

Affidavit of Publication

THE RIGBY STAR

RECEIVED

DEC 11 1974

Department of Water Resources
Eastern District Office

STATE OF IDAHO, }
County of Jefferson } ss.

I, Hope B. Jones, do solemnly swear that I am the printer of THE RIGBY STAR, a weekly newspaper as defined by Idaho Codes Annotated Section 58-106 as amended, and that said newspaper is a weekly newspaper, printed and published at Rigby, Jefferson County, Idaho, having a general circulation in said county, and that said newspaper has been printed and published as a weekly newspaper, in said county for more than 78 consecutive weeks prior to the first publication of the attached notice.

And affiant further says that at the times herein mentioned said newspaper as per clipping attached, was published in said newspaper in the regular and entire issue thereof, and not in any supplement issue thereof, for

Two Consecutive issues thereof; first publication having been made on the
----- *21st* ----- day of *November*, 19 *74*

and the last publication on the

----- *28th* ----- day of *November*, 19 *74*

And affiant further says that at the times herein mentioned said newspaper was made up of at least four pages of at least five columns each printed from type matter of at least seventeen and three-fourths inches depth, and that there are at least two hundred bonafide subscribers in Jefferson County.

Hope B Jones

Subscribed in my presence and sworn to before me this *10th*

day of *Dec.*, 19 *74*
(SEAL)

R H Hamm

Notary Public for the State of Idaho,
Residence and P. O. Address, Rigby, Idaho.

My commission expires -----, 19-----

Publication Fee: \$ *11.99*

MY COMMISSION EXPIRES JULY 15, 1977

NOTICE OF APPLICATION FOR WATER PERMIT

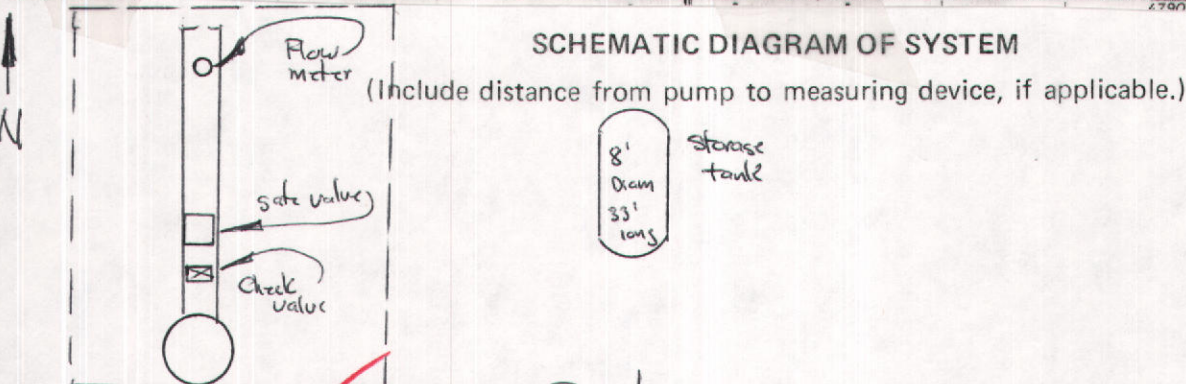
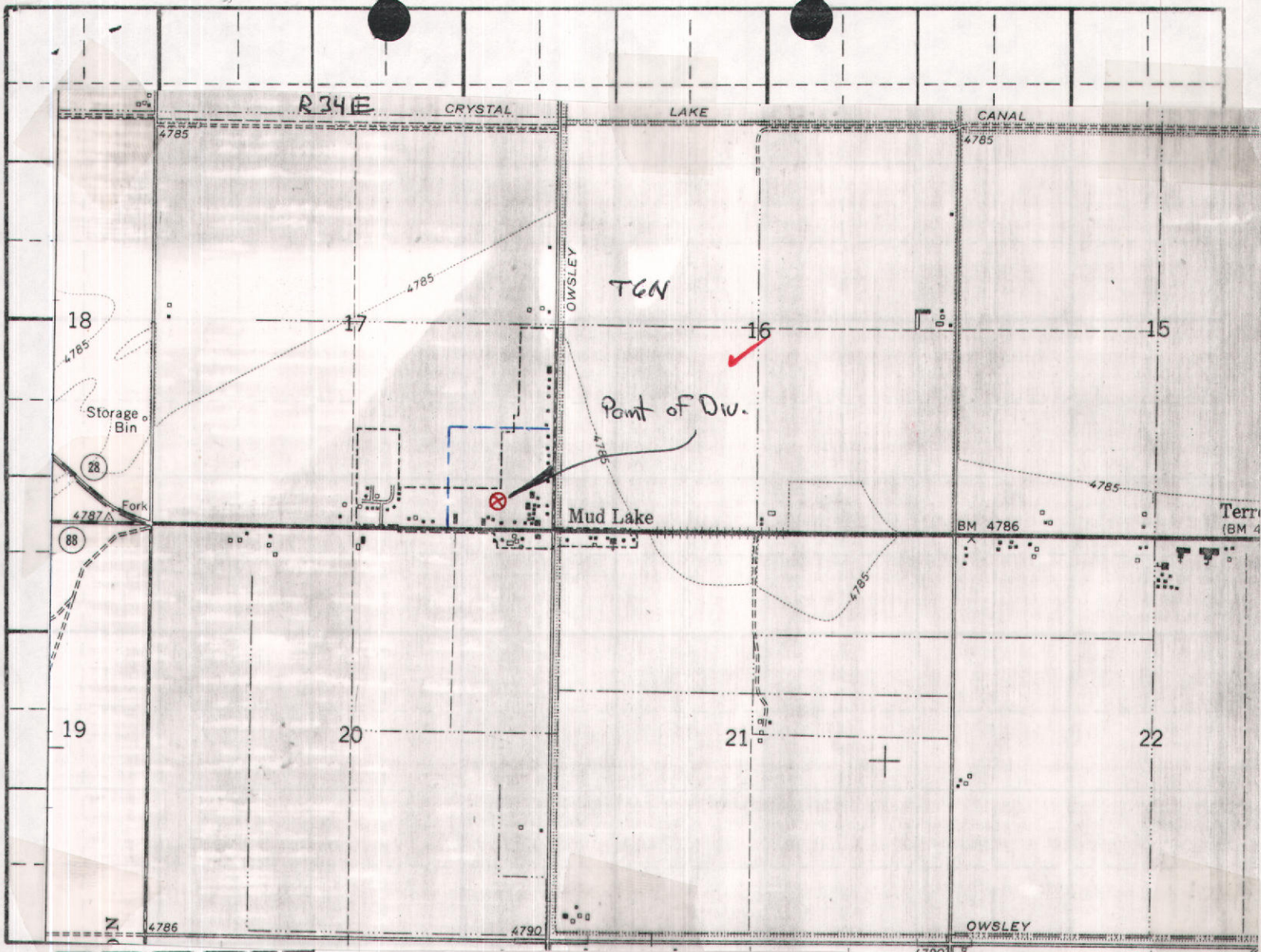
Notice is hereby given that City of Mud Lake, Mud Lake, Idaho, has on November 15, 1974 submitted Application No. 31-7146 for a permit to appropriate 2.23 cubic feet per second of water from a ground-water source by means of well and pump within the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 17, T. 6N, R. 34E, B.M. Jefferson County; to be used from January 1 to December 31 for fire and municipal purposes within the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 16, E $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 17, NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 20, NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 21, T. 6N, R. 34E, 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 Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before December 9, 1974.

R. KEITH HIGGINSON
Director

Published in The Rigby Star, Rigby Idaho on November 21 and November 28, 1974.

MICROFILMED



Point(s) of diversion: SESE Sect. 17 T6N R34E

Place(s) of Use

City of Mud Lake

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

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

Examiner's Signature

HW Jones for J. Carlson
Keith Wilson

Checked by

K. Walker

Approved by

Date 5-25-84

Date 13 Nov 1984

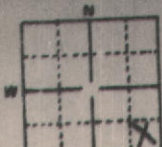
Date 7/29/86

MICROFILMED

USE TYPEWRITER OR
BALL POINT PEN

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

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>City of Mid Lake</u> <u>Terreton, Idaho</u> Address _____ Owner's Permit No. <u>31-7146</u>		7. WATER LEVEL Static water level <u>150</u> 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																																																																																															
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☐ Bailer ☐ Other <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Draw Down</th><th>Hours Pumped</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>		Discharge G.P.M.	Draw Down	Hours Pumped																																																																																											
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3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) _____ ☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole 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>16</td><td>0</td><td>88</td><td>Clay</td><td> </td><td> </td></tr><tr><td> </td><td>88</td><td>103</td><td>Gray lava</td><td> </td><td> </td></tr><tr><td> </td><td>103</td><td>131</td><td>Reddish brown lava</td><td> </td><td> </td></tr><tr><td> </td><td>131</td><td>146</td><td>Gray lava</td><td> </td><td> </td></tr><tr><td> </td><td>146</td><td>154</td><td>Red cinders</td><td> </td><td> </td></tr><tr><td> </td><td>154</td><td>162</td><td>Gray lava</td><td> </td><td> </td></tr><tr><td> </td><td>162</td><td>192</td><td>Brown rhyolite broken</td><td> </td><td> </td></tr><tr><td> </td><td>192</td><td>205</td><td>Brown rhyolite broken</td><td> </td><td> </td></tr><tr><td>10</td><td>205</td><td>211</td><td>Brown clay</td><td> </td><td> </td></tr><tr><td> </td><td>211</td><td>237</td><td>Gray lava</td><td> </td><td> </td></tr><tr><td> </td><td>237</td><td>262</td><td>Brown clay</td><td> </td><td> </td></tr><tr><td> </td><td>262</td><td>292</td><td>Blue clay</td><td> </td><td> </td></tr><tr><td> </td><td>292</td><td>304</td><td>Broken gray lava</td><td> </td><td> </td></tr><tr><td> </td><td>304</td><td>330</td><td>Red and black cinders</td><td> </td><td> </td></tr></tbody></table> Drilled 16 inch well to 292 ft. Pulled out 88 ft. of 16 inch casing. Back filled 88 ft. of clay and drilling mud		Hole Diam.	Depth		Material	Water		From	To	Yes	No	16	0	88	Clay				88	103	Gray lava				103	131	Reddish brown lava				131	146	Gray lava				146	154	Red cinders				154	162	Gray lava				162	192	Brown rhyolite broken				192	205	Brown rhyolite broken			10	205	211	Brown clay				211	237	Gray lava				237	262	Brown clay				262	292	Blue clay				292	304	Broken gray lava				304	330	Red and black cinders		
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4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																																																																																	
5. WELL CONSTRUCTION Diameter of hole <u>16</u> inches Total depth <u>330</u> feet Casing schedule: ☒ Steel ☐ Concrete <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>1/4</u> inches</td><td><u>10</u> inches</td><td><u>+1</u> feet</td><td><u>291</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><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 Size of perforation _____ inches by _____ inches <table border="1"><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 _____ Model No. _____ Type _____ 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 <u>18</u> Material used in seal ☐ Cement grout ☒ Pudding clay ☐ Wall cuttings Sealing procedure used ☐ Slurry pit ☐ Temporary surface casing ☐ Overbore to seal depth		Thickness	Diameter	From	To	<u>1/4</u> inches	<u>10</u> inches	<u>+1</u> feet	<u>291</u> feet																	Number	From	To																																																																					
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6. LOCATION OF WELL Sketch map; location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Jefferson</u> <u>6N</u> <u>34E</u> SE <u>17</u> T. <u>6N</u> N/R. <u>34E</u> E/W		10. Work started <u>10/16/74</u> finished <u>11/1/74</u>																																																																																															
		11. DRILLERS CERTIFICATION Firm Name <u>E. P. Cope Well Drill</u> Firm No. <u>28</u> Address <u>Rt3 Box 470 Idaho Falls, Ida.</u> <u>1/7/75</u> Signed by (Firm Official) <u>[Signature]</u> and <u>[Signature]</u> Operator																																																																																															

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

MICROFILMED

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 31-7146 Priority November 15, 1974 Amount 2.23 cfs

THIS IS TO CERTIFY, that City of Mud Lake
of Terreton, Idaho, has complied with the terms and conditions of Permit
No. 31-7146 issued pursuant to Application for Permit dated November 15, 1974,
and has submitted proof to the Department of Water Resources on November 16, 1979,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 2.78 cfs of water from a groundwater source,
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
<u>Municipal</u>	from <u>January 1</u> to <u>December 31</u>	at <u>2.23</u> cfs and	<u>N/A</u>
<u>Fire Protection</u>	from <u>January 1</u> to <u>December 31</u>	at <u>2.23</u> cfs and	<u>N/A</u>
_____	from _____ to _____	at _____ cfs and	_____

(both dates inclusive)

Subject, however, to the condition that no more than 2.23 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
N/A acre feet per year, said waters to be diverted within the SE 1/4 SE 1/4 Section 17,
Twp 6N, Rge 34E in the County of Jefferson

Description and location of 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	
			P/U WITHIN CITY LIMITS OF MUD LAKE, IDAHO.																

Total number of acres irrigated _____

CONDITIONS OF APPROVAL

a. Modifications to or variance from this license must be made within the limits of Section 42-222, **Idaho Code**, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.

c. Any water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water other than hydropower, within the State of Idaho initiated later in time than the priority of this license.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 28TH day of AUGUST, 19 86.

Acting for the Director

Norman C Young

MICROFILMED

31 7146

Identification No. _____

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

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

1. Name of applicant City of Mud Lake Phone: 663-4537
 post office address c/o Ray Cope, Mayor, Terreton, Idaho
2. Source of water supply ground water which is a tributary of _____
3. a. Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 17 Township 6N
34E B.M. Jefferson County; additional points of diversion if any: _____

- b. If water is not consumed, it will be discharged into _____ 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 2.23 for Fire and Municipal purpose from Jan. 1 to Dec. 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. 2.23 cubic feet per second and/or
 b. _____ acre feet per annum.
6. Proposed diverting works:
 a. Description of ditches, flumes, pumps, headgates, etc. Well, pump and 5000 gal. storage tank

- 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 _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years.
 b. Estimated construction cost is \$ 4,700.00.
8. Description of proposed uses:
 a. If water is **not** for irrigation: SEE ITEM 8B
 (1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
 Range _____ B.M. _____
 (2) Amount of power to be generated: _____ hp under _____ feet of head.
 (3) List number of each kind of livestock to be watered _____

 (4) Name of municipality to be served City of Mud Lake, or number of families to be supplied with domestic water 58.
 (5) If water is to be used for other purposes describe: Fire protection and standby supply

RECORDED
INDEXED

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	
6N	34E	16											X						
"	"	17													X		X	X	
"	"	20	X																
"	"	21					X												

Total number of acres to be irrigated _____

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

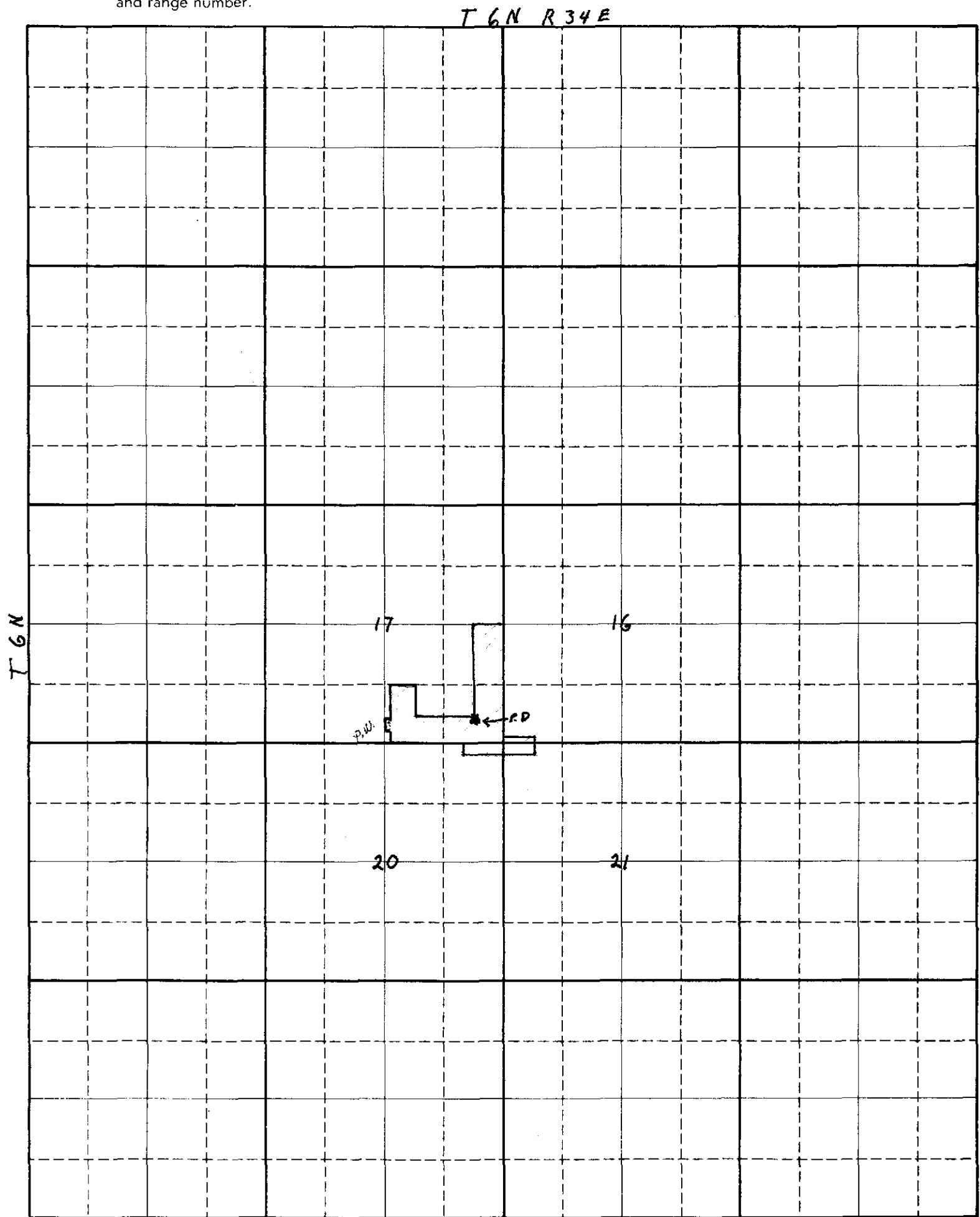
9. a. Who owns the property at the point of diversion Applicant

b. Who owns the land to be irrigated or place of use Residents of Mud Lake

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 permit covers water from the city well now is use plus water to be supplied by the additional well and pump

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile

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.

City of Mud Lake
(Applicant)
Ray Cape May

Proposed Priority 11-15-1974

Received by MB Date 11-15-74 Time 10:55A
Preliminary check by ROC Fee \$ 45.00
Receipted by MB Date 11-15-74 # 13157
Publication prepared by MB Date 11-15-74
Published in Right Star
Publication dates 11/21 + 11/28/74
Publication approved MB Date 12-11-74
Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by ROC for BDF

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 31-7146, and said application is hereby APPROVED.

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

- SUBJECT TO ALL PRIOR WATER RIGHTS.
- Proof of construction of works and application of water to beneficial use shall be submitted on or before January 1, 19 80.
- Other: _____

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

Witness my hand this 2 day of January 19 75.

R. Karl Hjort
Director

Affidavit of Publication

THE RIGBY STAR

RECEIVED

DEC 11 1974

Department of Water Resources
Eastern District Office

STATE OF IDAHO, }
County of Jefferson } ss.

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Two Consecutive issues thereof; first publication having been made on the
_____ *21st* day of *November*, 19*74*

and the last publication on the

_____ *28th* day of *November*, 19*74*

And affiant further says that at the times herein mentioned said newspaper was made up of at least four pages of at least five columns each printed from type matter of at least seventeen and three-fourths inches depth, and that there are at least two hundred bonafide subscribers in Jefferson County.

Hope B Jones

Subscribed in my presence and sworn to before me this *10th*

day of *Dec.*, 19*74*
(SEAL)

R. H. Hamm
Notary Public for the State of Idaho.
Residence and P. O. Address, Rigby, Idaho.

My commission expires _____, 19____

Publication Fee: \$ *11.99*

MY COMMISSION EXPIRES JULY 15, 1977

NOTICE OF APPLICATION FOR WATER PERMIT
Notice is hereby given that City of Mud Lake, Mud Lake, Idaho, has on November 15, 1974 submitted Application No. 31-7146 for a permit to appropriate 2.23 cubic feet per second of water from a ground-water source by means of well and pump within the SE1/4SE1/4, Sec. 17, T. 6N, R. 34E, B.M. Jefferson County; to be used from January 1 to December 31 for fire and municipal purposes within the SW1/4SW1/4, Sec. 16, E1/4SE1/4, SW1/4SE1/4, Sec. 17, NE1/4NE1/4, Sec. 20, NW1/4NW1/4, Sec. 21, T. 6N, R. 34E, 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 Resources, 1000 Main Road, Idaho Falls, Idaho, 83401 on or before December 9, 1974.
R. SMITH HIGGINSON
Director
Published in The Rigby Star, Rigby Idaho _____ and November 28, 1974.

RECEIVED

Drilling Permit No. 31-90-E-013Water Right Permit No. A31071Injection Permit No. 31-07146State of Idaho
Department of Water Resources

RECEIVED

JUN 11 1990

DRILLING PERMIT

Department of Water Resources

Applicant City of Mud LakeMailing Address P.O. Box 41Terreton, ID 83450 Telephone (208) 663-4330☒ Well Owner ☐ Well Operator ☐ Other, specify _____Proposed well location SE 1/4 SE 1/4, or Gov't lot No. _____,Sec. 17, Twp. 6 N, Rge. 34 E, County Jefferson,Street Address of Well Site 1507 N 1100 E,

Lot, block and subdivision _____

Proposed use of well:

- ☐ Single family or stockwater use (less than 13,000 gallons per day)
- ☐ Irrigation (more than 1/2 acre)
- ☐ Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____

☒ Other (describe fully) City Well

Well construction information:

A. ☐ New well ☐ Deepen ☒ Replace - See Condition 9.B. Proposed surface diameter 16 Maximum depth 600 feet

C. Anticipated bottom hole temperature:

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

Construction Start Date June 11, 1990Anticipated Well Driller Andrews Well Drilling

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

Applicant's signature Donald P. Wilde Date 6-6-90Title Mayor

(Owner, Firm Representative, Other)

is \$10 for single family domestic. Other uses may be up to \$100

ACTION OF DEPARTMENT OF WATER RESOURCES

This Permit is Approved Date 6-9-90

If approved, this permit authorizes the construction 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 the approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
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°F 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:

 REGIONAL MANAGER
Signature of Authorized Department Representative Title

Receipt No. E014764 Received by HWT Fee 100.00 Date 6-7-90

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

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



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

September 4, 1986

RE: Permit No. 31-7146

City of Mud Lake
c/o Mayor D. Wilde
Terreton, ID 83450

Gentlemen:

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

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

JJ:sc

Enclosure

MICROFILMED

State of Idaho
DEPARTMENT OF WATER RESOURCES
WATER RIGHT BENEFICIAL USE FIELD REPORT

RECEIVED

31-7146
Permit No.

NOV 15 1984

CONTACT WITH PERMIT HOLDER

☐ Appointment letter mailed:

☐ Telephone call made

(List Telephone No. used)

☐ Appointment scheduled for:

(Date, time, location)

DATE

INITIALS

REMARKS

Department of Water Resources

EXAMINATION

Date NA Accompanied by Ellen Seedall Total Q measured 2.28 cfs ^{theoretical} ✓

Source Groundwater Tributary to _____ Supp. annubar measurement sheet used? _____

If source is surface water, estimate total flow of source _____

Methods of measurement Theoretical Meets permit requirements? _____

Measurement calculations: $100 \text{ hp} = \frac{Q(62.4)(240' \cdot 1.12)}{550}$ $Q(\text{cfs}) = \frac{100 \text{ hp}(8.814)}{\text{TOH}(240')}$ ^{(.82) (.925)}
 $Q = 2.23 \text{ cfs}$ $Q = 2.28 \text{ cfs}$ ✓

* allow 2.23 cfs $100 \text{ hp} = \frac{14976 Q}{550}$ $Q = \frac{27.23 \text{ cfs}}{100 \text{ hp}}$ $Q = 2.78 \text{ cfs}$ ✓

WELL/DIV. NO.	HP	MOTOR MAKE	MOTOR SERIAL NO.	PUMP MAKE	PUMP SERIAL NO.	MEASURING DEVICE TYPE	CONDITION OF MEAS. DEVICE	REMARKS
	100	US. EL. Motor	JD 0993	NA				
			00651 85-1177					

System Description well pump thru mainline + flow meter (McGraw-Hill #76-8-325)
to homes in Mud Lake. This unit used for backup only.
Applicants did not want to turn unit on for field agent (John Cowley)
because of expense involved. Theoretical was then used for
flow determination

* Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

Irrigation requirement = _____ AFA/Acre

USE

Q (cfs)

V (afa)

FROM

TO ✓

Municipal

2.23

N/A

1-1 ✓

12-31

Fire Protection

2.23

N/A

1-1

12-31

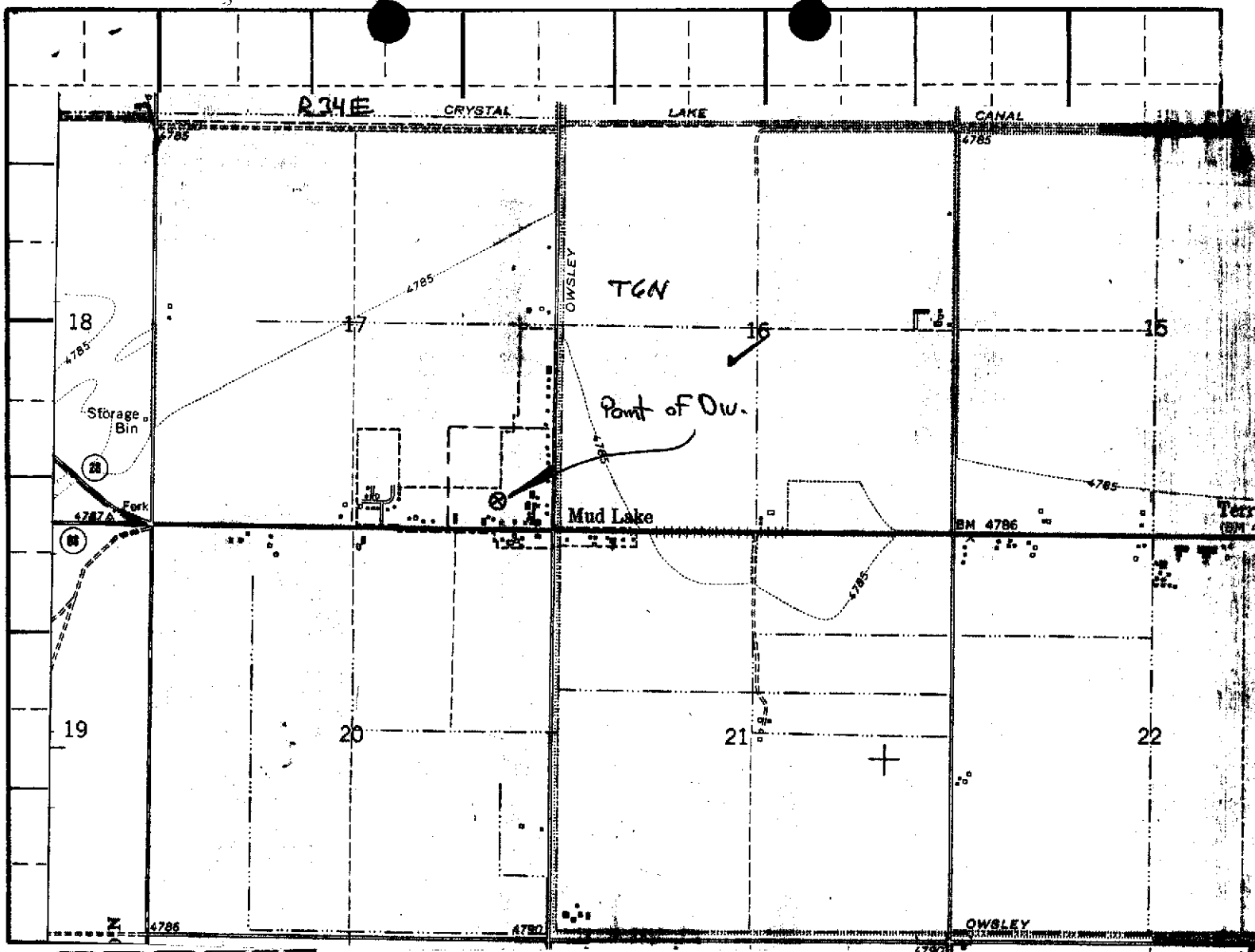
Total

2.23

N/A

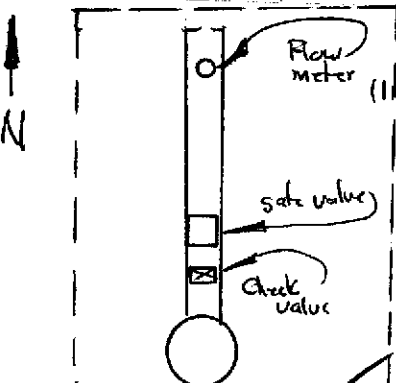
Remarks Permit specifies POU by 1/4 of 1/4 but I listed POU as
city of Mud Lake since applic was for Municipal
use. ✓

MICROFILMED



SCHEMATIC DIAGRAM OF SYSTEM

(Include distance from pump to measuring device, if applicable.)



8' Diam
33' long
Storage tank

Point(s) of diversion: SE SE Sect. 17 T 6N R 34E

Place(s) of Use

City of Mud Lake

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

Recommended Amendments:

- ☐ Change P.D. as reflected above
☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
☐ Add P.U. as reflected above

- ☒ None
☐ Other

Examiner's Signature

HW Jones for J. Carlson
Keith Wilson

Checked by

Approved by

K. Walker

Date

Date

Date

5-25-84

13 Nov 1984

7/29/86

MICROFILMED

LARGE PUMP THEORETICAL CAPACITY

$$Q = \frac{HP (8.814) (Pump\ Eff.) (Motor\ Eff.)}{TDH}$$

ASSUMPTIONS:

1. Nameplate Hp is Electrical Hp.
2. Pump Eff. Ranges 80% to 85%
(Pump Eff. = 82%)
3. Motor Eff. From Chart
4. Total Dynamic Head (TDH) $\approx 240'$
assumed to be at bowl setting
since:
 1. Unknown Static H₂O
Level
 2. Unknown Draw down
 3. Other Losses difficult
to calculate

MICROFILMED

3 Phase 60 Cycles
230,460,575 Volts
40°C. Ambient-60°C
Rise WP-1

HOLLOSHAFT & SOLIDSHAFT MOTORS
TYPICAL OPERATING CHARACTERISTICS

RPM			EFFICIENCY			% POWER FACTOR			CURRENT IN AMPERES* 460 VOLTS	
HP	NO LOAD	FULL LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED LOAD (STARTING)
75	3600	3535	90.5	92.0	92.0	89.0	89.0	86.0	90.0	525.0
	1800	1770	91.5	92.5	92.5	87.0	84.5	78.0	91.0	594.0
	1200	1175	89.5	91.0	91.0	87.5	85.0	78.5	92.0	576.0
	900	880	89.0	90.5	91.0	82.0	79.0	70.0	99.0	520.0
100	3600	3540	92.5	93.5	94.0	88.5	87.5	83.6	117.0	745.0
	1800	1775	91.0	92.5	92.5	84.0	81.5	74.0	124.0	685.0
	1200	1170	91.5	92.5	93.0	85.5	84.0	79.0	123.5	690.0
	900	880	89.0	91.0	91.5	81.5	77.0	67.0	133.0	740.0
125	3600	3545	92.5	93.5	93.5	90.5	89.5	86.0	143.0	1045.0
	1800	1775	92.0	93.0	93.5	86.5	85.0	80.0	150.0	934.0
	1200	1175	91.5	93.0	93.0	86.0	85.0	81.0	153.5	865.0
	900	875	89.5	91.1	91.3	82.5	78.0	68.0	158.0	963.8
150	3600	3545	94.0	94.5	94.5	91.0	90.0	86.0	170.0	1325.0
	1800	1770	92.0	93.0	93.0	87.5	86.0	80.0	180.0	1051.0
	1200	1175	92.5	93.5	93.5	84.5	82.0	74.0	178.0	1077.0
	900	885	91.5	92.2	91.7	82.5	78.0	68.0	186.0	1172.0
200	3600	3550	92.0	92.5	92.0	91.0	90.5	87.0	230.0	1490.0
	1800	1770	92.5	93.5	93.5	87.0	84.5	77.5	238.0	1645.0
	1200	1180	91.5	92.2	91.8	87.0	85.5	80.0	235.0	1575.0
	900	885	91.7	92.4	92.0	83.5	81.0	72.5	245.0	1544.0
250	3600	3545	93.0	93.3	92.7	89.1	87.9	83.7	278.0	1815.0
	1800	1770	93.0	93.5	93.0	87.3	84.9	78.1	284.0	1825.0
	1200	1180	91.2	91.9	91.5	87.5	86.0	81.0	293.0	1904.0
	900	885	92.1	92.8	92.6	84.0	81.0	72.5	303.0	1894.0
300	1800	1770	91.6	92.3	91.8	89.5	88.0	84.0	343.0	2195.0
	1200	1175	92.3	93.2	93.2	87.5	86.5	81.5	348.0	2332.0
	900	880	92.3	92.6	92.8	88.5	87.5	82.0	344.0	2064.0
	1800	1775	92.0	92.7	91.8	89.5	88.0	82.0	398.0	2587.0
350	1200	1180	91.7	92.0	91.1	88.0	86.0	80.0	406.0	2720.0
	900	880	92.6	92.9	93.0	88.5	87.5	81.5	400.0	2560.0
	1800	1770	92.1	92.8	92.6	89.0	88.0	84.0	457.0	2788.0
	1200	1180	91.7	92.0	91.2	88.0	86.0	80.0	464.0	2900.0
400	900	880	92.2	92.3	92.2	86.5	84.0	77.0	470.0	2773.0
	1800	1770	92.5	93.2	92.9	89.5	88.0	84.0	509.0	3181.0
	1200	1180	91.9	92.2	92.7	88.0	86.0	80.0	521.0	3256.0
	900	880	92.2	92.3	92.2	85.0	81.5	73.0	538.0	3362.0
500	1800	1775	93.1	93.8	93.7	89.5	88.0	82.5	562.0	3793.0
	1200	1180	92.0	92.3	91.9	88.0	86.0	80.5	578.0	3757.0
	900	880	91.5	92.3	92.1	85.0	81.5	73.5	602.0	3461.0

MICROFILMED

3 Phase 60 Cycles
230,460,575 Volts
40°C. Ambient-C.Rise WP-1

HOLLOSHAFT & SOLIDSHAFT MOTORS
TYPICAL OPERATING CHARACTERISTICS

HP	RPM		EFFICIENCY			% POWER FACTOR			CURRENT IN AMPHERES 460 VOLTS	
	NO LOAD	FULL LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	LOCKED STARTING
2	900	860	75.0	74.5	70.0	68.0	60.0	47.5	3.9	18.0
	1800	1720	80.0	79.5	75.5	81.0	72.5	59.5	4.4	32.0
3	1200	1155	78.5	78.0	75.0	69.0	61.0	49.0	5.4	23.0
	900	860	78.5	79.0	75.5	67.5	59.0	46.0	5.8	30.5
5	3600	3480	81.0	82.0	80.5	86.0	80.5	69.5	6.9	45.0
	1800	1725	81.5	82.0	79.5	84.0	76.5	63.5	7.0	47.0
7 1/2	1200	1160	81.0	81.0	78.0	71.0	62.5	50.0	8.5	40.0
	900	875	80.5	80.0	77.0	72.0	64.0	51.0	8.2	44.0
10	3600	3460	84.0	85.0	84.0	88.0	84.0	75.5	9.8	63.0
	1800	1740	83.5	84.0	82.5	84.0	80.0	71.5	10.4	63.5
15	1200	1170	83.0	83.5	81.0	80.5	74.0	61.5	10.5	63.0
	900	875	80.5	80.5	77.5	71.5	63.0	50.5	12.5	63.0
20	3600	3500	83.5	84.0	83.0	87.0	84.0	76.5	13.4	79.0
	1800	1740	86.5	87.0	85.5	81.0	75.0	64.0	13.3	82.0
25	1200	1165	82.5	82.5	80.0	78.5	70.0	57.0	14.0	80.0
	900	875	86.0	86.5	84.5	72.0	65.0	53.0	15.5	81.0
30	3600	3485	85.0	86.5	86.0	88.5	87.0	82.0	19.5	112.0
	1800	1765	85.5	86.5	85.0	81.0	73.5	61.5	20.5	112.0
40	1200	1160	87.5	89.0	89.0	85.0	82.0	74.5	19.4	115.0
	900	870	86.0	87.5	86.5	75.5	69.5	58.5	22.5	116.0
50	3600	3515	85.5	87.0	87.0	89.0	87.5	82.5	25.4	145.0
	1800	1765	88.0	89.0	89.0	85.0	82.5	75.0	26.0	143.0
60	1200	1160	88.0	89.5	89.0	85.0	81.5	74.0	25.8	145.0
	900	880	85.0	86.5	86.0	74.5	69.0	57.0	30.5	140.0
75	3600	3510	89.0	90.0	89.0	88.5	87.0	81.0	30.4	172.0
	1800	1755	88.5	90.0	89.5	83.0	78.5	68.5	32.5	180.0
100	1200	1180	85.5	87.0	86.5	84.0	79.0	68.0	33.5	193.0
	900	880	86.0	88.0	87.5	77.0	72.0	61.0	36.5	175.0
125	3600	3510	89.5	90.5	89.5	87.5	85.0	78.0	37.0	218.0
	1800	1755	89.0	90.0	89.5	80.5	75.0	63.5	40.0	217.0
150	1200	1175	86.5	88.5	89.5	86.0	84.0	78.0	38.5	215.0
	900	880	88.0	89.5	89.5	75.0	70.0	59.5	43.5	205.0
200	3600	3515	90.0	91.0	90.0	86.5	83.0	75.0	48.5	310.0
	1800	1770	88.0	89.5	89.0	86.0	82.0	73.0	51.0	292.5
250	1200	1175	87.5	89.5	90.0	84.5	81.0	72.0	52.0	292.0
	900	875	88.0	90.0	90.0	76.0	71.5	61.0	57.5	280.0
300	3600	3540	88.0	89.5	89.0	87.0	84.5	78.0	63.0	350.0
	1800	1765	89.0	90.5	90.5	84.5	81.0	72.0	64.0	339.5
350	1200	1170	88.0	90.5	91.0	85.0	83.0	76.5	64.0	370.0
	900	875	88.5	90.0	90.0	80.0	76.0	67.0	68.0	325.0
400	3600	3540	89.5	91.0	91.0	89.0	89.0	86.0	72.5	410.0
	1800	1770	90.0	91.0	91.0	86.0	83.0	75.0	75.0	454.5
500	1200	1175	88.5	90.0	89.5	85.5	82.0	72.5	76.0	460.0
	900	875	89.0	90.5	90.5	80.5	77.0	68.0	80.5	410.0

MICROFILMED

Shown and discussed by Ellen Seedall

Walt Bone 526-6346 31-7146 City of Mud Lake
663-4536

65 tones

population 235

New Well SESE Sea

supplemental

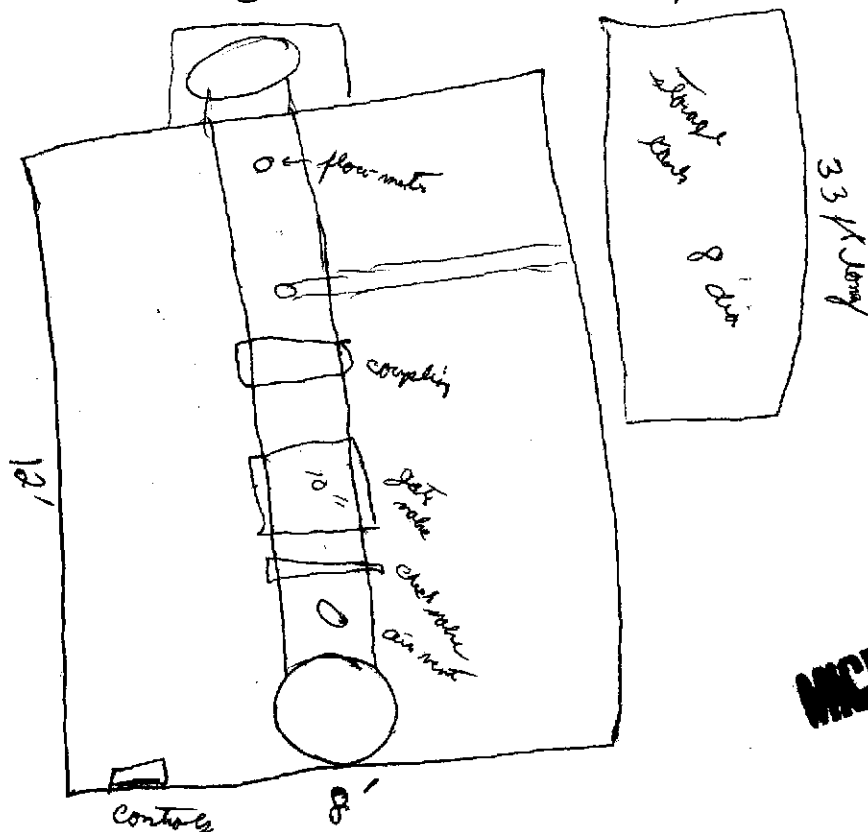
U.S. Electric Motors

High Thrust 100 hp.

IP # C9983-00631 85-11797

A Green pump unknown make

The Comets 76 8 325 total pump used for .292 AF



MICROFILMED

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

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>City of Mid Lake</u> <u>Terreton, Idaho</u> Address _____ Owner's Permit No. <u>21-2146</u>		7. WATER LEVEL Static water level <u>150</u> 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☒ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☐ Baker ☐ Other Discharge G.P.M. _____ Draw Down _____ Return Pumped _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) _____ ☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole Stem.</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>16</td><td>0</td><td>80</td><td>Clay</td><td></td><td></td></tr><tr><td></td><td>80</td><td>100</td><td>Gray-Lava</td><td></td><td></td></tr><tr><td></td><td>100</td><td>131</td><td>Reddish-brown-Lava</td><td></td><td></td></tr><tr><td></td><td>131</td><td>144</td><td>Gray-Lava</td><td></td><td></td></tr><tr><td></td><td>144</td><td>151</td><td>Red-shale</td><td></td><td></td></tr><tr><td></td><td>151</td><td>160</td><td>Gray-Lava</td><td></td><td></td></tr><tr><td></td><td>160</td><td>170</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>170</td><td>182</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>182</td><td>190</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>190</td><td>200</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>200</td><td>210</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>210</td><td>220</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>220</td><td>230</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>230</td><td>240</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>240</td><td>250</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>250</td><td>260</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>260</td><td>270</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>270</td><td>280</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>280</td><td>290</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>290</td><td>300</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>300</td><td>310</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>310</td><td>320</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>320</td><td>330</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>330</td><td>340</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>340</td><td>350</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>350</td><td>360</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>360</td><td>370</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>370</td><td>380</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>380</td><td>390</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>390</td><td>400</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>400</td><td>410</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>410</td><td>420</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>420</td><td>430</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>430</td><td>440</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>440</td><td>450</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>450</td><td>460</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>460</td><td>470</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>470</td><td>480</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>480</td><td>490</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>490</td><td>500</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>500</td><td>510</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>510</td><td>520</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>520</td><td>530</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>530</td><td>540</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>540</td><td>550</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>550</td><td>560</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>560</td><td>570</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>570</td><td>580</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>580</td><td>590</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>590</td><td>600</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>600</td><td>610</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>610</td><td>620</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>620</td><td>630</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>630</td><td>640</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>640</td><td>650</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>650</td><td>660</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>660</td><td>670</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>670</td><td>680</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>680</td><td>690</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>690</td><td>700</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>700</td><td>710</td><td>Gray-shale</td><td></td><td></td></tr><tr><td></td><td>710</td><td>720</td><td>Gray-shale</td><td></td><td></td></tr><tr><td>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USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

MICROFILMED



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES EASTERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

December 13, 1979

RE: Permit No. 31-7146

City of Mud Lake
Terreton, ID 83450

Dear Sirs:

We acknowledge receipt of the proof of beneficial use card submitted 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 eastern regional office.

Very truly yours,

JACKIE S. DENNING
Senior Clerk

cc: IDWR - State Office

MICROFILMED

DEPARTMENT OF WATER RESOURCES -

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 31-7146

Name(s) of Permit Holder: CITY OF MUD Lake - Mayor D. Wilde

Post Office Address: TERRETON, IDAHO 83450

Tel. No. 663-4569

Source of Water: Well

Extent of Use:

☒ Domestic	<u>65</u>	(number of households)
☐ Stockwater		(number and type of stock)
☐ Irrigation		(acres)
☐ Other		

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

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

Nov. 14, 1979
Date

A. Bare for D. Wilde
Signature of Permit Holder

MICROFILMED

CITY OF MUD LAKE
% Mayor D. Wilde
TERRETON, IDAHO 83450

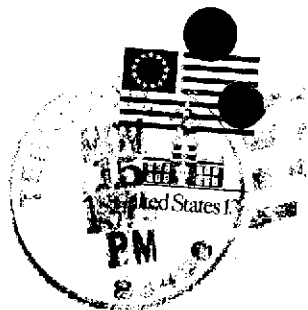
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NOV 16 1979



Department of Water Resources

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 384-2215

CITY OF MUD LAKE
C/O MAYOR RAY COPE
TERRETON, ID 83450

101439

OCTOBER 31, 1979

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 31-7146 WAS THAT EVIDENCE OF THE EXTENT OF DEVELOPMENT MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE JANUARY 01, 1980. (SEE LAST PAGE OF YOUR APPROVED PERMIT). ENCLOSED IS A POST CARD WHICH MAY 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 POST CARD 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 WITHIN 60 DAYS.

SINCERELY,

RITA FLECK
SR. SECRETARY

ENC: 1

MAILED

January 6, 1975

Re: Permit No. 31-7146

City of Mud Lake
c/o Ray Cope, Mayor
Terreton, Idaho 83450

Gentlemen:

Enclosed is a copy of your approved Application for Permit No. 31-7146. We direct your attention to the conditions of approval as listed on the fourth page.

Sincerely,

BOBBY D. FLEENOR
Chief, Water Rights

BDF:jfr

Enclosure

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

31 7148

Item Initial Date

Application No. _____

- ☒ Source
☒ Point of Diversion
☒ County
☒ Quantity of Water and Period of Use
☒ Description of Diverting Works
☒ Time required for B/U of water
☒ Place of Use or Acres Irrigated
☒ Map
☒ Signature
☒ Fee

(1) RDC 11/15/74

In form to receipt yes

(2) " "

Send Copies to:

- ☐ Idaho State Health Department
☐ Idaho Fish and Game Department
☐ Bureau of Land Management

(3) " "

☒ SHIRL BOYCE

- ☐ Request Special Use Permit from U.S.F.S.
☐ Request Easement from B.L.M.
☐ Request Information from Applicant

(4) " "

In form for advertising YES

(5) " "

Platted on Map No. _____

(6) " "

NAL Located within Water District No. _____

(7) " "

Critical groundwater area: yes _____ no ☒

(8) " "

Groundwater levels:

Declining, ☒ Stable, ☐ Increasing

(comment) WIB #27 9 bdat

(9) " "

Other rights on the same place of use

(10) _____

Comments: _____

(11) MB 12-11-74

Affidavit of Publication received(date) Dec 11, 1974

(12) " "

Final date for protests December 9, 1974

Protests received: yes _____ no ☒

(13) RDC 12/11/74

All requested information received from agencies or applicant: yes _____ no _____

(14) " "

Action recommended:

☒ Approve ☐ Deny

14/15/74 Proposed Priority

Reason for Reduction _____

No BDF

☒ Measuring device required

See attached sheet for other conditions of approval

No special conditions for approval

(15) District E

By RDC

Date 12/11/74

Copy

December 9, 1974

RE: Application for Permit No. 22-7112 Covington
" " " No. 25-7062 Cottle
" " " No. 31-7144 Place
" " " No. 31-7145 Place
" " " No. 31-7146 City of Mud Lake
Claim to a Water Right No. 31-4010 Zweifel

The Richy Star
Box 37
Richy, ID 83442

Gentlemen:

Would you please submit affidavits of publication and certified bills in connection with the above referenced applications. The legal notices were to have been published in your paper on November 21 and November 28, 1974.

Your cooperation in this matter is greatly appreciated.

Very truly yours,

RONALD D. CARLSON
Acting District Engineer

RDC:MB

RECEIVED
DEC 11 1974
DISTRICT ENGINEER

November 15, 1974

RE: Application for Permit No. 31-7146

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 a copy of an application that may be of interest to your agency. Please review the application and if you have any comments, please submit them to our Department as soon as possible. The last date of protest is December 9, 1974 and we are required to take final action shortly thereafter.

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

Very truly yours,

RONALD D. CARLSON
Acting District Engineer

RDC:CW

Enclosure

11 1974

November 15, 1974

Honorable Mayor Ray Cope
City of Mud Lake
Terreton, Idaho 83450

Dear Sir:

Attached herewith is departmental receipt No. 13157 in the amount of \$45.00
for your application for permit.

Very truly yours,

RONALD D. CARLSON
Acting District Engineer

RDC:CW

Attachment

XXXXXXXXXXXXXXXXXXXXX RESOURCES

November 15, 1974

RE: Application for Permit No. 31-7146 - CITY OF MUD LAKE

Rigby Star
P.O. Box 37
Rigby, Idaho 83442

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,

RONALD D. CARLSON
Acting District Engineer

Bill submitted 12-11-74 by MB

RDC:CW

Enc: Legal Notice (1)

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that City of Mud Lake,

Mud Lake, Idaho

has on 11/15/74 submitted Application No. 31-7146

for a permit to appropriate 2.23 cubic feet per second ~~acre feet per annum~~

of water from a ground-water source

by means of well and pump

within the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 17, T. 6N, R. 34E, B.M., Jefferson County;

to be used from Jan. 1 to Dec. 31

for fire and municipal purposes

within the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 16, E $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 17, NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 20, NW $\frac{1}{4}$ NW $\frac{1}{4}$,

Sec. 21, T. 6N, R. 34E, 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 Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before _____

December 9, 1974

R. KEITH HIGGINSON

Director

Published in the Rigby Star, Rigby, Idaho

on November 21 and November 28, 1974.

MB-4

Dear Sir:

The original well at the
city of Mud Lake 18 years
ago & no permit was required
at the time

It is located in the
SW $\frac{1}{4}$ of SE $\frac{1}{4}$ Sec 17 T.6 N.
Range 34 E Bm Jefferson Co.

Ray rope

RECEIVED

NOV 15 1974

Department of Water Resources
Eastern District Office

MICROFILMED

October 23, 1974

Mayor Ray Cope
City of Mud Lake
Terreton, ID 83450

Dear Sir:

This office is in receipt of the Application for Permit which you submitted for processing. However, we find it necessary to return it together with your check No. 92-328 in the amount of \$35.00. We have taken the liberty to retype the application from the information submitted on the original form. However, we were unable to find any record of a water right for the present city water supply, so the total amount to be diverted by both wells is included in this application. If the present city well is located in a different 40 acre tract than the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 17, please show the location as an additional point of diversion in Item 3a.

Please check the retyped form for correctness and make any changes you feel are necessary. If it is satisfactory, sign your name on page 3 indicating your title and return it to this office with the statutory filing fee of \$45.00 for the 2.23 c.f.s.

If you have any questions, please do not hesitate to contact us.

Very truly yours,

LOREN O. HOLMES
Asst. to District Engineer



LOH:mb

Enc: Check No. 92-328
App/permit
Retyped app.

