

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

see attached map

MICROFILMED

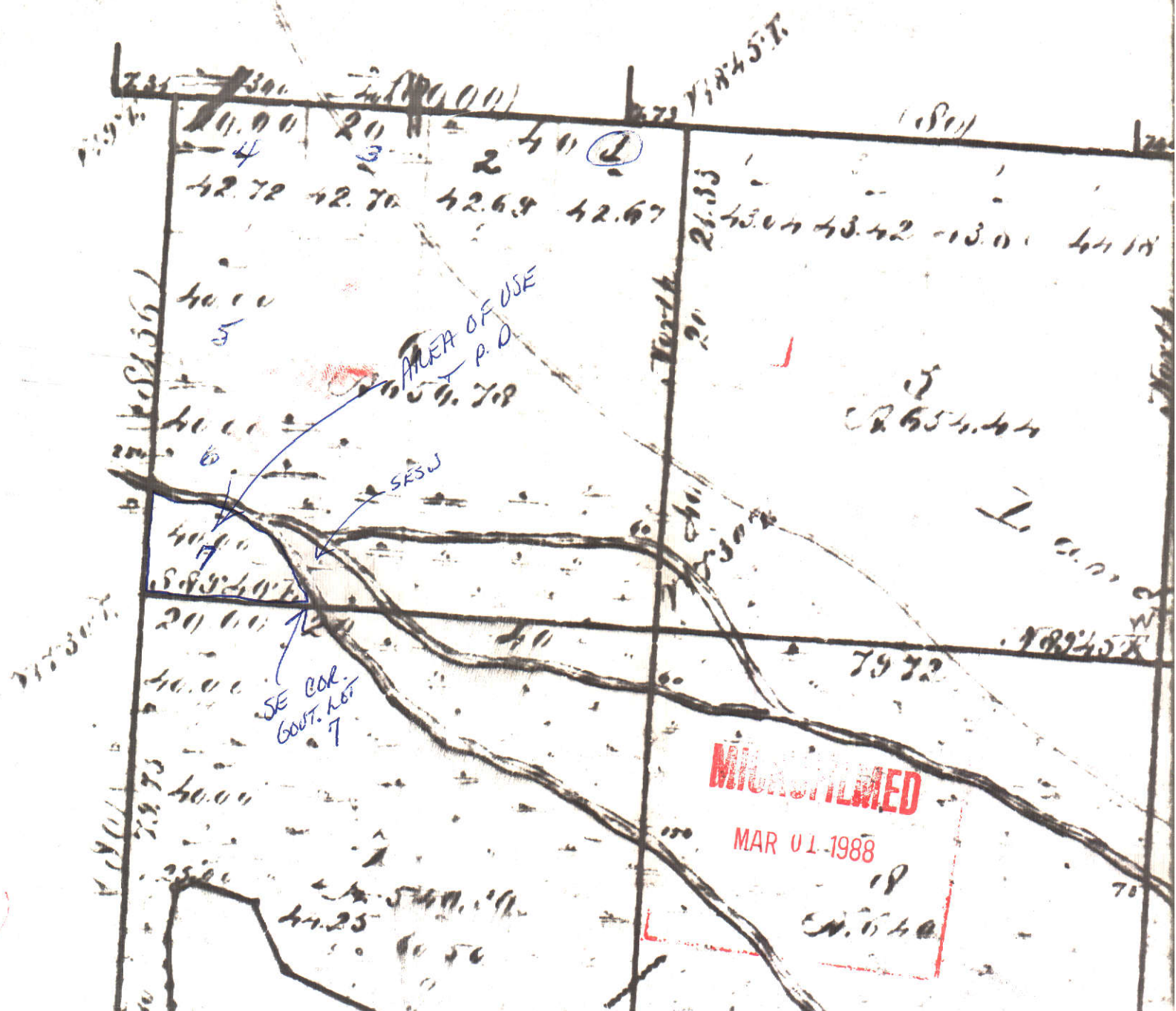
MAR 01 1988

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.

By GEORGE MENDENHALL, CHAIRMAN & CEO  
(Applicant)

Township No 5 North



# Township N<sup>o</sup> 5 North Range N<sup>o</sup> 5 West B.



STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**RECEIVED**  
APR 16 1992

Department of Water Resources

**A. GENERAL INFORMATION**

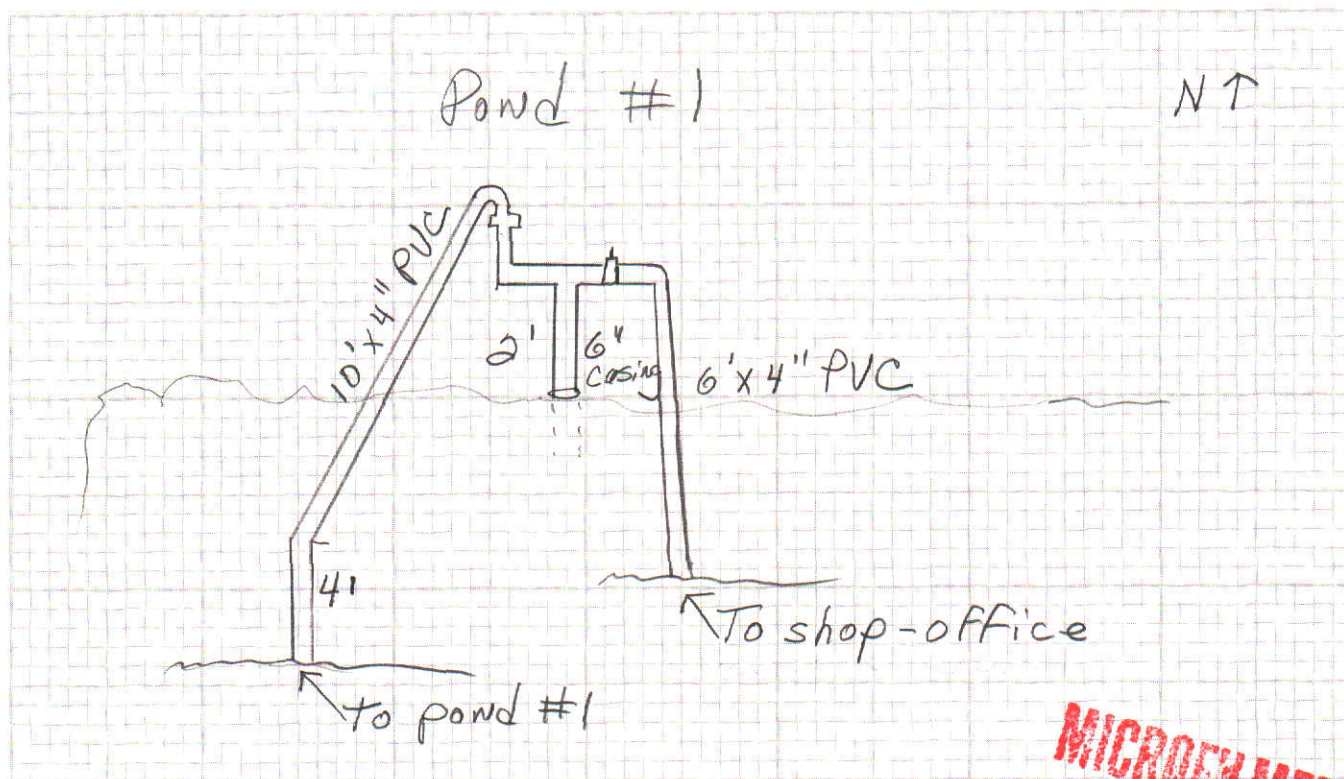
1. Owner: GME, Inc Permit No. 63-10473  
Current Address: 4242 S. Eagleson Rd. Suite 108, Boise Id. 83705 Phone No. 362-5588  
2. Accompanied by: George Mendenhall EXAM. DATE: 6-21-91  
Address: same Phone No. same  
Relationship to Permit Holder: owner  
3. Source: groundwater tributary to Boise River

**B. OVERLAP REVIEW**

1. Other water rights with same place of use: 63-00291, 63-00292, 63-00293  
63-5368 ☐ Copies Attached  
2. Other water rights with same point of diversion: None  
☐ Copies Attached ☐ Copies of Field Exam's Attached

**C. SYSTEM DESCRIPTION**

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached



Scale: 1" = not to scale

2. ☒ Copy of U.S.G.S. Quadrangle Attached  
Showing location(s) of point(s) of diversion and  
place(s) of use (required). ☐ Aerial Photo Attached  
(required for irrigation of 10 acres or more).  
☒ Photo of Diversion and System Attached  
(required for all but single household domestic groundwater, and stockwater).

**MICROFILMED**  
OCT 27 1992

**5 CH-225****5 HP****MODEL 5 CH-225  
PERFORMANCE CHARACTERISTICS****BOWL** CAST IRON or NI-RESIST — DIA. 5" O.D.**IMPELLER** BRONZE or NI-RESIST**DISCHARGE** 4" STANDARD**K FACTOR** 2.3**MAX. O.D. W/CABLE GUARD** 5 3/4"**BEARING** — CUTLESS RUBBER OR BRONZE

CHANGE EFFICIENCY AS FOLLOWS

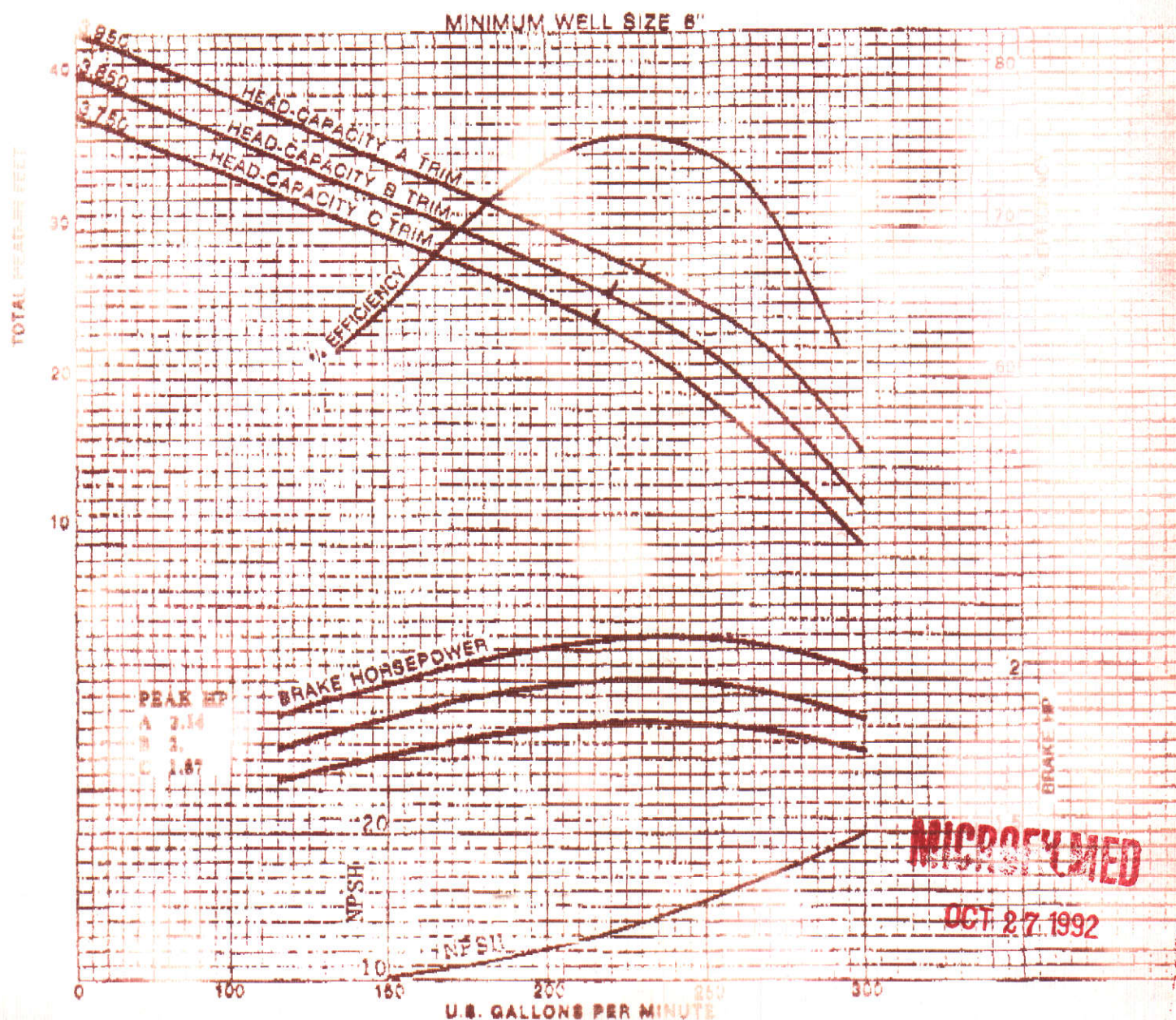
| No. of Points | No. of Stages |
|---------------|---------------|
| 3             | 1             |
| 2             | 2             |
| 1             | 3             |
| 0             | 4             |

**POWER:** ELECTRIC**CYCLE:** 60 Hz**R P M:** 3450**IMPELLER TYPE:** ENCLOSED**BOWL TYPE:** FLANGED**CURVE SHEET NO.** 1

**NOTE:** EFFICIENCY PERFORMANCE BASED ON CAST IRON BOWLS - POLISHED BRONZE IMPELLERS AND 6 FEET SUBMERGENCE.

THIS CHARACTERISTIC CURVE IS BASED ON FACTORY TESTS WHEN PUMPING CLEAR, FRESH, NON-AERATED WATER AT A TEMPERATURE NOT EXCEEDING 85° F. AND UNDER SUCTION CONDITIONS AS INDICATED.

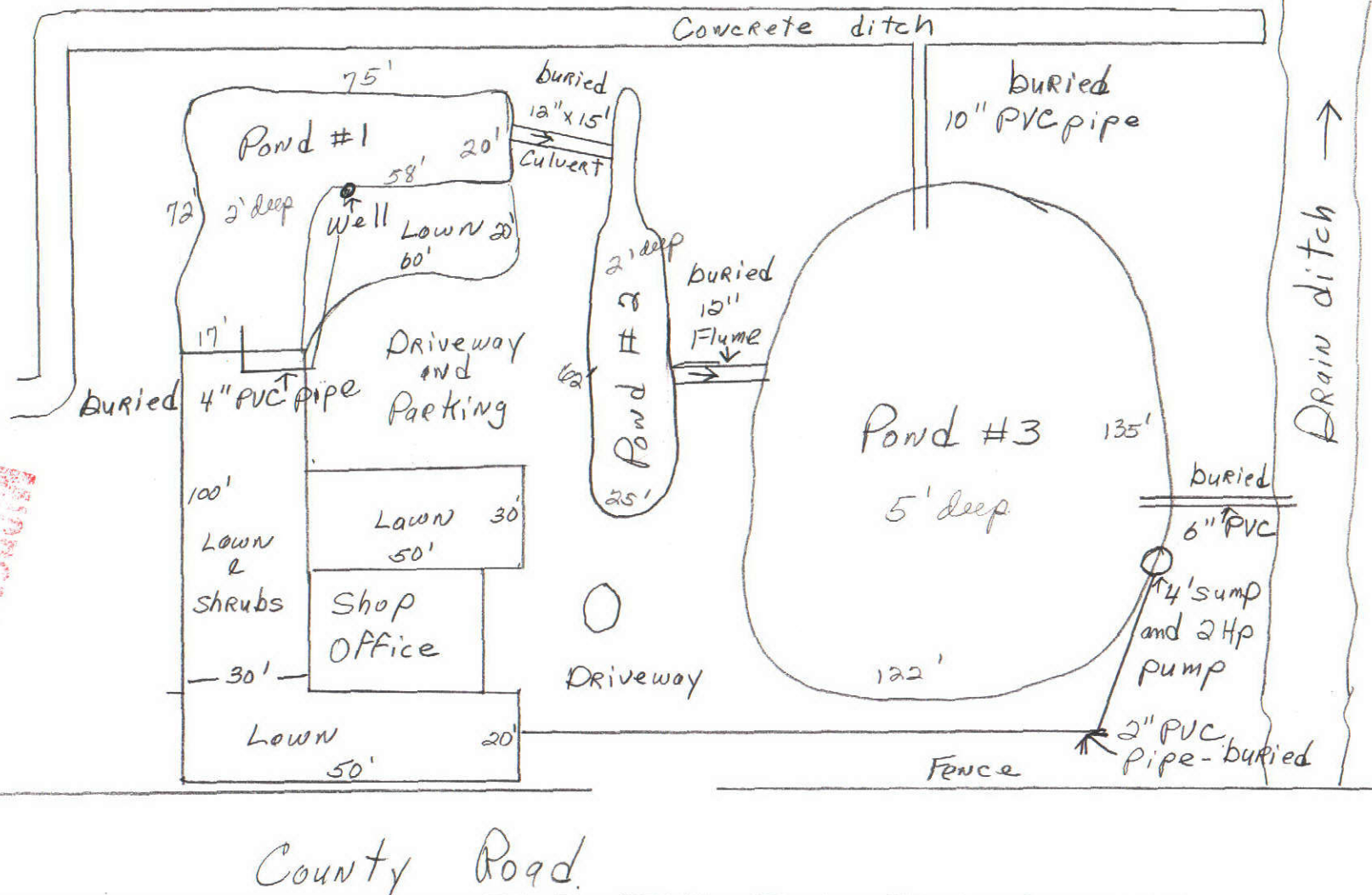
PUMP PERFORMANCE RATING IS FOR THE DESIGNATED POINT ONLY AND IS SUBJECT TO TEST TOLERANCES AND PROCEDURES AS SPECIFIED IN THE STANDARD OF THE HYDRAULIC INSTITUTE.



63-10473  
System Diagram

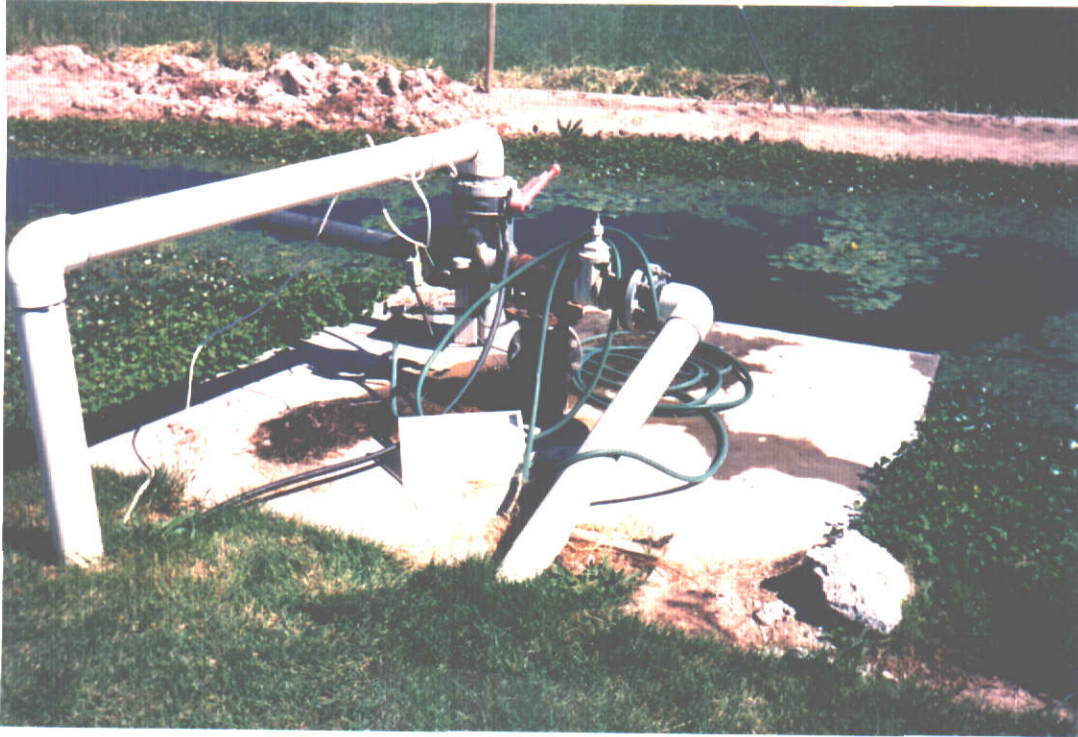
3.8 acre  
Irrigated Field

N ↑



Not to scale

63-10473



#1

P/D

Polysonic flow  
rate measurement  
taken at 4" PVC  
pipe located  
3' above ground  
level.



#2.

Discharge pipe  
into pond #1

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63-10473

#3

View of pond #1,  
and site of  
well



#4

View of 12" culvert  
between pond #1 and  
pond #2



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63-10473

#5

View of pond #2  
in foreground  
and pond #3  
in background.



#6.

12" rectangular  
flume to carry  
overflow from  
pond #2 to  
pond #3



PHOTOGRAPHED  
OCT 27 1992

63-10473



#7.

Overflow pipe from  
pond #3 to drain ditch.



#8

Site where overflow from  
pond #3 enters drain  
ditch.

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63-10473



#9  
Concrete flume with headgate  
that allows water to flow from  
pond #3 to irrigate field  
shown in picture # 10



#10.  
Irrigation  
P14

MICROFILMED  
OCT 27 1992

63-10473

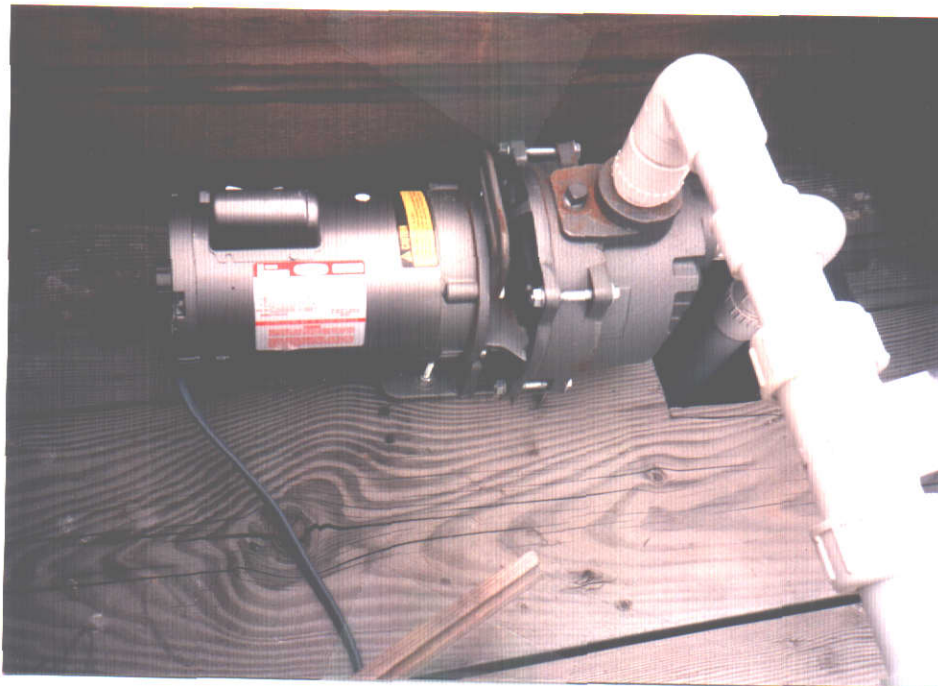
#11

Location of 2 Hp pump used to divert water from pond #3 to a sprinkler system used to irrigate lawn around the ponds and shop area.



#12

2 Hp pump used as part of lawn sprinkler system.



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#13  
PID - shop,  
office and  
living quarters.

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4852

2227

AVENUE

2263

2317

PERMIT 03-10473 INIT       

T. R. S. Q/Q

P/D 5N 5W 6 SWSW

SCALE       

PHOTO ID. W53

4851

32

Well  
2297

T 6 N

T 5 N

4850

T6N  
T5N

4849

47° 30"

P/D + P/U

4848

12

8

Sewage Disposal  
Ponds

4847

MICROFILMED

OCT 27 1992

PHOTO ID.

OCT 27 1992

Water draw down approx. 4 ft at 250 GPM's during 240 hour continued test run.

Water temperature at pump outlet is constant 74°F

These strata's produce in excess of 300 GPM

Static water level 2 ft. below surface

4" subm. pump set at 80'

100 ft. 8" grouted casing

6 inch casing to 530 ft.

Negligible water in these strata's

Artesian flow. Water temp. at well depth not taken. Surface temp. 74°F

TOP SOIL

BLUE CLAY

BLUE CLAY WITH STREAKS

SANDY BLUE CLAY

STICKY BLUE CLAY

FINE BLACK SAND

SANDY GRAVEL

PEA GRAVEL & SAND

HARD WHITE SANDSTONE

HARD BLUE SANDSTONE

HARD SHALE

HARD BLUE SHALE

HARD BLUE SHALE AND CLAY

COLD WATER

WARM WATER

74° F

NO WATER

NOTES:  
SCALE APROX. 1"=100 FT.

1030 ft.

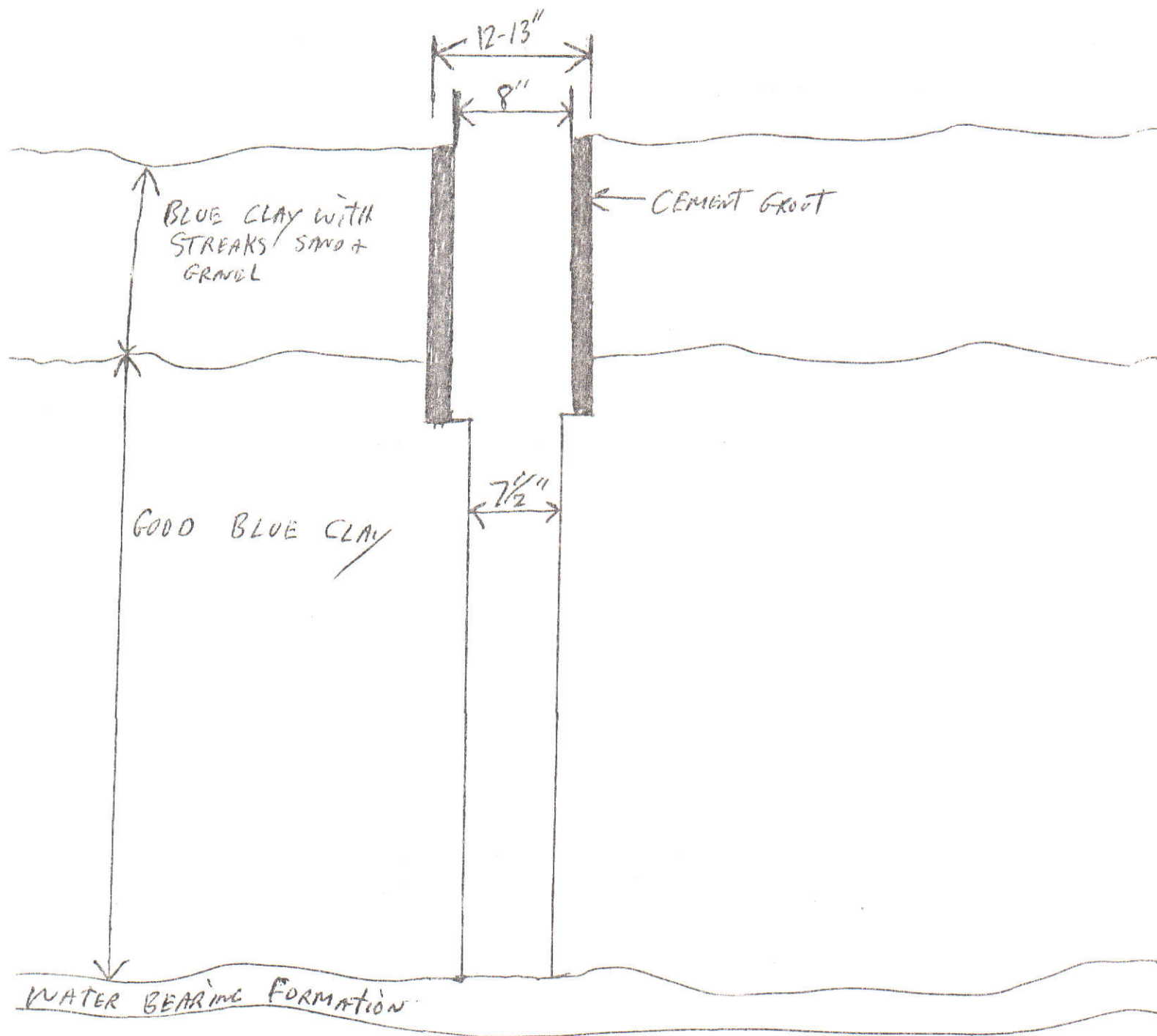
**RECORDED**

SEP 22 1989

**GME Inc** **RESEARCH DIVISION**

4252 South Eagleson Road  
Boise, Idaho 83705  
Tel: 362 5588

# PROBABLE WELL CONSTRUCTION



**MICROFILMED**

MAR 06 1963

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.

*Revised  
6-11-77  
D.W.H.  
J.H.H.*

**1. WELL OWNER**

Name City of Parma

Address Parma, Idaho

Owner's Permit No. 63-7437

**2. NATURE OF WORK**

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

**3. PROPOSED USE**

☐ Domestic ☐ Irrigation ☐ Test

☒ Municipal ☐ Industrial ☐ Stock

**4. METHOD DRILLED**

☐ Cable ☒ Reverse ☐ Rotary ☐ Dug ☐ Other

**5. WELL CONSTRUCTION**

Diameter of hole \_\_\_\_\_ inches Total depth 113 feet

Casing schedule: ☒ Steel ☐ Concrete

| Thickness    | Diameter     | From       | To         |
|--------------|--------------|------------|------------|
| _____ inches | _____ inches | _____ feet | _____ 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              |
|-------------------------|-----------------|-----------------|
| <u>100</u> perforations | <u>300</u> feet | <u>305</u> feet |
| <u>100</u> perforations | <u>305</u> feet | <u>310</u> feet |
| <u>100</u> perforations | <u>310</u> feet | <u>315</u> feet |

Well screen installed? ☒ Yes ☐ No

Manufacturer's name \_\_\_\_\_

Type Johnson Screen Model No. \_\_\_\_\_

Diameter 12 Slot size 50 Set from 233 feet to 253 feet

Diameter 10 Slot size 50 Set from 305 feet to 315 feet

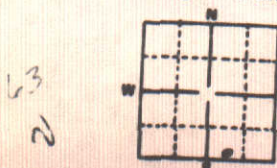
Gravel packed? ☐ Yes ☐ No Size of gravel \_\_\_\_\_  
Placed from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface seal? ☐ Yes ☐ No To what depth 85 feet

Material used in seal ☒ Cement grout ☐ Puddling clay

**6. LOCATION OF WELL**

Sketch map location must agree with written location.



County Canyon

SW 1/4 SE 1/4 Sec. 4 T. 5 N. R. 5 W.

**7. WATER LEVEL**

Static water level 80 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  |
|------------------|--------------------------|---------------|
| <u>2300</u>      | <u>80 to 230' = 150'</u> | <u>6 hrs.</u> |

**9. LITHOLOGIC LOG**

| Hole<br>Diam. | Depth |     | Material                 | Water |    |
|---------------|-------|-----|--------------------------|-------|----|
|               | From  | To  |                          | Yes   | No |
|               | 0     | 22  | Surface sand & hard pan  |       |    |
|               | 22    | 35  | gravel                   |       |    |
|               | 35    | 43  | breaking to red dry clay |       |    |
|               | 43    | 45  | green sandy clay         |       |    |
|               | 45    | 53  | blue clay fine           |       |    |
|               | 53    | 58  | brown fine sand          |       |    |
|               | 58    | 59  | blue sand                |       |    |
|               | 59    | 103 | blue clay                |       |    |
|               | 103   | 113 | blue clay                |       |    |
|               | 113   | 145 | red clay                 |       |    |
|               | 145   | 148 | black sand mica fine     |       |    |
|               | 148   | 150 | red clay                 |       |    |
|               | 150   | 160 | black silty clay         |       |    |
|               | 160   | 165 | red clay                 |       |    |
|               | 165   | 173 | brown clay               |       |    |
|               | 173   | 173 | red clay                 |       |    |
|               | 173   | 213 | green clay               |       |    |
|               | 213   | 223 | dark red hard gravel     |       |    |
|               | 223   | 233 | soft red clay            |       |    |
|               | 233   | 253 | fine black sand & mica   |       |    |
|               | 253   | 273 | red clay                 |       |    |
|               | 273   | 275 | green clay               |       |    |
|               | 275   | 283 | fine black sand          |       |    |
|               | 283   | 288 | red gravel & clay        |       |    |
|               | 288   | 290 | red clay                 |       |    |
|               | 290   | 300 | fine black sand          |       |    |
|               | 300   | 305 | red clay                 |       |    |
|               | 305   | 309 | red clay                 |       |    |
|               | 309   | 310 | fine black sand mica     |       |    |
|               | 310   | 323 | red clay                 |       |    |
|               | 323   | 325 | red clay                 |       |    |
|               | 325   | 335 | fine black sand          |       |    |
|               | 335   | 343 | red clay                 |       |    |
|               | 343   | 343 | clay fine black sand     |       |    |

**10.**

Work started May 13 finished June 5

**11. DRILLER'S CERTIFICATION**

This well was drilled under my supervision and this report is true to the best of my knowledge.

Cope Drilling

Driller's or Firm's Name

P.O. Box 561 - Meridian, Idaho

Address

By Cope

Signature

June 24

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

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.

**1. WELL OWNER**

Name City of Parma  
Address Parma, Idaho  
Owner's Permit No. 63-7437

**7. WATER LEVEL**

Static water level \_\_\_\_\_ 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**

| <input type="checkbox"/> Pump <input type="checkbox"/> Sailer <input type="checkbox"/> Other | Discharge G.P.M. | Draw Down | Hours Pumped |
|----------------------------------------------------------------------------------------------|------------------|-----------|--------------|
|                                                                                              |                  |           |              |
|                                                                                              |                  |           |              |
|                                                                                              |                  |           |              |

**3. PROPOSED USE**

☐ Domestic ☐ Irrigation ☐ Test  
☐ Municipal ☐ Industrial ☐ Stock

**9. LITHOLOGIC LOG**

| Hole<br>Diam. | Depth |     | Material                | Water |    |
|---------------|-------|-----|-------------------------|-------|----|
|               | From  | To  |                         | Yes   | No |
|               | 343   | 344 | alternate clay & sand   |       |    |
|               | 345   | 347 | red clay                |       |    |
|               | 348   | 370 | black sandstone I vel   |       |    |
|               | 370   | 383 | black sandstone         |       |    |
|               | 383   | 420 | dark red clay           |       |    |
|               | 420   | 423 | black fine sand         |       |    |
|               | 423   | 443 | red clay                |       |    |
|               | 443   | 450 | clay streaks w. stone   |       |    |
|               | 450   | 460 | red gravelly black sand |       |    |
|               | 460   | 470 | fine black sand         |       |    |
|               | 470   | 473 | sand                    |       |    |
|               | 473   | 474 | black sand              |       |    |
|               | 474   | 475 | black sand              |       |    |
|               | 475   | 476 | black sand              |       |    |
|               | 476   | 477 | black sand              |       |    |
|               | 477   | 478 | black sand              |       |    |
|               | 478   | 479 | black sand              |       |    |
|               | 479   | 480 | black sand              |       |    |
|               | 480   | 481 | black sand              |       |    |
|               | 481   | 482 | black sand              |       |    |
|               | 482   | 483 | black sand              |       |    |
|               | 483   | 484 | black sand              |       |    |
|               | 484   | 485 | black sand              |       |    |
|               | 485   | 486 | black sand              |       |    |
|               | 486   | 487 | black sand              |       |    |
|               | 487   | 488 | black sand              |       |    |
|               | 488   | 489 | black sand              |       |    |
|               | 489   | 490 | black sand              |       |    |
|               | 490   | 491 | black sand              |       |    |
|               | 491   | 492 | black sand              |       |    |
|               | 492   | 493 | black sand              |       |    |
|               | 493   | 494 | black sand              |       |    |
|               | 494   | 495 | black sand              |       |    |
|               | 495   | 496 | black sand              |       |    |
|               | 496   | 497 | black sand              |       |    |
|               | 497   | 498 | black sand              |       |    |
|               | 498   | 499 | black sand              |       |    |
|               | 499   | 500 | black sand              |       |    |

**4. METHOD DRILLED**

☐ Cable ☐ Rotary ☐ Dug ☐ Other

**5. WELL CONSTRUCTION**

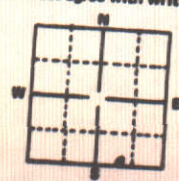
Diameter of hole \_\_\_\_\_ inches Total depth \_\_\_\_\_ feet  
Casing schedule: ☐ Steel ☐ Concrete  
Thickness \_\_\_\_\_ inches Diameter \_\_\_\_\_ inches From \_\_\_\_\_ feet To \_\_\_\_\_ feet  
\_\_\_\_\_ inches \_\_\_\_\_ inches \_\_\_\_\_ feet \_\_\_\_\_ feet  
\_\_\_\_\_ inches \_\_\_\_\_ inches \_\_\_\_\_ 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 \_\_\_\_\_ feet To \_\_\_\_\_ feet  
\_\_\_\_\_ perforations \_\_\_\_\_ feet \_\_\_\_\_ feet  
\_\_\_\_\_ perforations \_\_\_\_\_ feet \_\_\_\_\_ feet  
\_\_\_\_\_ perforations \_\_\_\_\_ feet \_\_\_\_\_ feet

Well screen installed? ☒ Yes ☐ No  
Manufacturer's name \_\_\_\_\_  
Type Johnson Screen Model No. \_\_\_\_\_  
Diameter 10 Slot size 50 Set from 450 feet to 480 feet  
Diameter 10 Slot size 50 Set from 470 feet to 494 feet

Gravel packed? ☐ Yes ☐ No Size of gravel \_\_\_\_\_  
Placed from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Surface seal? ☐ Yes ☐ No To what depth \_\_\_\_\_ feet  
Material used in seal ☐ Cement grout ☐ Puddling clay

**6. LOCATION OF WELL**

Sketch map location must agree with written location.



County Canyon  
SW 1/4 SE 1/4 Sec. 4 T. 5 N. R. 5 W

10. Work started May 13 finished June 5

**11. DRILLER'S CERTIFICATION**

This well was drilled under my supervision and this report is true to the best of my knowledge.

Cope Drilling  
Driller's or Firm's Name \_\_\_\_\_  
P.O. Box 561 - Meridian, Idaho  
Address \_\_\_\_\_  
Signed by [Signature] Date June 24

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

RECEIVED  
JUN 2 2 1960  
Department of Reclamation

# WELL LOG AND REPORT OF THE STATE RECLAMATION ENGINEER OF IDAHO

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_ County Canyon  
Owner City of Parma  
Address Parma  
Driller Rich E. Block  
Address Caldwell  
Well location 1/4 Sec. 9 T. N/3 R. 3 W  
Size of drilled hole 10"

Locate well in section

|        |        |
|--------|--------|
| NW 1/4 | NE 1/4 |
| SW 1/4 | SE 1/4 |

Total depth of well 415  
Give depth to standing water from the ground 9' Water temp. 72.5 Fahr.  
On "Pumping Test" delivery was 600 g.p.m. or \_\_\_\_\_ c.f.s. Drawdown was 32 feet.  
Size of pump and motor used to make test 6" pump 45 H.P.  
Length of time of test 48 hours \_\_\_\_\_ minutes.  
If flowing well, give flow \_\_\_\_\_ c.f.s. or \_\_\_\_\_ g.p.m. and of shut off pressure \_\_\_\_\_

If flowing well, described control works \_\_\_\_\_

Water will be used for City of Parma (TYPE AND SIZE OF VALVE, ETC.) \_\_\_\_\_  
Thickness of casing \_\_\_\_\_ Weight of casing per lineal foot 40  
Casing material Steel (STEEL, CONCRETE, WOOD, ETC.) \_\_\_\_\_

Diameter, length and location of casing 10" from 0 to 312'  
(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER;  
CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

## CASING RECORD

| Diam. Casing | From Feet | To Feet | Length | Remarks—seals, grouting, etc. |
|--------------|-----------|---------|--------|-------------------------------|
| 10"          | 0         | 312     | 312    |                               |
| 8"           | 289       | 415     | 116    |                               |
|              |           |         |        |                               |
|              |           |         |        |                               |
|              |           |         |        |                               |

Number and size of perforations 1/8" located 387 feet to 411 feet from ground

Date of commencement of well 5/11/60 Date of completion of well 6/6/60  
29545W  
MAR 01 1988

# WELL LOG

| From<br>Feet                                                           | To<br>Feet | Type of Material                                            | Water-bearing<br>Formation<br>Am. Yes or No | Casing<br>Perforated<br>Am. Yes or No |
|------------------------------------------------------------------------|------------|-------------------------------------------------------------|---------------------------------------------|---------------------------------------|
| This is Parma's old Well #3<br>all water was cased off from 0' To 312' |            |                                                             |                                             |                                       |
| 300                                                                    | 310        | Hard Crumbly Clay                                           |                                             |                                       |
| 310                                                                    | 317        | Hard Sandy Clay & Hardpan                                   |                                             |                                       |
| 317                                                                    | 360        | Fine Sand with trace coarse                                 |                                             |                                       |
| 360                                                                    | 775        | Coarse & Fine Sand                                          |                                             |                                       |
| 375                                                                    | 385        | Hard Clay                                                   |                                             |                                       |
| 385                                                                    | 395        | Sandy Clay                                                  |                                             |                                       |
| 395                                                                    | 397        | lt. sand                                                    |                                             |                                       |
| 397                                                                    | 415        | alternate layers of hard & loose sand<br>with lots of water |                                             |                                       |
| If more space is required use Sheet No. 2                              |            |                                                             |                                             |                                       |

## WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed

*Rich. Zindlick*

By

Dated

6/30

19

68

License No.

30

MAR 01 198

# WELL LOG AND REPORT TO THE STATE RECLAMATION ENGINEER OF IDAHO

APR 20 1957  
Department of Reclamation

Log No. \_\_\_\_\_  
Rec. \_\_\_\_\_, 19\_\_\_\_  
Well No. \_\_\_\_\_  
Permit No. \_\_\_\_\_

(DO NOT FILL IN)

Owner CITY OF PARMA Address PARMA, IDAHO  
Driller WILL KROBLOK Address CALEDONIA, IDAHO Lic. No. 50  
Location of Well. 1/4 Sec. 9, T. 5 N. 2 R. 8 E. W. 1/4 Sec. 9 County, XX  
and 70 feet N/S, and 257 feet E/W from NE Corner of SE 1/4 NE 1/4 Sec. 9  
Size of Drilled Hole 10 inch Total depth of Well 515 feet  
Give depth of standing water from surface 45 feet Water Temp. 68° Fahrenheit  
On pumping test delivery was 1200 g.p.m. or 50 c.f.s. Drawdown was 50 feet.  
Size of pump and motor used to make the test 10 inch pump and beisel motor  
Length of time pumped during check was 45 hr., 50 minutes.  
If flowing well, give flow in c.f.s. \_\_\_\_\_ or g.p.m. \_\_\_\_\_ and shut in pressure \_\_\_\_\_  
If flowing well, describe control works \_\_\_\_\_  
(TYPE AND SIZE OF VALVE, ETC.)  
Water will be used for Domestic use Weight of casing per linear foot 80  
Thickness of casing 7/16" Casing material PIPE E.G., PIPE, CONCRETE, WOOD.  
Diameter, length and location of casing 144' of 10" - 128' of 14" - 55' of 14" - 55' of 10"  
Number and size of perforations 1/8" located 144 feet to 255 feet  
from surface of ground.  
Other perforations \_\_\_\_\_  
Date of commencement of well JAN. 8, 1957 Date of completion of well MAR. 18, 1957  
Type of well rig OHURA DRILL

## CASING RECORD

| DIAM. CASING | FROM FEET | TO FEET | LENGTH | REMARKS - SEALS, GROUTING, ETC. |
|--------------|-----------|---------|--------|---------------------------------|
| 10"          | 0         | 144     | 144    |                                 |
| 14"          | 107       | 235     | 128    |                                 |
| 14"          | 183       | 235     | 52     |                                 |
| 10"          | 229       | 285     | 56     |                                 |

## GENERAL INFORMATION - Pumping Test, Quality of Water, Etc.

all pipe except the 1st 144 feet is 10 gauge with 1/8 inch perforation or smaller.

**MICROFILMED**  
**MAR 01 1968**

ENE 57 SW

# WELL LOG

| From<br>Feet<br>0 | To<br>Feet<br>1 | Type of Material                               | Drilling Time |      | Water-bearing<br>Formation<br>Ans. Yes or No | Casing<br>Perforated<br>Ans. Yes or No |
|-------------------|-----------------|------------------------------------------------|---------------|------|----------------------------------------------|----------------------------------------|
|                   |                 |                                                | Hrs.          | Min. |                                              |                                        |
|                   |                 | Topsoil                                        |               |      |                                              |                                        |
| 1                 | 41              | Silt                                           |               |      |                                              |                                        |
| 41                | 44              | Conglomerate, Brown & blue shale, gravel       |               |      |                                              |                                        |
| 44                | 47              | Gravel                                         |               |      |                                              |                                        |
| 47                | 53              | Silt                                           |               |      |                                              |                                        |
| 53                | 78              | Blue shale, blue silt, occasional lumps clay   |               |      |                                              |                                        |
| 78                | 97              | Unconsolidated shale                           |               |      |                                              |                                        |
| 97                | 98              | Sandy shale                                    |               |      |                                              |                                        |
| 98                | 109             | Iron gray shale                                |               |      | yes                                          |                                        |
| 109               | 110             | Coarse sand & gravel                           |               |      | yes                                          |                                        |
| 110               | 113             | Sandy shale                                    |               |      | no                                           |                                        |
| 113               | 130             | Sticky clay                                    |               |      | no                                           |                                        |
| 130               | 135             | Lumpy clay                                     |               |      | no                                           |                                        |
| 135               | 165             | Heavy clay-blue shale- very dense              |               |      | yes                                          |                                        |
| 165               | 175             | Light shale                                    |               |      | yes                                          |                                        |
| 175               | 181             | Hard sandstone                                 |               |      | yes                                          |                                        |
| 181               | 193             | Light sandy shale                              |               |      | yes                                          |                                        |
| 193               | 210             | Hard sandstone                                 |               |      | yes                                          |                                        |
| 210               | 240             | Light sandy shale & layers of silt & hardpan   |               |      | yes                                          |                                        |
| 240               | 268             | Silt If more space is required use Sheet No. 2 |               |      | yes                                          |                                        |
| 268               | 273             | Light layers of silt & blue shale              |               |      | yes                                          |                                        |
| 273               | 286             | Blue shale                                     |               |      | yes                                          |                                        |
| 286               | 315             | Layers of silt, hardpan & blue shale           |               |      | yes                                          |                                        |

## WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed

By

License No.

30

Dated

19 59

MICROFILMED

MAR 01 1988

State of Idaho  
Department of Water Resources

# WATER RIGHT LICENSE

WATER RIGHT NO. 63-10473

Priority: May 5, 1987

Maximum Diversion Rate: 0.52 CFS  
Maximum Diversion Volume: 187.1 AF

This is to certify, that GME INC  
4252 S EAGLESON RD  
BOISE ID 837050000

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 5, 1987; and has submitted Proof of Beneficial Use on August 1, 1989. An examination indicates that the works have a diversion capacity of .520 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| IRRIGATION            | 03/15 to 11/15       | 0.11 CFS                 | 17.1 AF              |
| FISH PROPAGATION      | 01/01 to 12/31       | 0.52 CFS                 | 169.4 AF             |
| DOMESTIC              | 01/01 to 12/31       | 0.04 CFS                 | 0.6 AF               |
|                       | Totals               | 0.52 CFS                 | 187.1 AF             |

LOCATION OF POINT(S) OF DIVERSION: Lot 7( SWSW), Sec. 6, Township 05N, Range 05W  
CANYON County

| <u>PLACE OF USE:</u> | <u>TWN</u> | <u>RGE</u> | <u>SEC</u> | <u>ACRES</u>                     | <u>ACRES</u> | <u>ACRES</u> | <u>TOTAL</u> |
|----------------------|------------|------------|------------|----------------------------------|--------------|--------------|--------------|
| IRRIGATION           | 05N        | 05W        | 6          | Lot 7(SWSW)                      | 3.8          |              | 3.8          |
|                      |            |            |            | Total number of acres irrigated: |              |              | 3.8          |

PLACE OF USE: FISH PROPAGATION, same as IRRIGATION use

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

OCT 27 1992

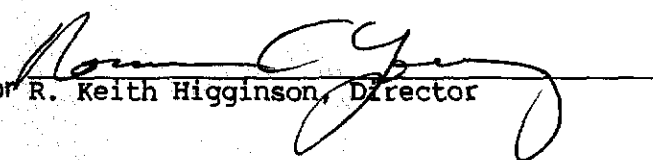
State of Idaho  
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 63-10473

CONDITIONS/REMARKS:

5. The right holder shall be required to provide the Department, upon request, information showing volume changes per hour necessary to maintain an adequate environment for the fish propagation facility. Volume changes per hour shall be based upon actual fish production.
6. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
7. Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.
8. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.5 afa per acre for the lands above.
9. Domestic use is for an office, shop and living quarters.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 19<sup>th</sup> day of OCTOBER, 1992.

Acting for  R. Keith Higginson, Director

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Department of Water Resources

State of Idaho  
Department of Water Resources

APPLICATION FOR AMENDMENT  
(For Licensing Purposes)  
WATER RIGHT NO. 63-10473

APPROVED

Date of Priority: May 5, 1987

Maximum Diversion Rate:  
Maximum Diversion Volume:

0.52 CFS  
187.1 AF

Comes now

GME INC

4252 S EAGLESON RD  
BOISE ID 837050000

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 63-10473, and requests that the permit be changed as follows:

Source: GROUNDWATER

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| IRRIGATION            | 03/15 to 11/15       | 0.11 CFS                 | 17.1 AF              |
| FISH PROPAGATION      | 01/01 to 12/31       | 0.52 CFS                 | 169.4 AF             |
| DOMESTIC              | 01/01 to 12/31       | 0.04 CFS                 | 0.6 AF               |
| Totals                |                      | 0.52 CFS                 | 187.1 AF             |

LOCATION OF POINT(S) OF DIVERSION: Lot 7( SWSW), Sec. 6, Township 05N, Range 05W  
CANYON County

PLACE OF USE: IRRIGATION

| <u>TWN</u> | <u>RGE</u> | <u>SEC</u> | <u>ACRES</u> | <u>ACRES</u> | <u>ACRES</u> | <u>TOTAL</u> |
|------------|------------|------------|--------------|--------------|--------------|--------------|
| 05N        | 05W        | 6          | Lot 7(SWSW)  | 3.8          |              | 3.8          |

Total number of acres irrigated: 3.8

PLACE OF USE: FISH PROPAGATION, same as IRRIGATION use

PLACE OF USE: DOMESTIC, same as IRRIGATION use

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at Boise Idaho, this 5 day of October 1992, 19\_\_.

GME Inc. International  
(Signature)

RECORDED

OCT 27 1992

by Doug Mendonca  
Chairman & CEO

State of Idaho  
Department of Water Resources

**APPLICATION FOR AMENDMENT**  
(For Licensing Purposes)  
WATER RIGHT NO. 63-10473

\*\*\*\*\*

**FOR DEPARTMENT USE ONLY**

Preliminary check by CS Fee = \$20.00 Receipted by [Signature] #025092 Date 10-8-92

**ACTION OF THE DEPARTMENT OF WATER RESOURCES**

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 63-10473 with the following;

**CONDITIONS/REMARKS:**

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. The right holder shall be required to provide the Department, upon request, information showing volume changes per hour necessary to maintain an adequate environment for the fish propagation facility. Volume changes per hour shall be based upon actual fish production.
6. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
7. Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.
8. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.5 afa per acre for the lands above.
9. Domestic use is for an office, shop and living quarters.

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State of Idaho  
Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 63-10473

Witness my hand this 19<sup>th</sup> day of OCTOBER, 1992.

  
Acting for R. Keith Higginson, Director

OCT 27 1992

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JAN 25 1989

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCESFor Office Use Only  
\$15 FEE Received by CP  
Date 1/16/89  
Receipt # 0005297

## REQUEST FOR EXTENSION OF TIME

Department of Water Resources To provide additional time in which to submit proof  
of beneficial use for a water right permitThe Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted  
an additional period of time in which to complete development of a water right under the provisions of Section  
42-204, Idaho Code.Permit No. 63-10473Name(s) of Permit Holder: GME, INC.Post Office Address: 4252 South Eagleson Road,Boise, Idaho 83705Telephone No. 362-5588Date Proof is Due: February 1, 1989Describe what work has been completed toward the development of this water right: \_\_\_\_\_  
(This must be filled out! If no work has been completed, show "none".)Well drilled and cased to 140 feet only. (860' still to drill)Contract  
Costing \$ 16.00 per ft.

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

Equipment problems and freezing weather.Permit holder(s) request an extension to FEB. 1, 1990  
(1 yr. minimum)GME, INC.  
George Mendenhall

Chairman &amp; CEO (Signature)\*

FEE: \$15.00

\*IF OTHER THAN PERMIT HOLDER,  
POWER OF ATTORNEY MUST BE SUPPLIED.

## ACTION OF THE DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the request for extension of time be APPROVED and the time within  
which to submit proof of beneficial use is extended to February 1, 1990.

MAR 06 1989

Signed this 1<sup>st</sup> day of February, 19 89.J. Allen Saxton  
Chief, Water Allocations Bureau

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant GME Inc. Phone 208 362-5588  
Post office address 4242 S. Eagleson Road, Suite 108, Boise, ID 83705

2. Source of water supply well which is a tributary of \_\_\_\_\_

3. Location of point of diversion is S 1/2 1/4 of SE 1/4 of SW 1/4, Govt. Lot \_\_\_\_\_  
Sec. 6 Township 5N Range 5W B.M. Canyon County; additional  
points of diversion if any: \_\_\_\_\_

4. Water will be used for the following purposes:

Amount .62 for fish propagation purposes from 1/1 to 12/31 (both dates inclusive)  
(cfs or acre-feet per annum)

Amount .40 for irrigation purposes from 3/15 to 11/15 (both dates inclusive)  
(cfs or acre-feet per annum)

Amount .04 for domestic purposes from 1/1 to 12/31 (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) .66 and/or (b) \_\_\_\_\_  
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. well (see attached)

b. Height of storage dam N/A feet; active reservoir capacity N/A acre-feet; total  
reservoir capacity N/A acre-feet; period of year when water will be diverted to storage:  
N/A to N/A inclusive.

c. Proposed well diameter is 6" inches; proposed depth of well is to 1000 feet.

d. Is ground water with a temperature of greater than 90°F being sought? no

7. Time required for the completion of the works and application of the water to the proposed beneficial use is  
1-2 weeks ALLOW 1YR.  
\_\_\_\_\_ years (minimum 1 year).

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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. 1
- e. Other; describe fully. orchard, aquaculture ponds

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.

| TWP | RANGE | SEC. | NE¼ |     |     |     | NW¼ |     |     |     | SW¼ |     |     |     | SE¼ |     |     |     | TOTALS |
|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
|     |       |      | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ |        |
| 5N  | 5W    | 6    |     |     |     |     |     |     |     |     |     |     | 5   | 15  |     |     |     |     | 20     |
|     |       |      |     |     |     |     |     |     |     |     |     |     | 4.7 |     |     |     | 1   |     |        |
| 5N  | 5W    | 6    |     |     |     |     |     |     |     |     |     |     | F   | F   |     |     |     |     |        |
| 5N  | 5W    | 6    |     |     |     |     |     |     |     |     |     |     | 4.7 | D   |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |

Total number of acres to be irrigated 20

10. Describe any other water rights used for the same purposes as described above. Island Highline Ditch Co., Parma (supplemental application)
11. 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. \_\_\_\_\_

12. Remarks: \_\_\_\_\_

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

see attached map

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MAR 01 1988

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.

By GEORGE MENDENHALL, CHAIRMAN & CEO  
(Applicant)

Proposed Priority 5/5/87  
Received by BD Date 5/5/87 Time 10:00 AM Preliminary check by [Signature]  
Fee \$ 45.00 Receipted by BD # 44802 Date 5/5/87  
Publication prepared by [Signature] Date 6/10/87 Published in Press-Tribune  
6-17-87  
Publication approved [Signature] Date 6/20/87

### 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. 63-10473, 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 February 1, 19 89.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. The water right acquired under this permit if 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 permit 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 permit.

e. Other: ① Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code, and the bonding requirements of Section 42-233, Idaho Code.

② Assignment or sale of this permit is subject to a determination by the Department that the permit holder has proceeded to develop the permit with due diligence and without speculation.

③ Return flow if discharged to a subsurface system must be authorized by a separate injection well permit, and return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.

④ The permit holder shall be required to provide the Department, upon request, information showing volume changes per hour necessary to maintain an adequate environment for the fish propagation facility. Volume changes per hour shall be based upon actual fish production.

⑤ Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.

⑥ The permit holder shall submit a drilling prospectus to the Department for review and approval prior to construction of the well.

Witness my hand this 7<sup>th</sup> day of January, 1988.

**MICROFILMED**

MAR 01 1988

[Signature] ms



## System Description

- 6 ponds total
- average depth 4 to 5 ft.

pond areas:

| # | dimension   | Surface Area per Pond  | All Ponds Surface Area | All Ponds Vol @ 5' depth |
|---|-------------|------------------------|------------------------|--------------------------|
| 1 | 200' X 200' | 40,000 ft <sup>2</sup> | 40,000 ft <sup>2</sup> | 4.6 af                   |
| 2 | 12' X 1600' | 19,200 ft <sup>2</sup> | 38,400 ft <sup>2</sup> | 4.4 af                   |
| 2 | 12' X 600'  | 7200 ft <sup>2</sup>   | 14,400 ft <sup>2</sup> | 1.7 af                   |
| 1 | 12' X 300'  | 3600 ft <sup>2</sup>   | 3600 ft <sup>2</sup>   | .4 af                    |
|   |             |                        |                        | 11.1 af                  |

tot. area : 96400 ft.<sup>2</sup> (11.1 AF)

- ponds will be used for cat fish and shell fish (Capitula) (freshwater clams)

## Irrigation

- 20 acres are to be planted in hazelnut trees; trees are to be irrigated primarily with water from fish ponds

**MICROFILMED**

MAR 01 1988

**NOTICE OF APPLICATION  
FOR WATER RIGHT**

The following applications have been filed to appropriate the public water of the State of Idaho:

63-10464  
BOONE MEMORIAL PRESBY-  
TERIAN CHURCH, INC.  
14TH AVE. & DEARBORN,  
CALDWELL, ID 83605  
Source: GROUNDWATER  
Diversion Pt: SENENW Sec 27 T  
04N R 03W  
Use: IRRIGATION (0.020 CFS)

Date Filed: 04/30/1987  
In: NENW Sec 27 T 04N R 03W  
FOR 1 ACRE

63-10466  
DELBERT MOORE FARMS INC.  
3600 JUANITA WAY, NAMPA, ID  
83651

Source: GROUNDWATER  
Diversion Pt: NWNW Sec 32 T 03N  
R 02W

Use: IRRIGATION (2.6 CFS)  
Date Filed: 05/01/1987  
In: NENW NWNW SWNW SENW  
Sec 32 T 03N R 02W FOR 130  
ACRES

63-10473  
GME INC.  
4242 S. EAGLESON RD. #108,  
BOISE, ID 83705

Source: GROUNDWATER  
Diversion Pt: SESESW SWSESW  
Sec 06 T 05N R 05W

Use: IRRIGATION (0.4 CFS)  
DOMESTIC (0.040 CFS) FISH  
PROP. (0.620 CFS)

Date Filed: 05/05/1987  
In: SWSW SESESW Sec 06 T 05N R  
05W FOR 20 ACRES

63-10476  
LOWBER, WILLIAM L.  
RT. 4 BOX 4434, NAMPA, ID 83651  
Source: GROUNDWATER

Diversion Pt: NENESE Sec 16 T  
02N R 02W

Use: IRRIGATION (0.680 CFS)  
Date Filed: 05/05/1987  
In: NESW NWSE Sec 16 T 02N R  
02W FOR 34 ACRES

63-10477  
SCHUBERT, ROSS M.  
RT. 2 BOX 2095A, NAMPA, ID  
83651

Source: GROUNDWATER  
Diversion Pt: SENESW Sec 06 T  
03N R 01W

Use: IRRIGATION (2.040 CFS)  
Date Filed: 05/06/1987  
In: NESW LOT 06 (NWSW) LOT 07  
(SWSW) SESESW Sec 06 T 03N R  
01W FOR 117 ACRES

63-10482  
KAPICKA, JAMESE  
809 BUSHNELL ST., CALDWELL,  
ID 83605

Source: GROUNDWATER  
Diversion Pt: SENW Sec 28 T 04N  
R 02W

Use: IRRIGATION (3.0 CFS)  
Date Filed: 05/08/1987  
In: NENW NWNW SWNW SENW  
Sec 28 T 04N R 02W FOR 150  
ACRES

The permits will be subject to all  
prior water rights. Protests must  
be filed with the Director, Dept. of  
Water Resources, Western Region,  
Statehouse, Boise, Idaho 83720 on  
or before JULY 6, 1987.

KEN DUNN  
Director  
June 27 25, 1987

**RECEIVED**  
JUN 26 1987

Department of Water Resources

**AFFIDAVIT OF PUBLICATION**

STATE OF IDAHO )  
) ss.  
County of Canyon )

Debra Kalousek  
of Nampa, Canyon County, Idaho, being first duly sworn, deposes  
and says:

1. That I am a citizen of the United States of America, and at all  
times hereinafter mentioned was over the age of eighteen years,  
and not a party to the above entitled action.

2. That I am the Principal Clerk of the Idaho Press-Tribune, a  
daily, (except Saturday) newspaper published in the City of Nampa  
and Caldwell, in the County of Canyon, State of Idaho; that the said  
newspaper is in general circulation in the said County of Canyon,  
and in the vicinity of Nampa and Caldwell, and has been uninter-  
ruptedly published in said County during a period of seventy-eight  
consecutive weeks prior to the first publication of the notice, a copy  
of which is hereto attached.

3. That the notice, of which the annexed is a printed copy, was  
published in said newspaper  
Two times

in the regular and entire issue of said paper, and was printed in  
the newspaper proper, and not in a supplement.

4. That said notice was published the following dates:  
June 17, 25, 1987

Debra Kalousek  
Subscribed and sworn to before me this  
25th day of June  
19 87

**RECEIVED**  
MAR 01 1988  
JUN 26 1987  
Notary Public, Residing at Nampa, Idaho

Department of Water Resources

DEED

FOR VALUE RECEIVED, GME, Inc., formerly known as GME Precision Machine Works, Inc  
4252 S. Eagleson Rd., Boise, ID 83702  
California

a corporation duly organized and existing under the laws of the State of Idaho, grantor, does hereby Grant,  
Bargain, Sell and Convey unto Joseph C. Kowasch and Elizabeth I. Kowasch,  
husband and wife,

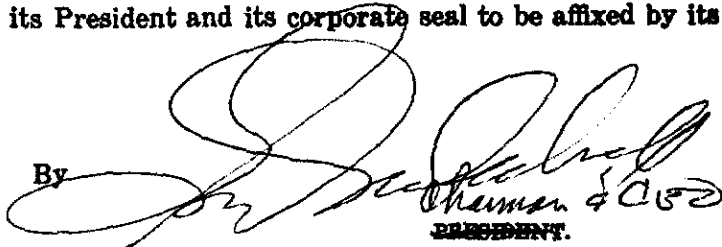
grantee whose current address is 7429 Ida Street, Lemon Grove, CA 91945

the following described real estate, to-wit:

See attached Exhibit "A"

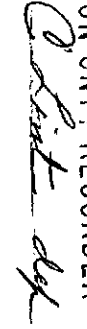
TO HAVE AND TO HOLD The said premises, with their appurtenances unto the said Grantee  
heirs and assigns forever

IN WITNESS WHEREOF, The Grantor, pursuant to a resolution of its Board of Directors has caused  
its corporate name to be hereunto subscribed by its President and its corporate seal to be affixed by its  
Secretary this

By   
Sandra Delp Mendenhall  
PRESIDENT.

ATTEST:   
Sandra Mendenhall  
SECRETARY.

STATE OF IDAHO  
COUNTY OF BOISE  
Notary Public, personally appeared  
Sandra Delp Mendenhall  
Chairman & CEO  
of the corporation that executed the within instrument or the person  
who executed the instrument on behalf of said corporation, and  
acknowledged to me that such corporation executed the same.  
day of July 1988 in the  
City of Boise, Idaho  
Residing at Boise, Idaho  
Comm. expires 5/6/99

9407453  
RECORDED  
94 MAR 11 PM 2 18  
NEED KERR  
CANYON CNTY RECORDER  
BY   
REQUEST   
TYPE 

INSTRUMENT No.

Tuesday, February 15, 1994

GME International



INTERNATIONAL EXECUTIVE  
AND  
ADMINISTRATIVE OFFICES

EUROPEAN SALES OFFICE  
**COLCO BV**  
Nijverheidsweg 7  
3471 GZ Kamerik, Holland  
Tel: 31 3481 2244  
FAX 31 3481 1555

4252 South Eagleson Road, Boise, Idaho 83705 - U.S.A.  
Tel: 208 362 6644 or 362 5588 -- FAX 208 362 3171

To: Joseph and Betty Kowasch  
29792 Hexon Road  
Parma, Idaho 83660

Ref: Escrow PN25493

Dear Mr. & Mrs. Kowasch,

Thank you very much for your West One Bank cashiers check #457034732 in the amount of \$100,000.00 to pay the remaining balance owed on the above escrow.

Please find enclosed the following documents,

- a. Quitclaim Deed from Joseph and Elizabeth Kowasch to GME Inc.  
dated July 24th 1993.
- b. Deed for Property purchased by you under the above escrow.
- c. Certificate for 30 shares of water rights of the Island Highland  
Ditch Company.
- d. State of Idaho "Water rights license" for well located on property  
per Escrow PN25493

GME conveys all its rights and titles to Joseph and Elizabeth Kowasch for the 30 shares of water in the Island Highland Ditch Company and Water rights License per water right No. 63-10473, State of Idaho.

All of the above original documents are enclosed. The Deed should be recorded at once, and the transfer to your names of the water shares and water right should be transferred as soon as possible.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "George Mendenhall".

George Mendenhall,  
Chairman of the Board of Directors and CEO





## DESCRIPTION FOR

JOE KOWASCH

PARCEL 1

BBCE JOB NO. SC 030594

MARCH 10, 1994

This parcel is a portion of Government Lot 7, Section 6, Township 5 North, Range 5 West, B.M., and is more particularly described as follows:

**BEGINNING** at the NE corner of said Government Lot 7;

Thence South  $0^{\circ}38'46''$  East along the east boundary of said government Lot 7, a distance of 1324.27 feet to the SE corner of said Government Lot 7;

Thence North  $89^{\circ}32'39''$  West along the south boundary of said Government Lot 7, a distance of 353.00 feet;

Thence North  $0^{\circ}38'46''$  West parallel with the east boundary of said Government Lot 7, a distance of 1324.55 feet to a point on the north boundary of said Government Lot 7;

Thence South  $89^{\circ}29'53''$  East along said north boundary, a distance of 353.00 feet to the **POINT OF BEGINNING**.

This parcel is subject to an ingress/egress easement described as follows:

**BEGINNING** at the SE corner of said Government Lot 7;

Thence North  $89^{\circ}32'39''$  West along the south boundary of said Government Lot 7, a distance of 353.00 feet;

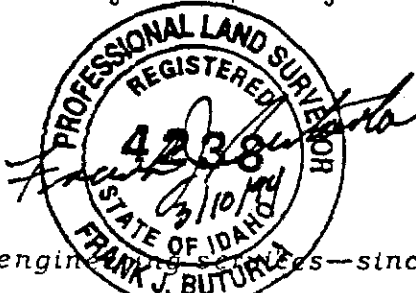
Thence North  $0^{\circ}38'46''$  West parallel with the east boundary of said Government Lot 7, a distance of 28.00 feet;

Thence South  $89^{\circ}32'39''$  East parallel with said south boundary, a distance of 353.00 feet to a point on the east bounday of said Government Lot 7;

Thence South  $0^{\circ}38'46''$  East along said east boundary, a distance of 28.00 feet to the **POINT OF BEGINNING**.

This parcel is also subject to all other easements and Rights-of-Way existing or of record.

This parcel contains 10.7 acres.



2922 EAST CLEVELAND BOULEVARD



CALDWELL, ID 83605 208 454-3033

DESCRIPTION FOR

JOE KOWASCH

PARCEL 2

BBCE JOB NO. SC 030594

MARCH 10, 1994

This parcel is a portion of the SE $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 6, Township 5 North, Range 5 West, B.M., and is more particularly described as follows:

**BEGINNING** at the SE corner of said SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Thence North 89°32'39" West along the south boundary of said SE $\frac{1}{4}$  SW $\frac{1}{4}$ , a distance of 1322.60 feet to the SW corner of said SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Thence North 0°38'46" East along the west boundary of said SE $\frac{1}{4}$  SW $\frac{1}{4}$ , a distance of 623.37 feet to a point on the southerly Mean High Water Line of the Boise River;

Thence traversing said Mean High Water Line as follows:

South 57°25'52" East, a distance of 81.37 feet;  
South 64°33'11" East, a distance of 211.48 feet;  
South 72°53'58" East, a distance of 140.63 feet;  
North 66°37'36" East, a distance of 232.14 feet;

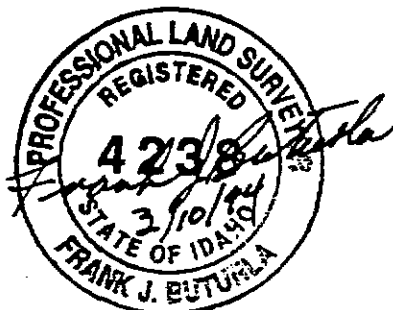
Thence leaving said Mean High Water Line South 19°34'23" East, a distance of 27.03 feet;

Thence North 89°30'25" East, a distance of 700.00 feet to a point on the east boundary of said SE $\frac{1}{4}$  SW $\frac{1}{4}$ ;

Thence south 0°29'35" East along said east boundary, a distance of 523.14 feet to the **POINT OF BEGINNING**.

This parcel is subject to all easements and Rights-of-Way existing or of record.

This parcel contains 15.6 acres.





## DESCRIPTION FOR

JOE KOWASCH

## INGRESS/EGRESS EASEMENT FOR PARCEL 2

BBCE JOB NO. SC 030594

MARCH 10, 1994

This easement, for the purpose of ingress/egress, is a portion of Government Lot 7, Section 6, Township 5 North, Range 5 West, B.M., and is more particularly described as follows:

**BEGINNING** at the SE corner of said Government Lot 7;

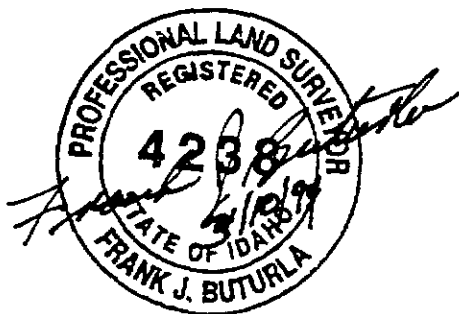
Thence North  $89^{\circ}32'39''$  West along the south boundary of said Government Lot 7, a distance of 353.00 feet;

Thence North  $0^{\circ}38'46''$  West parallel with the east boundary of said Government Lot 7, a distance of 28.00 feet;

Thence South  $89^{\circ}32'39''$  East parallel with said south boundary, a distance of 353.00 feet to a point on the east bounday of said Government Lot 7;

Thence South  $0^{\circ}38'46''$  East along said east boundary, a distance of 28.00 feet to the **POINT OF BEGINNING**.

This parcel contains 0.23 acre.





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

CECIL D. ANDRUS  
GOVERNOR

R. KEITH HIGGINSON  
DIRECTOR

October 23, 1992

GME INC  
4252 S EAGLESON RD  
BOISE ID 837050000

RE: WATER RIGHT NO. 63-10473

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved application for amendment.

Should you have any questions regarding these documents, please feel free to contact our office.

Sincerely,

PAMELA SKAGGS  
Water Resource Agent

PS:cz

Enclosure

RECEIVED  
OCT 27 1992

September 28, 1992

GME INC  
4252 S EAGLESON RD  
BOISE ID 837050000

RE: WATER RIGHT NO. 63-10473

Dear Water Right Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 15 days.

If you do not concur with these findings or if you have any questions, please contact us within the 15-day period.

Sincerely,

PAMELA SKAGGS  
Water Resource Agent

PS:cz

Enclosure

MAILED  
OCT 27 1992

# LICENSE REVIEW CHECKLIST

Permit # 63-10473

Date 9-21-92  
28

|                        |                                             |           |                                                                                                                        |
|------------------------|---------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------|
| NAME                   | <u>Yes</u>                                  | <u>No</u> | Address Change?                                                                                                        |
| PRIORITY DATE          | <u>Yes</u>                                  | <u>No</u> | Advance?                                                                                                               |
|                        | <u>Yes</u>                                  | <u>No</u> | Memo to Advance                                                                                                        |
|                        | <u>Yes</u>                                  | <u>No</u> | Order to Reinstate Needed?                                                                                             |
| TOTAL CFS              | <u>Yes</u>                                  | <u>No</u> | Incorrect Fee for rate recommended?                                                                                    |
|                        | <u>Yes</u>                                  | <u>No</u> | Disagree with Actual Measurement?                                                                                      |
|                        | <u>Yes</u>                                  | <u>No</u> | $3.8 \times .03 = .11 \text{ cfs (TRR)}$ $.04 \text{ cfs (DOM)}$ $.52 \text{ cfs (FP)}$                                |
|                        | <u>Yes</u>                                  | <u>No</u> | Disagree with Theoretical? @ 20 psi = .52                                                                              |
|                        | <u>Yes</u>                                  | <u>No</u> | Limited by Capacity? .52 cfs                                                                                           |
| TOTAL VOLUME           | <u>Yes</u>                                  | <u>No</u> | Rate/ac <u>4.5</u> AFA Irr. Season <u>D</u>                                                                            |
|                        | <u>Yes</u>                                  | <u>No</u> | <u>3-15 to 11-15</u> Standard Irr. Season                                                                              |
|                        | <u>Yes</u>                                  | <u>No</u> | <u>Same Per Permit</u> Season Recommended                                                                              |
|                        | <u>Yes</u>                                  | <u>No</u> | Disagree with Examiner's Calculations? $169.4 \text{ afa (FP)}$                                                        |
|                        | <u>Yes</u>                                  | <u>No</u> | $3.8 \times 4.5 = 17.1 \text{ afa (TRR)}$ $.06 \text{ afa (DOM)}$ $.9 \times .52 \times 365 \times .5 \times 1.9835 =$ |
|                        | <u>Yes</u>                                  | <u>No</u> | Limited by Flow? $.52 \times 365 \times 1.9835 = 376.5 > 169.4$                                                        |
| SOURCE                 | <u>Yes</u>                                  | <u>No</u> | Changes? Clarification of Originally                                                                                   |
|                        | <u>Yes</u>                                  | <u>No</u> | Intended source                                                                                                        |
|                        | <u>Yes</u>                                  | <u>No</u> | Notice of Intent to Void.                                                                                              |
| P/D                    | <u>Yes</u>                                  | <u>No</u> | Verify with Map                                                                                                        |
|                        | <u>Yes</u>                                  | <u>No</u> | Amendment Needed? <u>Lot 7, Change SESW to SWSW</u>                                                                    |
|                        | <u>Yes</u>                                  | <u>No</u> | Is Overlap Analysis a Consideration?                                                                                   |
| P/U                    | <u>Yes</u>                                  | <u>No</u> | Verify with Map                                                                                                        |
|                        | <u>Yes</u>                                  | <u>No</u> | Amendment Needed? <u>Lot 7 Drop SESW</u>                                                                               |
|                        | <u>Yes</u>                                  | <u>No</u> | Is Overlap Analysis a Consideration?                                                                                   |
| USES                   | <u>Yes</u>                                  | <u>No</u> | Change(s) in Nature of Use?                                                                                            |
|                        | <u>Yes</u>                                  | <u>No</u> | Amendment Needed?                                                                                                      |
| REMARKS                | <u>Yes</u>                                  | <u>No</u> | Multiple P/Ds in 1/4 1/4?                                                                                              |
|                        | <u>Yes</u>                                  | <u>No</u> | Non-Irr. Uses <u>DOM/Shop + Office</u>                                                                                 |
|                        | <u>Yes</u>                                  | <u>No</u> | Special Overlap Condition                                                                                              |
|                        | <u>Yes</u>                                  | <u>No</u> | Other                                                                                                                  |
| CONDITIONS             | <u>Yes</u>                                  | <u>No</u> | Measuring Device                                                                                                       |
|                        | <u>Yes</u>                                  | <u>No</u> | W/Master Control                                                                                                       |
|                        | <u>Yes</u>                                  | <u>No</u> | Overlap                                                                                                                |
|                        | <u>Yes</u>                                  | <u>No</u> | Water Quality                                                                                                          |
|                        | <u>Yes</u>                                  | <u>No</u> | ID water Plan/SG                                                                                                       |
|                        | <u>Yes</u>                                  | <u>No</u> | DATES/MISC                                                                                                             |
|                        | <u>Yes</u>                                  | <u>No</u> | Water Dist.                                                                                                            |
|                        | <u>Yes</u>                                  | <u>No</u> | App Rec'd                                                                                                              |
|                        | <u>Yes</u>                                  | <u>No</u> | Exam Made                                                                                                              |
| COMMENTS/MEMOS NEEDED: | <u>Reduced acres, rate</u> <u>Amend P/D</u> |           |                                                                                                                        |

License 10-Day 15-Day Special Correspondence

IDAHO DEPARTMENT OF WATER RESOURCES  
WATER RIGHT PROFILE REPORT  
(REGIONAL)

| OWNER<br>CODE    | NAME & ADDRESS                                                        | PRIORITY<br>DATE | WATER USE                                  | USE PERIOD<br>FROM TO                     | DIVERSION<br>RATE                | DIVERSION<br>VOLUME              |
|------------------|-----------------------------------------------------------------------|------------------|--------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------|
| C                | GME INC<br>4252 S EAGLESON RD<br>BOISE ID 837050000<br>(208) 362-5588 | 05/05/1987       | IRRIGATION<br>FISH PROPAGATION<br>DOMESTIC | 03-15 11-15<br>01-01 12-31<br>01-01 12-31 | 0.11 CFS<br>0.52 CFS<br>0.04 CFS | 17.1 AFA<br>169.4 AFA<br>0.6 AFA |
| TOTAL DIVERSION: |                                                                       |                  |                                            |                                           | 0.52 CFS                         | 187.1 AFA                        |

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.52 CFS

Point(s) of Diversion: T05N R05W S06 Lot 07( SW SW)

Place of use Legal Description for: IRRIGATION

|     |     |   | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |   |             |     |
|-----|-----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|-------------|-----|
| T   | R   | S | :  | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | : | SUM         |     |
| 05N | 05W | 6 | :  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | : | 3.8         |     |
|     |     |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   | TOTAL ACRES | 3.8 |

Place of use location for FISH PROPAGATION is the same location as described for: IRRIGATION

Place of use location for DOMESTIC is the same location as described for: IRRIGATION

Pou County: CANYON

Other Water Rights Listing Overlapping Place(s) of use:  
63-10473

Conditions of Approval:

- 042 - The right holder shall be required to provide the Department,
  - upon request, information showing volume changes per hour
  - necessary to maintain an adequate environment for the fish
  - propagation facility. Volume changes per hour shall be based
  - upon actual fish production.
- R08 - Return flow if discharged to a surface water system shall meet
  - Idaho Water Quality Standards.
- R41 - Use of water under this right is subject to policies set forth in
  - the State of Idaho Water Plan, including Policy No. 5G.
- R52 - This right when combined with all other rights shall provide no
  - more than .03 cfs per acre nor more than 4.5 afa per acre for the
  - lands above.

Remarks: Domestic use is for an office, shop and living quarters.

Dates: App. Received: 05/05/1987 Priority Date: 05/05/1987  
 Proof Due Date: 02/01/1990 Proof Made Date: 08/01/1989  
 Exam Made Date: 06/21/1991 Exam Sent to S.O.: 04/15/1992  
 Licensed Date:

MEMORANDUM

TO: FILE 63-10473

FROM: PAM SKAGGS *CS*

RE: PERMIT CONDITIONS REVIEW

DATE: 21-SEP-1992

-----

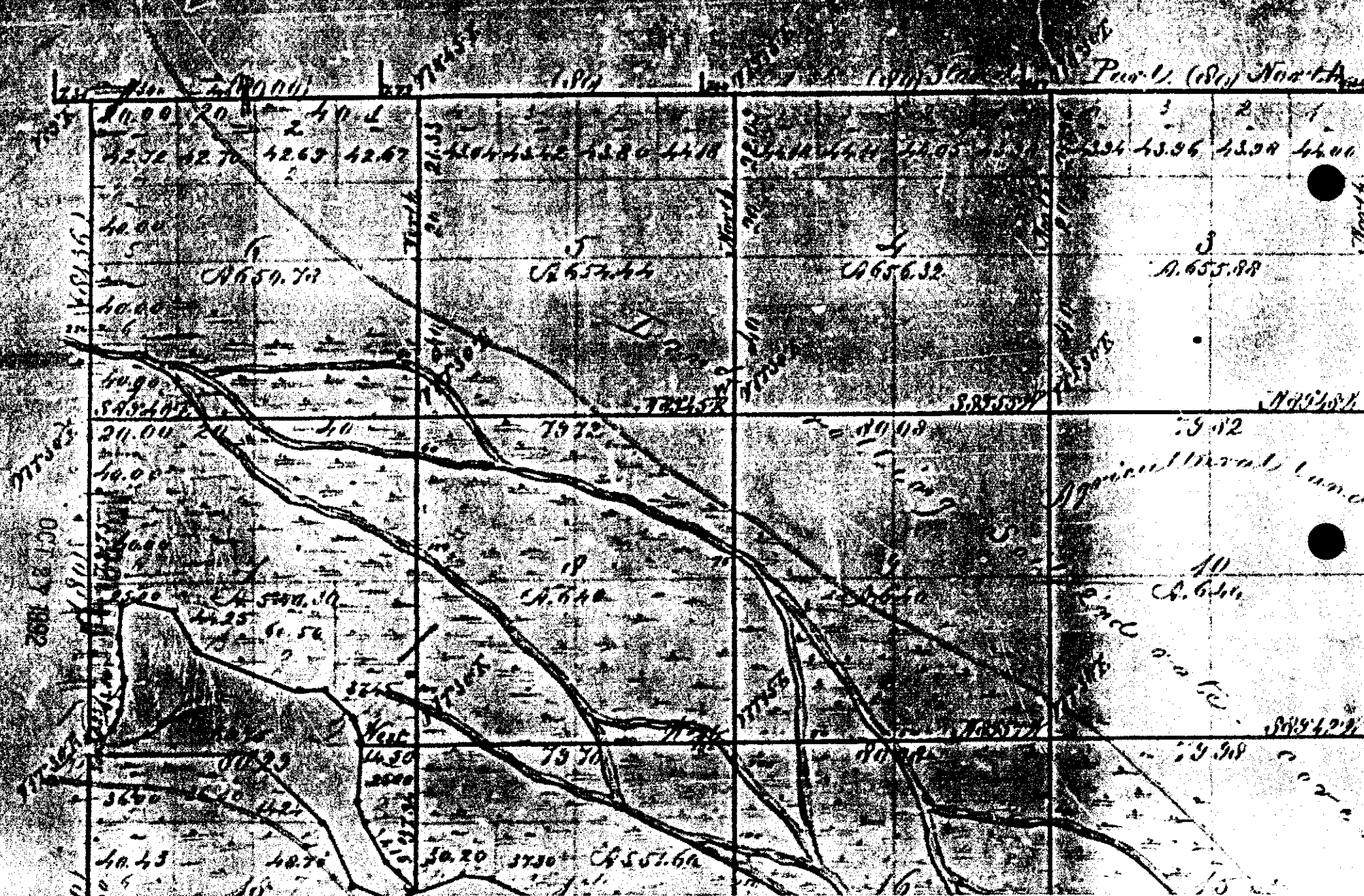
I have reviewed this right prior to licensing and recommend the following for conditions listed under l.e. on the permit.

1. Drilling permit requirements were met and this condition is no longer applicable.
2. Speculation condition not applicable since project has been developed.
3. No information was provided regarding water quality in the field exam. The water is applied for irrigation from one pond and emptied into a drain ditch that is tributary to the Boise River as it leaves the pond system. I recommend the surface water quality condition R08 for the license.
4. No specific information was supplied by the field examiner regarding fish production volumes. I recommend this condition be carried to the license in case future regulation be required.
5. Condition pertaining to Idaho Water Plan should be carried forward to the license.
6. A drilling prospectus was submitted and this condition complied with.

RECEIVED

OCT 27 1992

# Township 19S North Range 19S West B.



STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**RECEIVED**  
APR 16 1992

Department of Water Resources

**A. GENERAL INFORMATION**

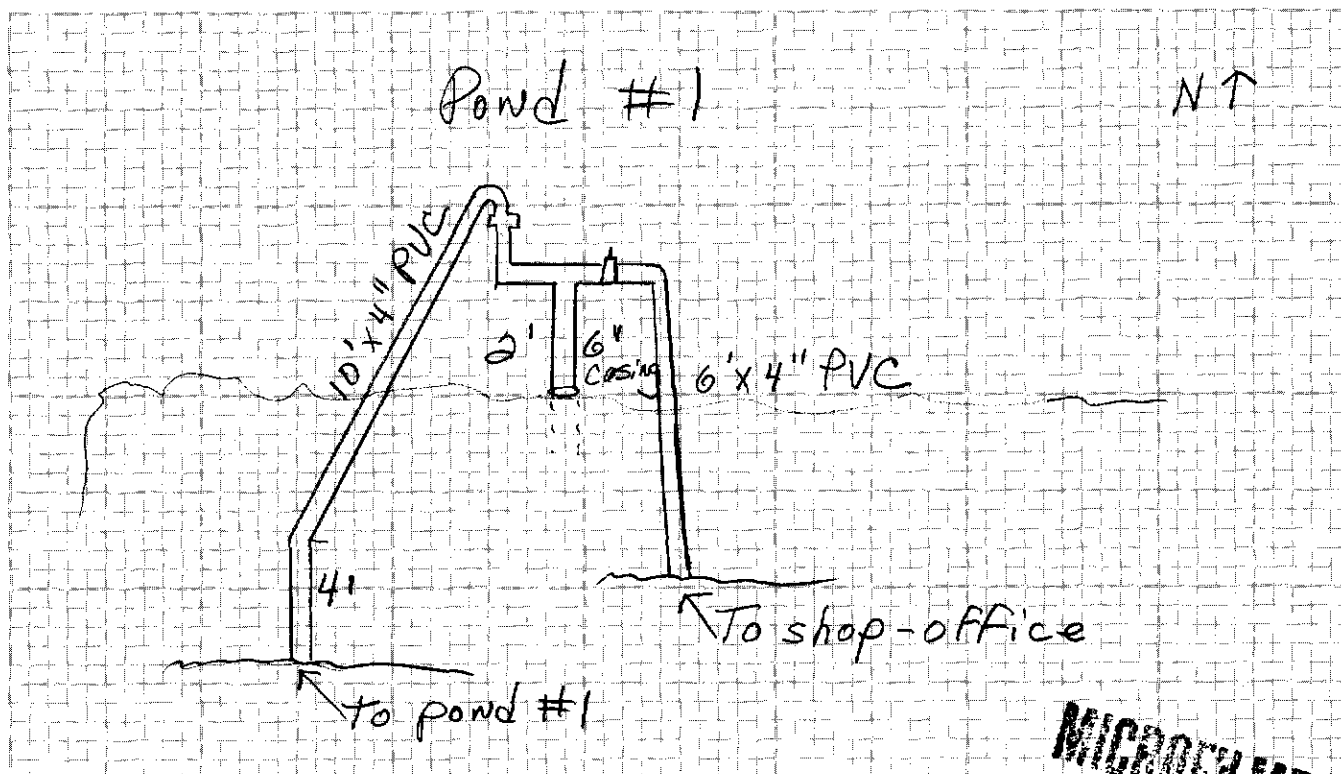
1. Owner: GME, Inc. Permit No. 63-10473  
Current Address: 4242 S. Eagleson Rd. Suite 108, Boise Id. 83705 Phone No. 362-5588  
2. Accompanied by: George Mendenhall EXAM. DATE: 6-21-91  
Address: same Phone No. same  
Relationship to Permit Holder: owner  
3. Source: groundwater tributary to Boise River

**B. OVERLAP REVIEW**

1. Other water rights with same place of use: 63-00291, 63-00292, 63-00293  
63-5368 ☐ Copies Attached  
2. Other water rights with same point of diversion: None  
☐ Copies Attached ☐ Copies of Field Exam's Attached

**C. SYSTEM DESCRIPTION**

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached



Scale: 1" = not to scale

2. ☒ Copy of U.S.G.S. Quadrangle Attached  
Showing location(s) of point(s) of diversion and place(s) of use (required).  
☒ Photo of Diversion and System Attached  
(required for all but single household domestic groundwater, and stockwater.)  
☐ Aerial Photo Attached  
(required for irrigation of 10 acres or more).

**MICROFILMED**  
OCT 27 1992

**System Description (continued)**

**3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)**

A well with a 6" casing, 5 Hp pump and 4" discharge delivers water for several users. 10' from the well a 4" PVC pipe goes underground to a pond approx 50' away. Overflow from pond #1 flows through a 12"-15' culvert to pond #2. Overflow from pond #2 flows through a 12" rectangular buried flume into a larger pond #3. Overflow from pond #3 is through a 6" PVC pipe into a ditch that empties into the Bone River 4 mile North. Water is diverted from pond #3 through a 10" PVC pipe into a concrete ditch to irrigate a field.

☒ See Remarks on page 4 for continuation

**4.**

| Well or Diversion Identification No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                       | Unknown    | 5  | Unknown          | Crown     | 4" 5Ch-225                        |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |

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

**5. Point(s) of Diversion:**

| Ident. No. | Gov't. Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County | Method of Determination/Remarks |
|------------|------------|-----|-----|-----|------|------|------|--------|---------------------------------|
|            |            | SE  | SW  | SW  | 6    | 5N   | 5W   | Canyon | Ortho photo quad map            |
|            |            |     |     |     |      |      |      |        |                                 |
|            |            |     |     |     |      |      |      |        |                                 |
|            |            |     |     |     |      |      |      |        |                                 |

**6. Place(s) of Use:**

Indicate Method of Determination \_\_\_\_\_

| Twp. | Rge. | 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 |        |
| 5N   | 5W   | 6    |        |        |        |        |        |        |        |        |        |        | 0      |        |        |        |        |        |        |
| 5N   | 5W   | 6    |        |        |        |        |        |        |        |        |        |        | 5.0    |        |        |        |        |        | 5.0    |
| 5N   | 5W   | 6    |        |        |        |        |        |        |        |        |        |        | 4.7    |        |        |        |        |        | 4.7    |
|      |      |      |        |        |        |        |        |        |        |        |        |        | 3.8    |        |        |        |        |        | 3.8    |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

**RECORDED**

OCT 27 1992

Do not use this space

Do not use this space

## D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

| Measurement Equipment | Type | Make        | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|-------------|-----------|------------|------|-------------|
| Polysonic             |      | Type 2 Lyte |           | 118J4626   |      |             |
|                       |      |             |           |            |      |             |
|                       |      |             |           |            |      |             |
|                       |      |             |           |            |      |             |

2. Measurements:

Polysonic measurement taken on a 4" PVC discharge pipe 4' above ground level at a location 40" from an elbow above the casing and 18" back from an elbow where the pipe turns to go underground. Measurement was taken in the accomplishment of the owner and employee.

## E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

230 gpm  
235  
235

700 gpm ÷ 3 = 233 gpm = .52 cfs.

2. Alternate Method for Checking Purposes:

Pump curve data supports polysonic flow rate measurement.

## F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: \_\_\_\_\_ psi x 2.31 = \_\_\_\_\_ ft (1); Dynamic pumping level: \_\_\_\_\_ ft (2)

Total Head: (1) + (2) = \_\_\_\_\_ (3)

; Flow rate: \_\_\_\_\_ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = \_\_\_\_\_ (5)

Meter Input KW: 3.6 x \_\_\_\_\_ KH x \_\_\_\_\_ CTR or \_\_\_\_\_ MULT x \_\_\_\_\_ PTR x \_\_\_\_\_ N/ \_\_\_\_\_ T = \_\_\_\_\_ (6)

Meter Input HP: (6) x 1.34 = \_\_\_\_\_ (7)

Panel Input KW: \_\_\_\_\_ Ave PF x \_\_\_\_\_ Ave Volts x \_\_\_\_\_ Ave Amps x .001732 = \_\_\_\_\_ (6)

Panel Input HP: (6) x 1.34 = \_\_\_\_\_ (7) Efficiency: (5)/(7) x 100 = \_\_\_\_\_ %

## G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 12.5 \times 4.5 = 56.25$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 11.28 \times 246 \times 1.9835 = 53.7$

V = Smaller of  $V_{I.R.}$  and  $V_{D.R.}$  =

2. Volume Calculations for Other Uses:

one domestic internal use = .6 cfs

farm irrigation = .2 x 4.5 = .9 cfs

fish propagation (aquaculture) = 12 hrs per day x 60 min x 210 gpm =

151,200 gpd x 365 = 55,188,000 ÷ 325,860 = 169.4 cfs

RECEIVED

OCT 27 1992

# H. REMARKS AND OVERLAP REVIEW ANALYSIS

North of the pond. Water is pumped from the same pond #3 by a 2Hp pump with a 2" discharge to a sprinkler system to irrigate lawn and shrubs around the ponds and a shop building. At the well a valve diverts water into a 4" PVC pipe that connects to a 2" buried pipe to supply domestic water to a combination shop, office and living quarters. The pump is set to turn on automatically by a timer. Irrigation water is a supplement to ditch water. Pond water is used primarily for aquaculture research of exotic plants with future expansion to freshwater clams & crayfish. The pump is operated at 90% capacity 12 hrs per day for 365 days per year to maintain desired <sup>water</sup> temperature. Other rights in same ~~water~~ <sup>water</sup> do not affect this permit or supplemental irrigation rights. The total of the pond capacities is 2.1 acre feet and should be a limiting factor in the license.

# I. RECOMMENDATIONS

## 1. Recommended Amounts

| Beneficial Use   | Period of Use |       | Rate of Diversion | Annual Volume |
|------------------|---------------|-------|-------------------|---------------|
|                  | From          | To    | Q (cfs)           | V (afa)       |
| Domestic         | 1-1           | 12-31 | .02 .04           | .6 afa        |
| Irrigation       | 3-15          | 11-15 | .135 .11          | 21.15 17.1    |
| Fish Propagation | 1-1           | 12-31 | .52               | 169.4         |
|                  |               |       |                   | 187.1 afa     |
|                  |               |       | Totals: .52 cfs   | 197.2 afa     |

## 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

# J. AUTHENTICATION

Field Examiner's Name Melvin T. Schulte  
 Signature Melvin T. Schulte  
 Certification Date \_\_\_\_\_  
 Field Report Preparation Date 11-4-91

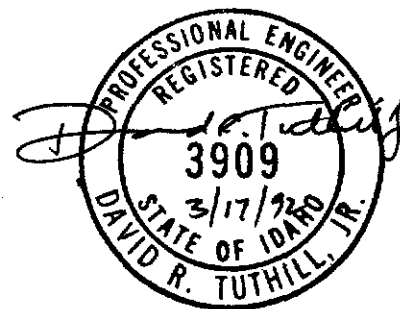
EW 1/13/92

CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

MICROFILMED

OCT 27 1992



**5 CH-225**

5 HP

**MODEL 5 CH-225  
PERFORMANCE CHARACTERISTICS**

BOWL CAST IRON or NI-RESIST — DIA. 5" O.D.

IMPELLER BRONZE or NI-RESIST

DISCHARGE 4" STANDARD

K FACTOR 2.3

MAX. O.D. W/CABLE GUARD 5 1/2"

SEALING — CUTLESS RUBBER OR BRONZE

CHANGE EFFICIENCY AS FOLLOWS

| No. of Points | No. of Stages |
|---------------|---------------|
| -3            | 1             |
| -2            | 2             |
| -1            | 3             |
| 0             | 4             |

POWER: ELECTRIC

CYCLE: 60 Hz

R P M: 3450

IMPELLER TYPE: ENCLOSED

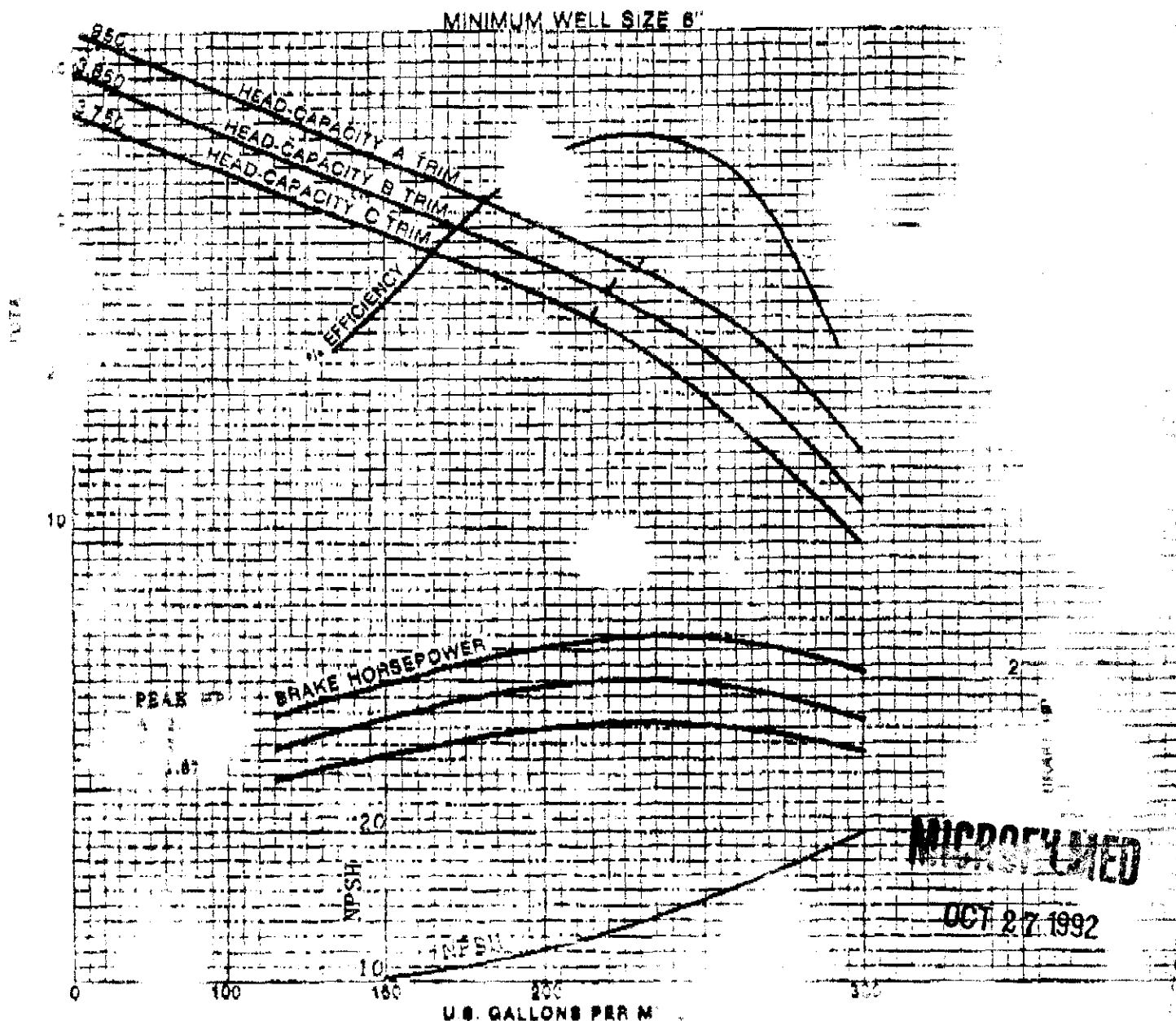
BOWL TYPE: FLANGED

CURVE SHEET NO. 1

**NOTE:** EFFICIENCY PERFORMANCE BASED ON CAST IRON BOWLS - POLISHED BRONZE IMPELLERS AND 6 FEET SUBMERGENCE.

THIS CHARACTERISTIC CURVE IS BASED ON FACTORY TESTS WHEN PUMPING CLEAR, FRESH, NON-SEDIMENTED WATER AT A TEMPERATURE NOT EXCEEDING 85° F. AND UNDER SUCTION CONDITIONS AS NOTED.

PERFORMANCE RATING IS FOR THE DESIGNATED POINT ONLY AND IS SUBJECT TO TEST METHODS AND PROCEDURES AS SPECIFIED IN THE STANDARD OF THE HYDRAULIC INSTITUTE.



# CROWN

## SUBMERSIBLES

**MANUFACTURED UP TO QUALITY, NOT DOWN TO PRICE**

### DISCHARGE MANIFOLD

Rigidly constructed sturdy casting to resist bending and stresses imposed by extreme depth settings. Grease packed shaft bearing insures lubrication and substantially prolongs the life of this important bearing.

### SHAFT

Heat treated and precision machined, oversized shaft insures trouble-free operation and increases the rigidity of the unit. Stainless steel shaft is standard in all units.

### INTERMEDIATE BEARINGS

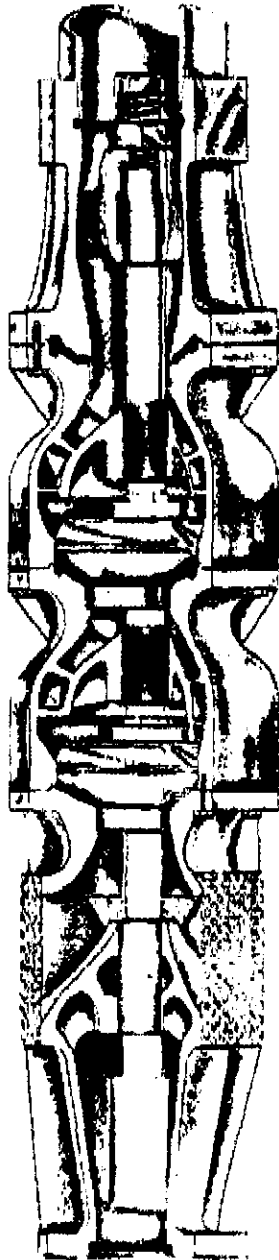
Butless rubber bearings are standard, lending resistance to sand abrasion wear on shaft bearing surface, while providing maximum support of intermediate stage impellers.

### IMPELLER COLLETS

Stainless steel tapered wedge to match impeller bore, split to simplify assembly and disassembly and provide a positive lock.

### MOTOR COUPLING

Large stainless steel coupling accurately machined for perfect alignment, balance and power transmission.



### TOP BEARING PLUG

Not only seals grease packed shaft bearing, it restricts excessive vertical upthrust on pump shaft during startup, imposed hydraulically or by positive suction pressures.

### INTERMEDIATE BOWLS

Extra heavy wall section high density castings, hydraulically designed for optimum performance. Flanged construction assures ease of assembly and disassembly. Specialized materials.

### IMPELLER

Enclosed impellers are precision cast, machined and balanced for maximum efficiency and vibration-free operation.

### MOTOR ADAPTER

Rigidly constructed sturdy casting supports lower shaft bearing and allows use of extra large motor capacity - without stress distortion during operation. Enclosed coupling area restricts entrance of abrasive materials and protects motor seal. Hydraulically designed to minimize entrance losses.

**CROWN PUMP CORPORATION**

**MICROFILMED**  
OCT 27 1992

## DOMESTIC FAX



4252 South Eagleson Road, Boise, Idaho 83705 - U.S.A  
Tel: 208 362 5588 -- FAX 208 362 3171

EUROPEAN SALES OFFICE  
COLED BU

Nijverheidsweg 7  
3471 GZ Kamerik, Holland  
Tel: 31 3481 2244  
FAX 31 3471 1555

June 21, 1991

FAX 334 2348

To: State of Idaho  
Department of Water Resources

Att: Mr. Mel Schulte  
Water Rights Examiner

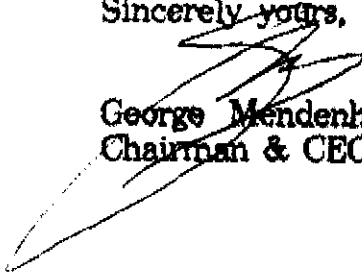
Ref: Permit 68-10473, examination and information request.

Dear Mr. Schulte,

As per your request today please find enclosed a copy of the pump type, manufacture and pump curves as per your request. Also enclosed is a copy of letter written to Gary Spackman on July 31, 1989 that may be of interest if you do not have a copy in your file.

It was good to meet you and thanks for your time this morning.

Sincerely yours,

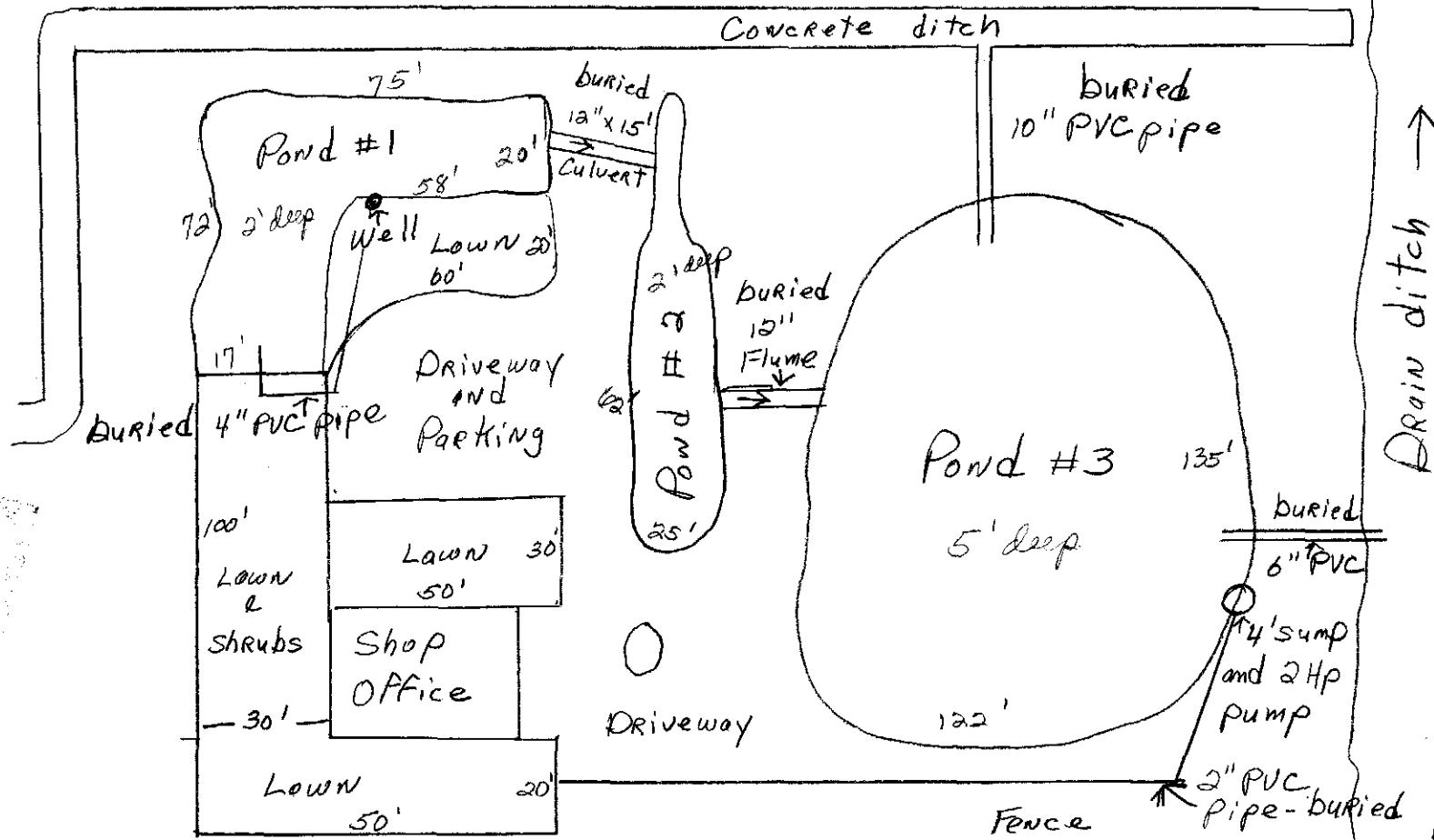
  
George Mendenhall,  
Chairman & CEO

RECEIVED  
OCT 27 1992

63-10473  
System Diagram

3.8 acre  
Irrigated Field

N ↑



DCR 27 1992

Not to scale

63-10473

# Polysonic Measurement

MODE SELECT  
INPUT  
6-21-91 11:00am

OUTER DIAMETER  
4.5358 IN

PIPE MATERIAL  
? PUC

WALL THICKNESS  
0.2510 IN

INNER LINING  
? NO LING.

KIND OF FLUID  
? WATER

SENSOR MOUNTING  
? U

TYPE OF SENSOR  
? SMALL

DATA CHANGE  
? NO

SPACING  
2.711 IN U

ZERO MODE  
CLEAR

ZERO MODE  
AUT ZERO

ZERO MODE  
ZERO OPR

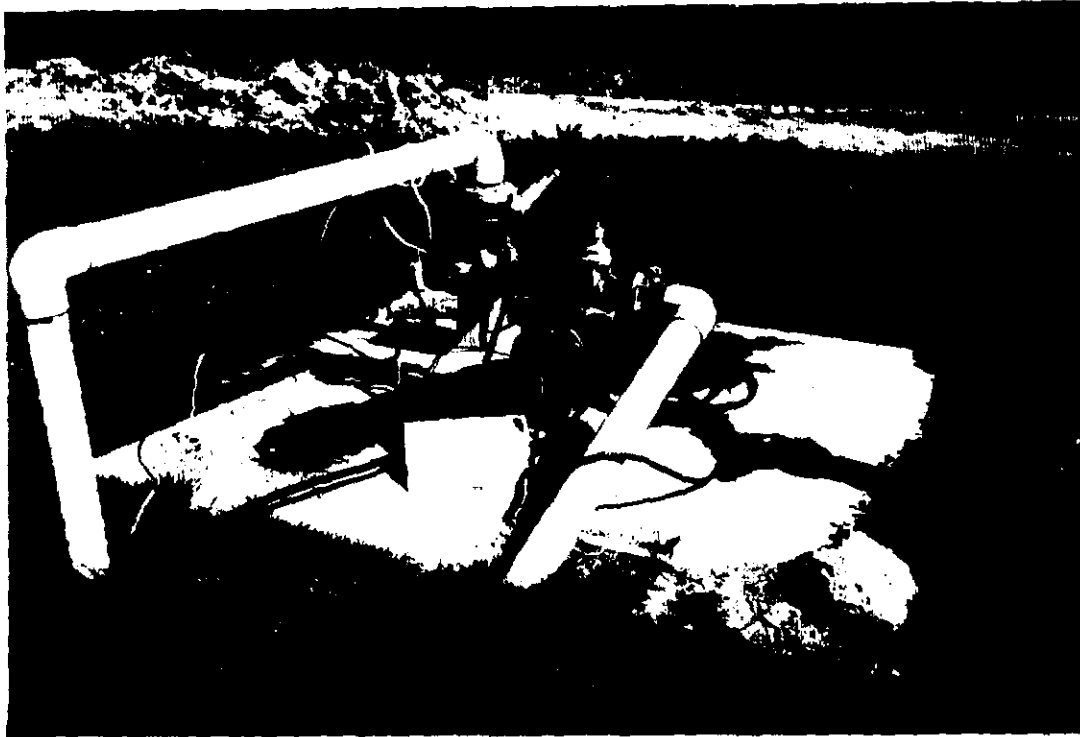
00-00 01:0200 \*R  
+ 2.304E 2GPM

00-00 01:0300 \*R  
+ 2.355E 2GPM

00-00 01:0300 \*R  
+ 2.352E 2GPM

OCT 27 1992

63-10473



#1

P/D

Polysonic flow  
rate measurement  
taken at 4" PVC  
pipe located  
3' above ground  
level.



#2.

Discharge pipe  
into pond #1



MICROFILM

OCT 27 1992

63-10473



#3  
View of pond #1,  
and site of  
well



#4  
View of 12" culvert  
between pond #1 and  
pond #2



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OCT 27 1992

63-10473



#5

View of pond #2  
in foreground  
and pond #3  
in background.



#6.

12" rectangular  
flume to carry  
overflow from  
pond #2 to  
pond #3

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63-10473



#7

Overflow pipe from  
pond #3 to drain ditch.



#8

Site where overflow from  
pond #3 enters drain  
ditch.

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OCT 27 1992

63-10473

#9

Concrete flume with headgate  
that allows water to flow from  
pond #3 to irrigate field  
shown in picture # 10



#10.

Irrigation  
PIU



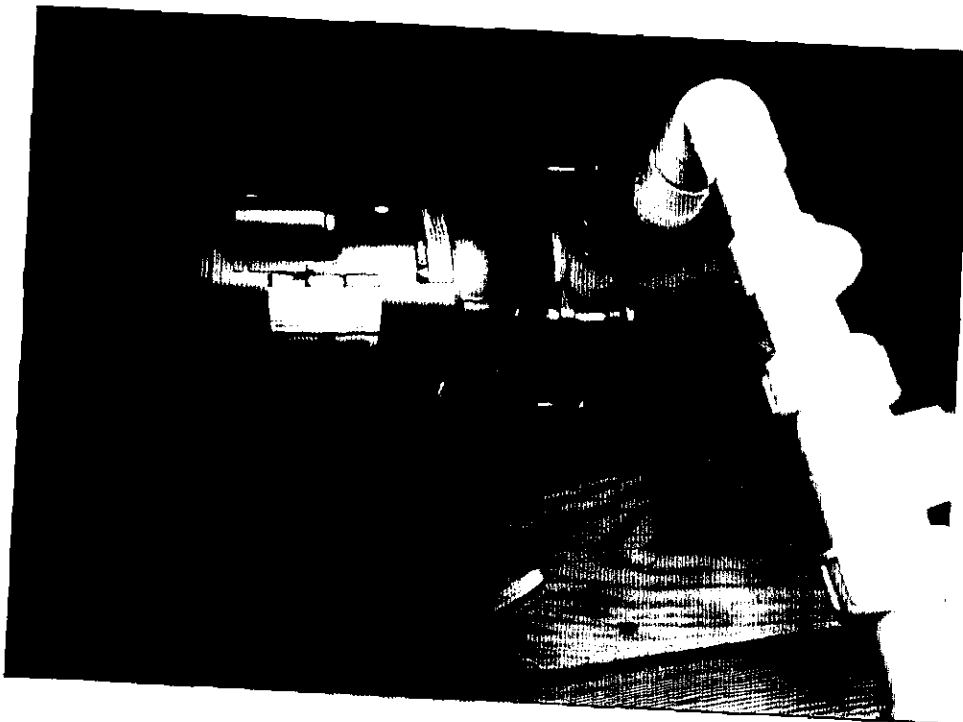
WICKLIFF  
OCT 27 1992

63-10473



#11

Location of 2 Hp pump used to divert water from pond #3 to a sprinkler system used to irrigate lawn around the ponds and shop area.



#12

2 Hp pump used as part of lawn sprinkler system.

MICROFILMED

OCT 27 1992



#13  
PID - shop,  
office and  
living quarters.

MICHAEL  
OCT 27 1992

Department of Water Resources

WELL INSPECTION FORM

If well is associated with water right, provide WR# 63-10473

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description: TWP5N, Rge5W, Sec.6, SE1/4SW1/4 or Lot\_\_\_\_\_.

2. Owner: GME, Inc.

Address 4252 S Eagleman Rd., City Long, St Id.

3. Casing  $\geq$  12 inches above ground: Yes\_\_\_\_\_ No\_\_\_\_\_

4. Access Port: Yes\_\_\_\_\_ No ☒ Static Water Level: 3'

\* Pressure Gauge: Yes ☒ No\_\_\_\_\_ Casing Diameter: 6"

Flowing: Yes\_\_\_\_\_ No ☒ Temperature: 80°

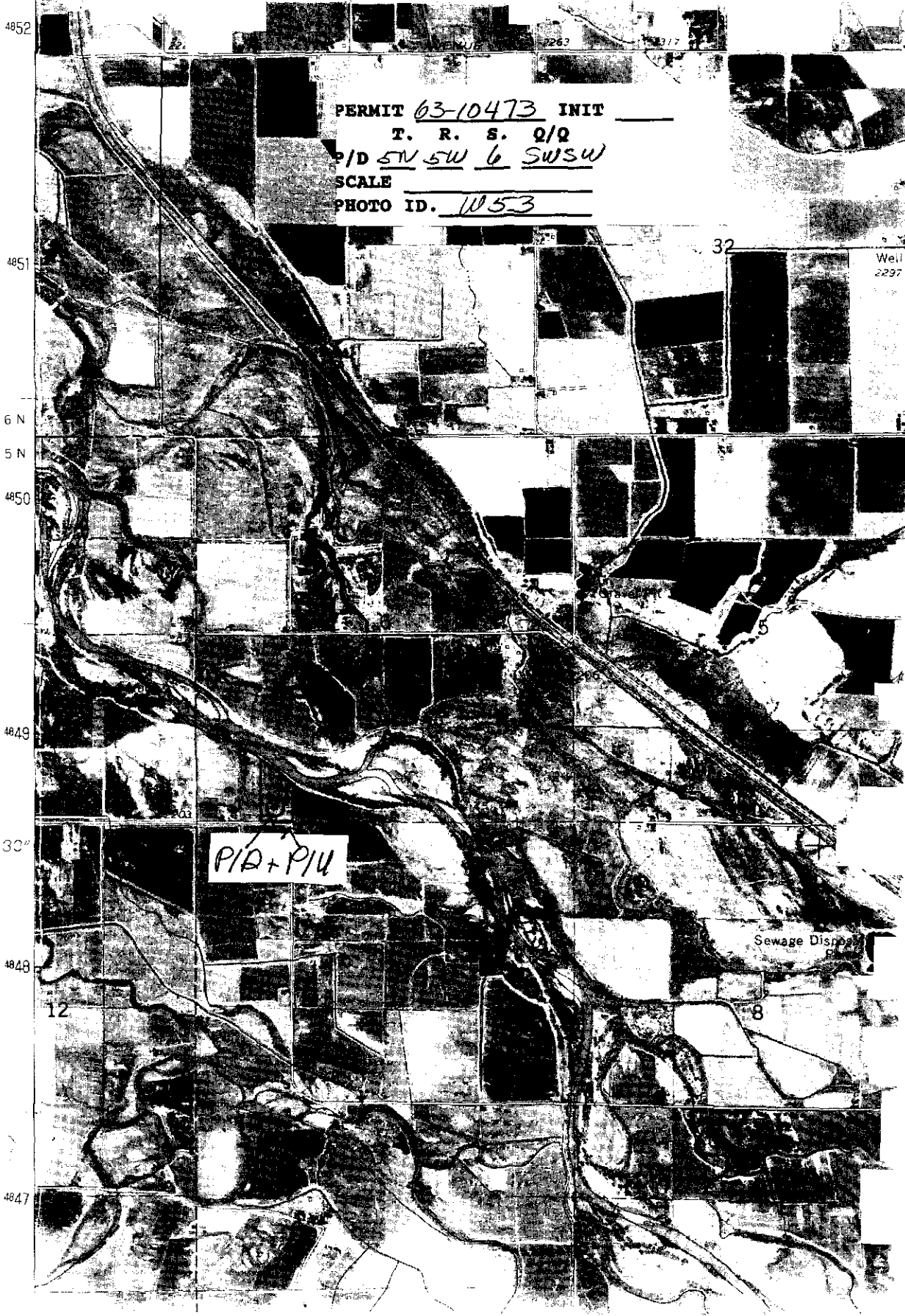
5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes\_\_\_\_\_ No ☒

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: Pressure Gauge not functional

RECEIVED

OCT 27 1992



PERMIT 03-10473 INIT  
T. R. S. Q/Q  
P/D 5N 5W 6 SWSW  
SCALE  
PHOTO ID. 1053

T6N  
T5N

P/D + P/U

Sewage Disposal

RECORDED

OCT 27 1992

PERMIT 63-10473 INIT

T. R. S. Q/Q

P/D 5N 5W 6

SCALE

PHOTO ID.

R6W

T4869

1 4.2

2 7.5

16

T48

2 7.8

T60

2 25.6

N/NW

N/NW

6 13.8

9 19.8

N/NW

10 3.3

14 10.8

24 10.6

23 27.2

5 2.2

4 16.4

8 5.2 N/W

T60

13 2.4

N/W

12 14.9

15 20.0

OCT 27 1992

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 63-10473

Date: 9/20/89

General Considerations:

- ☒ Name same as permit  
☒ Signature the same as permit holder  
☒ Address change *Need to check* If yes, prepare a data entry  
☒ Proof received timely  
☐ Reinstated

Source of Water:

- ☐ Surface water  
☒ Groundwater  
☒ 1. well log in file *well logs in file (are they the right ones)*  
☒ 2. drilling permit *nothing on Micro -*  
☒ A. amount of drilling fee paid for proposed uses

Check Conditions -

Extent of Use and Rate of Diversion:

- ☒ Rate of diversion appropriate for uses  
☒ Is rate or volume and fee appropriate?  
☒ Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

- ☒ Is a measuring device or access port required?  
☒ Has one been installed?  
☒ Waiver or modification of measuring device requested

Remarks:

*Proof acceptable*

Priority Calculation:

|                     |           |   |
|---------------------|-----------|---|
| Date proof received | <u>NA</u> |   |
| Date proof due      |           | - |
| No. of days late    |           | = |
| Priority date       |           | + |
| NEW PRIORITY DATE   |           | = |

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

*Check ADDRESS  
one says 4242  
the other 4252*

Form 217  
03/86

RECEIVED  
AUG 01 1989

STATE OF IDAHO

Department of Water Resources

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only  
Fee Received 900.00  
Date 8/1/89  
Receipt # 0008701  
Receipt by C. P. P. 9/24/89  
Reviewed by 9/24/89  
Sent to region       

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has 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 or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 63-10473

Name(s) of Permit Holder: GME INC.

Post Office Address: 4252 So. EAGLESON ROAD, BOISE,  
IDAHO 83705

Telephone No. 362-5588

Source of Water: GROUND, WELL

Extent of Use:

Domestic X 1 (number of households) Stockwater        (number and type of stock)

Irrigation X 31 (acres) Other/Remark FIS PROPAGATION

Total rate and/or volume for which proof is submitted 0.557 cfs        acre-feet

Show the date water was first diverted and beneficially used under this permit: JULY 1, 1989

Measuring Device: Required? Yes X No  
Installed? Yes X No

Fee enclosed \$ 100.00  
(See License Examination Fee Schedule)

Flow Measurement Port: Required? Yes        No  
Installed? Yes        No

Person to contact to accompany the Department representative during the field examination:

GEORGE MENDENHALL  
(Name)

362-5588  
(Telephone Number)

4252 So. EAGLESON Rd, BOISE 83705  
(Address)

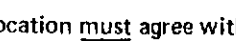
The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

MICROFILMED

SEP 1989

July 30, 1989 GME INC. By George Mendenhall  
Date Signature of Permit holder (and title, if appropriate)  
Chairman's CEO

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.

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>6. LOCATION OF WELL</b></p> <p>Sketch map location <u>must</u> agree with written location</p> <div style="text-align: center;">  </div> <p>County <u>Sevier</u> Canyon <u>50</u></p> | <p style="text-align: center;"><b>DRILLERS CERTIFICATION</b></p> <p>I/We certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>Daugherty Drilling</u> Firm No. <u>333</u></p> <p>P.O. Box <u>700</u></p> <p>Address <u>Parma, ID 83660</u> Date <u>5-2-89</u></p> <p>Signed by (Firm Official) <u>[Signature]</u></p> <p style="text-align: center;">and</p> <p>(Operator) <u>[Signature]</u></p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# GME inc.

4252 SOUTH EAGLESON ROAD  
BOISE, IDAHO 83705 U.S.A.

## RESEARCH DIVISION

TEL: 208 362 5588  
FAX 208 362 3171  
TELEX 368018 GME

EUROPEAN SALES AND  
ENGINEERING OFFICE

 **COLCO BV**   
Nijverheidsweg 7  
3471 GZ Kamerik  
Netherlands  
Tel: 31 3481 2244  
FAX 31 3481 1555

July 31, 1980

TO: Department of Water Resources, State of Idaho  
1301 North Orchard street  
Boise, Idaho 83720

**RECEIVED**  
AUG 01 1989

Att: Mr. Gary Spackman

Department of Water Resources

Ref: 1) Permit number 63-10473  
2) Proof of Beneficial Use

Dear Mr. Spackman,

As per my telephone conversation with you this morning please find our "Proof of Beneficial Use" form completed and enclosed, together with our check in the amount of \$100.00 for the fee.

At the moment this is a non flowing artesian well. We are pumping maximum with a 4 inch submersible pump of 250 G.P.M. (Aprox. 0.557 c.f.s).

The water temperature at the ground level discharge maintains 74° F. This well was cased to about 530 ft to shut out all upper level water flow, and as the flow between 530 feet and 950 feet was not significant we calculate that the bottom hole temperature would not vary more then a few degrees, well below the thermal requirements.

It is interesting to note that the "Chevron Highland well" corresponds very closely to the geology of our well. In the Chevron well they hit 83° water at about 1570 feet above sea level and we hit (what we believe to be) the same geological strata in our well at about 1150 feet above sea level. The Chevron well at this point was about 1070 ft deep and ours 1030 ft.

This shows a upward slope from our well to the Chevron well of about 400 feet in 6 and 1/2 miles north east. This seems to correspond to available geological data.

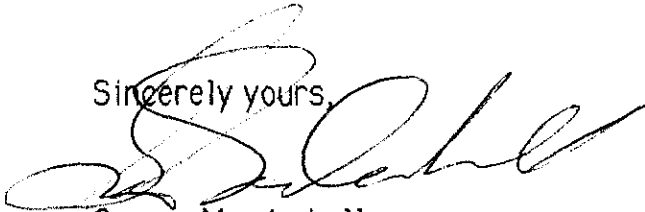
**MICROFILMED**

SEP 22 1989

I know all this information is not required but we found so little information to project a well on I thought it might be helpful to you in the future.

If it were not for the fact we were looking for warm (not hot) water we could have stopped at the 250 foot level where we believe we could have obtained 300 gpm's or more from the tremendous amount of water in these upper level strata's.

Sincerely yours,

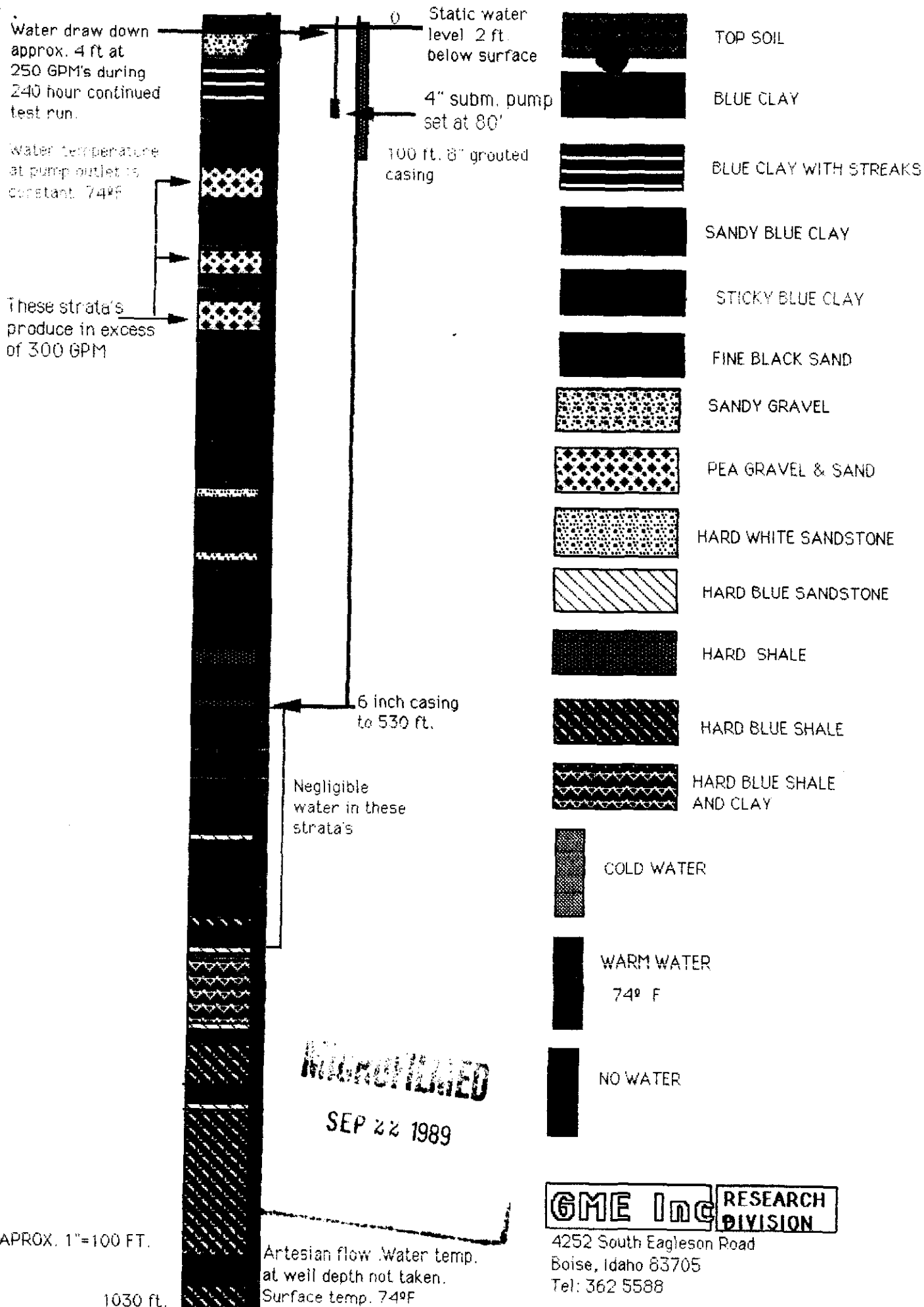


George Mendenhall  
Chairman & CEO

Encl: "Proof of Beneficial Use"  
Check in amount of \$100.00 for fee.  
Computer chart showing well data.

MICROFILMED

SEP 22 1989



NOTES:  
SCALE APROX. 1"=100 FT.

**GME Inc** **RESEARCH DIVISION**

4252 South Eagleson Road  
Boise, Idaho 83705  
Tel: 362 5588

FROM

Bob Fleenor

DATE

2-28-89

10:10 am

TO

File No 63-88201

WR Permit 63-10473

SUBJECT

Drilling Permit

(George Mendenhall)

GME Executive Director called and requested and was given permission to drill deeper than 1000 feet unless geothermal water is encountered. They are presently at 850 feet and have encountered a hard strata.

MICROFILMED

MAR 06 1989

BDF

SIGNATURE

February 2, 1989

GME, Inc.  
4252 S. Eagleson Rd.  
Boise, ID 83705

Gentlemen:

Re: Permit No. 63-10473

Enclosed is a copy of the approved request for extension of time. The time within which to submit the proof of beneficial use form is extended to February 1, 1990.

If you have any questions or concerns regarding the permit, please feel free to contact this office.

Sincerely,

RITA I. FLECK  
Secretary/Records Manager

Enclosure

**MICROFILMED**

MAR 06 1989

## STAFF REVIEW SHEET - EXTENSION OF TIME

Permit No. 63-10473Reviewed by [Signature]Date 2-1-1989

## BASIC INFORMATION

Y Date stamp received  
Y Extension received timely  
 (not prior to 6 month before proof due date or after reinstatement period)  
Y Fee received and receipted  
Y Name and signature same as permit  
N Address change (indicate on coding sheet)

## BASIS FOR EXTENSION REQUEST

Y Has adequate work been completed to demonstrate due diligence?  
Y Has the cost incurred been adequate to demonstrate an intent to complete the project?  
N/A Has the permit been involved in litigation?  
 a. Swan Falls \_\_\_\_\_ Dismissed from Swan Falls \_\_\_\_\_  
 Other \_\_\_\_\_ Identify \_\_\_\_\_  
 b. Is supporting documentation needed to complete the file? \_\_\_\_\_  
 Requested \_\_\_\_\_  
 c. Calculate the period of delay

Date litigation completed \_\_\_\_\_

Date litigation began \_\_\_\_\_

Total period of delay = \_\_\_\_\_

Present proof due date + \_\_\_\_\_

NEW PROOF DUE DATE = \_\_\_\_\_

N/A Is delay by a government agency?  
 Is supporting documentation needed to complete the file? \_\_\_\_\_  
 Requested? \_\_\_\_\_

ACTION TAKEN - *Recommend approval based on due diligence for one year*

Special conditions or remarks:

Reinstate Date extension received \_\_\_\_\_ = \_\_\_\_\_  
 Proof due date \_\_\_\_\_ = \_\_\_\_\_  
 No. of days late \_\_\_\_\_ = \_\_\_\_\_  
 Priority date \_\_\_\_\_ = + \_\_\_\_\_  
 ADJUSTED PRIORITY DATE \_\_\_\_\_ = \_\_\_\_\_

1 Prepare coding sheet  
1 Change rolodex card



FOOD PROCESSING  
EQUIPMENT  
DIVISION

4252 South Eagleson Road  
Boise, Idaho 83705 U.S.A.



Rita Fleck  
Secretary/Records Manager  
State Dept. of Water Resources  
1301 North Orchard St., Statehouse Mail  
Boise, Idaho 83720



GME INC.  
4242 S. EAGLESON RD.  
SUITE 108  
BOISE, ID 837050000

November 30, 1988

138776

PROOF DUE NOTICE

RE: PERMIT NO. 63-10473

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 February 1, 1989. (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,

Rita Fleck  
Secretary/Records Manager

Enclosures

**MICROFILMED**

MAR 06 1989



State of Idaho  
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 334-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

October 11, 1988

GME, Inc.  
4252 S. Eagleson Road  
Boise, ID 83705

Attention George Mendenhall

RE: Drilling Prospectus  
63-10473  
63-88-Z-01

722-  
6731  
Dennis D

Dear Permit Holder:

Mr. Dennis Daugherty of Daugherty Well Drilling submitted the enclosed drilling plan for your proposed well. The plan is approved with the following conditions:

- o If several water bearing zones are encountered, an additional string of casing may be required to isolate zones of different temperatures and pressures.
- o If the well encounters water with a bottom-hole temperature of 85°F or above, the owner will be required to submit a bond of \$5,000 to \$20,000 as required by Section 42-233, Idaho Code.
- o If a bottom-hole temperature of 85°F or above is encountered, the Department shall evaluate the proposed use of the water and may require abandonment of the well.
- o The well driller shall provide to the Department a water temperature at land surface during any pump tests that may be performed.

As you can see, the Department is concerned that you may hit hot water. Your driller may call me and should call me if he has any questions or concerns during drilling.

Sincerely,

JOHN E. BEAL, Manager  
Groundwater Protection Section

JEB:ldt(GP13-1.16)

CC: IDWR - Western Region  
Dennis Daugherty

MICROFILMED

MAR 06 1989

10/5/88

Riverside  
Daugherty Well Drilling  
Drilling #333  
Drilling Permit #63-88-~~200~~01  
Water permit #63-10473

Re: GME well

Drilling Prospectus:

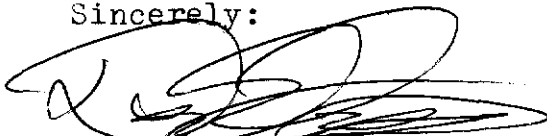
From our experiance in the area we will probably hit blue clay within 6 feet of the surface. (customer has dug with backhole some test holes & confirmed this). We believe it will be layered with small streaks of sand and possibly gravel down to about 80 feet where we will probably encounter a real good sticky blue clay with no water layers for considerably depth. Once we drill thru the blue or encounter water bearing material after that it has a good chance of being artisian. It is unlikely it will be above 85 degrees, but is possible.

Once we drill into a waterbearing aquifer below the blue clay it will probably be the completion of depth. If the customer does not want this water and would like to continue drilling, we would have to case down past this layer and case to the top, and continue drilling at smaller dia.

Our basic well construction would be to drill 12-13" bore hole down to 100 feet, set 100 feet 8"x.250 wall casing to bottom. Since the static water table is about 4' feet we would have to pressure grout the 8" casing in from the bottom up. Once this is set we would continue drilling with about 7 $\frac{1}{2}$ " bore hole until new Aquifer is encountered.

(diagram of well construstion is enclosed)

Sincerely:

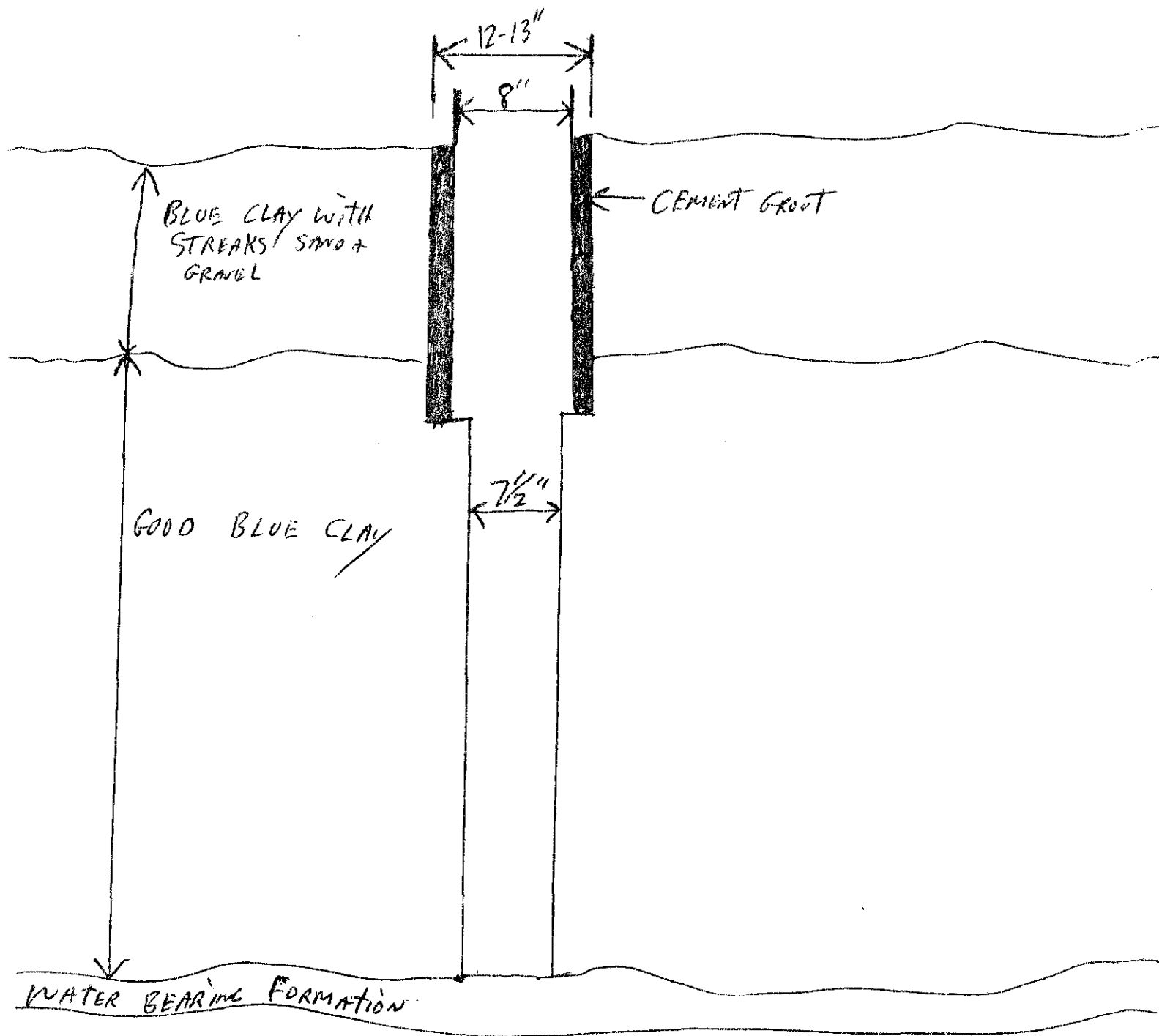


Dennis D. Daugherty

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MAR 06 1989

# PROBABLE WELL CONSTRUCTION



MICROFILMED

MAR 06 1953

State of Idaho  
Department of Water Resources

DRILLING PERMIT

(Authorizing Construction of a Well)\*

1. Applicant GME, Inc.
2. Address 4252 So. Eagleson Road, Boise, Idaho 83705  
Phone contact: George Mendenhall, CEO 362-5588  
(X) Well Owner ( ) Well Operator ( ) Other, specify \_\_\_\_\_
3. Water right permit no. \_\_\_\_\_; Injection well permit no. \_\_\_\_\_
- \*\*4. Proposed well location 1/4 SE 1/4 SW 1/4, or Gov't lot No. \_\_\_\_\_,  
Sec. 6, Twp. 5N, Rge. 5W, County Congress,  
Lot, block and subdivision SEE ATTACHED SURVEY DESCRIPTION
5. Proposed use of well: (Check all that apply)  
☒ Domestic ☒ Stockwater ( ) Monitoring  
☒ Irrigation ( ) Industrial ( ) Municipal  
( ) Injection ( ) Other, Specify AQUA PONDS
6. Well construction information:  
(X) New well ( ) Deepen ( ) Replace  
Proposed surface diameter 6 inch Proposed depth 1000 ft. prox.  
Anticipated bottom hole temperature: Not over 85° F  
☒ 85° F or less (Cold water well)  
( ) 85° F to 212° F (Low temp. geothermal well) If not cold water will block to  
( ) 212° F or more (Geothermal well) prevent hot water well.
7. Anticipated construction start date next 6 months
8. Well Driller (if known) not yet known, will advise on contract  
Address \_\_\_\_\_  
Date Nov. 25, 87 Applicant's signature [Signature]  
Title Chairman and CEO

\* After other pre-requisite approvals have been obtained.

MAR 01 1988



State of Idaho  
**DEPARTMENT OF WATER RESOURCES**  
**STATE OFFICE,** 1301 North Orchard Street Boise, Idaho 83706-2237 • (208) 334-4440

CECIL D. ANDRUS  
Governor

R. KEITH HIGGINSON  
Director

January 20, 1988

RE: Permit No. 63-10473

GME Inc.  
4242 S. Eagleson Rd., Suite 108  
Boise, ID 83705

Dear Permit Holders:

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval on the final page. Also enclosed is the approved drilling permit submitted in connection with this water right.

Please be advised that your plans for fish propagation may be subject to regulations of the Idaho Department of Fish and Game. We suggest that you check with them before starting construction.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Also note the condition requiring you to submit a drilling prospectus to this Department for review and approval prior to constructing the well.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Enclosed too for your convenience is the statement of beneficial use that must be submitted when your project is completed.

Sincerely,

GARY SPACKMAN, Supervisor  
Water Allocation Section

GS:sc  
Enclosures

**RECEIVED**  
MAR 01 1988

1-Dec-1987

STATE OF IDAHO DEPARTMENT OF WATER RESOURCES  
WATER RIGHTS ABSTRACTS

WR-NUMBER:  
63-10473

CURRENT OWNER:  
GME INC.  
4242 S. EAGLESON RD. #108  
BOISE, ID 837050000

PRIORITY DATE:  
5-May-1987

STAGE:  
APPLICATION

SOURCE: GROUNDWATER

WATER USE:

DIVERSION-RATE:

TRIBUTARY:

FROM

TO

DIVERSION-VOLUME:

IRRIGATION

.400 CFS

03/15

11/15

.00 AF

DOMESTIC

.040 CFS

01/01

12/31

.00 AF

FISH PROPAGATION

.620 CFS

01/01

12/31

.00 AF

TOTAL RATE: .660 CFS

TOTAL VOLUME: .00 AF

REMARKS: SUPPL. WATER.

POINT OF DIVERSION: T05N R05W S06 SESESW  
T05N R05W S06 SWSESW

PLACE OF USE: T05N R05W S06 SWSW AC 05  
T05N R05W S06 SESW AC 15  
TOTAL ACRES: 20

RECEIVED

MAR 01 1988

FROM

*John Beal*

INTER-DEPARTMENT MEMO — 1

DATE

*11/30/87*

TO

*Gray Spackman*

SUBJECT

*63-10473*

*Is this snilling permit OK  
to approve?*

*Database shows  
application*

*John Beal*  
SIGNATURE

CONVERSATION MEMORANDUM

Date 11-25-87 File # 63-10473

NAME OF PARTY GEORGE Mendenhall

EMPLOYEE Jim

RE well permit

P.H. 362-5588

John please  
call this guy.

To: File 63-10473

They will submit drilling  
permit - Other to follow  
After they get a  
driller

**MICROFILMED**

MAR 01 1988

# GME, Inc.

FOOD PROCESSING  
EQUIPMENT  
DIVISION

**WEST EUROPEAN SALES, CONTACT**

COLCO BV, Nijverheidsweg 7 3471 GZ Kamerik  
Holland Tel: 31 3481-2244; Telex 47775 AZZA

**4242 South Eagleson Road, Suite 108, Boise, Idaho 83705 U.S.A.**

- NATIONAL & INTERNATIONAL SALES • SHOWROOM
- RESEARCH, DEVELOPMENT & ENGINEERING DEPARTMENT
- LABORATORY, TEST PLANT AND MANUFACTURING FACILITIES

**TEL: 208/362-5588 or 362-3050, TELEX 368018 : GME**

NOVEMBER 25, 1987

MR. JOHN BEALE  
STATE DEPARTMENT OF WATER RESOURCES  
450 W. STATE STREET  
BOISE, IDAHO 83720

REF: LETTER OF OCTOBER 14, 1987  
APPLICATION FOR PERMIT 63-10473

DEAR MR. BEALE,

THANK YOU FOR YOUR TELEPHONE INFORMATION RE THE ABOVE PERMIT. AS SOON AS WE CAN CONTACT A WELL DRILLER, WE WILL CONTACT YOUR OFFICE TO COMPLETE DETAILS OF YOUR PERMIT.

WE HOPE TO COMPLETE THIS PROJECT SOON, BUT BECAUSE OF PROBLEMS WITH WELL DRILLERS THIS PAST YEAR, I JUST CANNOT SAY UNTIL WE PUT THIS OUT FOR BID AND CONTRACT.

AS I TOLD YOU ON THE PHONE, WE ARE LOOKING FOR AN ARTIZIAN WELL IF POSSIBLE BUT NOT HOT WATER.

I HOPE THIS SATISFIES THE STATE NEEDS. IF YOU NEED SOMETHING FURTHER PLEASE ADVISE. OUR CHECK IN THE AMOUNT OF \$100.00 IS ENCLOSED.

SINCERELY,

*George Mendenhall*  
GEORGE MENDENHALL

ENC: 3

GM/li

RECEIVED

MAR 01 1988

BLAKLEY ENGINEERS, INC.  
(Chartered)

HOME OFFICE:  
BOX 579 - 621 SO. 4TH AVE. - TEL. 489-1516  
CALDWELL, IDAHO 83605

826 CENTER AVENUE - TEL. 842-2822  
PAYETTE, IDAHO 83661

816 WASHINGTON AVENUE - TEL. 365-8951  
EMMETT, IDAHO 83617

ROUTE NO. 3, BOX 100 - TEL. 889-9283  
ONTARIO, OREGON 97914

DESCRIPTION FOR

G. M. E. INC.

PARCEL 1

JOB NO. SC 060485

BOOK 309

July 9, 1985

This parcel is a portion of Government Lot 7 and a portion of the S.  $\frac{1}{2}$  SE.  $\frac{1}{4}$  SW.  $\frac{1}{4}$ , Seciton 6, Township 5 North, Range 5 West of the Boise Meridian and is more particularly described as follows:

BEGINNING at the Southeast corner of the said SE.  $\frac{1}{4}$  SW.  $\frac{1}{4}$ ;

Thence North  $89^{\circ} 32' 39''$  West along the South line of the said SW.  $\frac{1}{4}$ , a distance of 1675.60 feet to a point which is North  $89^{\circ} 32' 39''$  West, a distance of 353.00 feet from the Southeast corner of said Government Lot 7;

Thence North  $0^{\circ} 38' 46''$  West along a line parallel with the East line of said Government Lot 7, a distance of 1324.55 feet to a point on the North line of said Government Lot 7;

Thence South  $89^{\circ} 29' 53''$  East along the North line of said Government Lot 7, a distance of 353.00 feet to the Northeast corner of said Government Lot 7;

Thence South  $0^{\circ} 38' 46''$  East along the East line of said Government Lot 7, a distance of 700.90 feet to a point on the Southerly Mean High Water Line of the Boise River;

Thence meandering along the said Southerly Mean High Water Line of the Boise River, South  $50^{\circ} 48' 34''$  East, a distance of 11.64 feet;

South  $57^{\circ} 25' 52''$  East, a distance of 81.37 feet;

South  $64^{\circ} 33' 11''$  East, a distance of 211.48 feet;

South  $72^{\circ} 53' 58''$  East, a distance of 140.63 feet;

North  $66^{\circ} 37' 36''$  East, a distance of 232.14 feet;

Thence leaving said Southerly Mean High Water Line of the Boise River South  $19^{\circ} 34' 23''$  East, a distance of 27.03 feet;

Thence North  $89^{\circ} 30' 25''$  East (formerly due East), a distance of 700.00 feet to a point on the East line of the said SE.  $\frac{1}{4}$  SW.  $\frac{1}{4}$ ;

Thence South  $0^{\circ} 29' 35''$  East (formerly due South) along the East line of the said SE.  $\frac{1}{4}$  SW.  $\frac{1}{4}$ , a distance of 523.14 feet, to the TRUE POINT OF BEGINNING.

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MAR 01 1988

CONTINUED

PAGE: 2

DESCRIPTION FOR:

G. M. E. INC.

PARCEL 1

BOOK 309

JOB NO. SC 060485

July 9, 1985

This parcel is subject to Flood Plain along the Northeasterly boundary.

This parcel is subject to all easements and rights-of-way existing or of record.

This parcel contains 26.33 acres.

**MICROFILMED**

MAR 01 1988



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

CECIL D. ANDRUS  
Governor

R. KEITH HIGGINSON  
Director

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

October 14, 1987

RE: Application for Permit No. 63-10473

GME Inc.  
4242 S. Eagleson Rd., Suite 108  
Boise, ID 83705

Dear Applicant(s):

The Department has completed the advertising and preliminary review of the above referenced application and is ready to issue a permit upon your compliance with newly enacted sections of the Idaho Code, which became effective July 1, 1987.

Section 42-233, Idaho Code, requires that in order to construct the proposed low temperature geothermal well (a well having a bottom hole temperature greater than 85 degrees Fahrenheit but less than 212 degrees Fahrenheit), you must file a surety bond or cash bond with the Director of the Department in an amount not less than \$5,000 nor more than \$20,000. Since you are not seeking low temperature geothermal water, the Department will not require a bond prior to construction of the well. You need to be aware, however, that the bond will be required if the water obtained has a bottom hole temperature of 85 degrees Fahrenheit or higher.

Section 42-235, Idaho Code, requires that you apply for a drilling permit which is a separate requirement than the application for a permit to develop a water right which you have already submitted. The drilling permit application for the use you propose must be accompanied by a \$100.00 filing fee. Enclosed is a copy of this Code section for your reference.

After submittal of the drilling permit, the driller engaged to construct the well will have to submit a drilling prospectus to the Department describing proposed construction, casing and sealing of the well for review and approval prior to actual construction of the well.

**MICROFILMED**

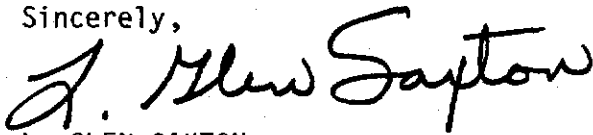
MAR 01 1988

Page 2  
Application for Permit 63-10473  
October 14, 1987

Please submit the application for drilling permit to the Department within 60 days in order for the Department to further consider the water right application. Failure to submit the required information will be cause for the Department to void the record of the application pursuant to provisions of Section 42-204, Idaho Code.

If you have any questions, please feel free to contact this office or our Western Regional Office, phone 334-2190.

Sincerely,



L. GLEN SAXTON  
Chief, Operations Bureau

LGS:sc

Enclosures  
cc: Western Region

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MAR 01 1988

To: Glen S.

From John B.

Per John C's connects there is a good chance this well will hit 85°F water if drilled 1000'.

You could condition permit

or in letter add.

Before this well is drilled a drilling permit must be obtained. Due to the depth of the proposed well it is possible that you will encounter LTR. ~~if~~ A drilling plan with proposed casing schedule ~~and~~ and cementing plan must be submitted with the request for a drilling permit.

Also inform the of bond in 42-233.

FROM

JB.

DATE

9/30/87

TO

John C.

SUBJECT

What are chances of hot  
water at this site.  
1000' depth.

  
SIGNATURE

Memo.

To: John B.

9/30/27

GMEI... 5N 5W sec 6 SE SW Canyon County, Parmona.

Warm Wells 5N 5W sec 9 SE NE + sec 4 SW SE

A well was noted in Mitchell's report to have a surface Temp. of  $80^{\circ}\text{F}$  with a depth of 400' in sec 4, I found a log for a city well at 513' TD. no Temp mentioned but this is most likely the well.

Two city wells in sec 9 are  $68^{\circ} + 72^{\circ}\text{F}$ .

It is thought that distribution of the thermal fluids is fault controlled, therefore if they have done their homework they might encounter warm Temp.

As no wells have been drilled to 1000' in the immediate vicinity it is possible they may attain water in the  $85^{\circ}\text{F}$  plus range. B. H.

Chances are good B. H. Temp. will be  $75^{\circ}\text{F} +$ , as the Temp. Mitchell gives are discharge Temp.

Conditions.

If Bottom Hole Temp. are  $85^{\circ}\text{F} +$  bonding will be required.

If during drilled or before well completion if B. H. T. is  $85^{\circ}\text{F} +$  at depth, will be contacted for possible special casing + sealing requirements.

gc

*Cotté* *600* *June 26*

**State of Idaho  
Department of Water Administration  
WILL COLLIER'S REPORT**

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

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY

FORWARDED THE KNIFE, BLADE, AND POKE COVERS TO THE DEPARTMENT.

Well Log Form 1  
4/55 2 M

JUN 2 1960  
Department of Reclamation

WELL LOG AND REPORT OF THE  
STATE RECLAMATION ENGINEER OF IDAHO

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_ County Canyon

Owner City of Parma

Address Parma

Driller Rich F. Feltch

Address Caldwell

Well location 1/4 Sec. 9, T. 3 N., R. 3 W.

Size of drilled hole 16"

Locate well in section

|        |        |
|--------|--------|
| NW 1/4 | NE 1/4 |
| SW 1/4 | SE 1/4 |

Total depth of well 415

Give depth to standing water from the ground 9' Water temp 72° F.

On "Pumping Test" delivery was 600 g.p.m. or c.f.s. Drawdown was 32 feet.

Size of pump and motor used to make test 6" pump, 45 H.P.

Length of time of test 48 hours \_\_\_\_\_ minutes.

If flowing well, give flow \_\_\_\_\_ c.f.s. or \_\_\_\_\_ g.p.m. and of shut off pressure \_\_\_\_\_

If flowing well, describe control works \_\_\_\_\_

Water will be used for City of Parma Weight of casing per lineal foot 40

Thickness of casing \_\_\_\_\_ Casing material Steel (STEEL CONCRETE WOOD ETC.)

Diameter, length and location of casing 10" from 0 to 312'  
(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER.  
CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER.)

CASING RECORD

| Diam.<br>Casing | From<br>Foot | To<br>Foot | Length     | Remarks—seals, grouting, etc. |
|-----------------|--------------|------------|------------|-------------------------------|
| <u>16"</u>      | <u>0</u>     | <u>312</u> | <u>312</u> |                               |
| <u>8"</u>       | <u>299</u>   | <u>415</u> | <u>116</u> |                               |

Number and size of perforations 1/8" located 38.3 feet to 411 feet from ground

Date of commencement of well 5/11/60 Date of completion of well 6/6/60

# WELL LOG

| From<br>Foot                                                     | To<br>Foot | Type of Material                                           | Water-bearing<br>Formation<br>Am. Yes or No | Casing<br>Perforated<br>Am. Yes or No |
|------------------------------------------------------------------|------------|------------------------------------------------------------|---------------------------------------------|---------------------------------------|
| This is Parnas old Well #3<br>all water has leaked off from 312' |            |                                                            |                                             |                                       |
| 300                                                              | 310        | Hard Crumbly Clay                                          |                                             |                                       |
| 310                                                              | 317        | Hard Sandy Clay & Hardpan                                  |                                             |                                       |
| 317                                                              | 360        | Fine Sand with trace coarse                                |                                             |                                       |
| 360                                                              | 375        | Coarse & Fine Sand                                         |                                             |                                       |
| 375                                                              | 385        | Hard Clay                                                  |                                             |                                       |
| 385                                                              | 395        | Sandy Clay                                                 |                                             |                                       |
| 395                                                              | 397        | lt. sand                                                   |                                             |                                       |
| 397                                                              | 415        | alternate layers of hard & loose sand<br>with lot of water |                                             |                                       |

If more space is required use Sheet No. 2

## WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed Rich. Zwick

By \_\_\_\_\_

Dated

6/20

1961

License No.

30

WELL LOG AND REPORT TO THE  
STATE RECLAMATION ENGINEER OF ARIZONA

DO NOT FILL IN

Well No. 100 Section 10 Twp. 10N R. 10E County Yuma  
 Date of completion May 10, 1937  
 Name of owner XXX  
 Name of operator XXX  
 Depth of well 315 feet  
 Diameter of casing 10 inch  
 Diameter of hole at bottom 10 inch  
 Water temp 68° Farenheit  
 Drawdown was 50 feet  
 Pumping rate 100 g.p.m.  
 Length of casing 10 inch pump and Weiss motor  
 Length of casing and hole was 40 hours 60 minutes  
 or g.p.m. and shut in pressure  
 Weight of casing per linear foot 80  
 Casing material PIPE, CONCRETE, WOOD  
 Diameter, length and location of casing 144' of 10" - 120' of 10" - 50' of 14" - 44' of 10"  
 No. and size of perforations 1/8" located 144 feet to 200 feet  
 from surface or around  
 Other perforations  
 Date of commencement of well June 8, 1937 Date of completion of well May 10, 1937  
 Type of well rig GRIND DRILL

| DIAM. CASING | FEET | FEET | FEET |
|--------------|------|------|------|
| 10"          | 144  | 120  | 50   |
| 16"          | 100  | 200  | 50   |
| 14"          | 100  | 200  | 50   |
| 10"          | 120  | 200  | 50   |

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

All pipe except the last 144 feet is 10 gauge with 1/8 inch perforation or smaller.

# WELL LOG

| From<br>Foot<br>0 | To<br>Foot<br>1 | Type of Material                               | Drilling Time |      | Water-bearing<br>Formation,<br>Yes or No | Casing<br>Perforated<br>Yes or No |
|-------------------|-----------------|------------------------------------------------|---------------|------|------------------------------------------|-----------------------------------|
|                   |                 |                                                | Hrs.          | Min. |                                          |                                   |
| 0                 | 1               | Topsoil                                        |               |      |                                          |                                   |
| 1                 | 41              | Silt                                           |               |      |                                          |                                   |
| 41                | 44              | Conglomerate, brown & blue shale, gravel       |               |      |                                          |                                   |
| 44                | 47              | Gravel                                         |               |      |                                          |                                   |
| 47                | 63              | Silt                                           |               |      |                                          |                                   |
| 63                | 78              | Blue shale, blue silt, occasional lumps clay   |               |      |                                          |                                   |
| 78                | 87              | Unconsolidated shale                           |               |      |                                          |                                   |
| 87                | 98              | Sandy shale                                    |               |      |                                          |                                   |
| 98                | 109             | Iron gray shale                                |               |      | yes                                      |                                   |
| 109               | 110             | Coarse sand & gravel                           |               |      | yes                                      |                                   |
| 110               | 113             | Sandy shale                                    |               |      | no                                       |                                   |
| 113               | 130             | Sticky clay                                    |               |      | no                                       |                                   |
| 130               | 136             | Lumpy clay                                     |               |      | no                                       |                                   |
| 136               | 163             | Heavy clay-blue shale- very dense              |               |      | yes                                      |                                   |
| 163               | 175             | Light shale                                    |               |      | yes                                      |                                   |
| 175               | 181             | Hard sandstone                                 |               |      | yes                                      |                                   |
| 181               | 193             | Light sandy shale                              |               |      | yes                                      |                                   |
| 193               | 210             | Hard sandstone                                 |               |      | yes                                      |                                   |
| 210               | 240             | Light sandy shale & layers of silt & hardpan   |               |      | yes                                      |                                   |
| 240               | 258             | Silt If more space is required use Sheet No. 1 |               |      | yes                                      |                                   |
| 258               | 273             | Light layers of silt & blue shale              |               |      | yes                                      |                                   |
| 273               | 286             | Blue shale                                     |               |      | yes                                      |                                   |
| 286               | 315             | Layers of silt, hardpan & blue shale           |               |      | yes                                      |                                   |

## WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed, *[Signature]*

By

License No. 20

Dated

19 57

*[Stamp]*

MAR 01 1908

State of Idaho  
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Jan Thun APPLICATION NUMBER: 63-10473

CHECK:

- ☒ Source. NO  
☒ Point of diversion. GOVT NOT IN SEED  
☒ County.  
☒ Quantity of water and period of use.  
☒ Description of diverting works.  
☒ Time required for beneficial use of water.  
☒ Place of use or acres irrigated.  
☒ Map.  
☒ Signature.

Field check by: \_\_\_\_\_

Date: \_\_\_\_\_

Comments: \_\_\_\_\_

☒ Fee.

☐ Yes ☒ No

Field check required.

☐ Yes ☒ No

Critical groundwater area.

☐ Yes ☒ No

Request dam safety information. Sent by: \_\_\_\_\_ Date: \_\_\_\_\_

☒ Yes ☐ No\*

In form to receipt.

\*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: \_\_\_\_\_

SEND COPIES TO:

- ☐ Idaho State Health Department.  
☐ Idaho Fish and Game Department.  
☐ Idaho Department of Lands.  
☐ U.S. Bureau of Land Management.  
☐ U.S. Forest Service.  
☐ Other \_\_\_\_\_

Copies sent by: \_\_\_\_\_ Date: \_\_\_\_\_

PROCESSING:

☐ Yes ☒ No

Platted by: \_\_\_\_\_ Map No. \_\_\_\_\_

☒ Yes ☐ No

Other rights on same place of use. SURFACE RTS. FOR IRRIG.

☒ Yes ☐ No\*

WORK FOR G.W.

☒ Yes ☐ No\*

In form for advertising.

☐ Yes ☐ No

Final date for protests: July 6, 1987

☐ Yes ☐ No

Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

☒ Affidavit of publication received. Date: June 26, 1987

☒ Application published correctly. If not, record action taken: \_\_\_\_\_

☒ Fee amount, receipt date & number, recorded on application. 45/44802

☒ Publication dates and paper, recorded on application. PRESS - TRIB. June 17 + 24, 1987

☒ Protests, dates, withdrawal, etc., recorded on application.

☒ Recommendation & initial, recorded on application.

☐ Yes ☒ No

Measuring device required.

☐ Yes ☒ No

Access port required.

☒ Yes ☐ No

Will water be delivered by watermaster? If yes, what district? 63

5/5/1987

Date of priority recommended.

Special conditions of approval or cover letter. 42, 09A

The volume of the ~~propagation~~ facility is limited to 11.1 acre-feet.  
under this permit.

MAR 01 1988

RECEIVED

SEP 8 1987

By: DRT Date: 9/4/1987 Department of Water Resources

STATE OFFICE REVIEW:

106, 105, 105, 1110

42 07A 09C

SEP 09 1987

☐ See attached sheet for more information.

By: kw Date: 9/24/87 Department of Water Resources

kw 12/30/87

# GME, Inc.

FOOD PROCESSING  
EQUIPMENT  
DIVISION

**WEST EUROPEAN SALES, CONTACT**

COLCO BV, Nijverheidsweg 7 3471 GZ Kamerik  
Holland Tel: 31 3481-2244; Telex 47775 AZZA

September 18, 1987

**4242 South Eagleson Road, Suite 108, Boise, Idaho 83705 U.S.A.**

- NATIONAL & INTERNATIONAL SALES • SHOWROOM
- RESEARCH, DEVELOPMENT & ENGINEERING DEPARTMENT
- LABORATORY, TEST PLANT AND MANUFACTURING FACILITIES

**TEL: 208/362-5588 or 362-3050, TELEX 368018 : GME**

Mr. Brad Dingee  
State of Idaho  
Department of Water Resources  
3735 Airport Way  
Boise, Idaho 83705

Ref: Your letter of September 16, 1987  
Application for permit No. 63-10473

Dear Mr. Dingee:

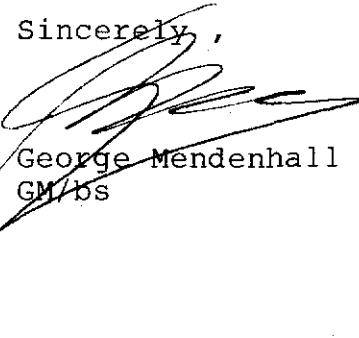
With reference to your letter above please be advised that the information you wish is on file with the Secretary of State, however we are glad to supply this information.

Director,  
Chairman of the Board and CEO - Mr. George Mendenhall  
4252 South Eagleson Road, Boise, Idaho 83705.

Corp. Secretary and Director- Mrs. Sandra Mendenhall  
same address as above.

Director - Mr. Chirs Beattie - 655 Montgomery Street suite 1440  
San Francisco, Ca. 94111 .

Sincerely,

  
George Mendenhall  
GM/bs

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**RECEIVED**  
SEP 21 1987

Department of Water Resources  
Western Regional Office



Region 3  
109 W. 44th St.  
Boise, Idaho 83714  
Telephone (208) 334-3725

August 31, 1987

David R. Tuthill, Jr., P.E.  
Manager, Western Regional Office  
Department of Water Resources  
2735 Airport Way  
Boise, ID 83705

RE: 63-10473/GME, Inc.

Dear Dave:

Idaho Department of Fish and Game personnel have reviewed the above referenced application to appropriate public water and have no objection provided that all ponds used for fish propagation be screened to prevent movement to public water of domestic fish or shellfish.

Sincerely,

Stacy Gebhards  
Regional Supervisor  
Region 3/Boise

SG:WR:em

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MAR 01 1988

RECEIVED

SEP 23 1987

Department of Water Resources

RECEIVED

SEP 10 1987

Department of Water Resources  
Western Regional Office

EQUAL OPPORTUNITY EMPLOYER



State of Idaho  
**DEPARTMENT OF WATER RESOURCES**  
Western Region

Cecil D. Andrus  
Governor

2735 Airport Way  
Boise, Idaho 83705  
(208) 334-2190

July 14, 1987

Stacy Gebhards  
Regional Supervisor  
Idaho Department of Fish & Game  
Region 3  
Statehouse  
Boise, ID 83720

Re: Application for Permit No. 6340473 in the Name of GME Inc.

Dear Mr. Gebhards:

Enclosed is a copy(s) of the above referenced application(s) for permit which may be of interest to your agency. Please review the application(s) and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter, however, if your agency desires to file a formal protest against the approval of this application(s), your written protest must be received in this office as soon as possible.

If you have any questions regarding the application, please contact this office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Dave", is located below the "Sincerely," text.

DAVID R. TUTHILL, JR., P. E.  
Manager, Western Regional Office

DRT:jp

Enclosure (s)

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Cecil D. Andrus  
Governor

State of Idaho  
**DEPARTMENT OF WATER RESOURCES**  
Western Region

2735 Airport Way  
Boise, Idaho 83705  
(208) 334-2190

May 6, 1987

GME Inc.  
4242 S. Eagleson Rd. #108  
Boise, ID 83705

Re: Water Right No. 63-10473

Dear Water Right Applicant:

Enclosed is a temporary approval for diversion of groundwater during the 1987 irrigation season.

The copy of the application for permit to appropriate water attached to the interim approval defines the various components of your temporary approval. The inclusion of the copy of the application is only for the purpose of definition, and any terms contained therein are limited by the conditions of the temporary approval.

As described in condition of approval (k), this office will continue to process the original application for permit, pursuant to Chapter 2, Title 42, Idaho Code, unless directed otherwise by you. This processing will include advertisement for two weeks in the county where the point of diversion is located, and the result may be issuance of a water right permit.

Sincerely,

DAVID R. TUTHILL, JR., P. E.  
Manager, Western Regional Office

DRT:jp

Enclosures: Temporary Approval  
Copy of Application for Permit

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ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES  
WITH RESPECT TO TEMPORARY APPROVAL OF  
APPLICATION FOR PERMIT NO. 63-10473

This is to certify that I have examined Application for Permit to  
Appropriate the public waters of the State of Idaho No. 63-10473 and a  
temporary approval to divert groundwater is granted until September 3, 1987,  
subject to the following limitations and conditions:

- a. The water use approved herein is subject to all prior water rights.
- b. The water user acknowledges that the temporary approval does not convey a continuing right to divert water and does not convey any right to divert water except as specifically provided in the temporary approval.
- c. The water user assumes all risk that he or she will be successful in obtaining a permanent water right permit when the application is processed under the provisions of Chapter 2, Title 42, Idaho Code and the water Appropriation Rules and Regulations.
- d. Violation of temporary approval conditions, provisions of the Idaho Code, or the Water Appropriation Rules and Regulations is cause for cancellation of the temporary approval and denial of future requests.
- e. By commencing diversion of water under this temporary approval, the water user acknowledges and agrees that the Director of IDWR is authorized to disconnect the power supply from the pump motor used to divert water under the temporary approval or to take other reasonable steps to insure that water is not diverted during any period the temporary approval is suspended or revoked.
- f. The Director may impose additional conditions not a part of the original temporary approval conditions.
- g. The temporary approval applies only to uses and lands which normally have an adequate supply of water from surface water sources but are temporarily water short because of drought conditions.
- h. The temporary approval granted under the expedited procedure shall not be effective for more than the 1987 irrigation season and will expire upon termination of the declared drought emergency, or on the expiration of the term of the approval set herein, whichever is earlier.
- i. The Director will retain jurisdiction of any temporary approval given.
- j. By acceptance of the temporary approval and diversion of water under the temporary approval, the water user assumes all risk relative to interference with other water rights and acknowledges and agrees that the Director is authorized to take reasonable steps to insure that water is not diverted under the approval at any time the Director determines there is not water available for diversion.

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- k. Temporary approval granted will be of no force nor effect from and after the 1987 irrigation season. The application for permit, however, will be processed by the Department under the provisions of Chapter 2, Title 42, Idaho Code, unless directed otherwise by the applicant.

Witness my hand this 6<sup>th</sup> day of May, 1987.

David R. Tuthill

DAVID R. TUTHILL, JR., P. E.  
Manager, Western Regional Office

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State of Idaho

Department of Water Resources

Temporary Approval Analysis Sheet

☒ Yes ☐ No Basin No. Correct?  
☒ Yes ☐ No Source is Groundwater?  
☐ Yes ☐ No Lands are irrigated with surface water rights?  
☐ Yes ☐ No Lands are outside Critical Groundwater Area & Groundwater Management Area boundaries?  
☐ Yes ☐ No County has been declared a drought emergency area by the Governor's Office?

Remarks: CANYON CO. IRRIGATED CROPLAND MAP

DOS NOT SHOW THIS LAND UNDER IRRIGATION W/AN IRRIGA-  
TION DISTRICT. HOWEVER, THE PL. OF USE MICROFILSCHE  
SHOWS THE SE SW & SWSW (LOT 7) AS <sup>HAVING</sup> ~~BEING~~ A WATER RIGHT  
WITH THE ISLAND HIGHLINE DITCH & RIVER FLAT DITCH CO.  
(SEE ATTACHED PL. OF USE REPORT)

Application Initially Received Date 5-5-87 Time 10:00 a.m.  
File Prepared By gg Date 5-6-87 Time 8:30 a.m.  
Staff Review By [Signature] Date 5-6-87 Time 2:30 pm  
Temporary Approval Prepared By AA Date 5-6-87 Time 3:00 pm  
Temporary Approval Signed By OW Date 5/6/87 Time 4:00  
Temporary Approval Mailed By LA Date 5-6-87 Time 4:05  
Index Updated By OW Date 5/6/87 Time 4:00

**MICROFILMED**  
MAR 01 1988

| TRACT   | ACRES | WATER RIGHT | LAST NAME  | OWNER STAGE | PRIORITY   | SOURCE OF WATER |
|---------|-------|-------------|------------|-------------|------------|-----------------|
| 63-8700 | 01    | RAGAINS     | 04-12-1977 | P           | 04-12-1977 | GROUNDWATER     |
| 63-9110 | 04    | RAGAINS     | 01-30-1978 | L           | 01-30-1978 | GROUNDWATER     |
| 63-8700 | 40    | RAGAINS     | 04-12-1977 | P           | 04-12-1977 | GROUNDWATER     |
| 63-8700 | 40    | RAGAINS     | 04-18-1977 | P           | 04-18-1977 | GROUNDWATER     |
| 63-8998 | 40    | GOTSCH      | 08-05-1977 | P           | 08-05-1977 | GROUNDWATER     |
| 63-8998 | 40    | GOTSCH      | 08-05-1977 | P           | 08-05-1977 | GROUNDWATER     |

D16

WBR156

IDAHO DEPARTMENT OF WATER RESOURCES  
WATER RIGHTS BY PLACE OF USE

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| TOWNSHIP | RANGE | SECTION | TRACT | LOT | ACRES | USES | WATER RIGHT NUMBER | LAST NAME | OWNER STAGE CODE | PRIORITY DATE | SOURCE OF WATER |
|----------|-------|---------|-------|-----|-------|------|--------------------|-----------|------------------|---------------|-----------------|
|----------|-------|---------|-------|-----|-------|------|--------------------|-----------|------------------|---------------|-----------------|

(POU CONTINUED FROM PREVIOUS PAGE)

|     |     |    |      |    |       |  |         |                     |   |  |            |                   |
|-----|-----|----|------|----|-------|--|---------|---------------------|---|--|------------|-------------------|
| 05N | 05W | 02 | NAME | 40 | 01.04 |  | 63-8998 | GOTSCH RANCH INC.   | C |  |            |                   |
|     |     |    | NAME | 38 | 01    |  | 63-8999 | FOUR G'S INC.       | C |  | 05-17-1977 | GROUNDWATER       |
|     |     |    | NAME | 39 | 01    |  | 63-8999 | FOUR G'S INC.       | C |  | 05-17-1977 | GROUNDWATER       |
|     |     | 04 | NAME | 01 | 01.43 |  | 63-5355 | UNIVERSITY OF IDAHO | C |  | 01-01-1963 | GROUNDWATER       |
|     |     |    | NAME | 10 | 01.43 |  | 63-5360 | UNIVERSITY OF IDAHO | C |  | 01-01-1920 | GROUNDWATER       |
|     |     |    | NAME | 20 | 01.43 |  | 63-5359 | S.H. IDAHO RESEARCH | C |  | 03-30-1977 | GROUNDWATER       |
|     |     |    | NAME | 10 | 01.43 |  | 63-5360 | UNIVERSITY OF IDAHO | C |  | 01-01-1963 | GROUNDWATER       |
|     |     |    | NAME | 20 | 01.43 |  | 63-5359 | UNIVERSITY OF IDAHO | C |  | 01-01-1920 | GROUNDWATER       |
|     |     |    | NAME | 10 | 01.43 |  | 63-5360 | S.H. IDAHO RESEARCH | C |  | 03-30-1977 | GROUNDWATER       |
|     |     |    | NAME | 10 | 01.43 |  | 63-5359 | UNIVERSITY OF IDAHO | C |  | 01-01-1963 | GROUNDWATER       |
|     |     |    | NAME | 10 | 01.43 |  | 63-5360 | UNIVERSITY OF IDAHO | C |  | 01-01-1920 | GROUNDWATER       |
|     |     |    | NAME | 22 | 01.43 |  | 63-5359 | S.H. IDAHO RESEARCH | C |  | 03-30-1977 | GROUNDWATER       |
|     |     |    | NAME | 01 | 01.43 |  | 63-5359 | UNIVERSITY OF IDAHO | C |  | 01-01-1963 | GROUNDWATER       |
|     |     |    | NAME | 10 | 01.43 |  | 63-5360 | UNIVERSITY OF IDAHO | C |  | 01-01-1920 | GROUNDWATER       |
|     |     |    | NAME | 16 | 01.43 |  | 63-5359 | S.H. IDAHO RESEARCH | C |  | 03-30-1977 | GROUNDWATER       |
|     |     |    | NAME | 32 | 01    |  | 63-3036 | MORTENSEN           | C |  | 03-28-1956 | GROUNDWATER       |
|     |     |    | NAME | 02 | 01    |  | 63-3036 | MORTENSEN           | C |  | 03-28-1956 | GROUNDWATER       |
|     |     | 05 | NAME | 15 | 01.04 |  | 63-4193 | STANLEY             | C |  | 06-01-1902 | SAND HOLLOW CREEK |
|     |     | 06 | NAME | 15 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 18 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 18 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 37 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 07 | 01    |  | 63-4717 | STATE OF IDAHO      | C |  | 01-01-1917 | SAND HOLLOW DRAIN |
|     |     |    | NAME | 40 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 39 | 01    |  | 63-4717 | STATE OF IDAHO      | C |  | 01-01-1917 | SAND HOLLOW DRAIN |
|     |     |    | NAME | 38 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 40 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 15 | 01    |  | 63-4717 | STATE OF IDAHO      | C |  | 01-01-1917 | SAND HOLLOW DRAIN |
|     |     |    | NAME | 03 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 03 | 01    |  | 63-5368 | RIVER FLAT DITCH C  | C |  | 04-01-1930 | STOCKTON SLOUGH   |
|     |     |    | NAME | 35 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 01 | 01    |  | 63-0291 | ISLAND HIGHLINE DI  | C |  | 04-01-1879 | BOISE RIVER       |
|     |     |    | NAME | 01 | 01    |  | 63-0292 | ISLAND HIGHLINE DI  | C |  | 04-01-1910 | BOISE RIVER       |
|     |     |    | NAME | 01 | 01    |  | 63-0293 | ISLAND HIGHLINE DI  | C |  | 04-01-1915 | BOISE RIVER       |
|     |     |    | NAME | 03 | 01    |  | 63-5368 | RIVER FLAT DITCH C  | C |  | 05-01-1930 | STOCKTON SLOUGH   |
|     |     |    | NAME | 01 | 01    |  | 63-0291 | ISLAND HIGHLINE DI  | C |  | 04-01-1879 | BOISE RIVER       |
|     |     |    | NAME | 01 | 01    |  | 63-0292 | ISLAND HIGHLINE DI  | C |  | 04-01-1910 | BOISE RIVER       |
|     |     |    | NAME | 01 | 01    |  | 63-0293 | ISLAND HIGHLINE DI  | C |  | 04-01-1915 | BOISE RIVER       |
|     |     |    | NAME | 07 | 01    |  | 63-5368 | RIVER FLAT DITCH C  | C |  | 05-01-1930 | STOCKTON SLOUGH   |
|     |     |    | NAME | 40 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     |    | NAME | 40 | 01    |  | 63-2304 | NELSON              | C |  | 06-06-1917 | STOCKTON SLOUGH   |
|     |     | 07 | NAME | 40 | 01.04 |  | 63-4193 | STANLEY             | C |  | 06-01-1902 | SAND HOLLOW CREEK |
|     |     |    | NAME | 01 | 01    |  | 63-0291 | ISLAND HIGHLINE DI  | C |  | 04-01-1879 | BOISE RIVER       |
|     |     |    | NAME | 01 | 01    |  | 63-0292 | ISLAND HIGHLINE DI  | C |  | 04-01-1910 | BOISE RIVER       |
|     |     |    | NAME | 01 | 01    |  | 63-0293 | ISLAND HIGHLINE DI  | C |  | 04-01-1915 | BOISE RIVER       |
|     |     | 08 | NAME | 40 | 01.04 |  | 63-4193 | STANLEY             | C |  | 06-01-1902 | SAND HOLLOW CREEK |
|     |     |    | NAME | 40 | 01.04 |  | 63-4193 | STANLEY             | C |  | 06-01-1902 | SAND HOLLOW CREEK |
|     |     |    | NAME | 40 | 01.04 |  | 63-4193 | STANLEY             | C |  | 06-01-1902 | SAND HOLLOW CREEK |
|     |     |    | NAME | 40 | 01    |  | 63-0209 | STOCKTON            | C |  | 06-01-1880 | BOISE RIVER       |
|     |     |    | NAME | 40 | 01    |  | 63-5129 | PANAMA IRRIGATION D | C |  | 04-01-1878 | BOISE RIVER       |

E16

WBR156

IDAHO DEPARTMENT OF WATER RESOURCES  
WATER RIGHTS BY PLACE OF USE

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| TOWNSHIP | RANGE | SECTION | TRACT | LOT | ACRES | USES | WATER RIGHT NUMBER | LAST NAME | OWNER STAGE CODE | PRIORITY DATE | SOURCE OF WATER |
|----------|-------|---------|-------|-----|-------|------|--------------------|-----------|------------------|---------------|-----------------|
|----------|-------|---------|-------|-----|-------|------|--------------------|-----------|------------------|---------------|-----------------|

|     |     |    |      |    |    |  |         |                     |   |  |            |             |
|-----|-----|----|------|----|----|--|---------|---------------------|---|--|------------|-------------|
| 05N | 05W | 08 | NAME | 40 | 01 |  | 63-5130 | PANAMA IRRIGATION D | C |  | 04-01-1877 | WASTE WATER |
|     |     |    | NAME | 01 | 01 |  | 63-0209 | STOCKTON            | C |  | 06-01-1880 | BOISE RIVER |
|     |     |    | NAME | 40 | 01 |  | 63-0209 | STOCKTON            | C |  | 06-01-1880 | BOISE RIVER |
|     |     |    | NAME | 40 | 01 |  | 63-5129 | PANAMA IRRIGATION D | C |  | 04-01-1878 | BOISE RIVER |
|     |     |    | NAME | 40 | 01 |  | 63-5130 | PANAMA IRRIGATION D | C |  | 04-01-1877 | WASTE WATER |
|     |     |    | NAME | 01 | 01 |  | 63-0276 |                     | C |  | 05-01-1889 | BOISE RIVER |

63-10473

GME INC.

4242 S. EAGLESON RD. #108, BOISE, ID 83705

Source: GROUNDWATER

Diversion Pt: SESESW SMSESW Sec 06 T 05N R 05W

|                 |             |
|-----------------|-------------|
| Use: IRRIGATION | (0.4 CFS)   |
| DOMESTIC        | (0.040 CFS) |
| FISH PROP.      | (0.620 CFS) |

Date Filed: 05/05/1987

In: SWSW SESW Sec 06 T 05N R 05W FOR 20 ACRES

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**MAR 01 1988**