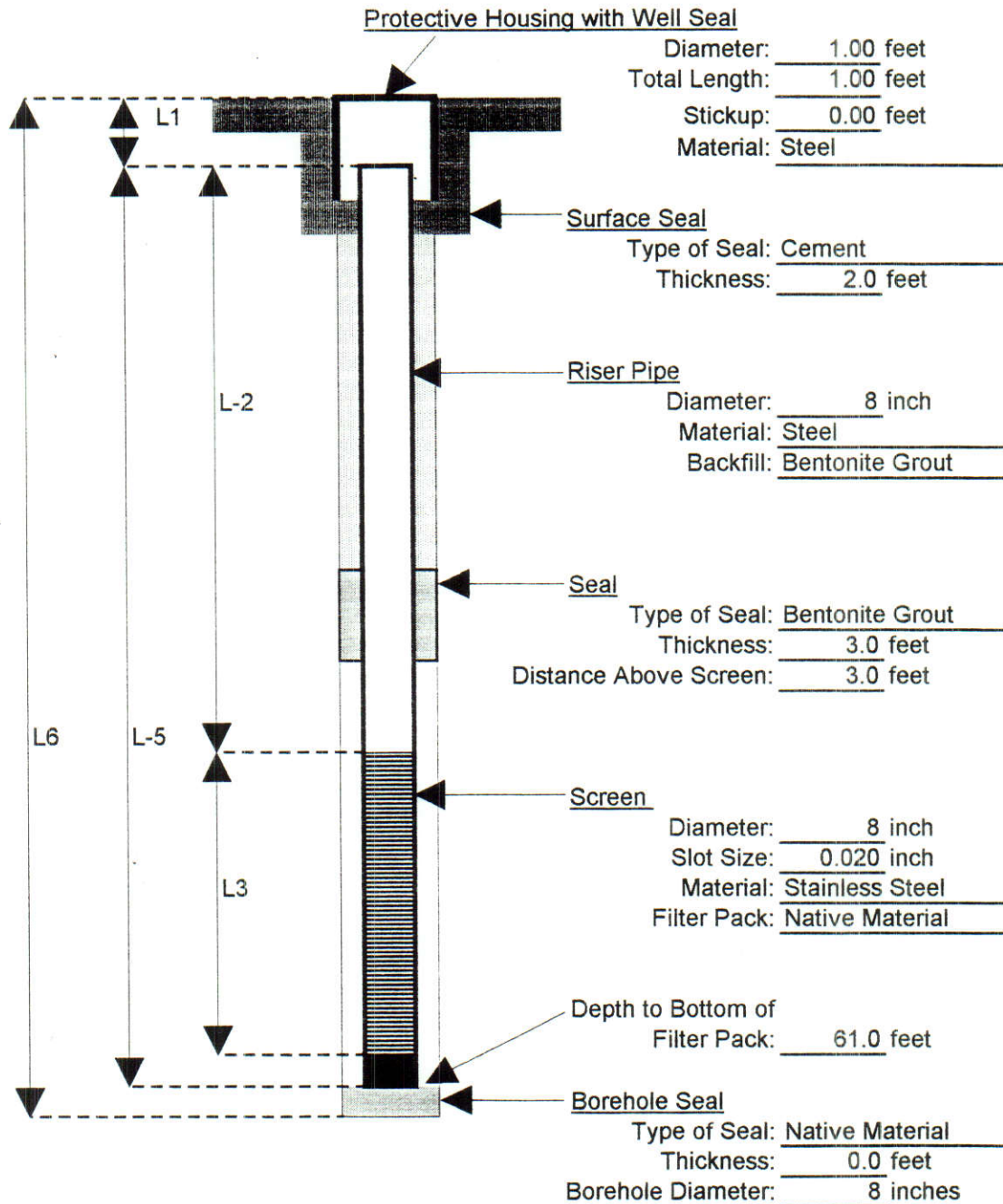
Completion Date: NA



LYMPUS ENVIRONMENTAL, INC.
PROPOSED COOLING WELL CONSTRUCTION LOG
Union Block Building
Parklane Company, Inc.
Boise, Idaho

Injection Well ID: CW-1

Completion Date: NA



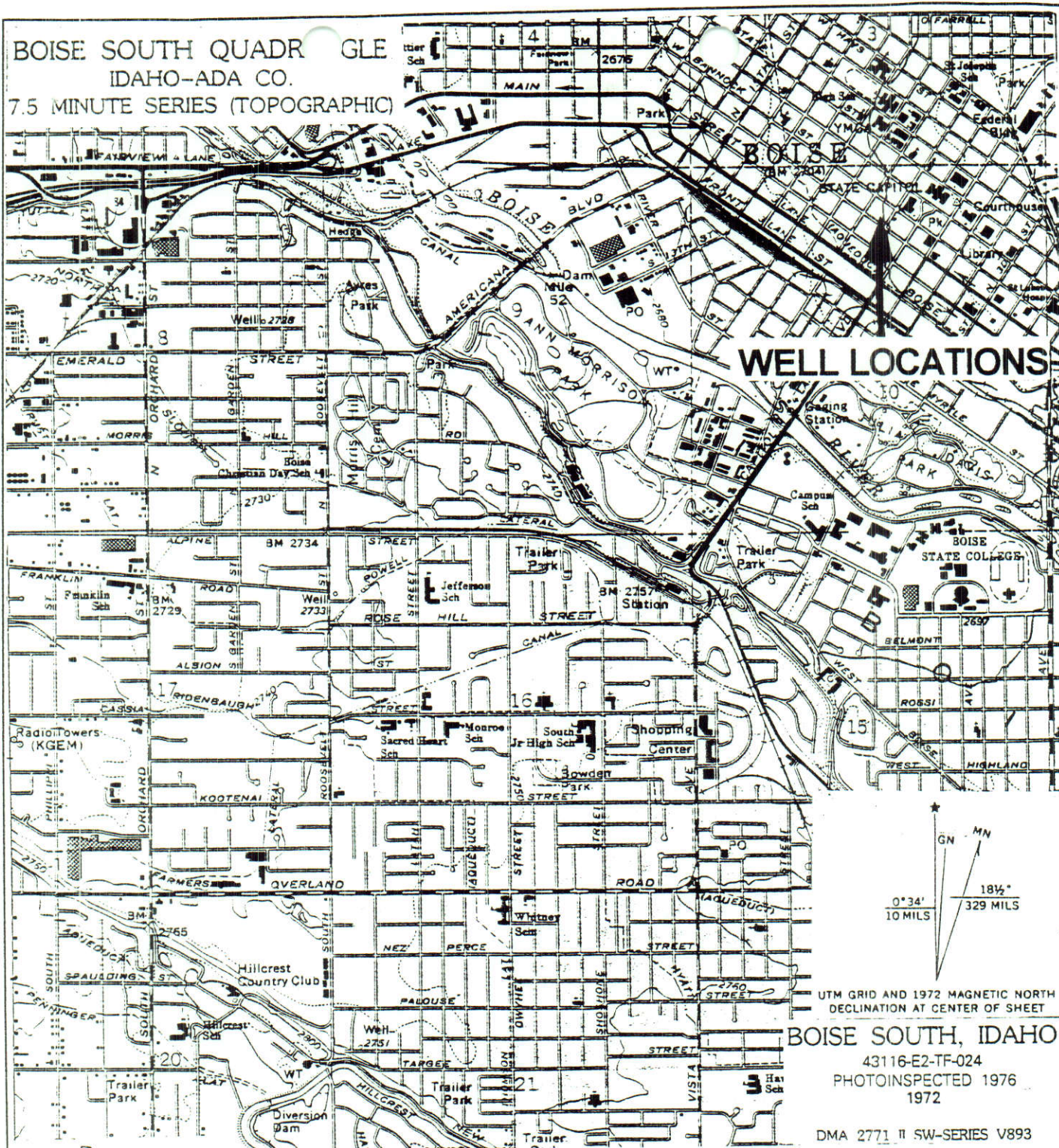
Well Specifications

L-1 Setdown: 0.50 feet
L-2 Riser: 40.00 feet
L-3 Screen: 20.00 feet
L-4 Bottom Cap: 0.50 feet
L-5 Well Depth: 60.50 feet
L-6 Boring Depth: 61.00 feet

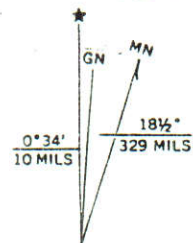
Elevations

Top of Housing: NA feet
Top of Casing: NA feet

BOISE SOUTH QUADR GLE
IDAHO-ADA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



WELL LOCATIONS



UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

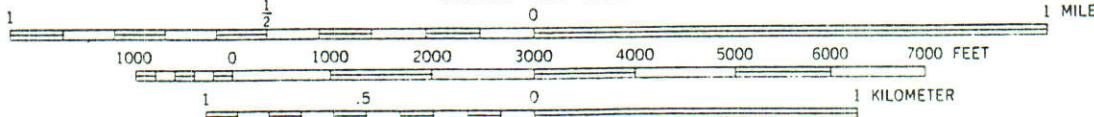
BOISE SOUTH, IDAHO

43116-E2-TF-024

PHOTOINSPECTED 1976
1972

DMA 2771 II SW-SERIES V893

SCALE 1:24 000



QUADRANGLE LOCATION

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CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



WELL LOCATION MAP
UNION BLOCK BUILDING
COMMUNITY CONTRACTING/PARKLANE COMPANY

c:\mab\6296.cc\figure1.cvs

Boise, Idaho

13-Jun-96

Figure

1

AUG 21 1996

7/94

FOR OFFICE USE ONLY

Amt. of Fee \$: 100.00Receipt No. 6046002Receipt By: dyDate Received: 8-29-97

RECEIVED

AUG 29 1997

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 who has been appointed by the department.

1. Permit No. 63-12342 Telephone No. 345-3221
2. Name(s) of Permit Holder(s): VERKLANE CO.
3. Mailing Address: 817 W. FRANKLIN, BOISE, IDA 83702
4. Source of Water: WELL If GROUNDWATER (well), Date Drilled: mo. 7 / yr. 96
 - a. Well Driller: KHIPP'S Drilling Permit Number: - - - - -
 - b. OPTIONAL:
Pump Horsepower: 10 Pressure (psi): 70 Dynamic pumping level (ft): 70 ft
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: .222 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

Has the measuring device been installed?

Yes ✓ or No

Flow Measurement Port: Is a flow measurement port required?

Yes or No

Has the measurement port been installed?

Yes ✓ or No 8. Fee Enclosed: \$ 100 (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: Jim Campbell Telephone Number: 361-4472Address: 2216 SUNSET

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

Signature of permit holder: Jim Campbell (include your title, if on behalf of company or organization)Date: 8/29/97

MICROFILMED

SEP 11 1997

State of Idaho
Department of Water Resources
Permit To Appropriate Water
NO. 63-12342

Proposed Priority: June 19, 1996

Maximum Diversion Rate:

0.26 CFS

This is to certify, that **PARKLANE CO**
1817 W FRANKLIN AVE
BOISE ID 83702

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>
------------------------------	-----------------------------	---------------------------------

COOLING	03/15 to 11/15	0.26 CFS
---------	----------------	----------

LOCATION OF POINT(S) OF DIVERSION:

NWNE , Sec. 10, Township 03N, Range 02E
ADA County

PLACE OF USE: COOLING

TWN RGE SEC

03N 02E 10

NWNE

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **September 1, 1997.**
2. Subject to all prior water rights.
3. After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
4. The point of diversion identified in this right is located within the boundaries of the Boise Front Low Temperature Geothermal Resource Groundwater Management Area. The well driller shall monitor water temperatures while drilling the well. If water with a temperature greater than 85 degrees Fahrenheit is encountered by the driller, drilling must immediately cease, and the Department must be notified. Drilling shall not resume until the Department has reviewed the drilling conditions, and established standards for construction with the driller.
5. Proposed water bearing zone to be appropriated is from 0 to 65 feet. All flows to be reinjected to same zone.
6. Cooling use is for Union Block Building.

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

16 day of August, 1996

AUG 21 1996

for *Karl J. Dreher*
Karl J. Dreher, Director

RECEIVED

AUG 08 1996

Ident. No. 63-12342

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: PARKLANE CO
Address: 1817 W FRANKLIN AVE
BOISE ID 83702
208-345-3221
2. Source: GROUNDWATER
3. Location of Point of Diversion: Trib. to:
NW~~NE~~WNE Sec. 10, Township 03N, Range 02E
ADA County
4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
COOLING	03/15	11/15	0.260		
5. Total quantity to be appropriated is:
0.260 CFS (and/or) AF
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc.
PRODUCTION WELL, PUMP & PIPELINES, INJECTION WELL TO MITIGATE
 - b. Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
 - c. Proposed well diameter is 8 inches; proposed depth of well is 65 feet.
 - d. Is groundwater with a temperature greater than 85F being sought? NO
 - e. If well is already drilled, when?
Drilling Firm
Well was drilled for
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 year(s).
8. Place of Use: COOLING

TWN RGE SEC
03N 02E 10

~~NENE~~ NW~~NE~~E

AUG 21 1996

SEE 6/13/96 LETTER RE: CONTACT PERSON

9. a. Who owns the property at the point of diversion?
APPLICANT
b. Who owns the land to be irrigated or place of use?
APPLICANT
c. If the property is owned by a person other than the applicant,
describe the arrangement enabling the applicant to make this filing.

10. Remarks:

Proposed water bearing zone to be appropriated is from 0 to 65 ft

11. Map of proposed point of diversion and place of use attached? [X]

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

See original
Applicant

Received by SL Date 6/19/96 Time 4:00 Preliminary check by CJT

Fee \$ 100.00 Receipted by SL #W021053 Date 6/19/1996

Publication prepared by SL Date 6-26-96 Published in Idaho Statesman

Publication approved SL Date 7-24-96

APPROVED

AUG 21 1996

Ident. No. 63-12342

Comments: Date: 6/20/1996 User-ID: SLESTER

Subject: ADDITIONAL APPLICATION INFORMATION

Cooling use is for closed loop heat pump system for Union Block Bldg. where mitigation is via proposed injection well application filed concurrently. See appl. Attachments A & B plus copies of d.p. & inj. well appls. also filed. Original d.p. & inj. well appls. filed at S.O.

Original inj. well appl. being forwarded to Region per call from Doug D. today.

Inj. well appl. 63-W-137.

D.P. appls. 63-96-C-0396-000 for production well & 397 for inj. well; expedited d.p. being issued by S.O. with standard cautions about nonuse pending water right & inj. well applications. Need to drill asap since wells to be in basement area of building being remodeled - well drilling, then remodel.

CONTACT PERSON IS MICHAEL BACKE WITH OLYMPUS ENVIRONMENTAL - SEE HIS 6/13 LETTER.

AUG 21 1996

ATTACHMENT A
COOLING SYSTEM SPECIFICATIONS

Received Event (Event Succeeded)

Date: 5/20/96
Pages: 5
Sender: 208 888 7145
Fax Number:
Type: Fax

Time: 10:31 AM
Duration: 3 min 5 sec
Company:
Subject:

05-20-96 10:03 AM FROM KARTCHNER ENGN

TO Parklane Company, In

P03

mechanical products utah inc.

870 EAST 9400 SOUTH STE. 108
SANDY, UTAH 84094
801/553-0519
FAX 801/553-0918

FAX TRANSMISSION

To: Richard Kartchner
Company: Kartchner Engrs.
Fax #: 208-888-7145

From: Jill Thom
Date: 4/4/96
Subject: Union Block

Message

Heat Exchanger selections are transmitted herewith.
The heating duty PHE has been selected to not
exceed 15 psi water P.D. + was reduced by (4)
plates + is no longer water oversized. It should
sell for \$2800⁰⁰ which is a 300⁰⁰ savings.
The cooling duty PHE has been selected with a
flow rate of 115 GPM on the cold side which
is the minimum flow rate according to Paul Mueller
Company in order to achieve a heat balance with
this hot side having 238 GPM at 90°/75° if
the cold side inlet is 55°. This should sell
for \$5100⁰⁰. I'll try to reach the developer,
Mike Campbell, + give him a quote for these
two heat exchangers once you tell me they are
what you want Sheet 1 of 3 Thanks
to me in your design.

Thom
Jill

AUG 21 1996

Received Event (Event Succeeded)

Date: 4/8/96
 Pages: 5
 Sender: 801 553 0918
 Fax Number:
 Type: Fax

Time: 5:58 PM
 Duration: 4 min 21 sec
 Company:
 Subject:

04-08-1996 05:59PM FROM MECHANICAL PRODUCTS UTAH TO 12083421209 P.04
 PAUL MUELLER 4178310842; 04/03/96 5:19PM; Jett #874; Page 4/

 * MUELLER ACCU-THERM *
 * PLATE HEAT EXCHANGER SPECIFICATION SHEET *

V-RS6000 1.0

DESIGNED FOR : UNION BLOCK PWC SPEC. NO. : 33923-02.01
 LOCATION : BOISE, ID SALES MANAGER : ALDAY/RN
 CUST. REF. NO. : DATE : 4/ 3/96

		HOT-SIDE	COLD-SIDE	
*****	HEAT TRANSFER MEDIA :	WATER	WATER	
* DESIGN *	VOLUME FLOW RATE :	258.0	115.0	GPM
* DATA *	MASS FLOW RATE :	118707.3	57456.4	LB/HR
* PER *	INLET TEMPERATURE :	90.0	55.0	DEG F
* SYSTEM *	OUTLET TEMPERATURE :	75.0	86.0	DEG F
*****	DENSITY :	8.32	8.33	LB/GAL
	SPECIFIC HEAT :	.998	.999	BTU/LB F
	VISCOSITY :	.83	.97	CPS
	THERMAL CONDUCTIVITY :	.353	.347	BTU/FT H F
	PRESSURE DROP :	14.48	2.93	PSI
	OPERATING PRESSURE :	45.	50.	PSI GAGE
	HEAT TRANSFER RATE :	1777037.		BTU/H
	LOG MEAN TEMP DIFF. :		10.0	DEG F
	HEAT TRANSFER AREA :	162.1		FT2

	FRAME	TYPE	F-20 CARBON STEEL
*****		DESIGN CODE	NON-CODE
* MECHANICAL *		DESIGN PRESS.	125 PSI GAGE
* DESCRIPTION *		DESIGN TEMP. MAX/MIN	150 DEG F/ 32 DEG F
*****		TEST PRESSURE	163 PSI GAGE
		FRAMES IN PARALLEL	1
		FRAMES IN SERIES	1
		TOTAL NUMBER FRAMES	1
		A-DIM. MIN./MAX.	5.35/ 5.42 INCH
		OVERALL LENGTH(L)	33.89 INCH
		OVERALL WIDTH	26.75 INCH
		OVERALL HEIGHT	67.87 INCH
		GUIDE BAR LENGTH	30.00 INCH
		COMPRESSION BOLT LENGTH	18.00 INCH
		WEIGHT OPERATING/EMPTY	2408./ 2274. LB
		304 S/S SHROUD INCLUDED	

	PLATES	TYPE	40 P
		PLATE MATERIAL	.60 MM 316 S/S
		PLATES/FRAME	36
		PASSES	1 HOT-SIDE/ 1 COLD-SIDE
		CHANNELS/FRAME	18 HOT-SIDE/ 17 COLD-SIDE
		GASKET MATERIAL	NBR

CONNECTIONS	HOT	IN	4.00	INCH	NBR	STUDDOED	LOCATION 1F
		OUT	4.00 <td>INCH <td>NBR</td> <td>STUDDOED</td> <td>LOCATION 4F</td> </td>	INCH <td>NBR</td> <td>STUDDOED</td> <td>LOCATION 4F</td>	NBR	STUDDOED	LOCATION 4F
	COLD	IN	4.00 <td>INCH <td>NBR</td> <td>STUDDOED</td> <td>LOCATION 3F</td> </td>	INCH <td>NBR</td> <td>STUDDOED</td> <td>LOCATION 3F</td>	NBR	STUDDOED	LOCATION 3F
		OUT	4.00 <td>INCH <td>NBR</td> <td>STUDDOED</td> <td>LOCATION 2F</td> </td>	INCH <td>NBR</td> <td>STUDDOED</td> <td>LOCATION 2F</td>	NBR	STUDDOED	LOCATION 2F

COOLING
\$ 5100
Budget Price

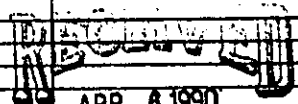
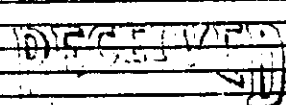
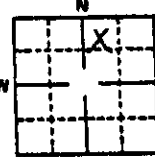
AUG 21 1996

ATTACHMENT B
WELL DRILLING LOGS

c:\mab\6297.cc\dw613r.doc

AUG 21 1996

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>John Murphy</u> Address <u>1020 Main St. Suite 440 Bldg 83702</u> Owner's Permit No. <u>63-89-2-224</u>	7. WATER LEVEL Static water level <u>27'</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>60</u> °F. Quality <u>10 grains</u> Describe artesian or temperature zones below.																																								
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Baller ☒ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>185</u></td> <td><u>58</u></td> <td><u>12</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>185</u>	<u>58</u>	<u>12</u>																																		
Discharge G.P.M.	Pumping Level	Hours Pumped																																							
<u>185</u>	<u>58</u>	<u>12</u>																																							
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☒ Other <u>cooling well</u> (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td><u>12</u></td> <td><u>0</u></td> <td><u>2</u></td> <td><u>Top soil</u></td> <td> </td> <td>☒</td> </tr> <tr> <td><u>12</u></td> <td><u>2</u></td> <td><u>10</u></td> <td><u>Sand & clay</u></td> <td> </td> <td>☒</td> </tr> <tr> <td><u>12</u></td> <td><u>10</u></td> <td><u>13</u></td> <td><u>gravel (cemented)</u></td> <td> </td> <td>☒</td> </tr> <tr> <td><u>8</u></td> <td><u>13</u></td> <td><u>40</u></td> <td><u>gravel & boulders</u></td> <td> </td> <td>☒</td> </tr> <tr> <td><u>8</u></td> <td><u>40</u></td> <td><u>60</u></td> <td><u>gravel & boulders</u></td> <td> </td> <td>☒</td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	<u>12</u>	<u>0</u>	<u>2</u>	<u>Top soil</u>		☒	<u>12</u>	<u>2</u>	<u>10</u>	<u>Sand & clay</u>		☒	<u>12</u>	<u>10</u>	<u>13</u>	<u>gravel (cemented)</u>		☒	<u>8</u>	<u>13</u>	<u>40</u>	<u>gravel & boulders</u>		☒	<u>8</u>	<u>40</u>	<u>60</u>	<u>gravel & boulders</u>		☒
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4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	 APR 8 1990 Department of Water Resources  03 1990 Department of Water Resources Western Regional Office  MAY 02 1990 Department of Water Resources																																								
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>250</u> inches</td> <td><u>9</u> inches</td> <td><u>1</u> feet</td> <td><u>50</u> feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☒ Yes ☐ No Perforated? ☐ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun Size of perforation _____ inches by _____ inches <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Johnson</u> Type <u>Telescopic</u> Model No. _____ Diameter <u>6 3/4</u> inches Slot size <u>35</u> Set from <u>50</u> feet to <u>60</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>18'</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Puddling clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strings Describe access port <u>Temporary Well Cap</u>	Thickness	Diameter	From	To	<u>250</u> inches	<u>9</u> inches	<u>1</u> feet	<u>50</u> feet													Number	From	To										10. Work started <u>1-17-90</u> finished <u>1-23-90</u>								
Thickness	Diameter	From	To																																						
<u>250</u> inches	<u>9</u> inches	<u>1</u> feet	<u>50</u> feet																																						
Number	From	To																																							
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Ada</u> NW 1/4 NE 1/4 Sec. <u>10</u> T. <u>3</u> N. R. <u>2</u> E.	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Cap. Ida Well</u> Firm No. <u>3044</u> <u>4250 Murphy Rd.</u> Address <u>Kuna, Id. 83634</u> Date <u>4/5/90</u> Signed by (Firm Official) <u>Earl Skinner</u> and (Operator) <u>Paul H. [Signature]</u>																																								

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPT. OF JUSTICE

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration
WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer
within 30 days after completion or abandonment of the well.

6/29/73 P

1. WELL OWNER
Name President Federal Sav Bank
Address 1001 West Idaho Blvd
Owner's Permit No. 165

7. WATER LEVEL
Static water level 224 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature 63 °F. Quality _____
Artesian closed-in pressure _____
Controlled by ☐ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

8. WELL TEST DATA
☒ Pump ☐ Bailer ☐ Other
Discharge G.P.M. 230 Draw Down 65 ft Hours Pumped 4

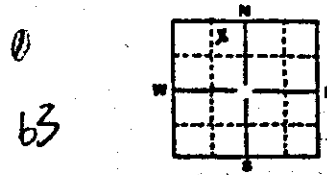
3. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal ☒ Industrial ☐ Stock

9. LITHOLOGIC LOG

4. METHOD DRILLED
☒ Cable ☐ Rotary ☐ Dug ☐ Other

Hole Diam.	Depth	Material	Water
From	To		Yes No
8	12	backfill	
	12	55 gravel	
	55	68 sand	
	68	70 yellow clay	
	70	78 blue clay fine gravel	
	78	80 blue sand	
	80	95 blue clay	
	95	103 blue sand	
	103	122 blue clay	
	122	130 sand	
	130	157 blue clay	
	157	156 sand & gravel	
	156	160 blue clay	
	160	168 sand & gravel	
	168	183 sand	
	183	214 blue clay	
	214	228 sand	
	228	236 blue clay & sand	
	236	243 blue clay	
	243	249 blue clay	
	249	253 blue sand	
	253	283 blue clay	
	283	285 blue sand	
	285	289 blue clay	
	289	300 blue clay	

5. WELL CONSTRUCTION
Diameter of hole 8 inches Total depth 300 feet
Casing schedule: ☐ Steel ☐ Concrete
Thickness 1 1/2 inches Diameter 8 inches From 12 feet To 165 feet
252 inches 6 inches 143 feet 145 feet
250 inches 6 inches 180 feet 243 feet
250 inches 6 inches 238 feet 249 feet
250 inches 6 inches 253 feet 286 feet
250 inches 6 inches 289 feet 300 feet
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches
_____ Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson
Type slotted Model No. _____
Diameter 6 Slot size 15 Set from 165 feet to 180 feet
Diameter 6 Slot size 15 Set from 223 feet to 228 feet
Diameter 6 Slot size 15 Set from 249 feet to 253 feet
Diameter 6 Slot size 15 Set from 286 feet to 289 feet
Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal? ☒ Yes ☐ No To what depth 40 feet
Material used in seal ☐ Cement grout ☒ Pudding clay

6. LOCATION OF WELL
Sketch map location must agree with written location.

County Ada
NE 1/4 NW 1/4 Sec. 10 T. 3 N. R. 2 E

10.
Work started May 14-73 Finished June 22-73

11. DRILLER'S CERTIFICATION
This well was drilled under my supervision and this report is true to the best of my knowledge.
Engelman Well Drills 47
Driller's or Firm's Name Number
1309 Rand - Boise
Engelman June 28-73
Signed By Date

Ident. No. 63-12342

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

1. Name of Applicant Parklane Company Phone 345-3221
Mailing address 1817 West Franklin Ave. Boise, Idaho 83702
2. Source of water supply Ground Water which is a tributary of N/A
3. Location of point of diversion is Township 3N Range 2E Sec. 10, in the NW 1/4, NW 1/4, NE 1/4, Govt. Lot 43, B.M., Ada County;
additional points of diversion if any: N/A N/A

4. Water will be used for the following purposes:

Amount 0.26 cfs for Cooling purposes from 3-15 to 11-15 (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) 0.26 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 Ground Water Well

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 65 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 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. Closed loop heat pump cooling AUG 21 1996

Original

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 of use below. See instructions for standard symbols.

modified per map interpretation

TWP	RGE	SEC	N E				N W				S W				S E				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	2E	10	EE	L															

Total number of acres to be irrigated 0

10. Describe any other water rights used for the same purposes as described above. None

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

b. Who owns the land to be irrigated or place of use? NA " " - per 6/13/96 cover letter from

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: consultant - 82

6/19/96

12. Remarks: Water used will be injected into the same aquifer from
which it is withdrawn

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.)

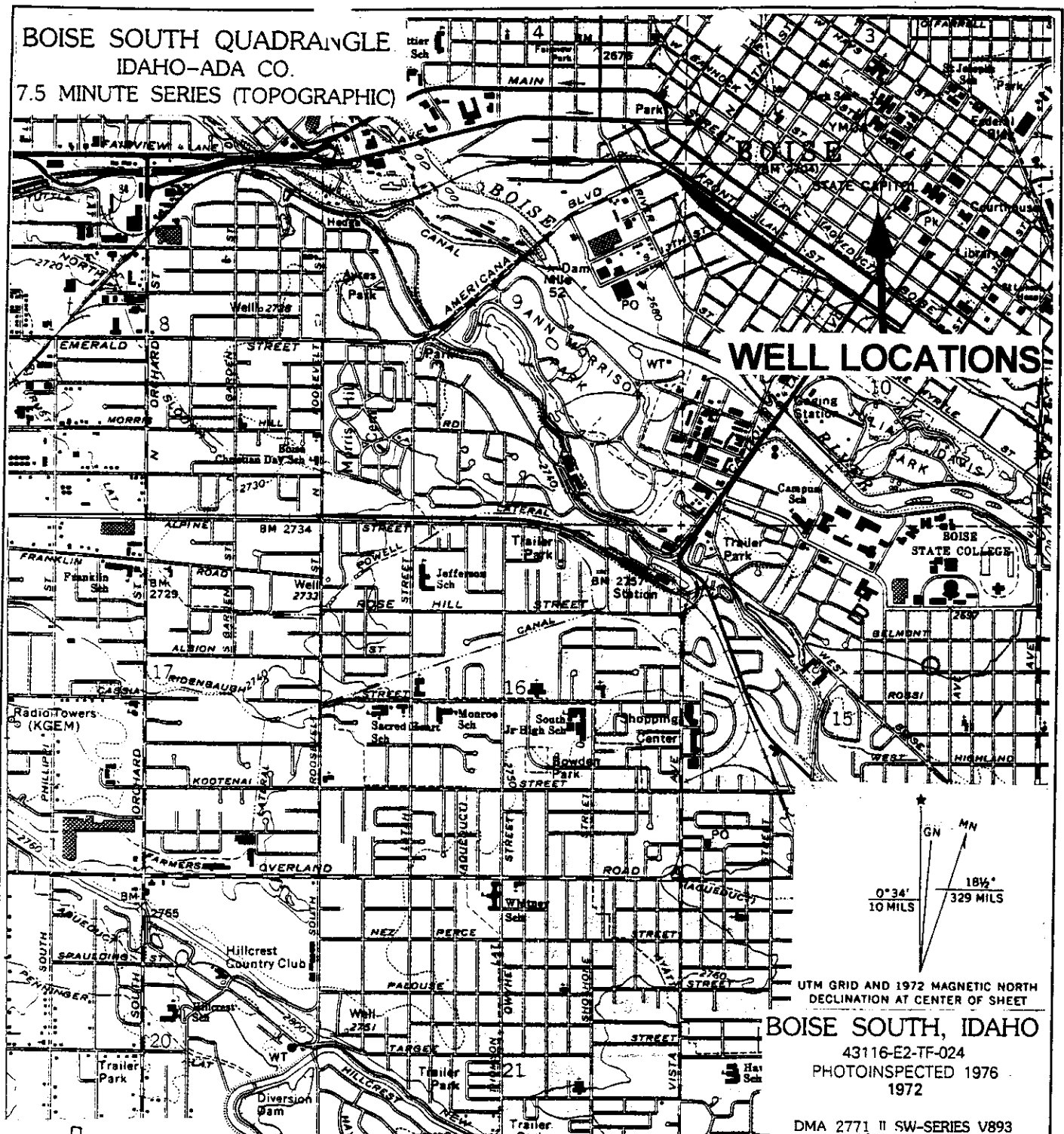
BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

AUG 21 1996

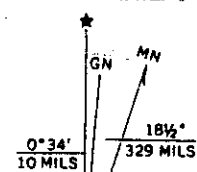
[Signature]
Signature of Applicant (and title, if applicable)

Received by 82 Date 6/19/96 Time 4:00 Preliminary check by cje
Fee \$ 100 Receipted by 82 # W021053 Date 6/19/96
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

BOISE SOUTH QUADRANGLE
IDAHO-ADA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



WELL LOCATIONS



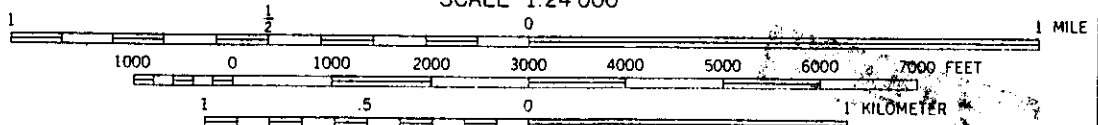
UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

BOISE SOUTH, IDAHO

43116-E2-TF-024
PHOTOINSPECTED 1976
1972

DMA 2771 II SW-SERIES V893

SCALE 1:24 000



QUADRANGLE LOCATION

Map photoinspected 1976
no major culture or drainage changes observed

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

AUG 21 1996



WELL LOCATION MAP
UNION BLOCK BUILDING
COMMUNITY CONTRACTING/PARKLANE COMPANY
Boise, Idaho

c:\mab\6296.co\figure1.cvs

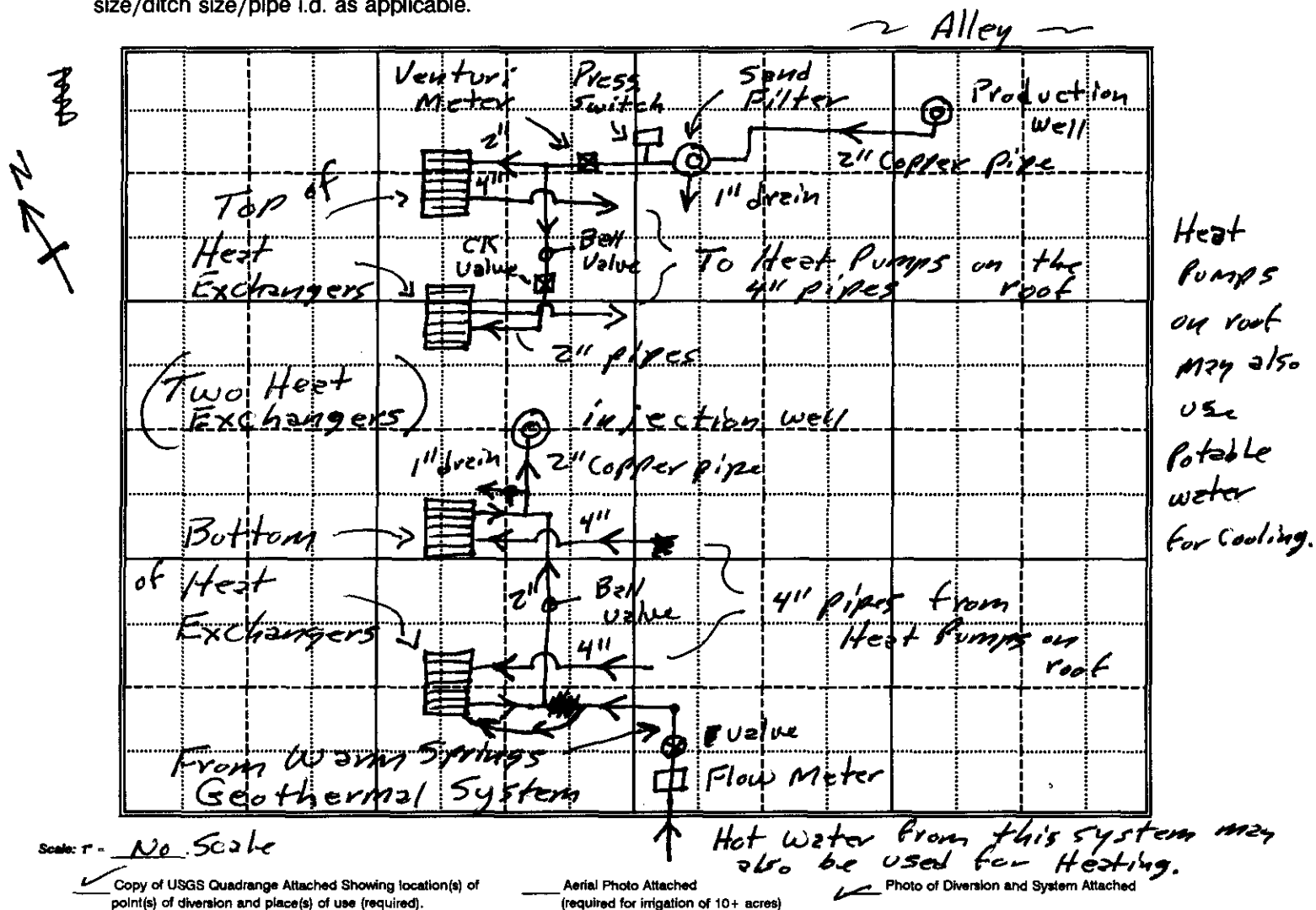
13-Jun-96

Figure

1

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.D. as applicable.



4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		10		Caron Pump Co.	

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: None - There is a Venturi Meter installation on the 2" line from the well, but the probes and electrical system has not be installed - No flow measurement possible.

E. NARRATIVE/REMARKS/COMMENTS

1. The water for this permit is used both for heating and cooling of the Union Block BLDG. Water is pumped from the production well through two Heat Exchangers, and injected at another well.

2. The water in this permit does not mix with any other water - it is a closed system.

Hot water from the Warm Springs Geothermal system can also be circulated through the same Heat Exchangers, to add additional heat when needed.

3. The building has another closed water system which circulates water through the same heat exchangers and then through heat pumps located on the roof. Potable water can also be circulated through these heat pumps for cooling.

4. The heat exchangers transfer energy from the well water to the separate water system that circulates through the heat pumps.

5. The well water is mainly used for cooling.

6. A pressure switch operates the system at 50-70 PSI. The Venturi meter installation still needs the probes and electrical to be operational.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: *None, theoretical:*

$$\text{Max. Div. } Q = \frac{(8.8)(10 \text{ HP})(70\%)}{15' + (50 \text{ PSI}) \left(\frac{34'}{14.7 \text{ PSI}} \right)} = \underline{0.47 \text{ cfs}} > \underline{0.26 \text{ cfs}} \text{ on permit}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Heating / Cooling: This is a closed system which injects pumped water back into the same zone.

Non-~~consumptive~~ consumptive use.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Heating / Cooling</i>	<i>03/15</i>	<i>11/15</i>	<i>0.26</i>	
Totals:			<i>0.26</i>	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ Other

Add Heating

I. AUTHENTICATION

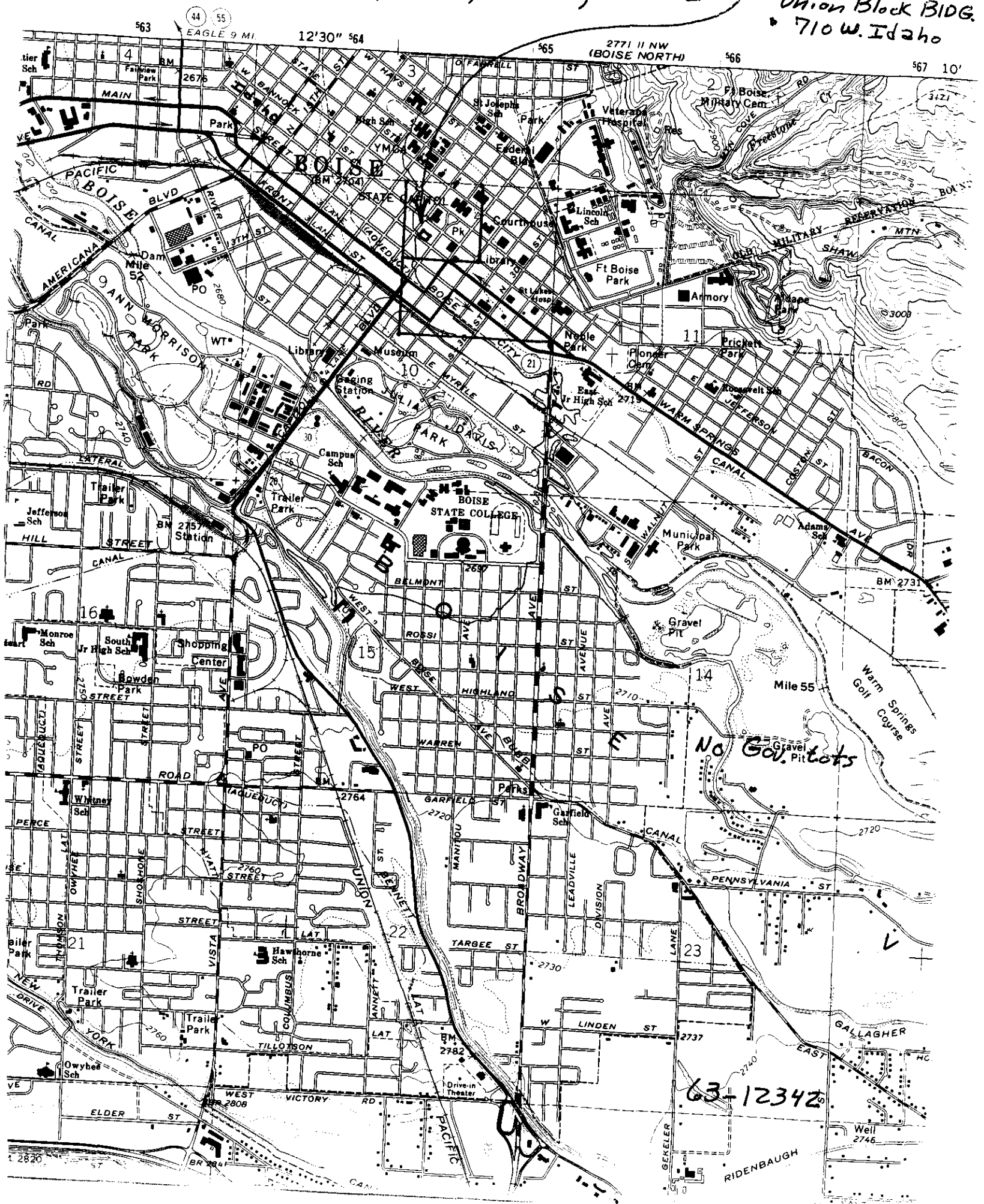
Field Examiner's Name *Dan Zmich* Date *12-5-97*

Reviewer _____ Date _____

The water is mainly used for cooling as shown on the permit, but some heat is also extracted by the heat exchangers when the building system is in the heating mode.

SEAL

— P/O, P/u
Union Block Bldg.
• 710 W. Idaho



IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

Production Well

1. DRILLING PERMIT NO: 63-96-C-0396-0000 OTHER APPLICABLE NO: 63-12342
2. OWNER: Parklane Co. Phone: (208) 345-3221
Address: 817 W. Franklin, Boise, ID 83702
3. WELL LOCATION: Twp 3N, Rge. 2E, Sec. 10, NW 1/4 NE 1/4
County Ada (Provide sketch map and photo on reverse.)
4. DRILLER: Phipps Drilling Lic. No. 311
When Drilled? 7-21-96 to 7-31-96
5. WELL CONSTRUCTION:
Casing Diameter 6 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 79 ft. Method Drilled Cable Tool
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☒ Yes ☐ No Pressure Gauge: ☒ Yes ☐ No
Condition of Piping and Valving Excellent
Auger to a depth of _____ ft. Evidence of Annular Seal ☒ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION:
Depth to Static Water 30^{15'} ft. Water Temperature 67 °F
Flowing Artesian ☐ Yes ☒ No Pressure: _____ (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
☐ Domestic ☐ Irrigation ☐ Stock
☐ Test ☐ Municipal ☒ Industrial Heating & Cooling
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☒ Other: Heating + Cooling

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

9. REMARKS:

This well is a production well for
Heating & Cooling at the Union Block Bldg. at
710 W. Idaho Street. It is operated in
conjunction with the injection well ~~well~~ under
Drilling Permit 63-96-C-0397-000.

Jan Tomich, Water Rights Examiner
Signature of Dept. Representative & Title

11-19-97
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

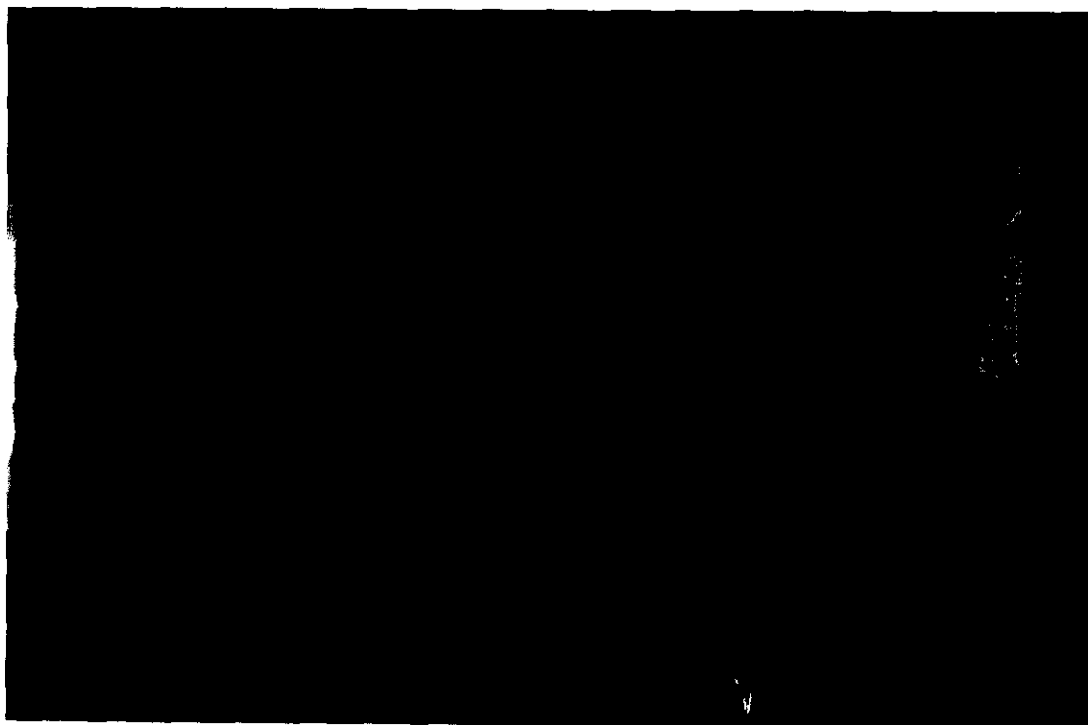
9. REMARKS:

This is an injection well used in conjunction with the production well under drilling permit 63-96-C-0396-0000. It injects the spent water after heating or cooling the Union Block BLDG at 710 W. Idaho St. When cooling, the water is injected at a temperature higher than the groundwater.

Jan Tomich, Water Rights Examiner
Signature of Dept. Representative & Title

11-19-97
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

Injection Well

1. DRILLING PERMIT NO: 63-96-C-0397-000 OTHER APPLICABLE NO: 63-12342
2. OWNER: Parklane Co. Phone: (208) 345-3221
Address: 817 W. Franklin, Boise, ID 83702
3. WELL LOCATION: Twp 3N, Rge. 2E, Sec. 10, NW 1/4 NE 1/4
County Ada (Provide sketch map and photo on reverse.)
4. DRILLER: Phipps Drilling Lic. No. 311
When Drilled? 8-1-96 to 8-7-96
5. WELL CONSTRUCTION:
Casing Diameter 6" + 3" inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 63 ft. Method Drilled Cable Tool
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☒ Yes ☐ No Pressure Gauge: ☒ Yes ☐ No
Condition of Piping and Valving Good
Auger to a depth of _____ ft. Evidence of Annular Seal ☒ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION:
Depth to Static Water 30 ft. Water Temperature Various of Groundwater @ 670 ft
Flowing Artesian ☐ Yes ☒ No Pressure: _____ (psi) injected water may be higher after cooling BIDG.
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
☐ Domestic ☐ Irrigation ☐ Stock
☐ Test ☐ Municipal ☒ Industrial Heating & Cooling
☐ Abandoned ☒ Waste Disposal/Injection ☐ Not Used
☒ Other: Heating & Cooling



P/D

Production
Well
Located
on North
Side of
Union
Block
BIDG
by Alley.



Injection
Well
located
on North
Side of
Union
Block
BIDG
about
50'
west of
Production
Well

2 of 2

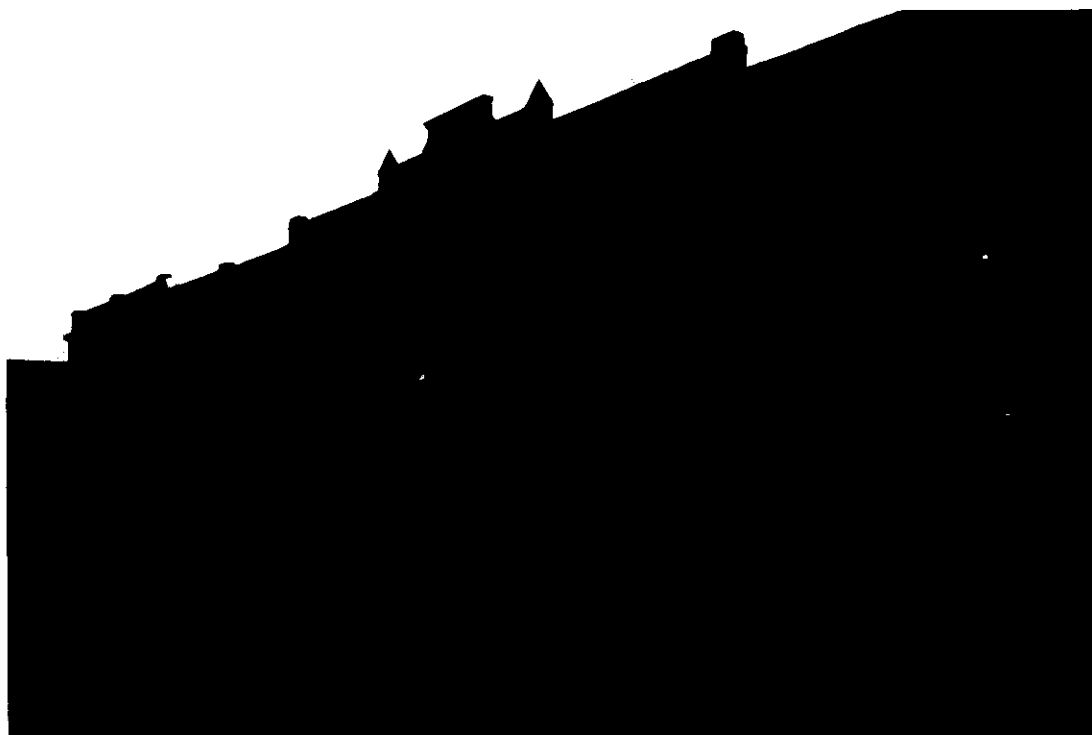
P/u

Union
Block
BLDG.

710 W.
Idaho
St.

View

Looking
Northwest



P/u

one of
two
Heat
Exchangers
and
Control
Valves,
Piping, etc.
Located in
basement
on North
side.



63-12342

**ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE**

Permit No. 63-12342 Reviewed by Aug Date 9-2-97

GENERAL CONSIDERATIONS

yes Name same as permit?
yes Address same as permit?
yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

Heat/Cool

Correct Uses? yes

SOURCE OF WATER

 Surface water source

☒ Ground water source

yes Drilling permit required?

no Copy in the file?

70- Amount paid for permit

no Well log in the file?

Drilling Permit No. 63-96-C-0396-000

yes Correct?

LICENSE EXAMINATION FEE

yes Required?

100- Amount Submitted

yes Correct?

MEASURING DEVICE

no Required?

yes Installed?

 Waiver requested?

PRIORITY CALCULATION

Date proof received

Date proof due

No. of days late

Priority Date

New Priority Date

_____	-	_____
_____	=	_____
_____	+	_____
_____		_____

DEFICIENCIES OR ACTION ITEMS

Proof acceptable

DATA ENTRY

New Address X

Proof Made 8-29-97



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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 2, 1997

PARKLANE CO
817 W FRANKLIN
BOISE ID 83702

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-12342

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.

Please 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 department's WESTERN Regional Office in Boise at (208) 334-2190.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary, Water Allocation Bureau

C: IDWR - W. Region

MICROFILMED

SEP 11 1997

June 30, 1997

PARKLANE CO
817 W FRANKLIN AVE
BOISE ID 83702

PROOF DUE NOTICE

RE: PERMIT NO. 63-12342

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 September 1, 1997. (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.

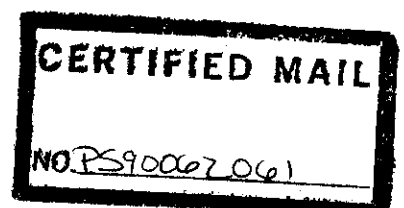
SINCERELY,

JULIE L. YARBROUGH
Senior Secretary

Enclosures

MICROFILMED

SEP 11 1997



Address corrected 8/26/96

817 W. Franklin

MICROFILMED

SEP 11 1997

Patt

received a phone call saying we had it wrong.



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

August 16, 1996

PARKLANE CO
1817 W FRANKLIN AVE
BOISE ID 83702

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-12342

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. Please be sure to thoroughly review the "Conditions of Approval and Remarks" listing on the permit.

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 as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address to the department. If you have acquired a water right or have changed your mailing address PRIOR TO July 1, 1996, you have until July 30, 1998, to notify the department. If you acquire a water right or change your mailing address AFTER July 1, 1996, you must notify 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 to obtain the proper reporting form.

Sincerely,

A handwritten signature in cursive script that reads "Shelley W. Keen".

Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosures

AUG 21 1996

**APPLICATION FOR PERMIT
STATE OFFICE REVIEW**
by Cindy Zimmerman

No.: 63-12342 Name: Parklane Date: 8/15/96 Ad OK? ☒
Correct Fee? ☒ Receipt #: W024053 Priority: 6/19/96 ☒ Gvmt Lts: ☒

AREA OF CONCERN? - No/Yes BRD Mor GWMA Trust/Non-trust
- In 20/30/40/50/60/70/80 (87) basin? P84
PROTESTED: - 020(Protest Agr) or W19(See Final/Prelim Order)

SYSTEM COMPLETED:
Yes/proof filed - NA
1 year/no proof - P16
+1 year - 26A-P17

GROUNDWATER: <✓ FLO-CH>
+ 0.2 cfs - 01M
=/- 0.2 cfs - No MD
=/+ 5 a. - 01M, 065(if GW use SW 1st)

Drilling Permit:
Existing well - NA (pre 7/1/87)
Included w/permit - Permit No. , P99
No WD permit? - 046-46B-P23 (post 7/1/87)
irr. in WD - P05 (new well)

SURFACE WATER <✓ FLO-CH> (Surface water that doesn't sink is regulated):
Water District (~~dem~~) - 005 (req) WD # <SEE MAP & LISTING>
+ 0.2 cfs - 01J(meas dev)-P08
=/- 0.2 cfs - 01H(lock dev)-P01 or No MD
In-WD + 0.2 cfs - 01M or No MD (in-stream)
- 0.2 cfs - No MD
=/+ 5 a. irr. - 01M

RIVER BASINS (*Surface water):
Snake R (01) - 11A-P04, NA
(02/03-irr) - 007-P07 (w/remark WB9-† Weiser), NA
Boise R (63) - 05A (if WD), 11E (not 42-111 use), NA
Payette R (65) - 064(regulated uses), 047-P04(Payette Lake), NA

USE:
Domestic (surface) - *WB5(Boise R † Star Bridge); 27A(Payette R); NA
Fish Propagation - 07A-042(rq)-010/06A/09E(WQ)-P10; 044(N 1000 Spr)
Irr <POU> =/- 5 a - 057 (0.03 cfs/A)
+ 5 a - 03A (0.02 cfs/A)
Mining - 054 (req) & 06A/010/09E-P10
Power - 08A-17K-025-027-01M-01F(P19)-09E(P10);
+25 cfs-P18; 17G(FERC) or 17M(FERC); 18B-P09
Storage(✓ 3 compo.) - 18A(multi MD in WD), 18B-P09 (+10' dam), NA

LOCATION:
Boise Front LoGeo - 058 (-85° GW temp only)
In-stream dev. - P52 (stream channel alteration)
Irr Dist/Canal Co. - 023 (Twin Falls area)
Swan Falls Flag - <SEE CODE CHART>
Trust - 051-052-053-P74 (Consumptive Uses), NA
Non-Trust <1> - 048-049 (Consumptive Uses), NA

OWNERSHIP: Non-land owner - 004 (PD/PU)

OTHER CONDITIONS:

STANDARD REMARKS: Cooling use is for Union Block Bldg.

BENEFICIAL USE DUE: 9-1-1997

COMMENTS:

MEMORANDUM

TO: File 63-12342
FROM CINDY ZIMMERMAN
RE: GENERAL REVIEW OF COOLING USE REQUIREMENTS
DATE 08/15/96

RATE OF FLOW AND ANNUAL VOLUME FOR COOLING USE

GIVEN:

Source Temperature	59 degrees ^①
Area / 7 Story Mixed Uses	28000 sq. ft. ^①
Temperature Outside	86 degrees
Temperature Inside	71 degrees
Building Efficiency	0.67 ^①
Temperature Required	72 degrees
Days temperature above 70	90 days
Hours per day temp above 70	12 hours

CALCULATIONS:

Single Floor Cooling Load	(281,400) btu/hr
Two+ Floor Cooling Load	(225,120) btu/hr
Temp. Drop Across System	-3.9 degrees

FLOW RATE:

Single Floor Flow Rate	144 gpm 0.32 cfs
------------------------	---------------------

Two+ Floor Flow Rate	115 gpm 0.26 cfs
----------------------	---------------------

VOLUME:

Single Floor Annual Volume	28.7 af
Two+ Floor Annual Volume	23.0 af

EFFICIENCY RATING INFORMATION **

0.28 Best energy efficiency rating
0.44 Good energy efficiency rating
0.67 Average energy efficiency rating
1.11 Poor energy efficiency rating

** Source - Administrator's Memorandum dated 9/28/92.

① per Jim Campbell, Union Block Bldg. construction manager 381-0483.

AUG 21 1996

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: cjl DATE: 6/24/96 APPLICATION: 63.12342

REQUIRED INFORMATION

Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.) *see D.B. comments*

Address:

Source: (See USGS Quad for names of water sources)

Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)

County:

Quantity: (flow and/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: (show T, R, S, QQ &/or QQQ)

Subdivision plat: (for > 1 home in restricted area. $\geq$ 5 homes in non-restricted area)

Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)

Fee:

Yes ☐ No ☐ In form to receipt:

Gov't. Lots: *4 in home P/D*
Plat in security P/U

* Advertise with *
remarks

ADDITIONAL INFORMATION

YES NO

☒ ☐ Overlapping place of use: (Describe source & relationship to present application on next page.)

☒ ☐ Overlapping point of diversion.

☐ ☐ Field check required: Field check by: _____

☐ ☐ Field report attached:

☒ ☐ Critical groundwater area:

☒ ☐ Groundwater management area:

☐ ☐ 1992 moratorium: *mitigated proposal*

☐ ☐ Copy to SCA staff: (perennial stream, non-pump diversion &/or any mining).

☐ ☐ Copy to Dam Safety staff: (for any storage)

☐ ☐ Mitigation plan: where ground water replaces surface water for irrigation, request additional information &/or mitigation plan to address reduced aquifer recharge

☐ ☐ Send power requirement letter:

☐ ☐ Send fish farm requirement letter:

☐ ☐ Power residency affidavit:

☐ ☐ Power efficiency form:

☐ ☐ Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)

☐ ☐ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

RECEIVED
AUG 8 1996

Department of Water Resources

DATE REQUESTED

ADDITIONAL INFORMATION ON REVERSE SIDE:

PROCESSING

APP. NO. 163-12342

YES NO

In form for advertising:

Statewide advertising: (> 10 cfs &/or 1000 af)

Fee amount, receipt number and date recorded on application:

SEND COPIES TO:

YES NO

YES NO

I.D. Health & Welfare

I.D. District Health

I.D. Fish & Game

I.D. Lands

Adjudication Bureau

U.S. BLM

U.S. Forest Service

Water Dist. # _____

Other _____

FINAL REGIONAL PROCESSING REVIEW:

YES NO

Affidavit of publication received:

Application published correctly: If not, record action taken.

Publication dates and paper recorded on application:

Protests received. Final date for protest 7-22-96

Protest dates, resolution of protest recorded on application:

Recommendations attached:

Measuring device required: > .20 cfs

Measuring port required:

Water delivered by water master? District # _____

Special conditions of approval or cover letter:

001- 46-27 - subject to conditions of inj. well permit 63-W-137 which must be issued prior to use of water right - "Return flow" must be to same water bearing zone as divert from (≤ 65 ft.).

See below for additional information

Recommended Date or Priority 6-19-1996Recommended by: PLDate: 8/6/96STATE OFFICE REVIEW

See below for additional information. By _____ Date _____

ADDITIONAL INFORMATION:

Numerous overlaps - see attached pages. All other wells and other uses.

RECEIVED

JUL 18 1996

WATER RESOURCES
WESTERN REGIONThe Idaho
Statesman

P.O. BOX 40, BOISE, IDAHO 83707

LEGAL ADVERTISING INVOICE

Amount Due

\$66.00

Account Number 047628		Identification NOTICE OF APPLICATION FOR WATER RIGHT 63-12342 (Parklane Co)	
Ordered By Sue Taylor	P.O. Number	Rate NT	Run Dates July 4 & 11, 1996
Sue Taylor IDAHO DEPARTMENT OF WATER RESOURCES Western Region 2735 Airport Way Boise, Idaho 83705-5082		Estimated Inches	Real Inches
		# Affidavits 1	Legal Number 5370

LEGAL NOTICE

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-12342 ✓

CO
ANKLIN AVE
83702
GROUNDWATER
1: NWNWNE Sec 10 T03N R02E in ADA County.
LING (260 CFS)
Total Diversion: (260 CFS)

6/19/1996

County
R02E S10 NWNE

water bearing zone to be appropriated is from 0 to 65 feet. All flows to be to same zone.

will be subject to all prior water rights. Protests may be submitted based on the Sec. 42-203A, Idaho Code. Any protest against the approval of this application ed with the Director, Dept. of Water Resources, Western Region, 2735 Airport , Idaho 83705 together with a protest fee of \$25.00 on or before JULY 22, 1996. The must also send a copy of the protest to the applicant.

KARL J. DREHER, Director
5370

4 & 11, 1996

LINDA PORTER

, being duly

sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for TWO

☒ consecutive weekly ☐ consecutive daily ☐ single ☐ odd skip

insertion(s) beginning with the issue of JULY 4, 1996

and ending with the issue of JULY 11, 1996

Linda Porter

STATE OF IDAHO)

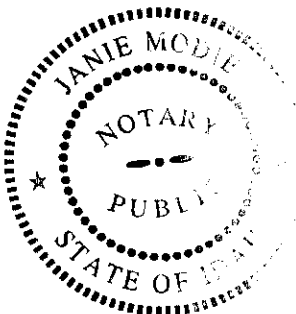
ss.

COUNTY OF ADA)

On this 11th day of JULY in the year of 1996, before me, a Notary Public, personally appeared LINDA PORTER, known or identified to me to be the person whose name 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.

Notary Public for Idaho
Residing at Boise, Idaho

My commission expires: 5/97





ENVIRONMENTAL, INC.

June 13, 1996

RECEIVED

JUN 19 1996

WATER RESOURCES
WESTERN REGION

Mr. Steve Lester
Idaho Department of Water Resources
Western Regional Office
2735 Airport Way
Boise, Idaho 83705

Re: **Water Right Permit Application**
Community Contracting
Parklane Company
Union Block Building
Boise, Idaho
Olympus Work Order # 6297

HAND DELIVERED
-JL

Dear Mr. Lester:

Olympus Environmental Inc. (Olympus), on behalf of Parklane Company, submits the attached Water Right permit application for the Union Block Building. The Union Block Building is located in Ada County at 710-720 West Idaho Street in Boise, Idaho. Parklane Company desires to obtain a non-consumptive Water Right for the operation of closed loop cooling system at the Union Block Building. Parklane proposes to withdraw water from the shallow suficial aquifer at the site through a pumping well. All pumped water will be returned to the aquifer through an injection well. The wells will be installed on property owned by Parklane Company.

The cooling water source is from a proposed pumping well located at the Union Block Building. The proposed well is 60 feet deep and eight inches in diameter. Parklane desires to pump the well at a rate of 115 gallon per minute during the period March 15 through November 15 annually. Attachment A includes the cooling system specifications prepared by Parklane Company's engineer. All cooling water will be injected into the same water bearing zone of the aquifer (from which it was removed) through a 45 foot deep eight inch diameter injection well. Examination of drilling logs (Attachment B) for wells adjacent to the Union Block Building indicate that the withdrawal and injection zones are in the same water bearing portion of the aquifer. Figure 1 of the permit application shows the proposed pumping and injection well locations.

Parklane Company has also filed with the Idaho Department of Water Resources (IDWR) for Well Drilling permits and an Injection Well permit for the operation of the cooling/injection well system.

c:\mab\6297.cc\idwr613r.doc

Environmental & Hazardous Waste Services

Auburn, WA Billings, MT Boise, ID Helena, MT Kennewick, WA Portland, OR Spokane, WA

5409 Kendall Street • Boise, Idaho 83706 • (208) 376-5006

Idaho Department of Water Resources
June 13, 1996
Page 2

Please feel free to contact me at (208) 376-5006 should you have any questions or comments.

Sincerely,



Michael Backe, P.G.
Senior Hydrogeologist

Enclosure

cc: Mr. Doug Davidson, IDWR
Ms. Helen Harrington-Thornton
Mr. James Campbell, Community Contracting
File





June 13, 1996

Ms. Helen Harrington-Thornton
Idaho Department of Water Resources
Statehouse Mail
1301 N. Orchard Street
Boise, Idaho 83720

Re: **Injection Well Permit Application**
Community Contracting
Parklane Company
Union Block Building
Boise, Idaho
Olympus Work Order # 6297

Dear Helen:

Olympus Environmental Inc. (Olympus), on behalf of Parklane Company, submits the attached Injection Well permit application for the Union Block Building. The Union Block Building is located in Ada County at 710-720 West Idaho Street in Boise, Idaho. Parklane Company desires to inject water from a closed loop cooling system. The well will be installed on property owned by Parklane Company.

The source of the cooling water (to be injected) is from a proposed pumping well located at the Union Block Building. All cooling water pumped from the aquifer will be injected into the same water bearing zone of the affected aquifer. Examination of drilling logs for wells adjacent to the Union Block Building indicate that the withdrawal and injection zones are in the same water bearing portion of the aquifer. Figure 1 of the permit application shows the proposed pumping and injection well locations.

Parklane Company will construct the well in accordance with guidelines established in the Idaho Department of Water Resources *Well Construction Standards* (January 1989). The Cooling/Injection Well Construction Logs (attached with the permit application) show the proposed well specifications. The completed Injection Well permit application and the \$50 application fee are enclosed.

Parklane Company has also filed with the Idaho Department of Water Resources (IDWR) for Well Drilling permits and a non-consumptive Water Right for the operation of the cooling/injection well system.

c:\mab\6297.cc\idwr613l.doc

Environmental & Hazardous Waste Services

Auburn, WA Billings, MT Boise, ID Helena, MT Kennewick, WA Portland, OR Spokane, WA

5409 Kendall Street • Boise, Idaho 83706 • (208) 376-5006

Idaho Department of Water Resources
June 13, 1996
Page 2

Please feel free to contact me at (208) 376-5006 should you have any questions or comments.

Sincerely,



Michael Backe, P.G.
Senior Hydrogeologist

Enclosure

cc: Mr. Doug Davidson, IDWR
Mr. Steve Lester, IDWR-Western Region
Mr. James Campbell, Community Contracting
File





fee = \$50 -

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT TO
CONSTRUCT ☒
MAINTAIN ☐
AN INJECTION WELL

Under the Provisions of Title 42, Chapter 39 of the Idaho

I. GENERAL INFORMATION

A. Name and Address of Legal Contact (x) Owner () Operator

Name Parklane Company

Address 1817 W. Franklin Ave.

City Boise State Idaho Zip Code 83702

Phone No. (208)345-3221

Facility Name and Location (if different than above)

Name Union Block Building

Address 710-720 West Idaho Street

City Boise State Idaho Zip Code 83702

B. Location of Well (attach map see item II L)

Township 3N Range 2E Section 10, NW 1/4 NW 1/4 NE 1/4 Lot _____

Subdivision Name _____ Block 43 Lot _____

County Ada

C. Is facility located on Indian Lands? Yes () No (x)

D. Injection Well Classification

1. Depth of well: _____ Less than or equal to 18 feet below land surface

_____X_____ Greater than 18 feet below land surface

2. Classification: 5A7 (see list below)

5A5 Electric Power Generation
5A6 Geothermal Heat
5A7 Closed-Loop Heat Pump Return
5A8 Aquaculture Return Flow
5A19 Cooling Water Return
5B22 Saline Water Intrusion Barrier
5D2 Storm Runoff
5D3 Improved Sinkholes
5D4 Industrial Storm Runoff
5F1 Agricultural Runoff Waste
5G30 Special Drainage Water
5N24 Low-level Radioactive Waste Disposal
5R21 Aquifer Recharge
5S23 Subsidence Control
5W9 Untreated Sewage

5W10 Cesspools
5W11 Septic Systems (General)
5W12 Water Treatment Plant Effluent
5W20 Industrial Process Water
5W31 Septic Systems (Well Disposal)
5W32 Septic Systems (Drainfield)
5X13 Mine Tailings Backfill
5X14 Solution Mining
5X15 In-Situ Fossil Fuel Recovery
5X16 Spent Brine Return Flow
5X25 Experimental Technology
5X26 Aquifer Remediation
5X27 Other Wells
5X28 Service Station Waste
5X29 Abandoned Drinking Water Wells

II. TECHNICAL DATA

- A. Description of injection well, if bored, drilled or driven
If well has not been constructed:

Well Bore: Diameter 8 inches Depth 50 feet

- B. Description of injection well, if bored, drilled or driven
If well is constructed:

Well Bore: Diameter N/A inches Depth N/A feet

Surface Casing: diameter N/A inches Depth N/A feet

Perforation depth: from N/A feet to N/A feet

Surface seal: () No () Yes, Type N/A Depth N/A feet

Secondary casing, if applicable:

Diameter N/A inches

Initial depth N/A feet Terminal depth N/A

Seal type N/A Packer depth N/A

Well Log available () No () Yes (if yes, attach a copy)

Driller's Name/Address N/A

Month, Day, Year, Drilled _____

- C. Description of injection well, if dug

Surface dimensions N/A feet, by N/A feet, or Diameter N/A inches

Depth N/A feet Filler material, if any N/A

Date constructed: N/A

Name/address of contractor N/A

- D. Distance to nearest domestic well None expected within city limits miles

Direction to nearest domestic well N/A

Depth to ground water Approximately 15 feet

- E. Frequency of Injection _____ Continuous X Seasonal _____ Intermittent

Maximum Average Weekly Rate of Injection 115 (3-15/11-15) gpm

Maximum Capacity 115 gpm

- F. Are hazardous wastes, as defined in 40 CFR, Part 261, present in the injected fluids? (excluding 5F1) Yes X No
If yes, attach RCRA numbers for constituents identified as hazardous (see 40 CFR, Part 261 of the Federal Register):

- G. If well is ss 5F1, (Agricultural Runoff Waste) or s 5D, (Surface runoff):
Method of irrigation for (for class 5F1): gravity sprinkler
Use of lands in drainage area:

N/A

Pesticides/fertilizers/chemicals used (type and quantity) N/A

Approximate Drainage area: N/A acres

Settling pond at injection site? () No () Yes, size N/A

Screening structure at well? () No () Yes, Size and mesh N/A

- H. If well is class 5W20, (Industrial Process Waste) or other industrial waste:

Type of Waste N/A

Describe Treatment prior to injection: N/A

(Attach statement describing the complete physical, chemical and microbiological quality of the fluids.)

- I. Description of the type of business and the principal products

Commercial Real Estate

- J. Alternate methods of disposal that have been considered

Discharge to Boise City storm sewer and to Boise
Irrigation district canal.

- K. Why were they rejected? -Storm sewer rejected- City code

Irrigation Canal unaccessable due to distance.

L. Attach a topographic map or aerial photo showing area within a one mile radius, to include:

- a. Location of injection well described herein and associated facilities (drain ditches, settling pond, etc.),
- b. Other injection wells and associated facilities,
- c. Approximate drainage area (if applicable),
- d. Intake and discharge or injection structures (if applicable),
- e. Hazardous waste facilities,
- f. All drinking water wells,
- g. All other wells, springs and surface waters.

III. A. Any request to treat any document or portion thereof as a trade secret as defined under Chapter 8, Title 48, Idaho Code shall be made at the time said document is submitted to the Department. The person making the request shall stamp or otherwise mark each page or item on a page, to which the request applies, with the word "confidential."

Be it known that the undersigned (owner/operator) hereby makes Application for Permit to Construct or Maintain a Waste Disposal and Injection Well. The above information is true and correct to the best of my knowledge.

Date


Signature and Title

B. Action of the Department of Water Resources

I have examined Application No. _____ and said application is
hereby _____ subject to the attached conditions.

Witness my hand this _____ day of _____ 19_____

Official, Idaho Department of Water Resources

Title

For Department Use Only

Received by _____ Date _____ Reviewed by _____

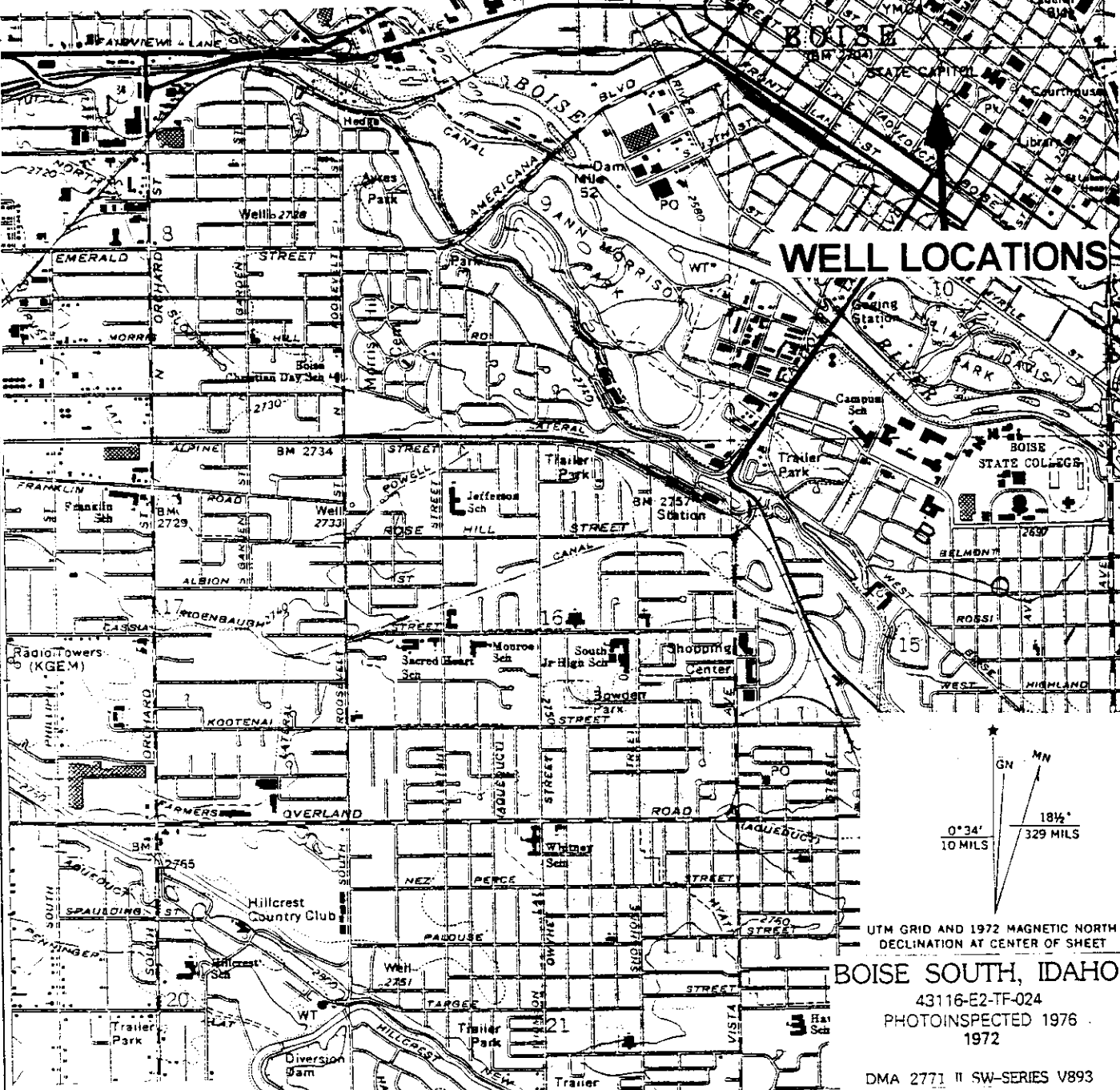
Fees _____ Received by _____ Receipt No. _____

Forwarded to S. O. _____

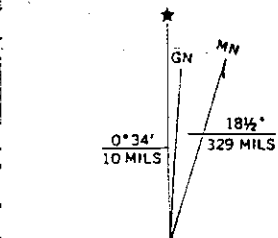
Notice of completion received _____

Field Inspection _____

BOISE SOUTH QUADRANGLE
IDAHO-ADA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



WELL LOCATIONS



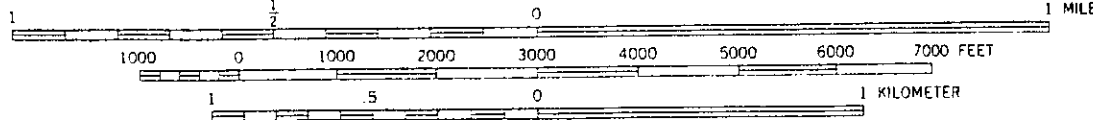
UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

BOISE SOUTH, IDAHO

43116-E2-TF-024
PHOTOINSPECTED 1976
1972

DMA 2771 II SW-SERIES V893

SCALE 1:24 000



QUADRANGLE LOCATION

Map photoinspected 1976
no major culture or drainage changes observed

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



WELL LOCATION MAP
UNION BLOCK BUILDING
COMMUNITY CONTRACTING/PARKLANE COMPANY
Boise, Idaho

c:\mab\6296.cc\figure1.csv

13-Jun-96

Figure

1



June 13, 1996

Mr. Doug Davidson
Idaho Department of Water Resources
Statehouse Mail
1301 N. Orchard Street
Boise, Idaho 83720

Re: **Well Permit Applications**
Community Contracting
Parklane Company
Union Block Building
Boise, Idaho
Olympus Work Order # 6297

Production - 83-96-6-0396-000
Injection - 0397

Dear Doug:

Olympus Environmental Inc. (Olympus), on behalf of Parklane Company, submits the attached Drilling Permit applications to drill and complete two ground water wells at the Union Block Building. The Union Block Building is located in Ada County at 710-720 West Idaho Street in Boise, Idaho. Parklane Company desires to use the wells as part of a closed loop cooling system. The wells will be used to pump water to the building cooling system and return such water to the aquifer through an injection well. Figure 1 of the permit application shows the proposed well locations. The wells will be installed on property owned by Parklane Company.

Parklane Company will construct the wells in accordance with guidelines established in the Idaho Department of Water Resources *Well Construction Standards* (January 1989). The Cooling/Injection Well Construction Logs (attached with the permit application) show the proposed well specifications. The completed Drilling Permit application and the \$70 application fee are enclosed.

Parklane Company has also filed with the Idaho Department of Water Resources (IDWR) for an Injection Well permit and a non-consumptive Water Right for the operation of the cooling/injection well system. All cooling water pumped from the aquifer will be injected into the same water bearing zone of the affected aquifer.

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Environmental & Hazardous Waste Services

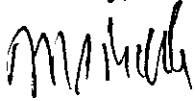
Auburn, WA Billings, MT Boise, ID Helena, MT Kennewick, WA Portland, OR Spokane, WA

5409 Kendall Street • Boise, Idaho 83706 • (208) 376-5006

Idaho Department of Water Resources
June 13, 1996
Page 2

Please feel free to contact me at (208) 376-5006 should you have any questions or comments.

Sincerely,



Michael Backe, P.G.
Senior Hydrogeologist

Enclosure

cc: Ms. Helen Harrington-Thornton, IDWR
Mr. Steve Lester, IDWR-Western Region
Mr. James Campbell, Community Contracting
File



Drilling Permit No. _____
Water Right Permit No. _____
Injection Permit No. _____

State of Idaho
Department of Water Resources

APPLICATION FOR DRILLING PERMIT

1. Applicant (please print) Parklane Company

2. Mailing Address 1817 West Franklin Ave.

City & State Boise, Idaho Zip Code 83702 Telephone (208) 345-3221

☒ Well Owner () Well Operator () Other, specify _____

3. Proposed well location NW 1/4 NE 1/4, or Gov't Lot No. _____

Sec. 10, Twp. 3N, Rge. 2E, County Ada

Street Address of Well Site 710-720 West Idaho Boise, Idaho 83702

Lot, block and subdivision 43

4. Proposed use of well:

- () Domestic: The use of water for homes, organization camps, public campgrounds, livestock and for any other purpose in connection therewith, including irrigation of up to 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: Any beneficial use not included within the definition of domestic.

- ☒ Injection

- () Monitoring - A well bore schematic and map is required for each well.

No. of proposed wells: _____

- () Other _____
(Describe)

5. Well construction information:

A. ☒ New well () Deepen () Enlarge () Replace - See Condition 9

B. Proposed Surface Diameter 8" Proposed Maximum Depth 50'

C. Anticipated bottom hole temperature:

- ☒ 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212° or more (Geothermal well)

6. Construction Start Date July 1996

7. Anticipated Well Driller Coones Well Drilling

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

8. Applicant's signature [Signature] Date 6/15/96

Title _____
(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is _____ Date _____

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

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above 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.
3. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum distance of 50 feet and 100 feet respectively from a septic tank.
4. 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.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

Signature of Authorized Department Representative _____ Title _____

Receipt No. _____ Received by _____ Fee _____ Date _____

EXTENSION OF DRILLING PERMIT

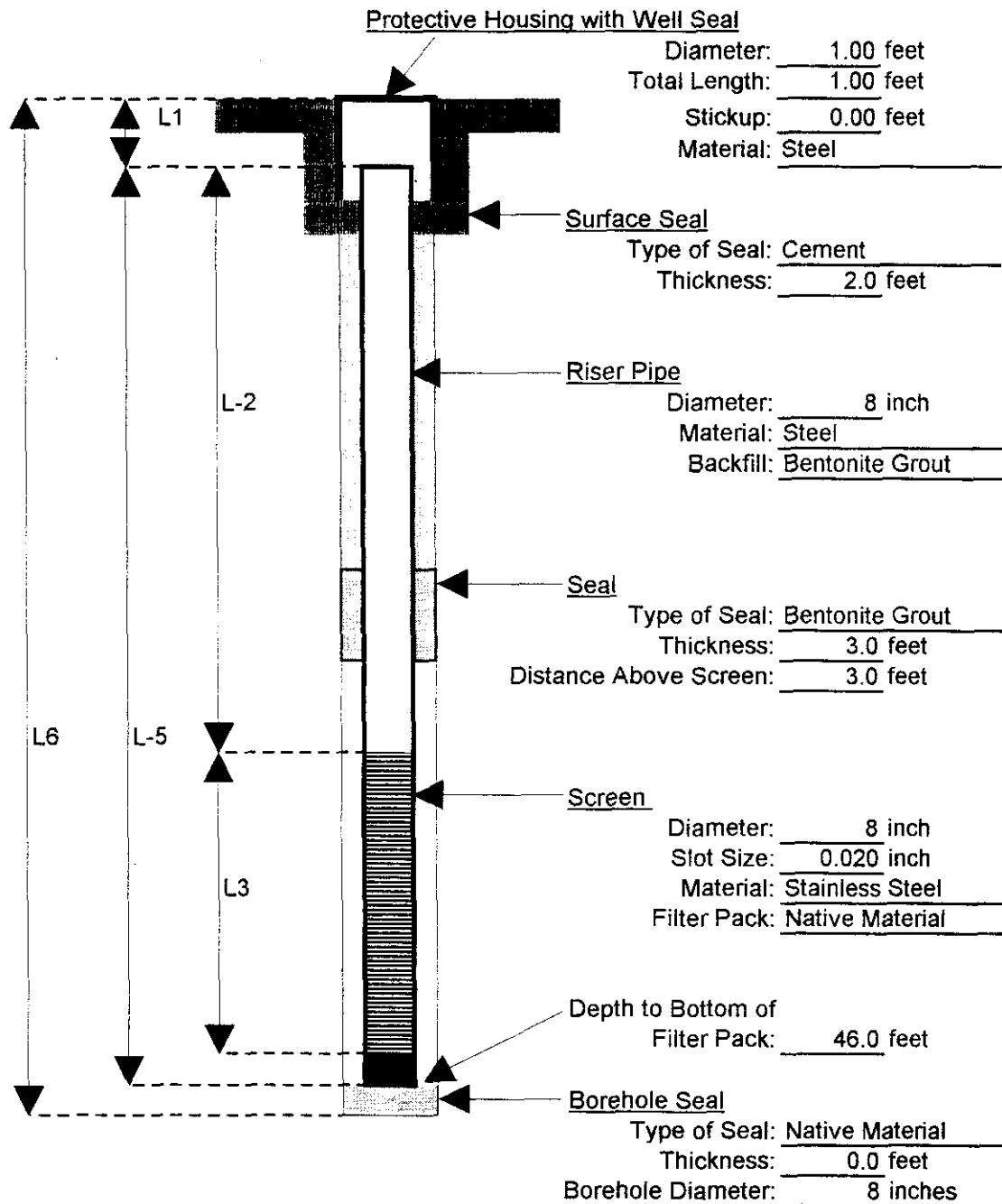
Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date.

LYMPUS ENVIRONMENTAL, INC.
PROPOSED INJECTION WELL CONSTRUCTION LOG
Union Block Building
Parklane Company, Inc.
Boise, Idaho

Injection Well ID: IW-1

Completion Date: NA



Drilling Permit No. _____
Water Right F it No. _____
Injection Permit No. _____

State of Idaho
Department of Water Resources

APPLICATION FOR DRILLING PERMIT

1. Applicant (please print) Parklane Company

2. Mailing Address 1817 West Franklin Ave.

City & State Boise, Idaho Zip Code 83702 Telephone (208)345-3221

☒ Well Owner ☐ Well Operator ☐ Other, specify _____

3. Proposed well location NW 1/4 NE 1/4, or Gov't Lot No. _____

Sec. 10, Twp. 3N, Rge. 2E, County Ada

Street Address of Well Site 710-720 West Idaho Boise, Idaho 83702

Lot, block and subdivision 43

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- ☐ Non-Domestic: Any beneficial use not included within the definition of domestic.

- ☐ Injection

- ☐ Monitoring - A well bore schematic and map is required for each well.

No. of proposed wells: _____

- ☒ Other Cooling (Describe) _____

5. Well construction information:

- A. ☒ New well ☐ Deepen ☐ Enlarge ☐ Replace - See Condition 9

B. Proposed Surface Diameter 8" Proposed Maximum Depth 65'

C. Anticipated bottom hole temperature:

- ☒ 85°F or less (Cold water well)
☐ 85°F to 212°F (Low temp. geothermal well)
☐ 212° or more (Geothermal well)

6. Construction Start Date July 1996

7. Anticipated Well Driller Coones Well Drilling

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

8. Applicant's signature [Signature] Date 2/15/96

Title _____
(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is _____ Date _____

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

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
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SPECIFIC CONDITIONS:

Signature of Authorized Department Representative _____ Title _____

Receipt No. _____ Received by _____ Fee _____ Date _____

EXTENSION OF DRILLING PERMIT

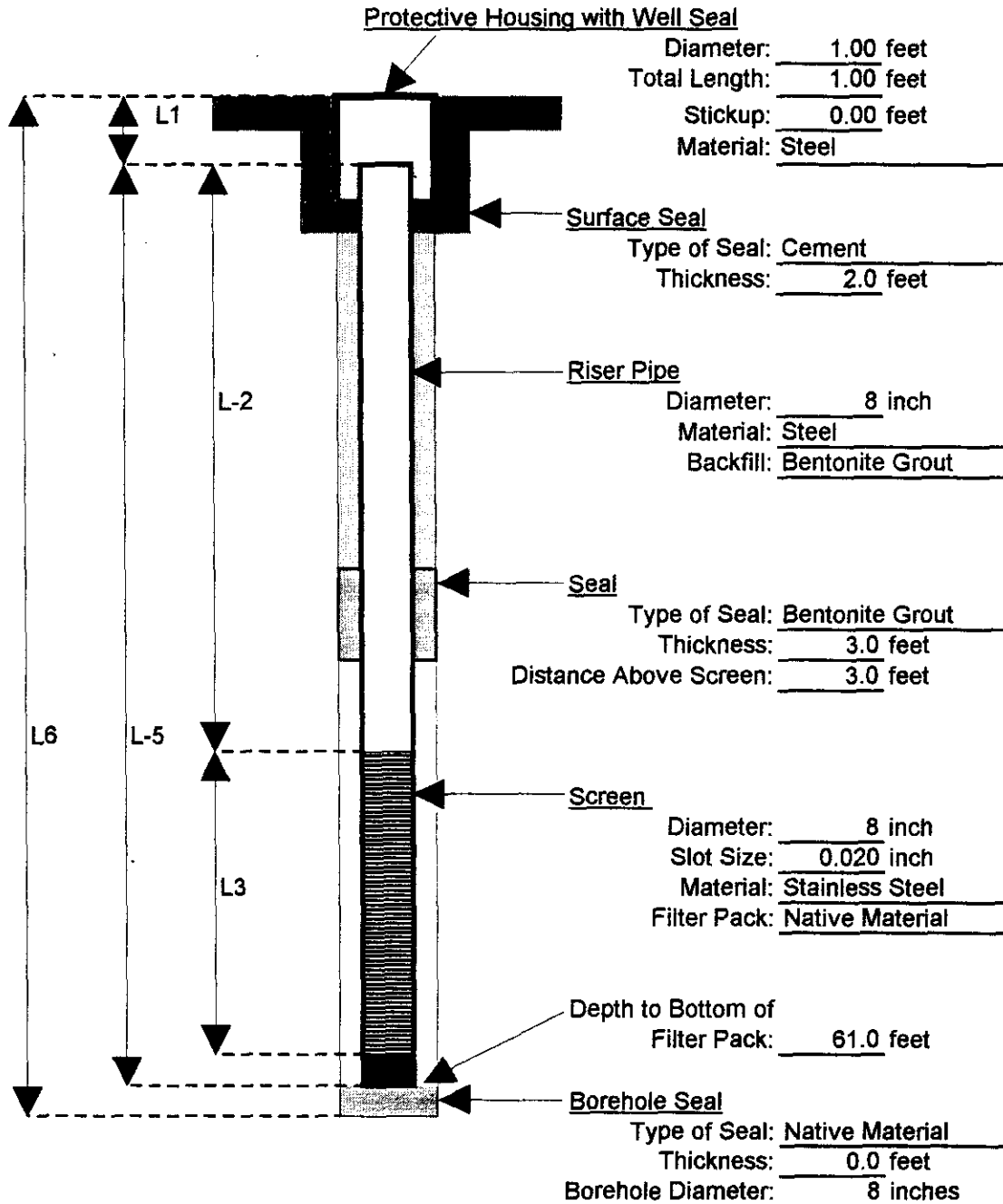
Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date.

LYMPUS ENVIRONMENTAL, IC.
PROPOSED COOLING WELL CONSTRUCTION LOG
 Union Block Building
 Parklane Company, Inc.
 Boise, Idaho

Injection Well ID: CW-1

Completion Date: NA



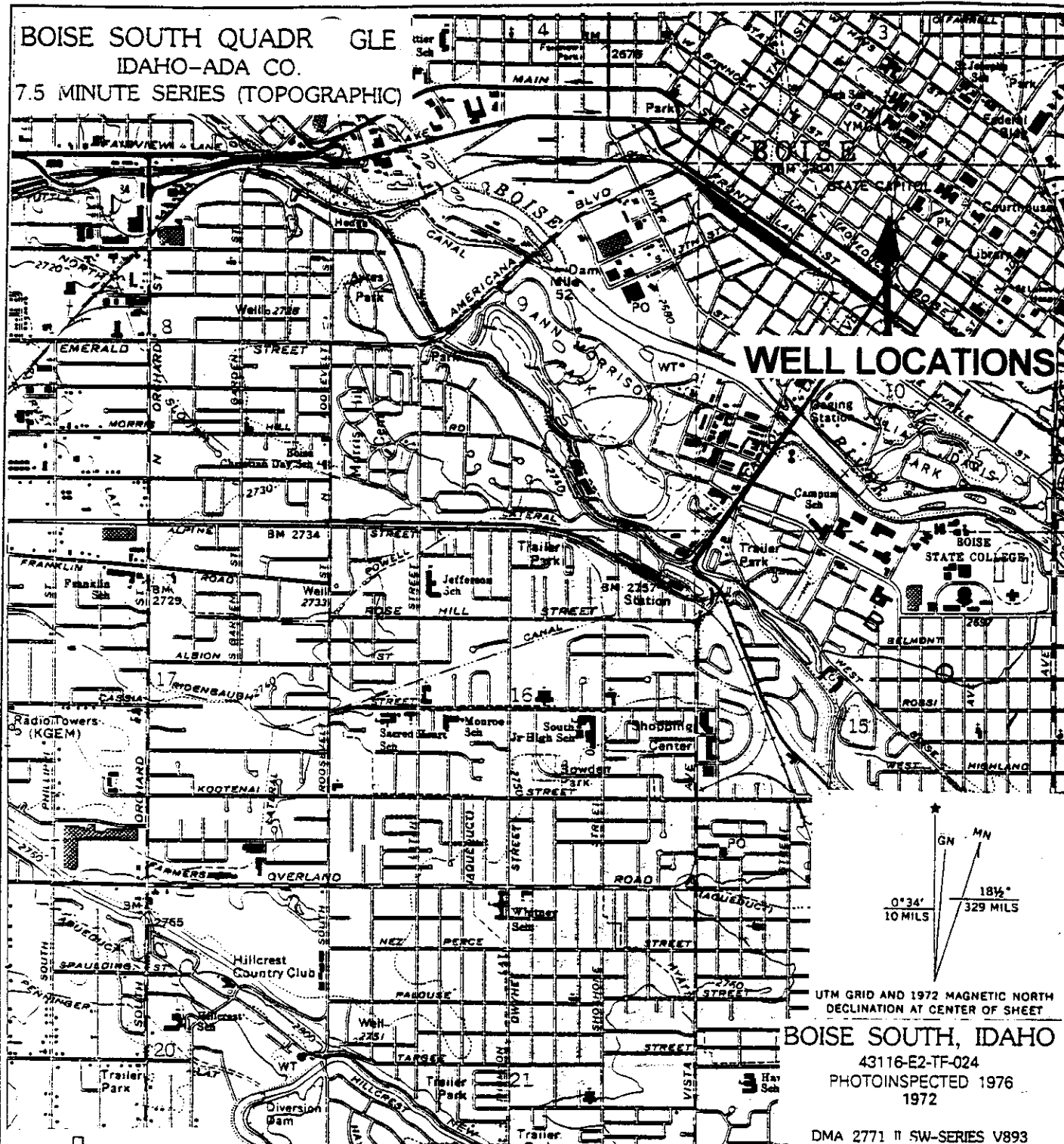
Well Specifications

L-1 Setdown: 0.50 feet
 L-2 Riser: 40.00 feet
 L-3 Screen: 20.00 feet
 L-4 Bottom Cap: 0.50 feet
 L-5 Well Depth: 60.50 feet
 L-6 Boring Depth: 61.00 feet

Elevations

Top of Housing: NA feet
 Top of Casing: NA feet

BOISE SOUTH QUADR GLE
IDAHO-ADA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



GN
MN
0°34' 10 MILS
18½° 329 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

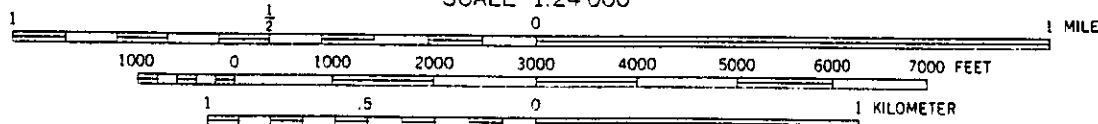
BOISE SOUTH, IDAHO

43116-E2-TF-024

PHOTOINSPECTED 1976
1972

DMA 2771 II SW-SERIES V893

SCALE 1:24 000



QUADRANGLE LOCATION

Map photoinspected 1976
no major culture or drainage changes observed

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



WELL LOCATION MAP
UNION BLOCK BUILDING
COMMUNITY CONTRACTING/PARKLANE COMPANY
Boise, Idaho
c:\mab\6296.cc\figure1.cvs

13-Jun-96

Figure

1

AUG 21 1996

63-12342

PARKLANE CO
1817 W FRANKLIN AVE
BOISE, ID 83702

Source: GROUNDWATER

Diversion Pt: NWNWNE Sec 10 T 03N R 02E in ADA County.

Use: COOLING	(	0.260 CFS)
Total Diversion:	(	0.260 CFS)

Date Filed: 6/19/1996

In: ADA County
T03N R02E S10 NWNE

Proposed water bearing zone to be appropriated is from 0 to 65 feet. All flows to be reinjected to same zone.

AUG 21 1996