

Received 7-8-74

Affidavit of Publication

STATE OF IDAHO }
County of Custer } ss.

I, MARGARET PARKS the
Publisher

of The MACKAY MINER, a
weekly newspaper of General Cir-
culation published weekly and en-
tered in the Post Office Mackay,
Idaho, continuously since Febru-
ary 6, 1906, do solemnly swear
that a copy of the notice, as per
clipping attached, was published
weekly in the regular and entire
issue of said newspaper and not in

any supplement thereof, for _____

2 consecutive weeks
commencing with the issue dated

June 27, 1974
and ending with the issue dated

July 4, 1974

Margaret Parks

Subscribed and sworn to before
me this 3rd day of

July, 1974

Rebecca Burdett

Notary Public
my com. Expires: 10/26/77

PUBLIC NOTICE

MB
**NOTICE OF APPLICATION
FOR WATER PERMIT**

Notice is hereby given that City of Mackay, Mackay, Idaho has on 6-18-74, submitted Application No. 34-7073 for a permit to appropriate 1.114 cubic feet per second of water from a ground-water source by means of well and pump within the NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 28, T. 7N, R. 24E B.M., Custer County; to be used from Jan. 1 to Dec. 31 for municipal purposes for the City of Mackay distribution system within fractions of Sec. 20, Sec. 21, Sec. 28 and Sec. 29, T. 7N, R. 24E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before July 15, 1974.

R. KEITH HIGGINSON
Director

Published in the Mackay Miner,
Mackay, Idaho on June 27 and
July 4, 1974. *cb*

34 7073

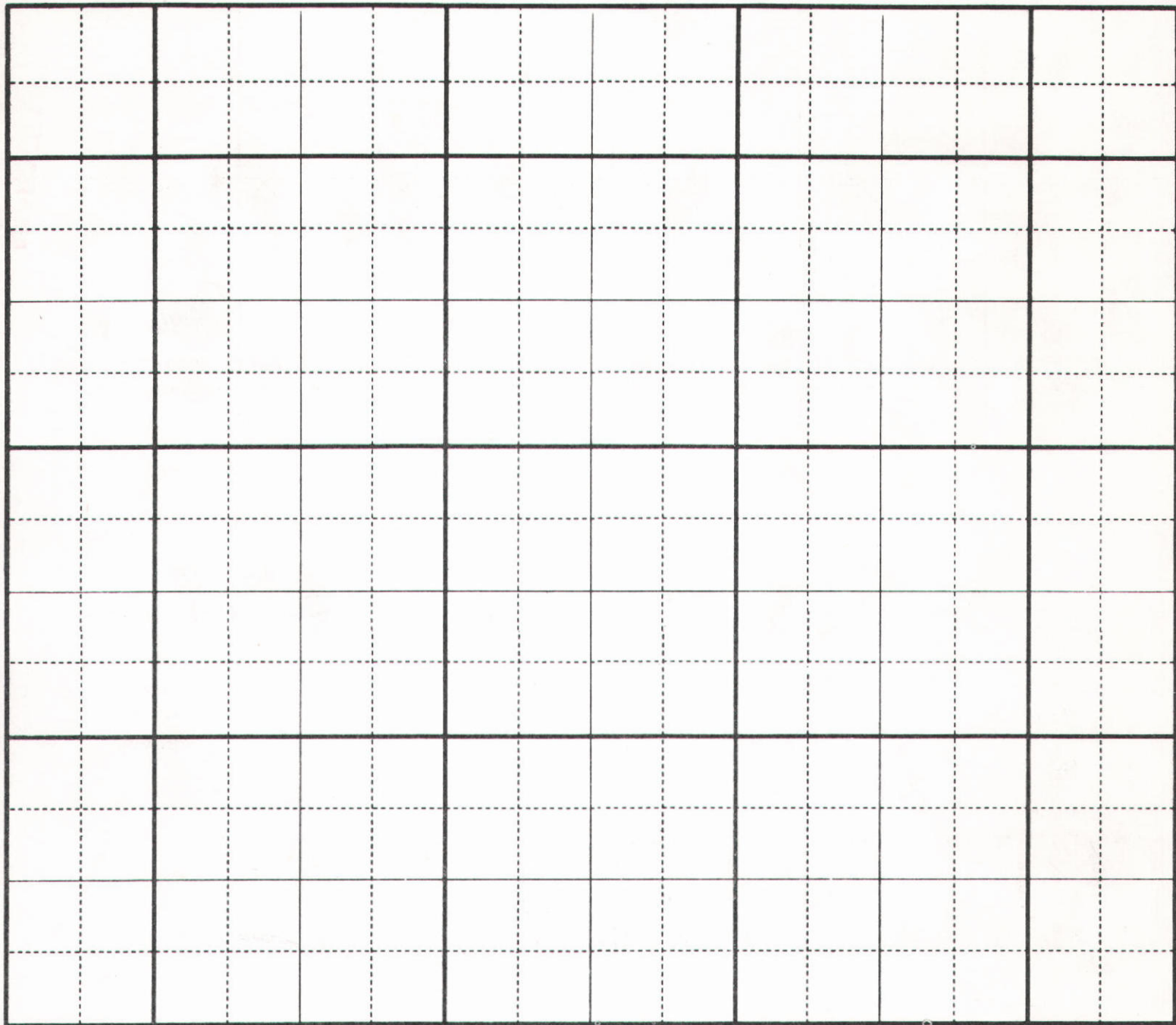
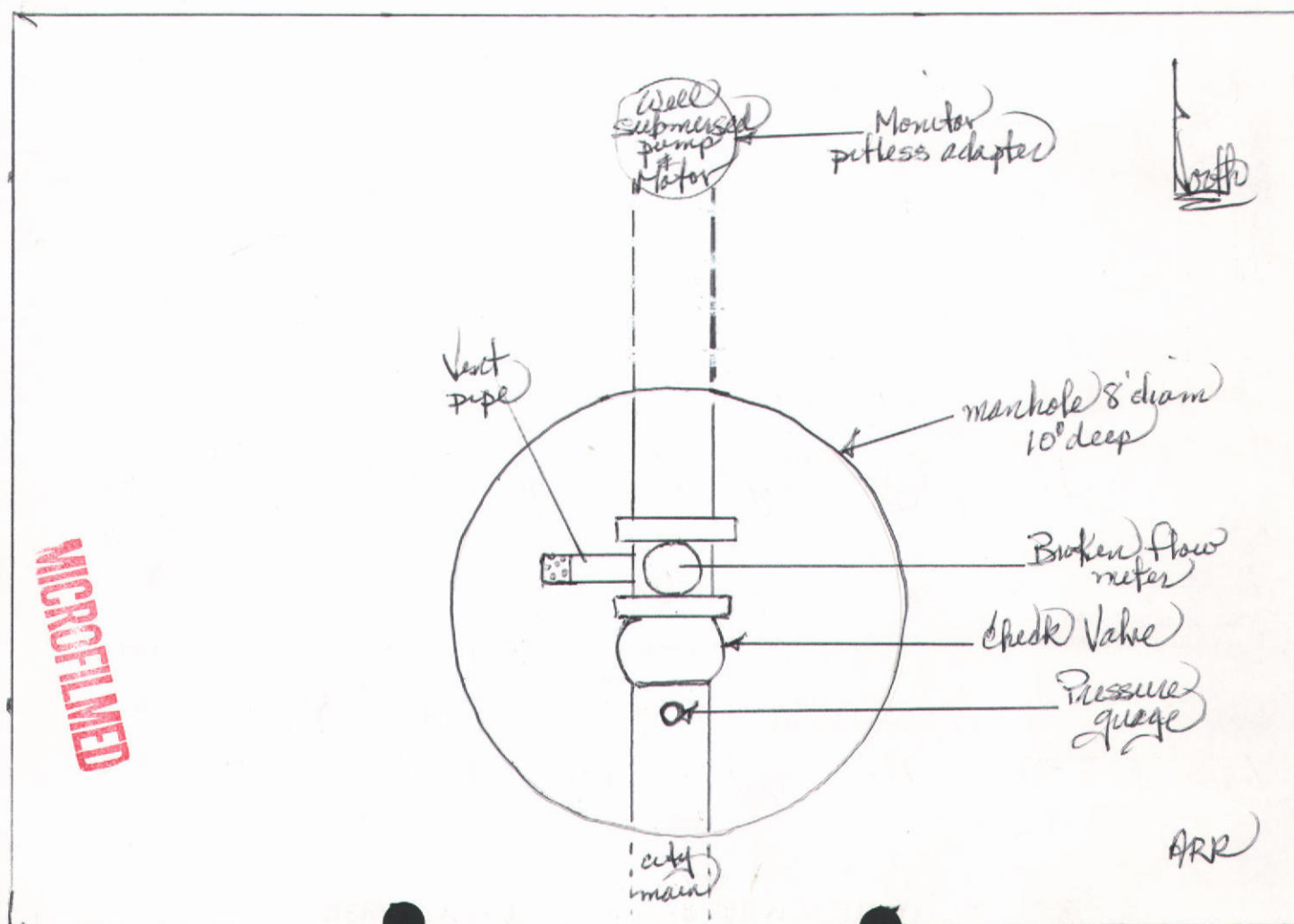
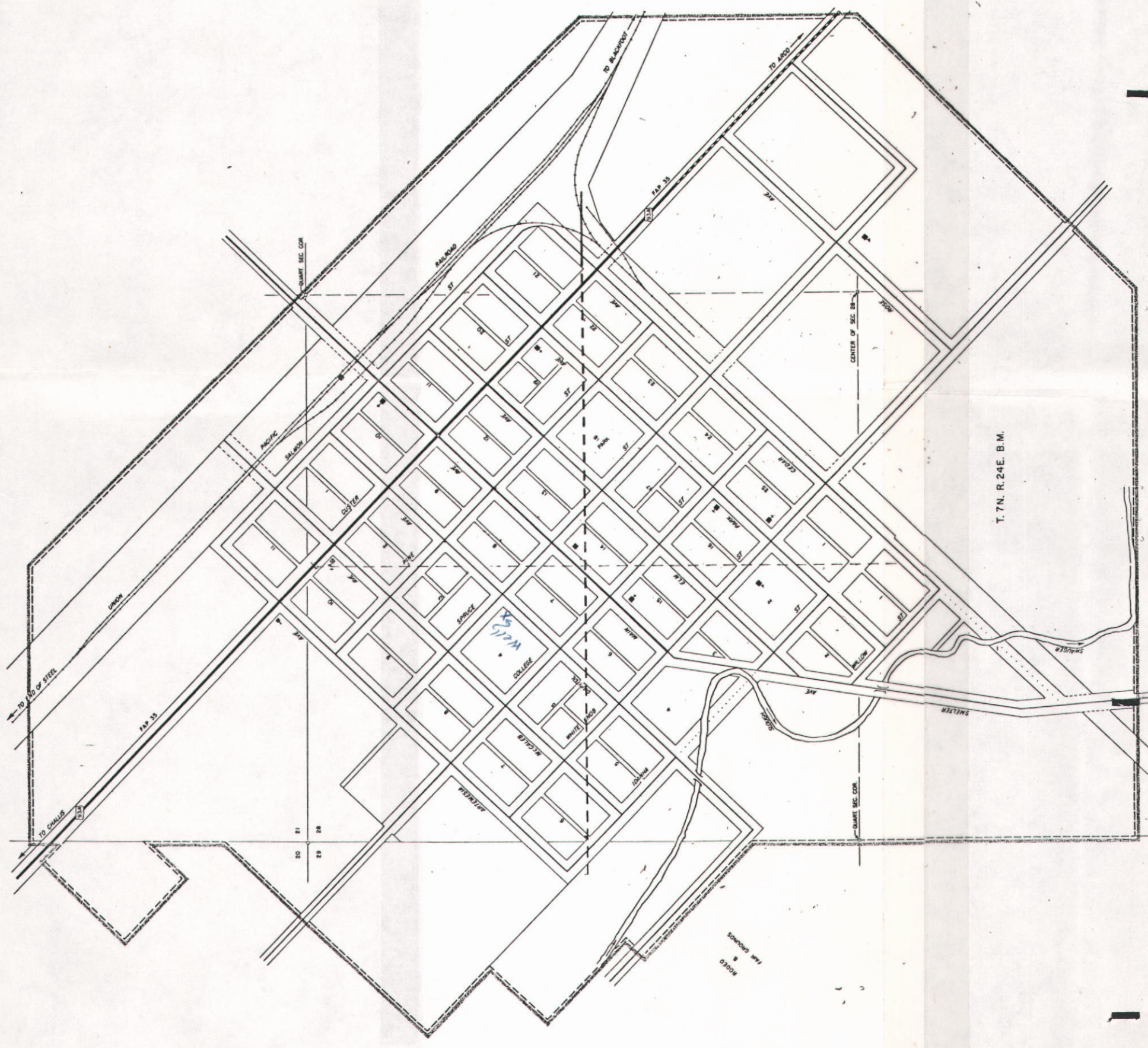


Diagram of System



UNRECORDED



- LEGEND**
- STREETS FORMING URBAN EXTENSIONS OF
FEDERAL-AID, PRIMARY STATE AND U.S. ROUTES
- UNIMPROVED
 - GRAVEL AND DRAINED
 - GRAVEL OR STONE
 - BITUMINOUS SURFACED-LOW TYPE
 - PAVED STREET
- OTHER CITY STREETS
- PAVED OR SURFACE TREATED
 - UNIMPROVED
 - DEDICATED-1st (and 2nd)
 - FEDERAL-AID PRIMARY SYSTEM
 - FEDERAL-AID SECONDARY SYSTEM
- F.A.P.
F.A.S.
- U.S. NUMBERED ROUTES
- STATE NUMBERED ROUTES
- CITY CENTER
- RAILROAD STATION
- CENTRAL BUSINESS DISTRICT
- CORPORATE BOUNDARY LINE
- END OF MARKED ROUTE
- END OF FEDERAL-AID SYSTEM
- SCHOOL
- CHURCH
- CITY HALL
- POST OFFICE
- HIGHWAY GARAGE
- FOREST RANGER STATION

CITY MAP
MACKAY
CUSTER COUNTY
IDAHO
SCALE
0 100 200 300 400 500 FEET
0 0.1 0.2 0.3 0.4 0.5 MILES
1960 POP. 102
1966

T. 7N. R. 24E. B.M.

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 Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name City of Makay

Address Makay Idaho

Owner's Permit No. 34-7073

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 12 inches Total depth 114 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.025 inches	<u>12</u> inches	+ 1 feet	115 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ 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 _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☐ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal depth 114 Material used in seal ☒ Cement grout
☐ Puddling clay ☐ Well cuttings
Sealing procedure used ☐ Sherry pit ☐ Temporary surface casing
☐ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name _____
Lot No. _____ Block No. _____
County Custer

N 1/4 W 1/4 Sec. 28, T. 7 N. R. 24 E. W.

7. WATER LEVEL

Static water level 16.5 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
_____	_____	_____
_____	_____	_____
_____	_____	_____

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
	0	1	Clay		
	1	10	Gravel and Clay		
	10	29	Sand and Gravel		
	29	75	Sand, Gravel & Clay		
	75	105	Gravel Clay Mixed		
	105	114	Clay and Gravel	X	

MAY 2 1974

WATER ADMINISTRATION
Area Office

RECEIVED

MAY 16 1974
MB

Department of Water Administration
Eastern District Office

10.

Work started Nov. 15, 73 finished Dec. 15, 1973

11. DRILLERS CERTIFICATION

Firm Name Barrus Drilling and Pump Firm No. 21

Address Box 146, Basalt, Idaho Date January 2

Signed by (Firm Official) LaMar Barrus

and
(Operator) Herb Butler

File
34-7073
May 6, 1974

City of Mackay
Mackay,
Idaho 83251

Gentlemen:

We have received a well drillers report indicating that a well was drilled for you in the NW¼NW¼, Sec. 28, T. 7N, R. 24E.

A review of our records indicates that you have not filed an application for a permit to appropriate the public water of the State of Idaho. Since March 25, 1963, an application has been required prior to construction of a well and a valid permit must be obtained before ground water may be diverted. The only exception to this requirement is a well drilled for stock-watering or single family house hold use and water used for all other purposes, including irrigation of one-half acre of land in connection with the household use where the total use does not exceed 13,000 gallons of water per day.

If you have already filed an application, which we over-looked in the review of our records, please advise us of the number of the application or the name under which the application was filed. However, if you have not yet filed the required application, you should do so as soon as possible. You may obtain the forms upon request from this office.

If you have any questions, please contact this office.

Very truly yours,

LOY H. JOHNSON
Water Resource Supervisor

LHJ:cb

cc: IDWA - State Office

Application filed 4/18/74. No 34-7073-25 4/10/74

MISSOURI

WATER RIGHT LICENSE

Director

Identification No. 34 7073

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION
APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

APPROVED

1. Name of applicant City of Mackay
post office address Mackay, Idaho 83251 588-2274
2. Source of water supply Ground Water which is a tributary of _____
3. a. Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 28 Township 7N
Range 24E B.M. Custer County; additional points of diversion if any: _____
All changes per telecon 6-18-74 NCY/Larry Perkins
- b. If water is not consumed, it will be discharged into N.A. at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount 1.114 for Municipal purpose from January 1 to December 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 1.114 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works.
a. Description of ditches, flumes, pumps, headgates, etc. Submersible pump with 30 h.p. motor. See
attached drawing for distribution system details.
- b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet, total reservoir
capacity _____ acre feet, materials used in storage dam. _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
- c. Proposed well diameter is 12 inches; proposed depth of well is 114 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is ~~XX~~ 1 years
b. Estimated construction cost is \$ 21,700.00
8. Description of proposed uses.
a. If water is **not** for irrigation See Item 10
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section ~~XX~~ Township ~~XX~~
Range ~~XX~~ B.M.
(2) Amount of power to be generated N.A. hp under _____ feet of head
(3) List number of each kind of livestock to be watered N.A.
- (4) Name of municipality to be served City of Mackay, or number of families to be
supplied with domestic water 160
- (5) If water is to be used for other purposes describe N.A.

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above _____

9 a. Who owns the property at the point of diversion City of Mackay

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 _____

10. Remarks This well is intended for a supplementary water supply to the city of Mackay. The city is presently building a new water distribution system and 300,000 gallon reservoir to distribute the water that they receive from Warm Spring Creek located south of Mackay.

The well was drilled during December of 1973 by Lamar Barrus of Basalt, Idaho.

The place of use is within the distribution system of the City of Mackay municipal water system; approximately: S½SW¼, Sec. 21, SE¼SE¼, Sec. 20, S½NE¼, Sec. 29, NW¼, E½NE¼, N½SW¼, NW¼SE¼, Sec. 28, T. 7N, R. 24E, B.M.

SEE ATTACHED MAP

Wilmer Lundberg
(Applicant)

34 7073

Proposed priority 6-18-1974

34 7073

Received by MB Date 6-18-74 Time 10:35 A
Preliminary check by NCY Fee \$ 35.00
Receipted by MB Date 6-18-74 # 12925
Publication prepared by MB Date 6-21-74
Published in Mackay Mining
Publication dates June 27 & July 4, 1974
Publication approved CB Date 7/28/74
Priority reduced to _____ Reason _____

Protests filed by _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by RDC, N, BDF

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 34-7073, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before August 1, 19 75.
- c. Other: A measuring device of a type approved by this Department shall be permanently installed and maintained as part of the diverting works.

2. Denial of said application is for the following reasons: _____

Witness my hand this 19 day of July 19 74.

Director

DEPARTMENT OF WATER ADMINISTRATION
- STAFF ANALYSIS -

Item	Initial	Date	
(1)	NCF	6/18/74	Application No. _____ City of Mackay
(2)			☒ Source ☒ Point of Diversion ☒ County ☒ Quantity of Water and Period of Use <i>Municipal purposes?</i> ☒ Description of Diverting Works ☒ Time required for B/U of water <i>change to 1 yr</i> ☒ Place of Use or Acres Irrigated <i>Doesn't totally agree/map</i> ☒ Map <i>doesn't show p.d.</i> ☒ Signature ☒ Fee
(3)	"	"	In form to receipt <i>Yes</i>
	"	"	Send Copies to: ☒ Idaho State Health Department ☒ Idaho Fish and Game Department ☒ Bureau of Land Management ☒ <i>Shirley Boyce</i> ☐ Request Special Use Permit from U.S.F.S. ☐ Request Easement from B.L.M. ☐ Request Information from Applicant
(4)	"	"	
(5)	"	"	In form for advertising <i>Yes</i>
(6)	"	"	Located within Water District No. <i>N.A.</i>
(7)	"	"	Critical groundwater area: yes _____ no ☒
(8)	"	"	Groundwater levels: _____ Decline (comment) _____ ☒ Stable (comment) <i>6.8 TF 27</i> _____ Increasing (comment) _____
(9)	"	"	Comments: _____
(10)	MB	7/8/74	Affidavit of Publication received (date) <i>July 8, 1974</i>
(11)	MB	7/15/74	Final date for protests <i>July 15, 1974</i> Protests received: yes _____ no ☒
(12)	"	"	Date and Place of hearing <i>N.A.</i> Decision reached at hearing <i>N.A.</i>
(13)	RDC	7/15/74	All requested information received from agencies or applicant yes ☒ no _____
(14)	"	"	Action recommended: ☒ Approve Priority <i>6/18/74</i> _____ Deny Reason for Reduction _____ ☒ Measuring device required _____ See attached sheet for additional conditions of approval _____ No additional conditions for approval
(15)	District <i>E</i>	By <i>RDC</i>	Date <i>7/15/74</i>

O.K. AFTER
 Phone call to
 Larry Perkins
 NCF

Received 7-8-74

Affidavit of Publication

STATE OF IDAHO }
County of Custer } ss.

I, MARGARET PARKS the
Publisher

of The MACKAY MINER, a
weekly newspaper of General Cir-
culation published weekly and en-
tered in the Post Office Mackay,
Idaho, continuously since Febru-
ary 6, 1906, do solemnly swear
that a copy of the notice, as per
clipping attached, was published
weekly in the regular and entire
issue of said newspaper and not in

any supplement thereof, for _____

2 consecutive weeks
commencing with the issue dated

June 27, 1974
and ending with the issue dated

July 4, 1974

Margaret Parks

Subscribed and sworn to before
me this 3rd day of

July, 1974

Rebecca Burdett

Notary Public
my Com. Expires: 10/26/77

34 7073



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

August 24, 1981

RE: Permit No. 34-7073

City of Mackay
Mackay,
Idaho 83251

Gentlemen:

Enclosed is a copy of the Water Right License issued on the above
referenced Permit.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

Enclosure

MICROFILMED



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

August 3, 1981

City of Mackay
Mackay, ID

RE: Water Right No. 34-7073

Dear Sirs:
A representative of this Department has made an examination of the works covered by your Permit No. **34-7073**, and has found the following:

Amount of water that can be recognized as beneficially used under
Idaho law: **.88 cfs** Source: **groundwater**

The maximum quantity diverted shall not exceed **N/A** acre feet per year.

Point(s) of diversion: **NWN Section 28, Twp 7N, Rge 24E**

Beneficial use: **Municipal use within the city limits of Mackay**

Priority date established: **June 18, 1974**

Conditions (if any):

If you do not concur with these findings please contact us within 10 days, otherwise a water license will be issued as set forth above.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

NOTED

*Flow meter repaired
ready for 5/18/79*



*This meter
was replaced
with another
non-functional
meter
6/18/79
APK*

May 14, 1979

Re: Permit No. 34-7073

City of Mackay
Mackay,
Idaho 83251

MAY 16 1979

Department of Water Resources
Eastern District Office

Attn: Russell Ellis, City Councilman

Dear Mr. Ellis:

Our field examiner has been trying to complete the exam for Permit No. 34-7073 for the City of Mackay for the past two years.

At the time of his first visit, it was discovered that the inner mechanism of the flow meter was missing. The following year another visit was made and the repairs had not been completed on the flow meter.

At that time you indicated a certified measurement by a professional engineer of the water used from the well covered by this permit would be submitted. We have not received a measurement as of this date.

Either the certified measurement by a professional engineer or the measuring device repaired must be completed by June 1, 1979, or cancellation proceedings will begin for this permit. Our field examiner will contact you on or around June 1, 1979.

If you have any questions, please feel free to contact this office.

Sincerely,

JAN GROVER
Water Rights Supervisor

JG:lr

DEPARTMENT OF WATER ADMINISTRATION FIELD REPORT

Received
Aug 16, 1975

1. Name of permit holder City of Mackay
Post office address Box 418, Mackay, Id. 83251 Phone 588-2274
Person to contact Rouse Elles, City Councilman Phone _____

2. Source of water supply: Groundwater ☒ Surface water ☐ _____
(name spring, stream, etc.)
Tributary to _____

3. Water will be used for the following purposes

Amount 1.114 c.f.s. for Municipal (160, City of Mackay)
AF/Annum (nature of use)

Period of Use: from Jan. 1 to Dec 31
(mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____
AF/Annum (nature of use)

Period of Use: from _____ to _____
(mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____
AF/Annum (nature of use)

Period of Use from _____ to _____
(mo.-day) inclusive (mo.-day)

Other uses _____

Permit No. 34-7073
Examination for 6/10

4. Total amount to be appropriated

Max Rate of Diversion 1.114 cubic feet per second and annual volume _____ AF/Annum.

5. Location of Point(s) of Diversion

Township 7 N/S, Range 24 E/W, B.M., Section 28, Subdivision NW 1/4 NW 1/4, Custer County

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ 1/4 _____ 1/4, _____ County

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ 1/4 _____ 1/4, _____ County

Other Points of Diversions. _____

Description of diverting works 8" 30 H.P. 12" casing, 114' deep.

Measuring device required yes ☒ no ☐

6. Lands to be irrigated or place of use

TWP	RANGE	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
7N	24E	21											X	X					
		20																X	
		29			X	X													
		28	X			X	X	X	X	X	X	X				X			

TOTAL ACREAGE _____

APPROVED

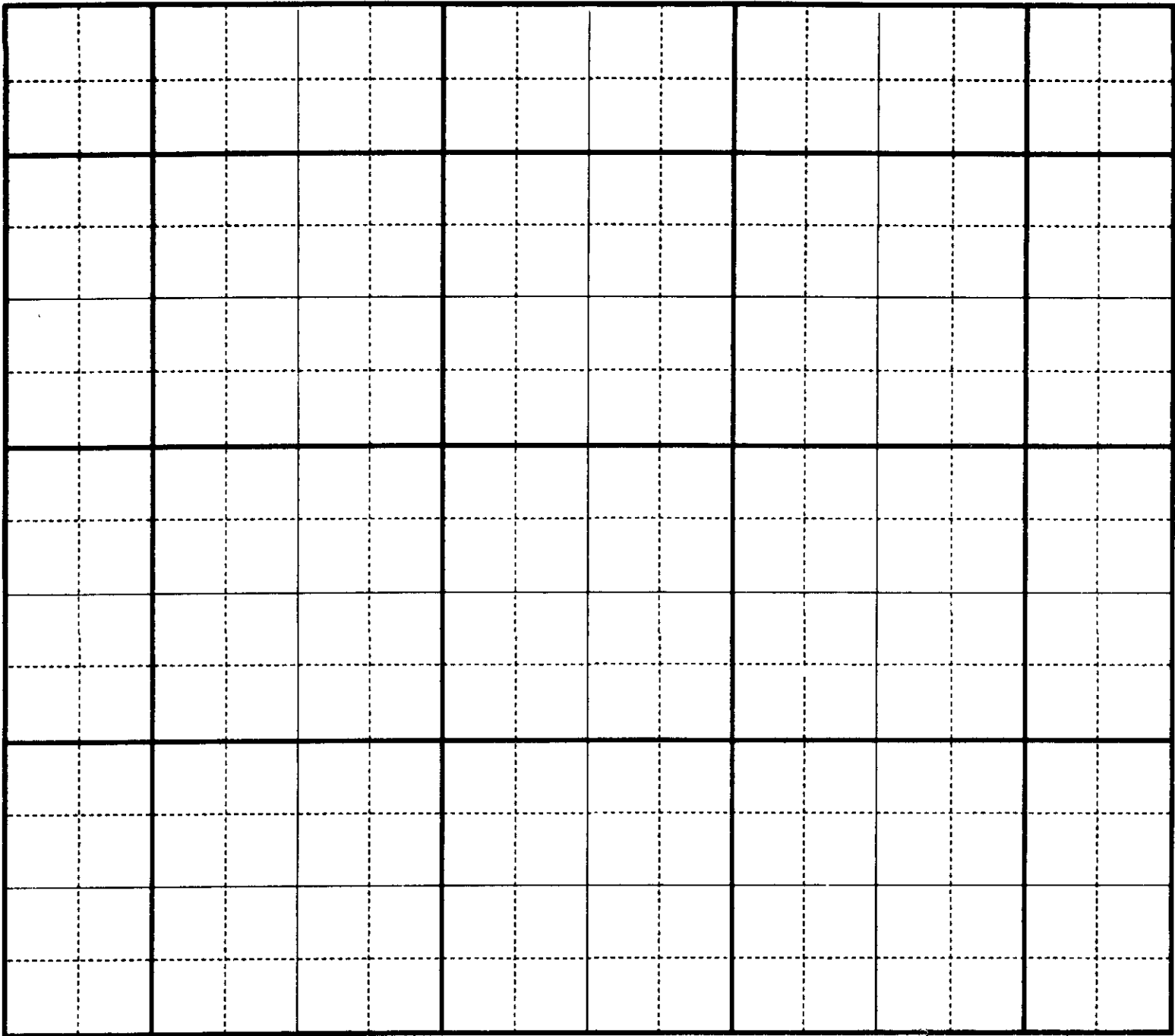
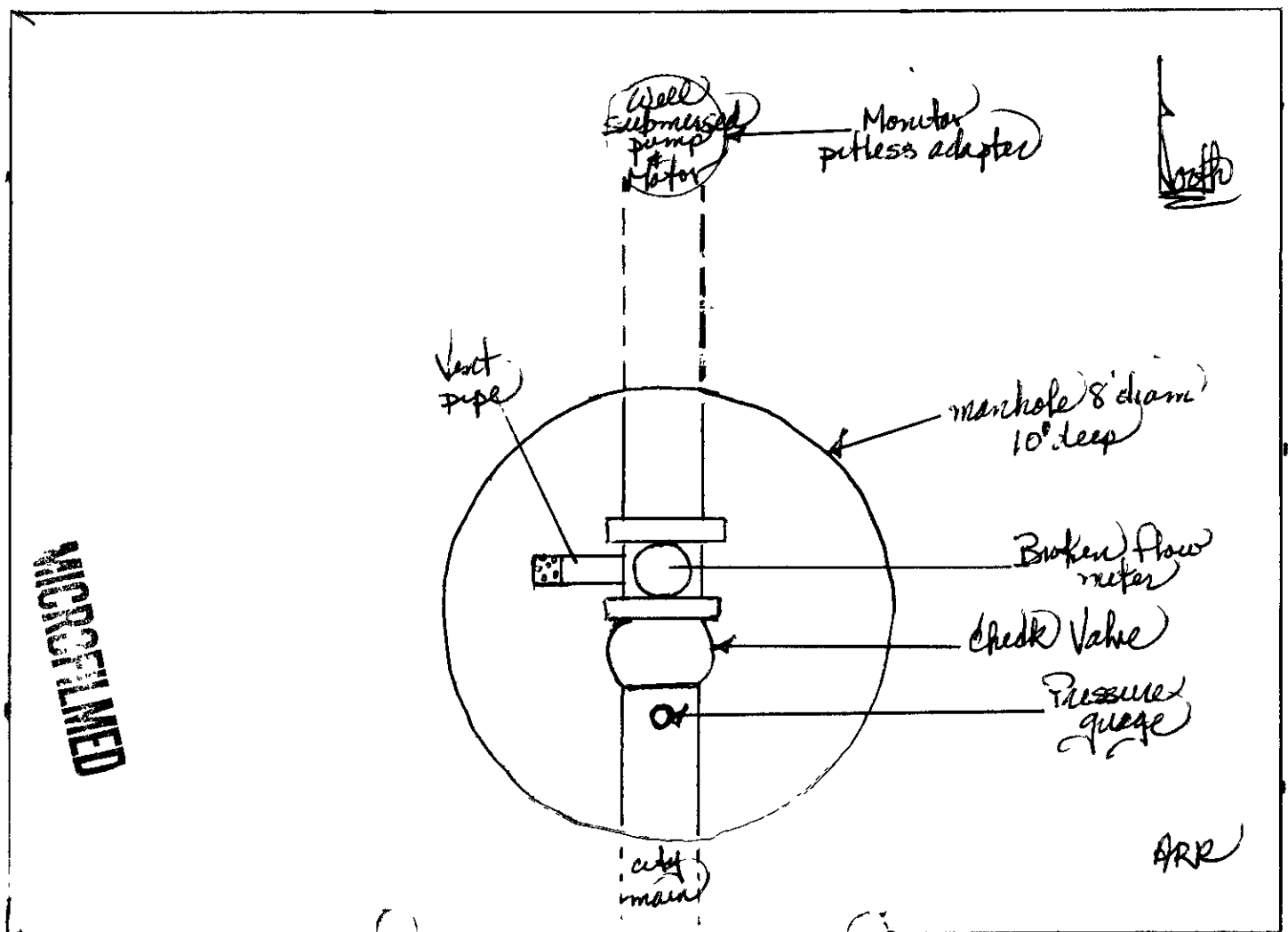


Diagram of System



DATE OF EXAM 6/18/79

ACREAGE
Found n/a
Recommended n/a

Irrigation Requirement n/a Ac Ft/Ac

USE
Irrigation Q= c.f.s. Y= AF/Ann. from to
Domestic Q= c.f.s. V= AF/Ann. from to
Livestock Q= c.f.s. V= AF/Ann. from to
Municipal .88 cfs Jan 1 to Dec 31

Is water co-mingled? yes no X

Name source n/a
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Exchange? yes no X

Name source exchanged with: n/a
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Point of injection n/a
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Point of exchange: n/a
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Total Q measured n/a Method of measurement Theoretical

Total Q recommended .88 cfs Meter No. 2547927 Type Redden Condition inoperable

Total V recommended not determined for municipal use in flow meter

Recommended Amendments:

P D

Place of Use

Other

None

MEASUREMENT CALCULATION

$$Q = \frac{(H.P. \text{ of pump}) (eff. \text{ of pump}) (constant - 8.814)}{(static \text{ water level}) + (operating pressure) (2.31 - constant)} = \frac{(30)(.80)(8.814)}{(40) + (87)(2.31)} = .88 \text{ cfs}$$

CAPACITY

SYSTEM DESCRIPTION:

Groundwater is ducted from a 12" diam cased well by a 30 H.P. Red Jacket submersed pump & motor m/n - 3006 R534/10 - 3pk static water level - 40', pump set @ 50' - well is equipped with a pitless adapter made by Monitor # 7P31214 RFS 8409 operating pressure measured - 87 psi. Groundwater is ducted into the city water main and into the city water storage tank which gravity flows back into the city water system.

REMARKS: System shown, operated and described by Russell Ellis. The flow meter was originally installed by contractor without the inner mechanisms. The meter housing was finally replaced with another broken meter. This system can't be skrubbed. Therefore a theoretical measurement was made.

Examiner's Signature Anthony R. Kozlowski Date Jan 4, 1980

Checked by John D. Cannon Date 4/11/80

Approved by [Signature] Date 7/23/81

MICROFILMED

City of Mackay

CUSTER COUNTY

IDAHO 83251

May 15, 1979

RECEIVED

MAY 18 1979

Department of Water Resources

State of Idaho
Department of Water Resources
Statehouse
Boise, Idaho 83702

Attn: Jan Grover, Water Rights Supervisor

Dear Mr. Grover:

I recently received your letter which described your inability to complete the exam for the City of Mackay's Well Permit No. 34-7073 due to a defective mechanism in the flow meter.

The flow meter has since been repaired and is ready for inspection by your field examiner at his convenience.

Thank you very much for your concern and assistance in this matter.

Sincerely,

Rowsel Ellis

ROWSEL ELLIS
City Councilman
City of Mackay

Phone Tony 5/18/79 & he stated he would schedule a field exam around the first of June.

*Sent exam to Tony for his calculations.
12/18/79 jg*

MICROFILMED

May 14, 1979

Re: Permit No. 34-7073

City of Mackay
Mackay,
Idaho 83251

Attn: Russell Ellis, City Councilman

Dear Mr. Ellis:

Our field examiner has been trying to complete the exam for Permit No. 34-7073 for the City of Mackay for the past two years.

At the time of his first visit, it was discovered that the inner mechanism of the flow meter was missing. The following year another visit was made and the repairs had not been completed on the flow meter.

At that time you indicated a certified measurement by a professional engineer of the water used from the well covered by this permit would be submitted. We have not received a measurement as of this date.

Either the certified measurement by a professional engineer or the measuring device repaired must be completed by June 1, 1979, or cancellation proceedings will begin for this permit. Our field examiner will contact you on or around June 1, 1979.

If you have any questions, please feel free to contact this office.

Sincerely,

JAN GROVER
Water Rights Supervisor

JG:lr

MICROFILMED

INTER-DEPARTMENT MEMO — 1

FROM

Jan

TO

File

DATE

5/10/79

SUBJECT

In talking with Tony K. from Casten
he stated an access port could not
be installed as the pump is in an
underground manhole & equipment
probably would not fit down inside.
Therefore, they need to have either a certified
measurement or repaired measurement.

MICROFILMED

SIGNATURE

MEMO TO FILE

PERMIT 34-7073

For the past two years field examiners from our region have attempted to complete a field examination for the City of Mackay's permit No. 34-7073. The first examination revealed that the contractor had installed an empty flow meter housing. The essential inner mechanism of the meter was missing. At that time Russell Ellis (City councilman) was notified of the situation. He stated that he would notify the contractor of the deficiency. Hopefully, he could persuade the contractor to return and finish the necessary work.

The following year, 1978, I paid another visit to the City of Mackay while doing other work in the area. The necessary repairs had still not been made. The contractor had already been paid for the work, and the City could not get him to return.

At this time, I suggested that the City might want to engage a professional engineer and to have him submit a certified water measurement to the Department in their behalf. This idea seemed to be well taken by Mr. Ellis. However, six months have elapsed and I have not received any response.

The well used under this permit was drilled in order to supplement the City's main water source (Warm Springs). Water from the well is discharged into the existing city water delivery system and is used primarily for fire protection, drought protection, and intense mid-summer lawn watering.

As we were unable to complete the examination, I am forwarding it to you for final action.

Anthony R. Kozlowski

ANTHONY R. KOZLOWSKI
Water Resource Agent

ARK:dh

RECEIVED
JAN 10 1979

August 6, 1975

Re: Permit No. 34-7073

City of Mackay
Box 418
Mackay, Idaho 83251

Gentlemen:

We acknowledge receipt of the affidavit submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. We cannot tell just when this examination will be made, but our examiner will try to contact you at the time he makes the examination so that you may show him the system.

If you have any questions regarding the field examination, please contact our District Office in **Idaho Falls.**

Sincerely,

D. Darlene Reich
Water Rights Supervisor

DDR:JG

Identification No. sk jr

Permit No. 34-7073
CES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

1. a) Name of Permit Holder City of Mackay
b) Post Office Address P. O. Box 418, Mackay, Idaho 83251
2. Permit Number 34-7073
3. Date of Priority that you are prepared to establish June, 1974
4. a) Source from which water was appropriated Ground Water
b) Location of the point of diversion: NW ¼ NW ¼, Section 28
Township 7N, Range 24E, Boise Meridian, Other points of diversion:
5. a) The amount of water and use to which the water has been applied:
Amount 1.114 for Domestic purposes from Jan. 1 to Dec. 31 incl.
(cfs and/or acre-feet per annum) (Month-Day) (Month-Day)
Amount _____ for _____ purposes from _____ to _____ incl.
(cfs and/or acre-feet per annum) (Month-Day) (Month-Day)
Amount _____ for _____ purposes from _____ to _____ incl.
(cfs and/or acre-feet per annum) (Month-Day) (Month-Day)
b) Total amount appropriated 1.114 cfs cfs and/or acre-feet per annum
c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement: Flow will be made by a continuous recording flow meter. Person checking is city foreman, Tom Hensley.
6. If the means of diversion and conveyance are owned by someone other than the Permit Holder:
a) Give the name or description of the canal, ditch or other works by which the water is conducted to the place of use:

b) Describe the agreement or understanding by which you take water from the works: _____
7. a) Briefly describe the works for diverting and conveying the water to the place of use, (if from a subterranean source, give the pump size, motor size, size of well casing, depth of well; if from surface water, give brief description of diversion structure and/or canal or ditch) subterranean source; 8 inch, 30 hp, 12 inch casing, 114 ft. depth.
b) Describe the type and size of measuring device which you have installed at your point of diversion: 8 inch badger--propeller type continuous recording flow meter.
c) Give well driller's name and address and the date the well was completed: Lamar Barris, Basalt, Idaho
The well was completed 12-20-73
8. If for other than irrigation, describe the beneficial use to which you have applied the water and the place of use: The well is for municipal use. It is a back up well for the municipal water system serving approximately 160 families.

Exam typed 9-6-75 by [signature]

THB

9. Irrigation uses: describe the lands irrigated by giving the acreages irrigated within each 40 acre subdivision: _____

T	R	SEC.	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres irrigated _____

10. Remarks: The well is primarily for a back-up stand by facility to provide additional water at high use periods and heavy demand for fire protection.

The above information is a true statement of the extent to which the above numbered permit has been developed.

7/30/75

(Date)

Rowse Ellis
Rowse Ellis, (Signature) City Councilman

State of Idaho)
) ss.
County of Custer)

On this 30th day of July, 19 75, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

Charles L. Wright
Notary Public residing at Mackay, Idaho

My commission expires February 14, 1979

PS Form 3811, Nov. 1973

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● **SENDER** Complete items 1 and 2
Add your address in the "RETURN TO" space on reverse

1 The following service is requested (check one).

- ☐ Show to whom and date delivered..... 15¢
- ☐ Show to whom, date, & address of delivery . 35¢
- ☐ DELIVER ONLY TO ADDRESSEE and show to whom and date delivered..... 65¢
- ☐ DELIVER ONLY TO ADDRESSEE and show to whom, date, and address of delivery 85¢

2 ARTICLE ADDRESSED TO:

Michael J. Taylor

3. ARTICLE DESCRIPTION:

REGISTERED NO. CERTIFIED NO. INSURED NO.

96822

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE

Michael J. Taylor

4. DATE OF DELIVERY

POSTMARK

JUN 6 1975

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S INITIALS

E. W.

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address, and ZIP Code in the space below

- Complete items 1 and 2 on reverse side
- Moisten gummed ends and attach to back of article.

PENALTY FOR PRIVATE
USE TO AVOID PAYMENT
OF POSTAGE, \$300



RETURN
TO



DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

June 2, 1975

CERTIFIED MAIL

26822

Re: Permit No. 34-7073

City of Mackay
Mackay,
Idaho 83251

Gentlemen:

One of the conditions of approval of your water Permit No. 34-7073 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before August 1, 1975. Enclosed is an affidavit form which must be used to submit the required proof of beneficial use.

If you have not fully completed your project, and you have not previously received an extension of time, you may request an extension of time provided the delay is for reasonable cause as indicated in Section 42-204, Idaho Code, amended. If you have been prevented from proceeding by a governmental agency or by litigation, more than one extension of time can be granted.

Either the beneficial use affidavit or a request for an extension of time must be received by this Department on or before the above mentioned date, otherwise the permit will lapse and be of no further force or effect.



R. KEITH HIGGINSON

Director

PRKH:jg

Enc: Proof affidavit

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 Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name City of Nakay

Address Nakay Idaho

Owner's Permit No 34-7073

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☒ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)

☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 12 inches Total depth 114 feet

Casing schedule ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>.025</u> inches	<u>12</u> inches	<u>1</u> feet	<u>115</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ 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 _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☐ No Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 114 Material used in seal ☒ Cement grout

☐ Pudding clay ☐ Well cuttings

Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing

☐ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name _____
Lot No. _____ Block No. _____

County Custer

NW 1/4 NW 1/4 Sec. 28, T. 7 N, R. 24 E

7. WATER LEVEL

Static water level 16.5 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
_____	_____	_____
_____	_____	_____
_____	_____	_____

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
	0	1	Clay		
	1	10	Gravel and Clay		
	10	20	Sand and Gravel		
	20	75	Sand, Gravel & Clay		
	75	105	Gravel Clay Mixed		
	105	114	Clay and Gravel	X	

10.

Work started Nov. 15 73 finished 15 73

11. DRILLERS CERTIFICATION

Firm Name Barrus Drilling and Pump Firm No. 21

Address Box 146, Basalt Idaho Date January 2

Signed by (Firm Official) LeMar Barrus

and

(Operator) Herb Butler

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

File
84-7073
May 6, 1974

City of Mackay
Mackay,
Idaho 83251

Gentlemen:

We have received a well drillers report indicating that a well was drilled for you in the NW1/4NW1/4, Sec. 28, T. 7N, R. 24E.

A review of our records indicates that you have not filed an application for a permit to appropriate the public water of the State of Idaho. Since March 25, 1963, an application has been required prior to construction of a well and a valid permit must be obtained before ground water may be diverted. The only exception to this requirement is a well drilled for stock-watering or single family house hold use and water used for all other purposes, including irrigation of one-half acre of land in connection with the household use where the total use does not exceed 13,000 gallons of water per day.

If you have already filed an application, which we over-looked in the review of our records, please advise us of the number of the application or the name under which the application was filed. However, if you have not yet filed the required application, you should do so as soon as possible. You may obtain the forms upon request from this office.

If you have any questions, please contact this office.

Very truly yours,

LOY H. JOHNSON
Water Resource Supervisor

LHJ:cb

cc: IDWA - State Office

✓
copy of well report 84-7073-155/74

WELL DRILLER'S REPORT

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

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

July 22, 1974

Re: Permit No. 34-7073

City of Mackay
Mackay,
Idaho 83251

Gentlemen:

Enclosed is a copy of your approved Application for Permit No. 34-7073. We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

Sincerely,

BOBBY D. FLEENOR
Assistant Director

BDF/bjg

Enclosures

34 7073

June 25, 1974

Re: Application for Permit No. 29-7202 & 34-7073

Mr. Shirl C. Boyce, Jr.
Idaho State Planning & Community Affairs Agency
Regional Office, Idaho State University
Box 73
Pocatello, Idaho 83201

Dear Mr. Boyce:

We are enclosing copies of applications that may be of interest to your agency. Please review the applications and if you have any comments, please submit them to our Department as soon as possible. The last date of protest is July 15, 1974, and we are required to take final action shortly thereafter.

If we may be of further assistance, please contact us.

Very truly yours,

RONALD D. CARLSON
Asst. to District Engineer

RDC:MB

Enclosures

34 7073

June 25, 1974

Re: Application for Permit No. 34-7073 & 29-7202

Mr. Howard L. Burkhardt
Sr. Public Health Engineer
Dept. of Environmental & Community Services
316 North 7th Street
Pocatello, Idaho 83201

Dear Mr. Burkhardt:

We are enclosing copies of applications that may be of interest to your agency. Please review the applications and if you have any comments, please submit them to our Department as soon as possible. The last date of protest is July 15, 1974, and we are required to take final action shortly thereafter.

If we may be of further assistance, please contact us.

Very truly yours,

RONALD D. CARLSON
Asst. to the District Engineer

RDC:MB

Enclosures

34 7073

June 21, 1974

Re: Application for Permit No. 34-7073 City of Mackay

The Custer Publishing Co.
P.O. Box 405
Challis, ID 83226

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. 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.

Very truly yours,

NORMAN C. YOUNG
District Engineer

Bill submitted 7-8-74 by MB

NCY:MB

Enc: Legal Notice (1)

34 7073

**NOTICE OF APPLICATION
FOR WATER PERMIT**

Notice is hereby given that City of Mackay, Mackay, Idaho has on 6-18-74 submitted Application No 34-7073 for a permit to appropriate 1114 cubic feet per second of water from a ground-water source by means of well and pump within the NW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 28, T. 7N, R. 24E B.M., Custer County; to be used from Jan. 1 to Dec. 31 for municipal purposes for the City of Mackay distribution system within fractions of Sec. 20, Sec 21, Sec 28 and Sec. 29, T. 7N, R. 24E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before July 15, 1974

R. KEITH HIGGINSON
Director

Published in the Mackay Miner,
Mackay, Idaho on June 27 and
July 4, 1974

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that City of Mackay

Mackay, Idaho

has on 6-18-74 submitted Application No. 34-7073

for a permit to appropriate 1.114 cubic feet per second ~~acre feet per annum~~

of water from a ground-water source

by means of well and pump

within the NW1/4, Sec. 28, T. 7N, R. 24E, B.M., Custer County;

to be used from Jan. 1 to Dec. 31

for ~~municipal~~ purposes for the City of Mackay distribution system

within fractions of Sec. 20, Sec. 21, Sec. 28 and Sec. 29, T. 7N, R. 24E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before July 15, 1974.

R. KEITH HIGGINSON

Director

Published in the Mackay Miner, Mackay, Idaho

on June 27 and July 4, 1974.

34 7073

178
36
10

June 19, 1974

City of Mackay
Mackay
Idaho 83251

Gentlemen:

Attached herewith is departmental receipt No. 12025 in the amount of \$35.00 for the application for permit which was received in this office on June 18, 1974.

If we may be of further assistance, please do not hesitate to contact us.

Very truly yours,

NORMAN C. YOUNG
District Engineer

NCY:MB

Attachment