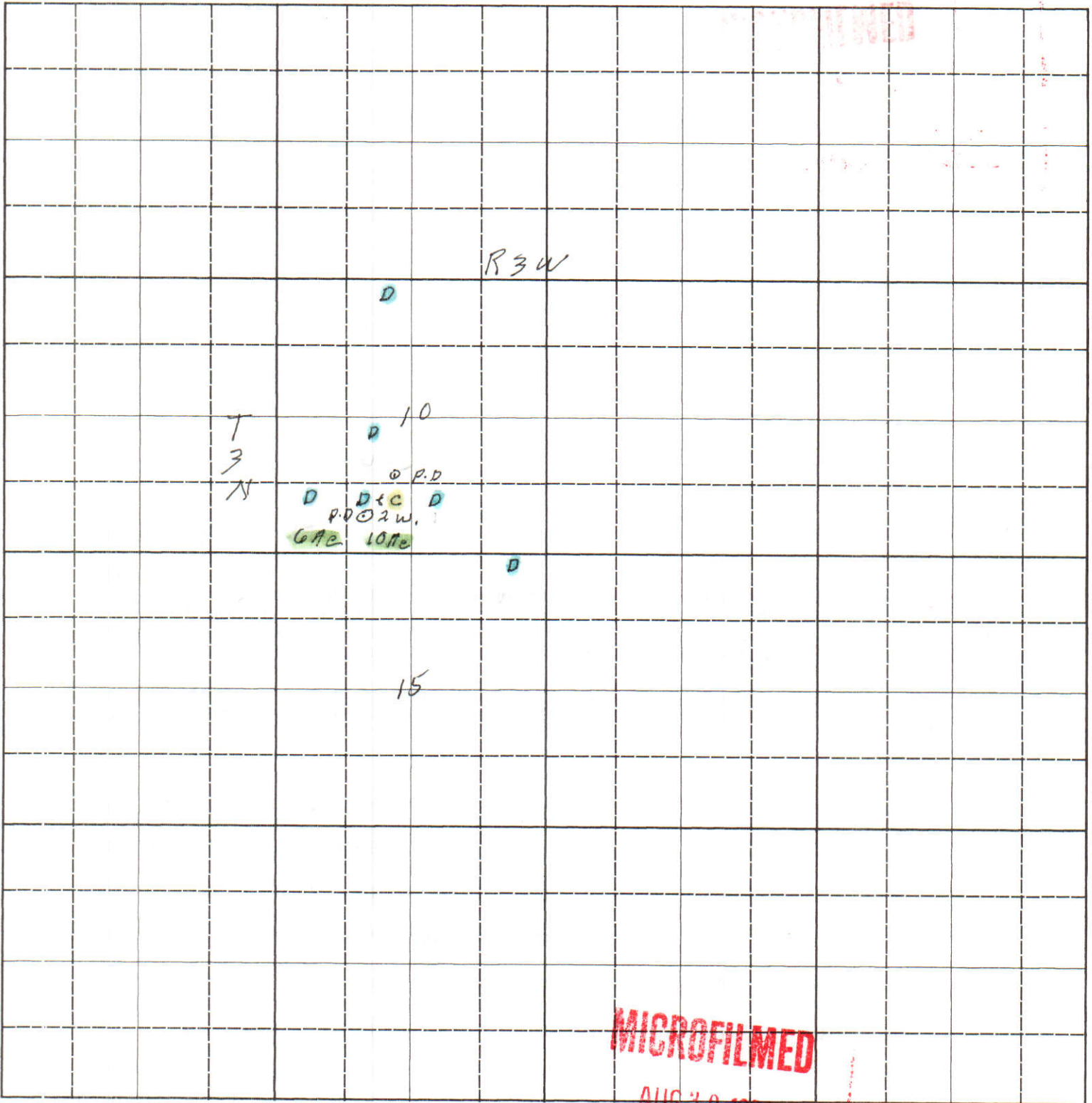


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

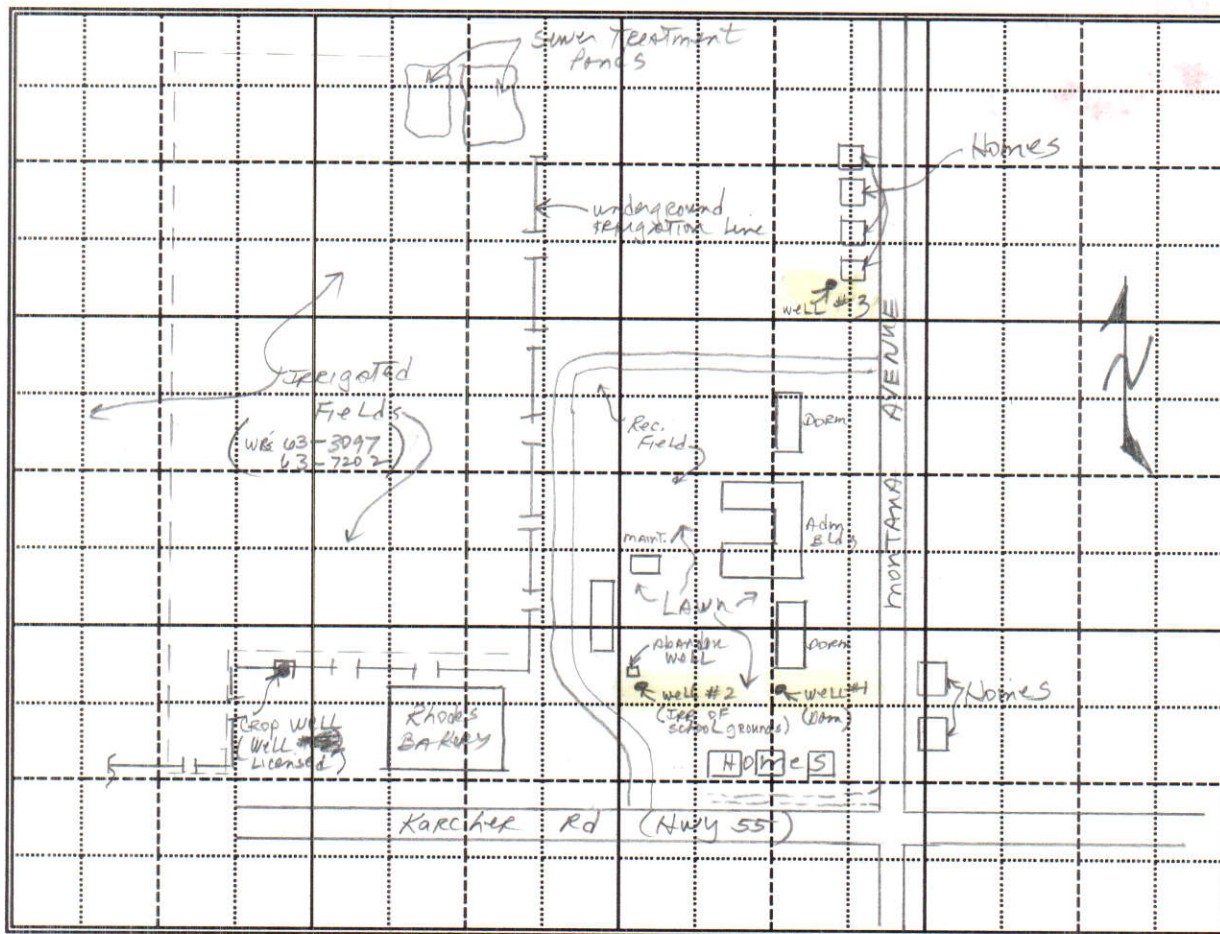


Scale: 2 inches equal 1 mile.

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

Gene State Academy
by Gene Herbst - farm manager
(Applicant)

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



Scale: 1" = NTS

☒ Copy of USGS 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)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	10	N/A	N/A	N/A

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

D. FLOW MEASUREMENTS

1.

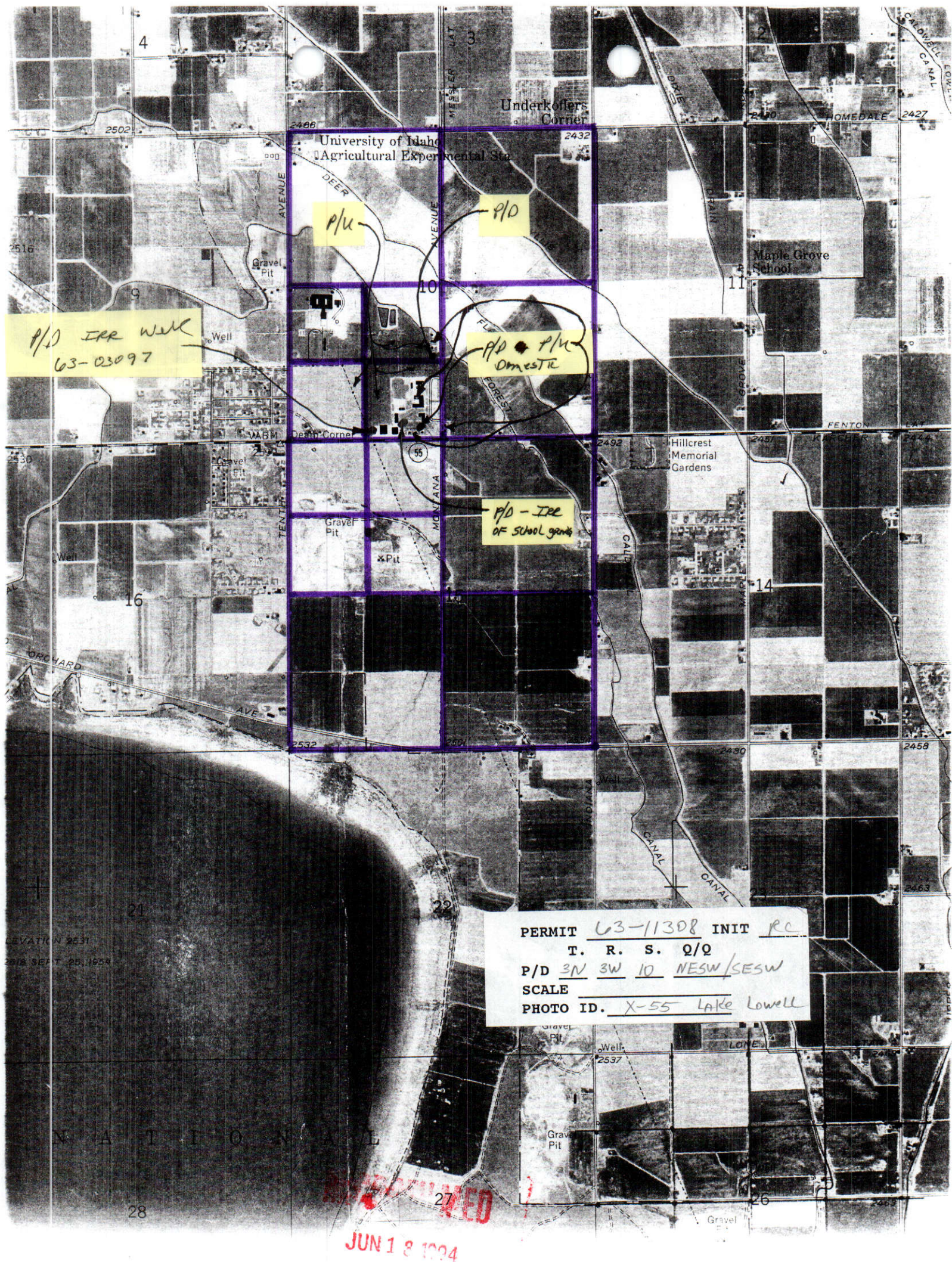
N/A - Irrigation system not in operation due to winter exam

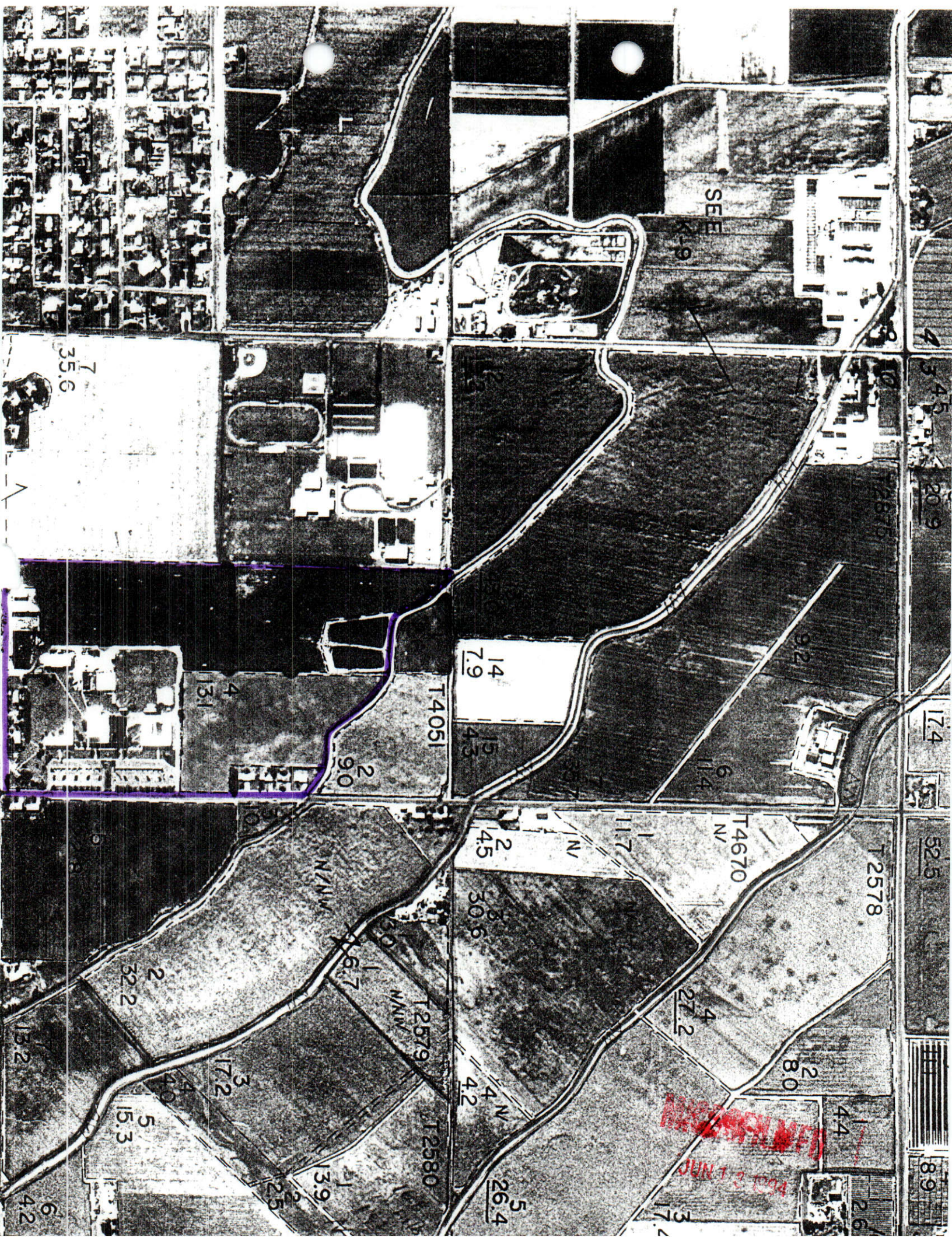
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

MISSING FILMED

JUN 13 1994





SEE
K-9

7
35.6

14
7.9

T4051

15
4.3

2
9.0

4
13.1

N/NW

16.7

T2579

T2580

N/NW

2
4.5

30.6

4.2

5
26.4

T4670

N/

11.7

4
27.2

2
8.0

4.4

2.6

T2578

52.5

17.4

20.9

4.5

4

8.9

RECEIVED
JUN 2 1994



PHOTO ONE-

View northwest of irrigation well. Brick well house in background has been abandon.



View southeasterly of school, and recreation field irrigated by well shown above. Risers located at metal fence posts.

PHOTO TWO-

APR 13 1994



PHOTO THREE-

View northerly of domestic well house for school buildings. Dormitory shown in background.

>

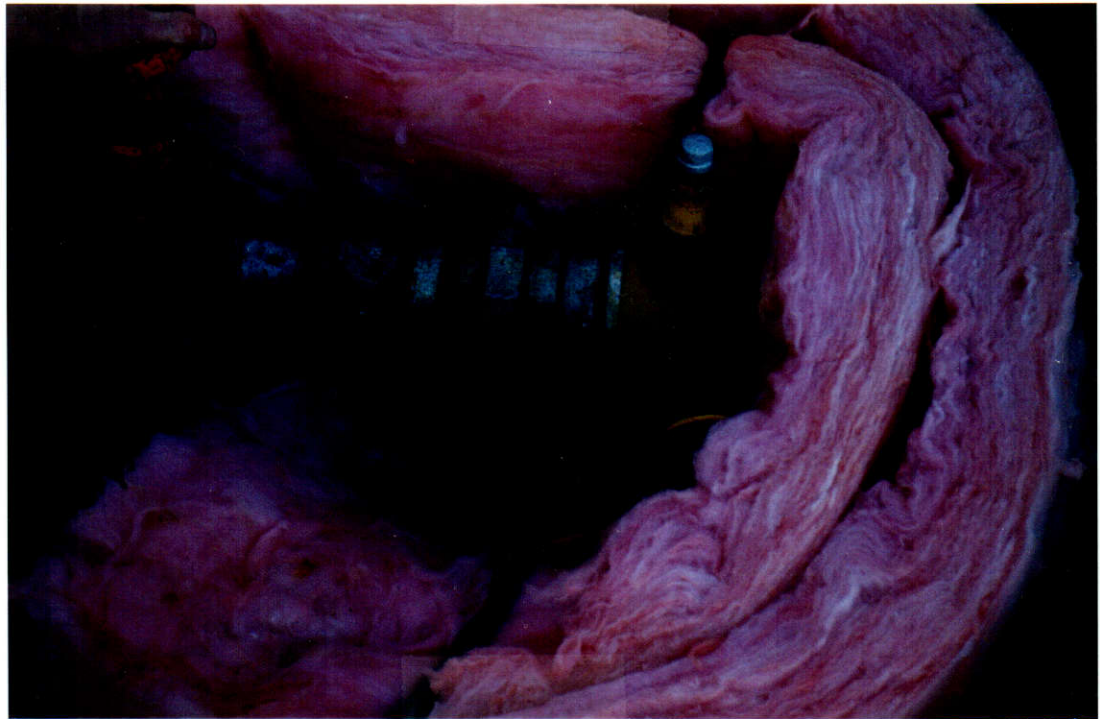


PHOTO FOUR-

Well (Domestic) located in above well house.

MICROFILMED

JUN 13 1994



PHOTO FIVE-

View northwest of administration building and dormitory to the north.

>



PHOTO SIX-

Two of ~~12~~⁹ 13 homes served by domestic well.

REC'D
JUN 13 1994



PHOTO ^{seven} ~~FIVE~~

Rhodes Bake-n-Serve Bakery located southwest of school. Commercial use on permit.

>



PHOTO SIX-

View northwest of domestic well house, and four homes served by well.

MIDLAND VCD
JUN 13 1994



PHOTO FIVE-

Well house with steel pressure tank. Well is located outside structure.

>

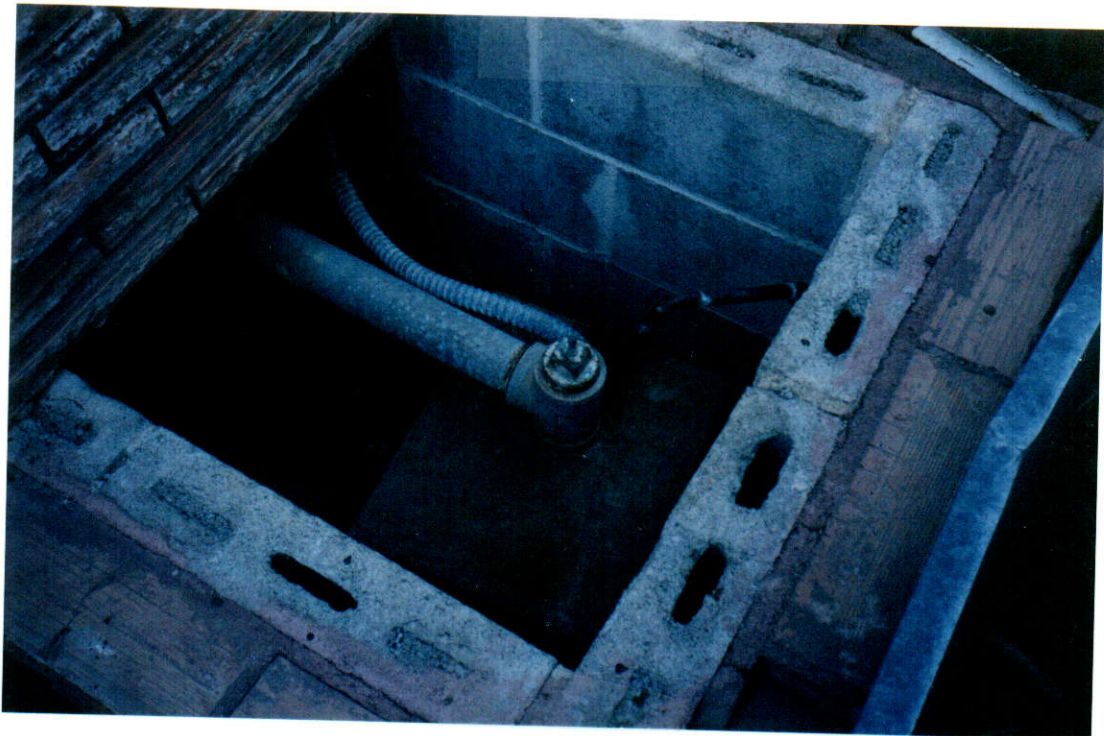


PHOTO SIX-

Well located in separate enclosure attached to well house.

RECEIVED
JUN 13 1994

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.

Beeline
5-27-71
J.W.

1. WELL OWNER

Name Gen State Academy

Address Caldwell, Idaho

Owner's Permit No. 63-7202

7. WATER LEVEL

Static water level 35 feet below land surface

Flowing? ☐ Yes ☐ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK

☐ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
1000	477'	1 hr
1500	5197'	3 hr

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☐ Stock School

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 2 1/2 inches Total depth 370 feet

Casing schedule: ☐ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>2 1/2</u> inches	<u>1 1/2</u> inches	<u>27</u> feet	<u>240</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☐ No

Perforated? ☐ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name _____

Type Johnson Model No. _____

Diameter 2 1/2 Slot size 20 Set from 207 feet to 227 feet

Diameter _____ Slot size _____ Set from 250 feet to 292 feet

Gravel packed? ☐ Yes ☐ No Size of gravel _____

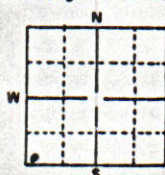
Placed from _____ feet to _____ feet

☒ Surface seal? ☒ Yes ☐ No To what depth 50 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 SW 1/4 Sec. 10 T. 3 N. R. 3 E. W.

Sheet # 1 of 3

USE ADDITIONAL SHEETS IF NECESSARY

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

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
	0	6	Top soil		
	6	9	hard pan		
	9	10	clay line to gravel		
			1' down		
	10	20	gravel & sand		
	20	26	gravel & sand		
	26	34	cemented gravel		
	34	44	gravel sand "light"		
	44	46	sand & gravel		
	46	50	coarse sand & gravel		
			loose		-
	50	52	tight gravel		-
	52	54	looser gravel		
	54	56			
	59	61	coarse sand gravel		
	61	64	white sand		
	64	73	white sand		
	73	74	clay (green)		
	74	84	clay (green)		-
	84	86	clay (hard dry)		
	86	87	white sand		
	87	94	sandy green clay - soft	-	
			in		
	94	98	clay green		
	98	99	hard red green sand	-	
			stone		
	99		dry green clay lined		
			gravel (hard)		
	99	101	hard dry clay green		
	101	106	hard dry green clay		
	106	109	hard dry green clay		
			stone		
			sand		
	109	114	fine sand & gravel		
	114	117	fine green sand		
	117	121	green clay		
	121	129	fine green sand		

MICROFILM

AUG 30 1990

MICROFILMED

AUG 30 1990

10.

Work started April 16 finished May 11, 71

11. DRILLER'S CERTIFICATION

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

Driller's or Firm's Name C. J. Drilling Number 2

Address Idaho Falls, Id.

Signed By John R. Rye Date May 27 1971

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 <u>Gen State Academy</u> Address _____ Owner's Permit No. <u>63-7202</u>		7. WATER LEVEL Static water level _____ feet below land surface Flowing? ☐ Yes ☐ No G.P.M. flow _____ Temperature _____ Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																																																																																																																																																																																																																																																																																																					
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4. METHOD DRILLED ☐ Cable ☐ Rotary ☐ Dug ☐ Other		5. WELL CONSTRUCTION Diameter of hole _____ inches Total depth _____ 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 _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☐ Yes ☐ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☐ No Size of gravel _____ Placed from _____ feet to _____ feet Surface seal? ☐ 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 <u>Canyon</u> <u>SW 1/4 Sec. 10</u> T. <u>3</u> N. <u>3</u> R. <u>3</u> Sheet <u>2</u> of <u>3</u>		10. Work started <u>April 16, 71</u> finished <u>May 1, 71</u> 11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. <u>Cape Drilling</u> Driller's or Firm's Name _____ Number <u>2</u> <u>Idaho Falls</u> Address _____ <u>May 21, 1971</u> Signed By _____ Date _____																																																																																																																																																																																																																																																																																																																																																					

USE ADDITIONAL SHEETS IF NECESSARY

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

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 Gen State AcademyAddress Caldwell, IdahoOwner's Permit No. 63-7202

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 24 inches Total depth 320 feetCasing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>12.75</u> inches	<u>13</u> inches	<u>21</u> feet	<u>240</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☐ NoPerforated? ☐ Yes ☐ NoHow perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

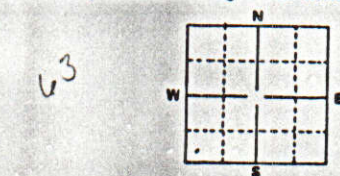
Well screen installed? ☒ Yes ☐ No

Manufacturer's name _____

Type Johnson Model No. _____Diameter 24 slot size 20 Set from 207 feet to 227 feetDiameter _____ slot size _____ Set from 207 feet to 297 feet207 to 232Gravel packed? ☒ Yes ☐ No Size of gravel 3/4Placed from 0 feet to 320 feetSurface seal? ☒ Yes ☐ No To what depth 30 feetMaterial used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.

County Canyon

SW 1/4 SW 1/4 Sec. 10, T. 3 N., R. 3 E/W

Sheet #3 of 3

USE ADDITIONAL SHEETS IF NECESSARY

7. WATER LEVEL

Static water level 132 feet below land surfaceFlowing? ☐ Yes ☐ No G.P.M. flow _____

Temperature _____ F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
<u>1000</u>	<u>20120'</u>	<u>1 1/2 hrs</u>
<u>1500</u>	<u>20197'</u>	<u>3 hrs</u>

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
	244	254	fine white sand		
	254	259	fine white sand		
	259	264	green clay		
	264	268	green clay		
	268	269	white fine sand		
	269	274	green clay		
	274	275	green clay		
	275	283	white sand fine		
	283	284	green clay		
	284	288	green clay clean screen		
	288	291	white sand fine		
	291	292	water had peculiar odor		
	292	293	white fine sand		
	293	304	green clay		
	304	305	green clay		
	305	309	white sand fine		
	309	313	green clay		
	313	314	white sand fine		
	314	324	white sand fine		
	324	332	white sand fine		
	332	334	green clay		
	334	334.5	green clay		
	334.5	335	blue clay		
	335	338	blue clay		
	338	344	fine white sand		
	344	347	fine white sand		
	347	352	blue clay		
	352	354	blue white fine sand		
	354	360	blue white sand coarse		
	360	364	with layers sandstone		
	364	364	blue clay		
	364	366	blue clay		
	366	367	fine grey sand		
	367	367.5	blue clay sandy chert		
	367.5	368	to sand		
	368	368	blue coarse sand & fine		
	368	368	blue clay		

10.

Work started April 16, 71 finished May 11, 71

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is
true to the best of my knowledge.Cox Drilling Co # 2
Driller or Firm's Name

Box 1196 Idaho Falls

Address

Signed By Don Cox May 21 1971

Date

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

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11308

Priority: February 28, 1990

Maximum Diversion Rate:

0.62 CFS

Maximum Diversion Volume:

205.8 AF

This is to certify, that GEM STATE ACADEMY

16115 MONTANA AVE

CALDWELL ID 83605

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 28, 1990; and has submitted Proof of Beneficial Use on July 22, 1993. An examination indicates that the works have a diversion capacity of .620 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	0.20 CFS	45.0 AF
COMMERCIAL	01/01 to 12/31	0.23 CFS	130.2 AF
DOMESTIC	01/01 to 12/31	0.37 CFS	30.6 AF
	Totals	0.62 CFS	205.8 AF

LOCATION OF POINT(S) OF DIVERSION:

NESW , Sec. 10, Township 03N, Range 03W

SESW , Sec. 10, Township 03N, Range 03W

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>
03N	03W	10	SESW	10		10

Total number of acres irrigated: 10

PLACE OF USE: COMMERCIAL

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>
03N	03W	10
		SESW

PLACE OF USE: DOMESTIC

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>
03N	03W	10
		NESW
		SWSE
		NENE
		15

RECEIVED

JUN 13 1994

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 that 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.

State of Idaho
Department of Water Resources

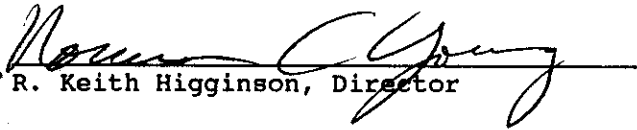
WATER RIGHT LICENSE

WATER RIGHT NO. 63-11308

CONDITIONS/REMARKS:

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. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.5 afa per acre for the lands above.
6. Two points of diversion are located within SESW, T03N, R03W, S10. Domestic use is for the Gem State Academy buildings and grounds and also for 9 homes.
7. Commercial use is for a bakery.

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 30TH day of MAY, 1994.

Acting for  R. Keith Higginson, Director

RECORDED

JUN 13 1994

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JUL 22 1993

Department of Water Resources

OFFICE USE ONLY
Amt. of Fee \$ 125.00
Date 7-22-93
Receipt No. 028203
Receipt by CA

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

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

1. Permit No. 63-11308 Telephone No. 208-459-1627
2. Name(s) of Permit Holder(s): Gem State Academy
3. Mailing Address: 16115 Montana Ave Caldwell ID 83605
4. Source of Water: Groundwater

If GROUNDWATER, Well Driller's Name: Bill Doty Date Drilled: 5-15-91
5-22-91

OPTIONAL:

Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic X ^{9 Homes} (No. of households) Stockwater _____ (No. and type of stock)
Irrigation X ^{16 acres} (No. of acres) Other Commercial - Rhodes International

6. Total rate and/or volume for which proof is submitted 2.0 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? _____ Yes L No Installed? _____ Yes _____ No

OR

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

8. Fee Enclosed: \$ 125.00 (See License Fee Schedule on back of Instruction Sheet)

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

Art Anderst 208-459-1627
Name Telephone No.

Same as above
Address

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

NOT RECORDED

JUL 23 1993

7-20-93
Date

Rh Rhodes - Treasurer
Signature (and title, if on behalf of a company or organization)

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-11308

Proposed Priority: February 28, 1990 Maximum Diversion Rate: 2.00 CFS
This is to certify, that **GEM STATE ACADEMY**

16115 MONTANA AVE.
CALDWELL, ID 83605

has applied for a permit to appropriate water from: **GROUNDWATER**
and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.32 CFS
COMMERCIAL	01/01 to 12/31	0.48 CFS
DOMESTIC	01/01 to 12/31	1.20 CFS
	Totals	2.00 CFS

LOCATION OF POINT(S) OF DIVERSION:

SENESEW Sec. 10, Township 03N, Range 03W
SESW Sec. 10, Township 03N, Range 03W
CANYON County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
03N 03W 10	SWSW 6	SESW 10		16
		Total number of acres irrigated:		16

PLACE OF USE: COMMERCIAL

TWN RGE SEC

03N 03W 10 SESW

PLACE OF USE: DOMESTIC

TWN RGE SEC

03N 03W 10 NENW NESW SWSW
15 SESW SWSE
NENE

MICROFILMED

AUG 30 1990

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **September 1, 1993**.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

State of Idaho
Department of Water Resources**Permit To Appropriate Water**

NO. 63-11308

CONDITIONS/REMARKS:

5. Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
6. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
7. Two points of diversion on SESW, T3N, R3W, S10.
8. Domestic use is for 9 homes; commercial use is for a bakery.

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

16th day of August, 1990

for R. Keith Higginson, Director

MICROFILMED

AUG 30 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Gem State Academy Phone 459-1627
Post office address 16115 Montana ave. Caldwell, Ida 83605
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point of diversion is SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of SW $\frac{1}{4}$, Govt. Lot _____
Sec. 10 Township 3N Range 3W B.M. Canyon County; additional
points of diversion if any: SESW S.10 T3N R3W (see remarks)
4. Water will be used for the following purposes:
Amount 1.2 for Domestic purposes from 1/1 to 12/31 (both dates inclusive)
(cfs ~~acre-feet per annum~~)
Amount .48 for Commercial purposes from 1/1 to 12/31 (both dates inclusive)
(cfs ~~acre-feet per annum~~)
Amount .32 for Irrigation purposes from 3/15 to 11/15 (both dates inclusive)
(cfs ~~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) 2.0 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. 3 existing wells - all with the same system to Girls & Boys Dorms, High School & Bakery, 9 homes - irr. approx 16' zone of lawn.
b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet; period of year when water will be diverted to storage: _____ to _____ inclusive.
c. Proposed well diameter is 8-10 inches; proposed depth of well is 231-370 feet. } per well 1095
d. Is ground water with a temperature of greater than 90°F being sought? N
7. Time required for the completion of the works and application of the water to the proposed beneficial uses
5 years (minimum 1 year).

* Per mit in items 6a & 13 (map).

FL 4/30/90

AUG 30 1990

MISROUTED

4/30/90

a. Hydropower; show total feet of head and proposed capacity in KW. _____

b. Stockwatering; list number and kind of livestock. _____

c. Municipal; show name of municipality. _____

d. Domestic; show number of households. 9 houses, 2 barns, 2 dog houses

e. Other; describe fully. Commercial Bakery

Figure 1: Schematic representation of the experimental design. The diagram shows a sequence of events: a 10-second fixation cross, followed by a 10-second presentation of a stimulus (a face), and then a 10-second presentation of a response (a face). The stimulus and response are presented in a 2x2 grid. The stimulus is a face with a neutral expression, and the response is a face with a neutral expression. The response is presented in a 2x2 grid, with the top-left cell being the stimulus and the other three cells being response options. The response options are faces with different expressions: neutral, happy, sad, and angry. The response is presented in a 2x2 grid, with the top-left cell being the stimulus and the other three cells being response options. The response options are faces with different expressions: neutral, happy, sad, and angry.

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 column.

ponding place of use below. See instructions for standard symbols.

[illegible]

91

Team

apparent

apparent

MICROFILMED

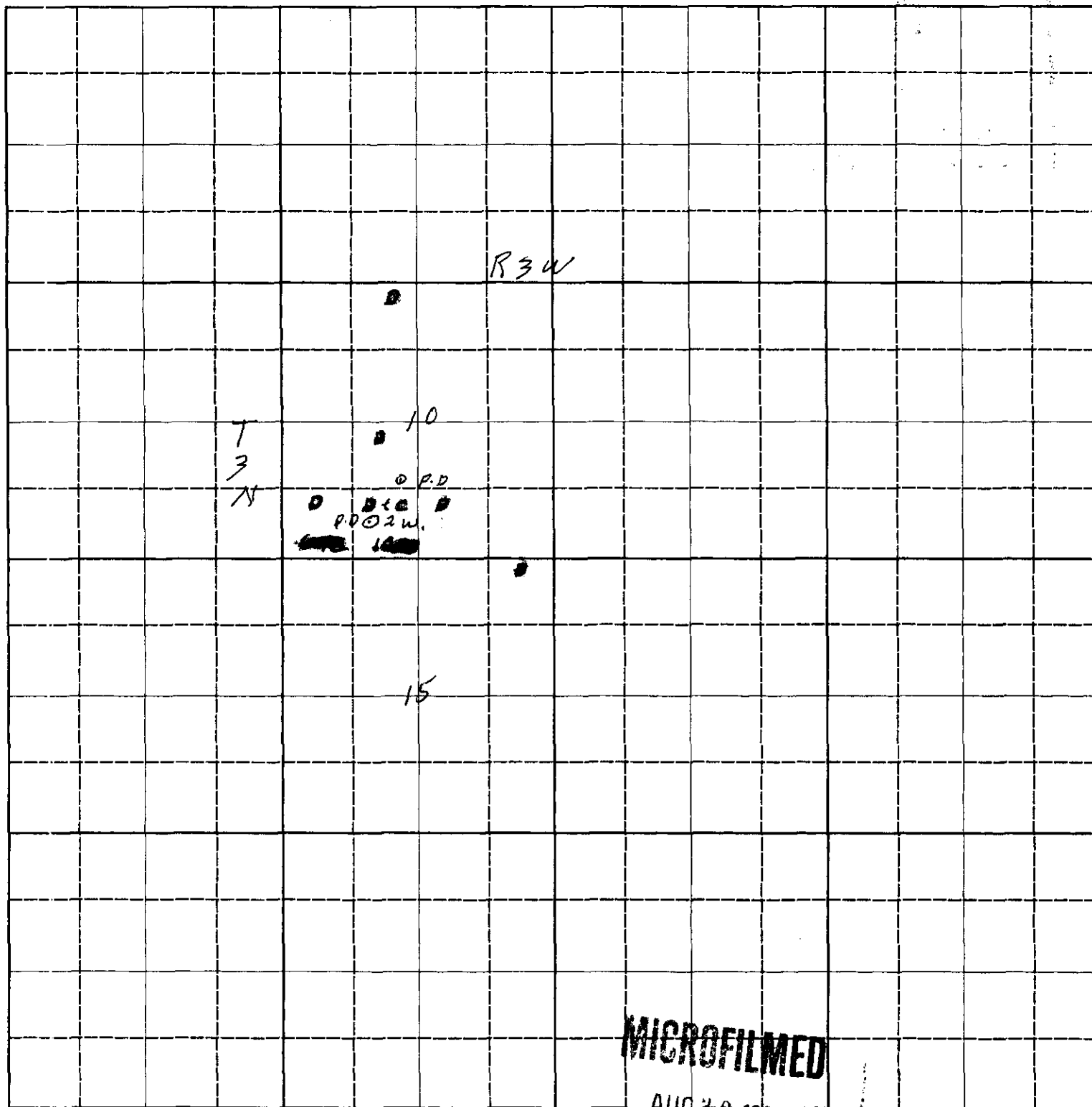
applicant to make this filing.

~~A application is to bring up today the~~

Aug 30 1990

* Remark per info in forma da 13 (1) 22 4/30/90

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



Scale: 2 inches equal 1 mile.

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

Gene State Academy
by Gene Hubel - Farm Manager
 (Applicant)

Received by Val Date 2-28-90 Time 10:00 AM Preliminary check by SL
Fee \$ 65⁰⁰ Receipted by JH # 0009796 Date 2-28-90
Publication prepared by GG Date 5-9-90 Published in Press-Tribune
Publication approved st Date 6-7-90
5/16 & 5/23/90

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. _____, and said application is hereby _____.

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 _____, 19 ____.
- 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:

RECORDED

AUG 30 1990



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

May 31, 1994

GEM STATE ACADEMY
16115 MONTANA AVE
CALDWELL ID 83605

RE: WATER RIGHT NO. 63-11308

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', written over a horizontal line.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECEIVED
JUN 13 1994

WR0749NP
No. 163-11308

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 05/24/94
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	GEM STATE ACADEMY 16115 MONTANA AVE CALDWELL ID 83605 (208) 459-1627	02/28/1990	IRRIGATION COMMERCIAL DOMESTIC	03-15 11-15 01-01 12-31 01-01 12-31	0.20 CFS 0.23 CFS 0.37 CFS	45.00 AFA 130.20 AFA 30.60 AFA
TOTAL DIVERSION:					0.62 CFS	205.80 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.62 CFS

Point(s) of Diversion: T03N R03W S10 NESW SESW CANYON County

Place of use Legal Description for: IRRIGATION

NE				NW				SW				SE												
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:	SUM
---	---	---	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	---
03N	03W	10	:					:					:				10	:					:	10.0
															TOTAL ACRES								:	10.0

Place of use Legal Description for: COMMERCIAL

NE				NW				SW				SE											
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:
---	---	---	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:
03N	03W	10	:					:					:				C	:					:

Place of use Legal Description for: DOMESTIC

NE				NW				SW				SE											
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:
---	---	---	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:
03N	03W	10	:					:					:				D	:					:
03N	03W	15	:	D				:					:				D	:					:

Pou County: CANYON

Other Water Rights with Same Point(s) of Diversion and Source:

63-03097 63-03207 63-11308

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

63-02880 63-03097 63-07202 63-11308

Conditions of Approval:

- R32 - This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.5 afa per acre for the lands above.

Remarks: Two points of diversion are located within SESW, T03N, R03W, S10. Domestic use is for the Gem State Academy buildings and grounds and also for 9 homes.

WR0749NP
No. 1.63-11308

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 05/24/94
PAGE: 2

Remarks: Commercial use is for a bakery.

Dates: App. Received: 02/28/1990 Priority Date: 02/28/1990
Proof Due Date: 09/01/1993 Proof Made Date: 07/22/1993
Exam Made Date: 02/22/1994 Exam Sent to S.O.: 04/21/1994
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 05/23/94 BCHAPMAN 05/24/94 BCHAPMAN

(WATER RIGHT NUMBERS THAT BEGIN WITH AN '*' ARE ADJUDICATION CLAIMS)

WR-NUMBER	SOURCE	NE				NW				SW				SE				SUM
		Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	
L6311308	T03N R03W S10 GROUNDWATER																	10
A6300166A	BOISE RIVE :	40	10			10												60
A6300167A	BOISE RIVE :	40	10			10												60
A6300179A	BOISE RIVE :	40	10			10												60
A6300224	BOISE RIVE :	40	10			10												60
A6300225	BOISE RIVE :	40	10			10												60
A6300294	BOISE RIVE :	40	10			10												60
A6300295	BOISE RIVE :	40	10			10												60
A6300371	BOISE RIVE :	40	10			10												60
A6302275	WILSON SLO :	40	10			10												60
A6302276	MASON CREE :	40	10			10												60
A6302294	FIVE MILE :	40	10			10												60
6302388	BOISE RIVE :																	
A6302388	BOISE RIVE :																	
6302529	GROUNDWATE :																	
A6302529	GROUNDWATE :	40	10			10												60
6302851	GROUNDWATE :							20	40	30								90
A6302851	GROUNDWATE :							20	40	30								90
6302856	GROUNDWATE :										40							40
6302880	GROUNDWATE :																27	
A6302880	GROUNDWATE :		24													03		27
6302891	WILSON SLO :																	
A6302891	WILSON SLO :	40	10			10												60
A6302891A	WILSON SLO :	40	10			10												60
* 6303097	GROUNDWATE :									36				25				61
A6303097	GROUNDWATE :									36				25				61
6303243	GROUNDWATE :	38	40		38	40												156
A6303243	GROUNDWATE :	38	40		38	40												156
A6303243A	GROUNDWATE :	33	26			25												84
A6303199	GROUNDWATE :	40	10			10												60
A6303200	GROUNDWATE :	40	10			10												60
A6303219	INDIAN CRE :	40	10			10												60
A6303237	INDIAN CRE :	40	10			10												60
A6303255	INDIAN CRE :	40	10			10												60
6303361	GROUNDWATE :							02										2
A6303361	GROUNDWATE :							02										2
6303362	GROUNDWATE :							02										2
* 6307202	GROUNDWATE :									35			32	15				82
A6307202	GROUNDWATE :									35			32	15				82
A6309109	GROUNDWATE :	40	10			10												60
6310182	GROUNDWATE :										19							19
6311308	GROUNDWATE :											06	10					16
A6321731	FIVE MILE :	40	10			10												60
A6321739	ELIJAH DRA :	40	10			10												60

* CHECKED these two FILES. ACRES are not those on the Academy Campus grounds.

POW COMPARISON

LICENSE REVIEW CHECKLIST

PERMIT NO. 63-11308 DATE 5-5-94



NAME	Yes ☐	No ☒	Or Address Change?
PRIORITY DATE	☐	☒	Advance? ☐ Advanced to: ☐ Order to reinstate needed? ☐ Incorrect fee for rate recommended? <u>NO</u>
SOURCE	☐	☒	Changes or just clarification of originally intended source? ☐ Notice of Intent to Void necessary? ☐
POINT OF DIV	☐	☒	Amendment needed? <u>(3 of 4 wells in this 1/4 1/4)</u> <u>BUT</u> Overlaps? <u>NA</u> <u>(all on this permit)</u>
PLACE OF USE	☐	☒	Amendment needed? ☐ Different <u>✓</u> ~~OVERLAPS~~ Overlaps? <u>NA</u> <u>63-3097 / 63-3207 (DOMESTIC)</u> <u>acres</u> <u>(IRRIGATION)</u>
DIV RATE	☒	☐	Measurement done? ☐ Theoretical only? ☒ <u>WELL# 2 Q = .23 CFS</u> <u>10 acres @ .20</u> <u>DOMESTIC wells 1 and 3 COMBINED Q = .39 CFS</u> <u>Capacity: .62</u> Combined rates exceed capacity ☐ Allowable amount: <u>.62</u>
ANNUAL VOLUME	☐	☒	Season of use: <u>D/4.5</u> Calculations: <u>10 x 4.5 = 45</u> <u>DOM = 30.6</u> <u>COM = 130.2</u> Flow limit: <u>.62</u> cfs x <u>365</u> x 1.9835 = <u>448</u> Combined volumes exceed capacity/allowable ☐
USES	☐	☒	Change(s) in Nature of Use? ☐ Amendment necessary? ☐
REMARKS	<u>YES</u>	☒	Multiple p/d(s) in 1/4 1/4? ☐ Other ☐
CONDITIONS	☐	☒	Measuring/Locking Devices ☐ Watermaster control - District ☐ <u>R32</u> Irrigation Overlap ☐ Water Quality ☒ Other ☐
COMMENTS:	<u>Reduce rates to capacity of 3 wells ; REDUCE ACRES TO 10</u>		

RECOMMENDED	CFS	VOLUME
<u>Irrigation</u>	<u>.20</u>	<u>45.0</u>
<u>Domestic</u>	<u>.37</u>	<u>30.6</u>
<u>Commercial</u>	<u>.23</u>	<u>130.2</u>
<u>TOTALS</u>	<u>.62</u>	<u>205.8</u>

LICENSE ☒

1ST AMENDMENT LETTER ☐

FINAL AMENDMENT LETTER ☐

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

APR 25 1994

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-113081. Owner: Gem State Academy Phone No. 459-1627Current Address: 16115 Montana Ave., Caldwell, ID 836052. Accompanied by: ART AnderST EXAM DATE: 2/10/94Address: _____ Phone No. SAMERelationship to Permit Holder: Maintenance *SUPERVISOR3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-05361, 63-05362, 63-08305, 63-02880
63-02388, 63-02529, 63-02891, 63-03097, 63-03207, 63-07202
2. Other water rights with the same point of diversion: 63-03207, 63-03097

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NE SE	SW	10	3N	3W	Canyon	Aerial map
			SE	SW	10	3N	3W	Canyon	" "
			SE	SW	10	3N	3W	Canyon	" "

2. Place(s) of Use:

Indicate Method of Determination Same as P/D

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	3W	10												15 16					15 16
3N	3W	10												C					
3N	3W	10									D			D	D		D		
* 3N	3W	10											16						16
3N	3W	15	D																

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* Acres covered under 63-03097. Examiner deleted these 6 acres in the narrative + recommendation. BC

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

E. NARRATIVE/REMARKS/COMMENTS

OVERLAPS - P/D Same QD, different P/D
P/U Same QD, different areas of use.

On this permit, Fern State Academy is served by 3 wells. Two wells for domestic use in (9) homes, (2) dormitories, (1) administration building, gymnasium, and various other buildings on school grounds, and commercial use (bakery). One well is used to irrigate approximately 10 acres of the school grounds.

(Irrigation): $Q = \frac{(8.8)(0.7)(10)}{150 + (2.31 \times 50)} = \frac{61.6}{265.5} = 0.23 \text{ CFS}$
(10 h.p. pump)

Well # 2

Permit requests an allocation of 0.32 CFS. As per Act Anderson, well irrigates only school grounds. Permit shows 6 acres is SWSW, which is agricultural land. This land irrigated by separated well. Therefore, since only 10 acres is being irrigated by this well, and the allocation is 0.02 CFS/acre, which the pump is capable of ^{discharging} producing, recommend Licensing of 0.20 CFS for irrigation of 10 acres.

(Domestic): $Q = \frac{(8.8)(0.7)(10)}{130 + (2.31 \times 50)} = \frac{61.6}{245.5} \approx 0.25 \text{ CFS}$
SESW, Sec. 10

Wells 1 and 3

$Q = \frac{(8.8)(0.7)(5)}{128 + (2.31 \times 40)} = \frac{30.8}{220.4} \approx 0.14 \text{ CFS}$

Dynamic Pumping Levels for all wells determined as per office diagram and specifications. System pressures assumed as per pump size.

Conditions of permit approval been met? ☒ yes ☐ no

(Continued on sheet 2 narrative.)

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* See attached Adjustments to Field Exam Memo below.

FILED

F. FLOW CALCULATIONS

Measured Method:

(Theoretical)

Additional Computation Sheets Attached

(See Narrative Section for Theoretical Capacity Calculation)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated} \times (\text{Irrigation Requirement})) = 10 \times 4.5 = 45.0 \text{ AFA}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.20 \times 246 \times 1.9835 = 97.6 \text{ AFA}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 45.0 \text{ AFA}$$

2. Volume Calculations for Other Uses:

$$\text{Domestic (9 homes, interval)} - V = 9 \times 0.6 = 5.4 \text{ AFA}$$

$$\text{Added school} - V = 136,000 \text{ gpd} \times 6 \text{ days/week} \times 52 \text{ weeks} = 42,432,000 \text{ gal/yr}$$

$$\text{Commercial} - V = 130.2 \text{ AFA}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	From	To	Period of Use	Rate of Diversion Q (cfs)	Annual Volume V (afa)
Irrigation	3/15	11/15	11/15	0.20	45.0
Domestic	1/1	12/31	12/31	0.23	130.2
Commercial	1/1	12/31	12/31	0.39	5.4
Added school	1/1	12/31	12/31	0.82	180.6
Totals:					205.8

2. Recommended Amendments

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

I. AUTHENTICATION

Field Examiner's Name Rick Williams Date 3/29/94

Reviewer _____ Date _____ SEAL

* Reduced to standard rate for multiple houses/w/o irrigation. BC
 * (9 domestics) @ .14 cfs
 * Added school building to domestic annual volume needs. BC
 300 pupils + staff @ 75 gal per day = 25.2 afa per yr

130.2

E. NARRATIVE/REMARKS/COMMENTS

(Domestic)(Cont.):

(EC)

* $Q = (9) \text{ homes @ } 0.04 \text{ cfs/home} = 0.36 \text{ cfs}$ Standard rate = .14 cfs

School:

$$Q = 0.58 \text{ gpm} \times 173 \text{ Fixtures} = 100.34 \text{ gpm} \approx 0.23 \text{ cfs}$$

TOTAL Domestic $\approx 0.60 \text{ cfs}$

The permit indicates a requested allocation of 1.20 cfs. Flow calculated above is 0.60 cfs. The theoretical capacity for the domestic systems is only 0.39 cfs. Therefore, recommend Licensing for 0.39 cfs domestic, not 1.2 cfs as requested on permit.

Commercial:

$$Q = 9 \text{ fixtures} \times 1.1 \text{ gpm} = 9.9 \text{ gpm} \approx 0.03 \text{ cfs}$$

Pressure Washers:

$$Q = 70 \text{ gallon} / 3 \text{ hrs.}$$

$$Q = \frac{6 \times 2800}{1020 \text{ min}} = 17 \text{ gpm} = 84 \text{ gpm} \approx 0.20 \text{ cfs}$$

$$Q = \frac{(84)(0.7)}{0.39 \text{ cfs}} \text{ (Commercial and domestic use on same system)}$$

Main source of water use is to clean (4) dough making machines. Every 3 hours, pressure washers are used to clean dough machines, each using 70 gallons per cleaning.

Since actual water use of 0.23 cfs is less than the systems capacity of 0.39 cfs, recommend Licensing for 0.23 cfs for commercial use.

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

JIN

ADJUSTMENTS TO FIELD EXAM MEMORANDUM

TO: File 63-11308
FROM: Brenda Chapman *BC*
DATE: May 23, 1994
RE: Adjustments Made

=====

* An adjustment or notes were made on the field exam in the following portion(s) based on the information below.

C. SYSTEM DESCRIPTION

2. Place of Use:

The 6 acres of cropland in the SWSW $\frac{1}{4}$ of Section 10 is covered under 63-03097. The acres under this right is for school grounds only and is limited to 10 acres in the SESW of Section 10. The 6 acres were deleted from all of the calculations but inadvertently left on the from of the exam.

E. NARRATIVE/REMARKS/COMMENTS

I had to research a previous license on this school to get more information on the facilities. It is a 4 year high school with:

Boys dorm average	= 100 students
Girls dorm average	= 115 students
Faculty and staff	= 85

Total	300
-------	-----

F. FLOW CALCULATIONS

The flow rate for 9 homes was changed to coincide with the standard chart used @ .14 cfs.

G. VOLUME CALCULATIONS

Added the volume calculation for 300 faculty, staff and students per day @ 75 gallons per day for a recommended annual volume of 25.2 af per year.

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CONTINUED →

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	3-15 to 11-15	.20	45.0
Commercial	1-1 to 12-31	.23	130.2
Domestic	1-1 to 12-31	.37	30.6
=====			
Total		.62	205.8

(The rate is reduced to the capacity of the system)

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University of Idaho
Agricultural Experiment Station

P/D IRR WALK
63-03097

P/D P/M
DOMESTIC

P/D - IRR
OF SCHOOL GARDEN

PERMIT 63-11308 INIT RC
T. R. S. Q/Q
P/D 3N 3W 10 NESW/SESW
SCALE
PHOTO ID. X-55 Lake Lowell

JUN 1963



IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

DRILLING PERMIT NO: 63-91-W-157 OTHER APPLICABLE NO: _____OWNER: Gem State Academy Phone: 459-1627Address: 1611 S. Montana, Caldwell, ID 83605WELL LOCATION: Twp 3N, Rge. 3W, Sec. 10, SE 1/4 SW 1/4
County Canyon (Provide sketch map and photo on reverse.)DRILLER: Bill Doty Drilling Lic. No. 42When Drilled? 5/22/91

WELL CONSTRUCTION

Casing Diameter 8" inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ NoCasing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____Depth of Casing 305 ft. Method Drilled Rotary & AirCondition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____Control Valve? ☐ Yes ☒ No Pressure Gauge: ☐ Yes ☒ NoCondition of Piping and Valving Good - Replaced abandon well.Auger to a depth of 355 ft. Evidence of Annular Seal ☐ Yes ☐ No

Are there obvious construction problems that may be a source for contamination or waste of water?

☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)

6. HYDROLOGIC INFORMATION

Depth to Static Water 140 ft. Water Temperature N/A °FFlowing Artesian ☐ Yes ☒ No Pressure: N/A (psi)Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____

Water Quality Measurements/Observations (Describe) _____

7. WELL USE:

☐ Domestic	☒ Irrigation	☐ Stock
☐ Test	☐ Municipal	☐ Industrial
☐ Abandoned	☐ Waste Disposal/Injection	☐ Not Used
☐ Other: _____		

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This well was a replacement for well just southwest, approx.
10'-15'. The casing size ~~is~~ 8", not 10" as shown on well
log, ~~so it is not~~ ~~was~~ also this well is located in SESW, not
SWSW as shown on well log.

Rick Collingwood, Water Rights Examiner
Signature of Dept. Representative & Title

2/10/94
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

MICROFILMED
JUN 13 1994

Form 23a-7
8/90

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

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.

Well #2 - AMSTIC TR 7 School District

1. WELL OWNER ***PAGE 1 OF 2
Name GEM STATE ACADEMY
Address 1611 S. MONTANA CALDWELL, ID. 83605
Drilling Permit No. 63-91-W-157
Water Right Permit No. 63-11308

7. WATER LEVEL
Static water level 140 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ OF. Quality _____
Describe artesian or temperature zones below.

2. NATURE OF WORK
~~XXXXXXXXXXXXXXXXXXXX~~ ☒ Replacement
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~

8. WELL TEST DATA
☒ Pump ☐ Bailor ☒ Air ☐ Other _____
Discharge G.P.M. 350 Pumping Level 280 Hours Pumped 1

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED
☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION
Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____
Thickness _____ inches Diameter _____ inches From _____ feet To _____ feet
250 inches 10 inches + 3 feet 305 feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation _____ inches by _____ inches
Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 18 Material used in seal: ☐ Cement grout
☒ Bentonite ☒ Pudding clay ☐ _____
Sealing procedure used: ☒ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent
Weld _____
☐ Cemented between strata
Describe access port _____

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
12	0	3	TOP SOIL		X
12	3	5	CLAY		X
12	5	9	HARD PAN		X
12	9	16	CLAY		X
12	16	18	GRAVEL		X
10	18	73	GRAVEL		X
10	73	79	BROWN CLAY		X
10	79	80	BROWN CORSE SAND		X
10	80	84	CLAY		X
10	84	87	FINE SAND		X
10	87	89	CLAY - BROWN		X
10	89	91	CORSE BROWN SAND		X
10	91	97	BROWN CLAY/FINE SAND		X
10	97	105	FINE SANDS		X
10	105	110	BROWN CLAY		X
10	110	113	SAND		X
10	113	117	CLAY		X
10	117	136	SAND /CLAY		X
10	136	151	SAND		X
10	151	157	BROWN CLAY		X
10	157	161	FINE BROWN SAND		X
10	161	176	BROWN CLAY		X
10	176	184	SAND		X
10	184	197	CLAY		X
10	197	204	SAND		X
10	204	212	CLAY		X
10	212	226	FINE BROWN SAND		X
10	226	234	GRAY CLAY		X
10	234	256	FINE BROWN SAND/GRAVEL		X
10	256	261	BROWN CLAY/FINE SAND		X
10	261	270	CORSE & FINE SANDS		X
10	270	278	BROWN CLAY/FINE SANDS		X
10	278	282	FINE SANDS		X
10	282	296	HARD BROWN CLAY		X
10	296	303	BLUE SAND		X
10	303	314	BLUE CLAY		X

10. Work started 5-15-91 finished SEE NEXT PAGE

6. LOCATION OF WELL
Sketch map location must agree with written location.
N
W E
S
County CANYON
Subdivision Name Mt. Pleasant
Lot No. _____ Block No. 1004
S W % S W % Sec. 10 T. 3N S ☐ R. 3W E ☐ W ☐

11. DRILLERS CERTIFICATION 2
I/We certify that all minimum well construction standards were
compplied with at the time the rig was removed.
Firm Name BILL DOTY DRILLING CO INC 42
106 CALLOWAY
CALDWELL, ID. 83605 Date 5-23-91
Signed by (Firm Official) [Signature]
and [Signature]
(Operator)

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

WELL DRILLER'S REPORT

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

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY -- FORWARD THE WHITE COPY TO THE DEPARTMENT

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: _____ OTHER APPLICABLE NO: _____

2. OWNER: Gem STATE Academy Phone: 459-1627Address: 1611 S. Montana, Caldwell, ID 836053. WELL LOCATION: Twp 3N, Rge. 3W, Sec. 10, NE 1/4 SW 1/4County Canyon (Provide sketch map and photo on reverse.)4. DRILLER: Charles Davis Lic. No. 101When Drilled? June 1969

5. WELL CONSTRUCTION

Casing Diameter 8" inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ NoCasing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____Depth of Casing 228' ft. Method Drilled CableCondition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____Control Valve? ☐ Yes ☒ No Pressure Gauge: ☐ Yes ☒ NoCondition of Piping and Valving GoodAuger to a depth of 23' ft. Evidence of Annular Seal ☐ Yes ☐ No

Are there obvious construction problems that may be a source for contamination or waste of water?

☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)

6. HYDROLOGIC INFORMATION

Depth to Static Water 118 ft. Water Temperature N/A °FFlowing Artesian ☐ Yes ☒ No Pressure: N/A (psi)Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____

Water Quality Measurements/Observations (Describe) _____

7. WELL USE:

☒ Domestic	☐ Irrigation	☐ Stock
☐ Test	☐ Municipal	☐ Industrial
☐ Abandoned	☐ Waste Disposal/Injection	☐ Not Used
☐ Other: _____		

MICROFILMED
JUN 13 1994

9.

REMARKS:

Rick Collingwood, Water Rights Examiner

Signature of Dept. Representative & Title

2/10/94

Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

MICROFILMED

JUN 13 1994

Will # 3 - Domestic

REPORT OF WELL DRILLER
State of Idaho

RECEIVED

JUN 30 1957

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

WELL OWNER:

Name Blue State Academy

Address Prosser, Idaho

Caldwell, Idaho

Owner's Permit No. _____

NATURE OF WORK (check): Replacement well ☐

New well ☒ Deepened ☐ Abandoned ☐

Water is to be used for: Domestic

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☒

Dug ☐ Other _____

(explain) _____

CASING SCHEDULE: Threaded _____ Welded _____

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

Thickness of casing: 250 Material: _____

Steel ☒ concrete ☐ wood ☐ other ☐

(explain) _____
PERFORATED? Yes ☐ No ☒ Type of
perforator used: _____

Size of perforations: _____ " by _____ "

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

WAS SCREEN INSTALLED? Yes ☐ No ☐

Manufacturer's name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION: Well gravel packed? Yes ☐

No ☐ size of gravel _____ Gravel

placed from _____ ft. to _____ ft. Surface seal

provided? Yes ☐ No ☐ To what depth?

_____ ft. Material used in seal: _____

Did any strata contain unusable water? Yes ☐

No ☐ Type of water: _____

Depth of strata _____ ft. Method of sealing

strata off: _____

Surface casing used? Yes ☒ No ☐

Cemented in place? Yes ☒ No ☐

Locate well in section

LOCATION OF WELL: County _____
_____ Sec. _____ T. _____ N/S R. _____ E/W

Use other side for additional remarks

Size of drilled hole: 8 in. Total
depth of well: 231 ft. Standing water
level below ground: 110 ft. Temp. _____
Fahr. _____ Test delivery: _____ gpm
or _____ cfs Pump? ☐ Bail ☐
Size of pump and motor used to make test: _____

Length of time of test: _____ Hrs. _____ Min.

Drawdown: _____ ft. Artesian pressure: _____ ft.

above land surface Give flow _____ cfs

or _____ gpm. Shutoff pressure: _____

Controlled by: Valve ☐ Cap ☐ Plug ☐

No control ☐ Does well leak around casing?

Yes ☐ No ☐

DEPTH MATERIAL WATER

FROM TO FEET FEET YES OR NO

0 2 Top soil

2 5 Coarse gravel

5 41 Sand & gravel

41 58 Sandy yellow clay

58 76 Yellow sand

76 88 Sandy yellow clay

88 101 Dark yellow clay

101 115 Sandy yellow clay

115 145 Dark yellow clay

145 161 Sandy yellow clay

161 186 Dark yellow clay

186 195 Soft sand clay

195 212 Sand & gravel

212 225 Soft yellow clay

225 231 Dark yellow clay

231 231 Yellow sand & gravel

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IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

DRILLING PERMIT NO: _____ OTHER APPLICABLE NO: _____

OWNER: Gem State Academy Phone: 459-1627
Address: Rt. 4, Caldwell, ID

WELL LOCATION: Twp 3N, Rge. 3W, Sec. 10, SE 1/4 SW 1/4
County Canyon (Provide sketch map and photo on reverse.)

DRILLER: B & M Equipment Co. Lic. No. _____
When Drilled? 5/8/64

WELL CONSTRUCTION

Casing Diameter 8 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 230 ft. Method Drilled Rotary
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☒ Yes ☐ No Pressure Gauge: ☐ Yes ☒ No
Condition of Piping and Valving Good - wrapped in insulation
Auger to a depth of 230 ft. Evidence of Annular Seal ☐ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)

HYDROLOGIC INFORMATION

Depth to Static Water 120 ft. Water Temperature N/A °F
Flowing Artesian ☐ Yes ☒ No Pressure: N/A (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____

WELL USE:

☒ Domestic ☐ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: _____

MICROFILMED
JUN 18 1994

Rick Collingwood, Water Rights Examiner
Signature of Dept. Representative & Title

2/10/94
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

RECEIVED
MAY 1994

JUN 13 1994

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Reclamation

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.

RECEIVED
MAR 20 1970
Department of Reclamation

1. WELL OWNER

Name GEM STATE ACADEMY

Address RT. 1, CALDWELL, IDAHO

Owner's Permit No. _____

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 ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 18 inches Total depth 230 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>188</u> inches	<u>8</u> inches	<u>0</u> feet	<u>230</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☒ Yes ☐ No

How perforated? ☒ Factory ☐ Knife ☐ Torch

Size of perforation 1/8 inches by 3 inches

Number	From	To
<u>640</u> perforations	<u>190</u> feet	<u>230</u> feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☐ No

Manufacturer's name _____

Type _____ Model No. _____

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

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

Gravel packed? ☒ Yes ☐ No Size of gravel 3/8"

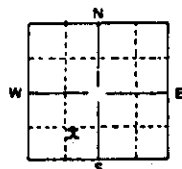
Placed from 90 feet to 230 feet

Surface seal? ☒ Yes ☐ No To what depth 90 feet

Material used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Canyon

SE 1/4 SW 1/4 Sec. 10, T. 3 N., R. 3 E., W.

7. WATER LEVEL

Static water level 120 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Other

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

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
18"	0	1	Top soil		X
"	1	9	Hard pan		X
"	9	11	Sand		X
"	11	20	Rock and coarse sand		X
"	20	47	Gravel and rock		X
"	47	50	Gravel and rock		X
"	50	78	Sand and rock		X
"	78	84	Gravel, coarse		X
"	84	100	Clay, gray with streaks of sand and fine gravel		X
"	100	134	Sand and grey clay	X	
"	134	157	Sand, fine	X	
"	157	164	Clay, grey	X	
"	164	188	Sand, fine, clay streaks	X	
"	188	198	Fine sand	X	
"	198	203	Sand, coarse, white	X	
"	203	215	Clay, grey	X	
"	215	225	Sand, coarse	X	
"	225	230	Clay, grey	X	

10.

Work started April 15, 1964 finished May 8, 1964

11. DRILLER'S CERTIFICATION

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

P. E. M. EQUIPMENT CO., INC.

Driller's or Firm's Name

Number

919 Arthur St., Caldwell, Idaho

Address

March 27, 1970

Date

USE ADDITIONAL SHEETS IF NECESSARY



PHOTO ONE-

View northwest of irrigation well. Brick well house in background has been abandon.



PHOTO TWO-

View southeasterly of school, and recreation field irrigated by well shown above. Risers located at metal fence posts. 3 1994

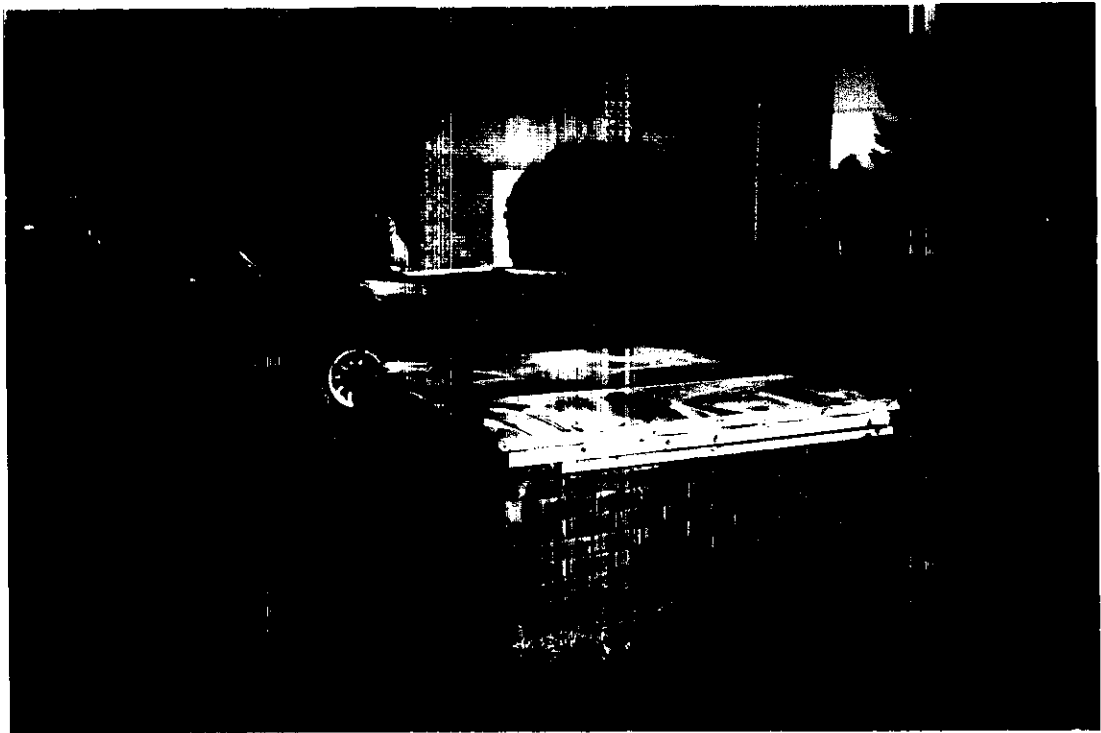


PHOTO THREE-

View northwesterly of domestic well house for school buildings. Dormitory shown in background.

>

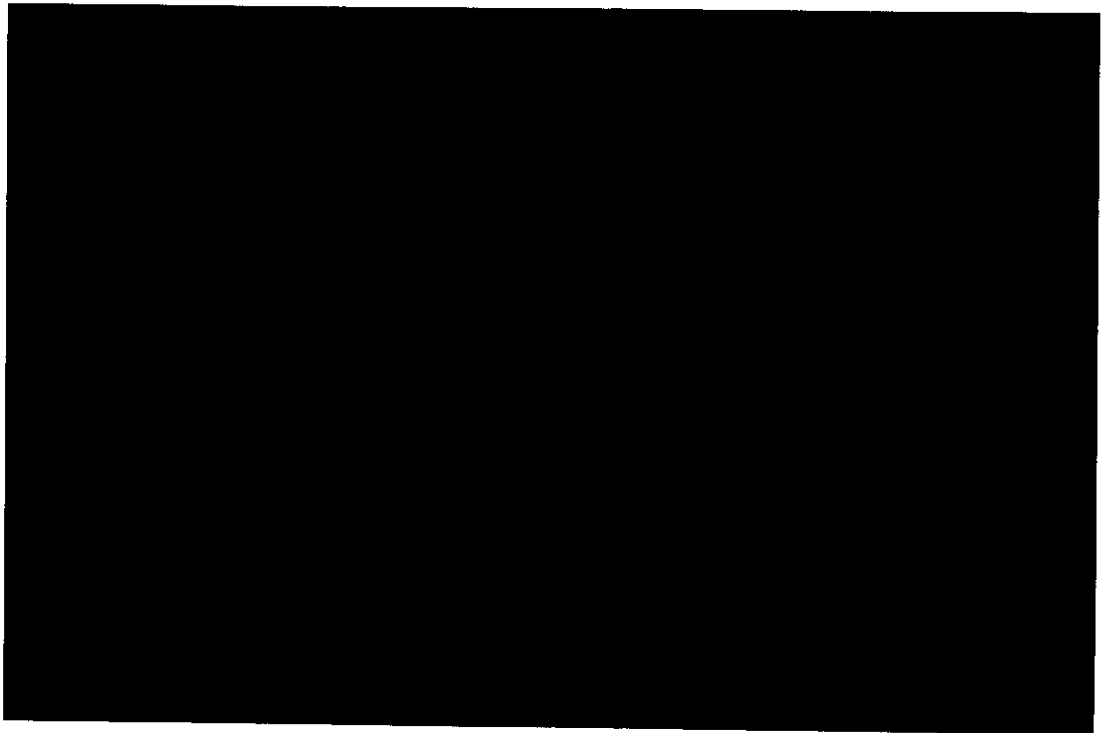


PHOTO FOUR-

Well (Domestic) located in above well house.

JUN 13 1994



PHOTO FIVE-

view northwest of administration building and dormitory to the north.

>



PHOTO SIX-

Two of ~~12~~⁹ homes served by domestic well

JUN 19 1994



seven
PHOTO ~~FIVE~~

Rhodes Bake-n-Serve Bakery located southwest of school. Commercial use on permit.

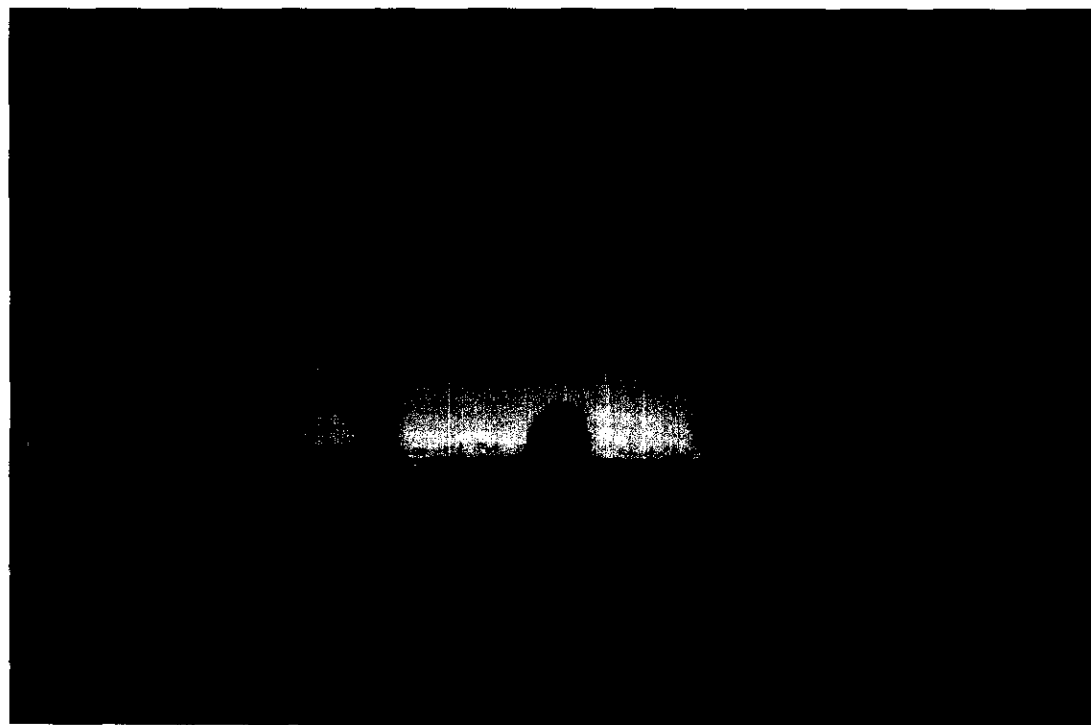


PHOTO SIX-

View northwest of domestic well house, and four homes served by well.

RECEIVED
JUN 13 1994



PHOTO FIVE-

Well house with steel pressure tank. Well is located outside structure.

>

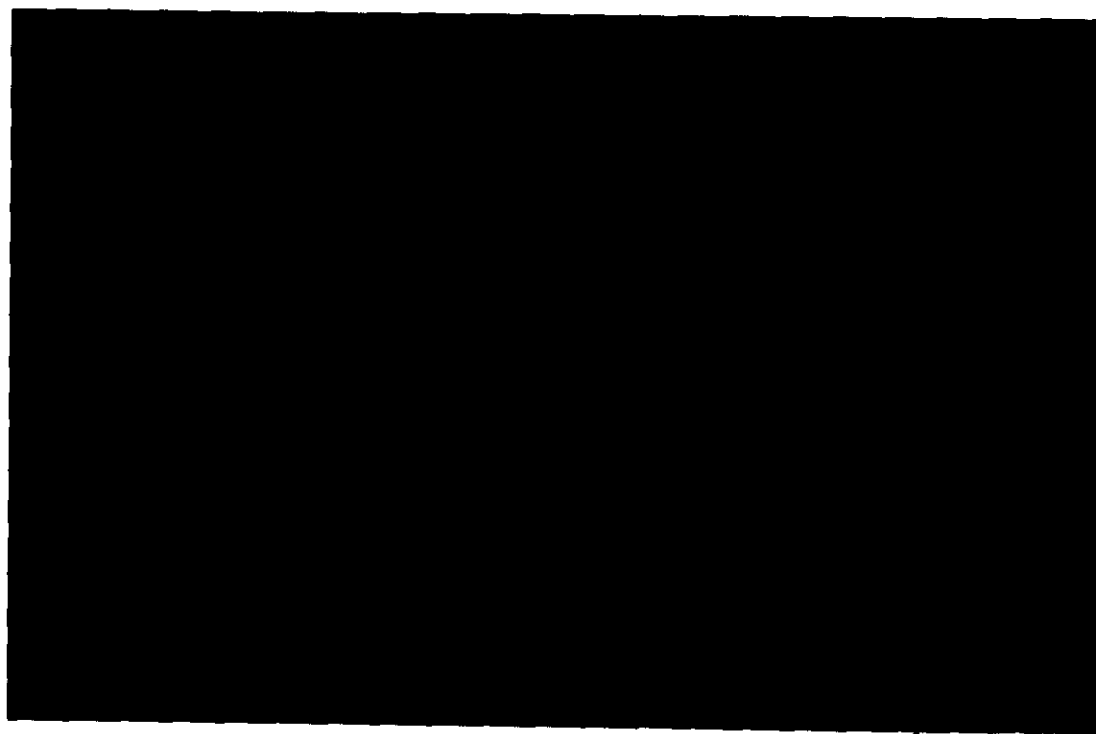


PHOTO SIX-

Well located in separate enclosure attached to well house.

RECEIVED
JUN 13 1994

July 23, 1993

GEM STATE ACADEMY
16115 MONTANA AVE.
CALDWELL ID 83605

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-11308

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

I note that the permit issued to you by the department requires the installation of a flow measurement port to allow the department to determine the rate of diversion. The proof which you submitted does not show that you have installed this equipment.

The installation of the flow measurement port must be complete by the time the department representative conducts the examination of your system unless the department has rescinded the requirement prior to the field examination. In some cases, the equipment requirement can be rescinded because the equipment cannot be physically installed, is not appropriate or can be accommodated with other measuring methods.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

MICROFILMED

JUL 23 1993

**ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE**

Permit No. 63-11308 Reviewed by llg Date 7/23/93

GENERAL CONSIDERATIONS

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

TYPES OF USE

commercial- domestic-9
unigate-16
Correct Uses? yes

SOURCE OF WATER

 Surface water source
✓ Ground water source

yes Drilling permit required?
yes Copy in the file? Drilling Permit No. 63-91-W-0157-000
200 Amount paid for permit yes Correct?
yes Well log in the file?

LICENSE EXAMINATION FEE

yes Required?
125 Amount Submitted
yes Correct?

MEASURING DEVICE

yes Required?
no Installed?
no Waiver requested?

PRIORITY CALCULATION

Date proof received NA
Date proof due -
No. of days late =
Priority Date +
New Priority Date

DEFICIENCIES OR ACTION ITEMS

proof acceptable

DATA ENTRY

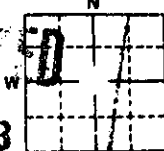
New Address

needs aflow
Proof Made 7/22/93
7/23/93 llg

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

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

1. WELL OWNER Name <u>GEM STATE ACADEMY</u> ***PAGE 1 OF 2 Address <u>1611 S. MONTANA CALDWELL, ID. 83605</u> Drilling Permit No. <u>63-91-W-157</u> Water Right Permit No. <u>63-11308</u>		7. WATER LEVEL Static water level <u>140</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ OF. Quality _____ Describe artesian or temperature zones below																																																																																																																																																																																																																																			
2. NATURE OF WORK ~~XXXXXXXXXXXXXXXXXXXX~~ ☒ Replacement ~~XXXXXXXXXXXXXXXXXXXX~~ ~~XXXXXXXXXXXXXXXXXXXX~~ ~~XXXXXXXXXXXXXXXXXXXX~~		8. WELL TEST DATA ☒ Pump ☐ Bailor ☒ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>350</u></td><td><u>280</u></td><td><u>1</u></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>350</u>	<u>280</u>	<u>1</u>																																																																																																																																																																																																																												
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>12</td><td>0</td><td>3</td><td>TOP SOIL</td><td></td><td>X</td></tr><tr><td>12</td><td>3</td><td>5</td><td>CLAY</td><td></td><td>X</td></tr><tr><td>12</td><td>5</td><td>9</td><td>HARD PAN</td><td></td><td>X</td></tr><tr><td>12</td><td>9</td><td>16</td><td>CLAY</td><td></td><td>X</td></tr><tr><td>12</td><td>16</td><td>18</td><td>GRAVEL</td><td></td><td>X</td></tr><tr><td>10</td><td>18</td><td>73</td><td>GRAVEL</td><td></td><td>X</td></tr><tr><td>10</td><td>73</td><td>79</td><td>BROWN CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>79</td><td>80</td><td>BROWN COARSE SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>80</td><td>84</td><td>CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>84</td><td>87</td><td>FINE SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>87</td><td>89</td><td>CLAY - BROWN</td><td></td><td>X</td></tr><tr><td>10</td><td>89</td><td>91</td><td>COARSE BROWN SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>91</td><td>97</td><td>BROWN CLAY/FINE SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>97</td><td>105</td><td>FINE SANDS</td><td></td><td>X</td></tr><tr><td>10</td><td>105</td><td>110</td><td>BROWN CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>110</td><td>113</td><td>SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>113</td><td>117</td><td>CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>117</td><td>136</td><td>SAND /CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>136</td><td>151</td><td>SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>151</td><td>157</td><td>BROWN CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>157</td><td>161</td><td>FINE BROWN SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>161</td><td>176</td><td>BROWN CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>176</td><td>184</td><td>SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>184</td><td>197</td><td>CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>197</td><td>224</td><td>SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>204</td><td>212</td><td>CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>212</td><td>226</td><td>FINE BROWN SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>226</td><td>234</td><td>GRAY CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>234</td><td>256</td><td>FINE BROWN SAND/GRAVEL</td><td></td><td>X</td></tr><tr><td>10</td><td>256</td><td>261</td><td>BROWN CLAY/FINE SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>261</td><td>270</td><td>COARSE & FINE SANDS</td><td></td><td>X</td></tr><tr><td>10</td><td>270</td><td>278</td><td>BROWN CLAY/FINE SANDS</td><td></td><td>X</td></tr><tr><td>10</td><td>278</td><td>289</td><td>FINE SANDS</td><td></td><td>X</td></tr><tr><td>10</td><td>289</td><td>296</td><td>HARD BROWN CLAY</td><td></td><td>X</td></tr><tr><td>10</td><td>296</td><td>303</td><td>BLUE SAND</td><td></td><td>X</td></tr><tr><td>10</td><td>303</td><td>314</td><td>BLUE CLAY</td><td></td><td>X</td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	12	0	3	TOP SOIL		X	12	3	5	CLAY		X	12	5	9	HARD PAN		X	12	9	16	CLAY		X	12	16	18	GRAVEL		X	10	18	73	GRAVEL		X	10	73	79	BROWN CLAY		X	10	79	80	BROWN COARSE SAND		X	10	80	84	CLAY		X	10	84	87	FINE SAND		X	10	87	89	CLAY - BROWN		X	10	89	91	COARSE BROWN SAND		X	10	91	97	BROWN CLAY/FINE SAND		X	10	97	105	FINE SANDS		X	10	105	110	BROWN CLAY		X	10	110	113	SAND		X	10	113	117	CLAY		X	10	117	136	SAND /CLAY		X	10	136	151	SAND		X	10	151	157	BROWN CLAY		X	10	157	161	FINE BROWN SAND		X	10	161	176	BROWN CLAY		X	10	176	184	SAND		X	10	184	197	CLAY		X	10	197	224	SAND		X	10	204	212	CLAY		X	10	212	226	FINE BROWN SAND		X	10	226	234	GRAY CLAY		X	10	234	256	FINE BROWN SAND/GRAVEL		X	10	256	261	BROWN CLAY/FINE SAND		X	10	261	270	COARSE & FINE SANDS		X	10	270	278	BROWN CLAY/FINE SANDS		X	10	278	289	FINE SANDS		X	10	289	296	HARD BROWN CLAY		X	10	296	303	BLUE SAND		X	10	303	314	BLUE CLAY		X
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5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>.250</u> inches</td><td><u>10</u> inches</td><td><u>3</u> feet</td><td><u>305</u> feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun Size of perforation _____ inches by _____ inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>18</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☒ Puddling clay ☐ _____ Sealing procedure used: ☒ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld _____ ☐ Cemented between strata Describe access port _____		Thickness	Diameter	From	To	<u>.250</u> inches	<u>10</u> inches	<u>3</u> feet	<u>305</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	11. DRILLERS CERTIFICATION <u>ll</u> I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>BILL DOTY DRILLING CO. INC</u> 42 <u>106 CALLOWAY</u> Address <u>CALDWELL, ID. 83605</u> Date <u>5-23-91</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																																																																																																																																																																																																			
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>CANYON</u> SW 1/4 Sec. <u>10</u> T. <u>3N</u> S. <u>3W</u> E _____																																																																																																																																																																																																																																					

JUL 23 1993

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

REPLACEMENT WELL FOR 1 OF
THE WELLS IN SEEN 5.10
NO AMENDMENT OF 63-11308
REQUIRED.

State of Idaho
Department of Water Resources

RECEIVED

APPLICATION FOR DRILLING PERMIT MAY 15 1991

1. Applicant (please print) Gem State Academy
2. Mailing Address 1615 Montana Ave Caldwell ID 83605
Telephone 459-1627 (art)

Department of Water Resources

(☒) Well Owner () Well Operator () Other, specify _____
3. Proposed well location SE 1/4 SW 1/4, or Gov't Lot No. _____
Sec. 10, Twp. 3N, Rge. 3W, County _____
Street Address of Well Site _____
Lot, block and subdivision _____

4. Proposed use of well:

- () Domestic: The use of water for homes, organization camps, public campgrounds, livestock and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

- (☒) Non-Domestic: Any beneficial use not included within the definition of domestic. Irrigation + commercial + multi-domestic
() Injection
() Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____

5. Well construction information:

- A. (~~NEW~~) New well () Deepen (☒) Replace - See Condition 9 estimate
B. Proposed Surface Diameter 10" Proposed Maximum Depth 200'
C. Anticipated bottom hole temperature:
(☒) 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212° or more (Geothermal well)

6. Construction Start Date 5-14-91
7. Anticipated Well Driller Doty Well Drilling
NOTE: The actual well driller must be identified prior to drilling.
8. Applicant's signature George Morales Date 5-13-91
Title employee

(Owner, Firm Representative, Other)

Telephone will print Sup't. (art) earlier today

MICROFILMED

JUL 23 1993

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is Approval Date 5-13-91

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

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

Stan Lester Jr. Agent for Manager, Western Region
 Signature of Authorized Department Representative Title

Receipt No. W0/3305 Received by FL Fee \$200 Date 5-13-91

RECEIVED
JUL 23 1993

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

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

June 30, 1993

GEM STATE ACADEMY
16115 MONTANA AVE.
CALDWELL ID 83605

PROOF DUE NOTICE

RE: PERMIT NO. 63-11308

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before September 1, 1993. (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.

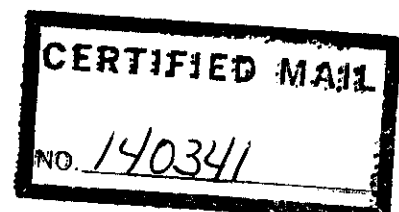
SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

MICROFILMED

JUL 23 1993



S T A T E O F I D A H O

DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 327-7900
August 16, 1990

GEM STATE ACADEMY
16115 MONTANA AVE.
CALDWELL, ID 83605

PERMIT APPROVAL NOTICE

RE: PERMIT NO. P63-11308

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

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.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

Please be advised that water quality is subject to regulations of the Idaho Department of Health and Welfare. We suggest that you check with them before starting construction.

MICROFILMED

AUG 30 1990

Be sure to note the special condition requiring you to install a measuring device, or a flow measurement port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the flow measurement port.

Please note the requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The enclosed blue card must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permit was approved.

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 into a license.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

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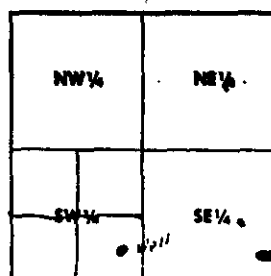
AUG 30 1990

RECEIVED
AUG 1 51960
Department of Reclamation

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

Permit No. 28836 Well No. 1 County Canyon
Owner Gem State Academy
Address 2419 So. Indiana Ave., Caldwell, Idaho
Driller Cutler Drilling Co.
Address Rt. 1, Box 1-082 Nampa, Idaho
Well location SE 1/4 SW 1/4 Sec. 10, T. 3 N. 3 E. 3 NW
Size of drilled hole 22 inch

Locate well in section



Total depth of well 260 ft

Give depth to standing water from the ground 130 ft Water temp. 64 °Fahr.

On "Pumping Test" delivery was 360 g.p.m. or c.f.s. Drawdown was No Base

Size of pump and motor used to make test 6" Benda Column 260 H.P. Diesel

Length of time of test 11 hours 0 minutes. Test & Data furnished by B & M Equipment Co Caldwell.

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

If flowing well, described control works

(TYPE AND SIZE OF VALVE, ETC.)

Water will be used for Domestic Weight of casing per lineal foot 20.2 lbs.

Thickness of casing 8 1/2 in Casing material Bare Steel Pipe
(STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 9 5/8" I.D. 260 ft. located in center of hole
(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" CD	0	260	260	Casing buttressed on bottom. Well packed with 3/4" pea gravel. Cement seal 27 ft. from surface

Number and size of perforations 426 7/12" x 6" located 145 feet to 260 feet from ground

Date of commencement of well July 19, 1960 Date of completion of well July 29, 1960

Male drilled June 1959 but not cased or used.
SESW S. 10 3N 3W

WELL LOG

From Foot	To Foot	Type of Material	Water-logging Pressure Atm. Test or In	Water-logging Pressure Atm. Test or In
0	2	Soil & Sand		
2	5	Hardpan		
5	15	Sand streaks & Hardpan		
15	19	Cobblestones		
19	22	Conglomerate rock ledge		
22	28	Cobblestones		
28	38	Conglomerate rock		
38	42	" "		
42	52	Cobblestones		
52	57	" "		
57	62	Clay		
62	70	Sandy clay w/ streaks hardpan		
70	80	Tight packed sandy clay		
80	87	" " " "		
87	97	Cemented sand		
97	107	" "		
107	112	" "		
If more space is required use Sheet No. 2				

MICROFILMED
AUG 30 1990

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 Carter Drilling Co.
By Kenneth R. Carter

Dated July 29, 1960

License No. 113

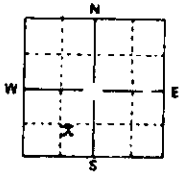
USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Reclamation

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.

RECEIVED
MAR 30 1970
Department of Reclamation

1. WELL OWNER Name <u>GEM STATE ACADEMY</u> Address <u>RT. 4, CALDWELL, IDAHO</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>120</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																																																																						
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☐ Bailer ☐ Other <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Draw Down</th><th>Hours Pumped</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	Discharge G.P.M.	Draw Down	Hours Pumped																																																																																																																			
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5. WELL CONSTRUCTION Diameter of hole <u>18</u> inches Total depth <u>230</u> feet Casing schedule: ☒ Steel ☐ Concrete <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>1.88</u> inches</td><td><u>8</u> inches</td><td><u>0</u> feet</td><td><u>230</u> feet</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated? ☒ Factory ☐ Knife ☐ Torch Size of perforation <u>1/8"</u> inches by <u>3</u> inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>640</u> perforations</td><td><u>190</u> feet</td><td><u>230</u> feet</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> Well screen installed? ☐ Yes ☐ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☒ Yes ☐ No Size of gravel <u>3/8"</u> Placed from <u>90</u> feet to <u>230</u> feet Surface seal? ☒ Yes ☐ No To what depth <u>90</u> feet Material used in seal ☒ Cement grout ☐ Puddling clay		Thickness	Diameter	From	To	<u>1.88</u> inches	<u>8</u> inches	<u>0</u> feet	<u>230</u> feet																	Number	From	To	<u>640</u> perforations	<u>190</u> feet	<u>230</u> feet																																																																																								
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11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. P. & M. EQUIPMENT CO. INC. Driller's or Firm's Name _____ Number _____ <u>919 Arthur St., Caldwell, Idaho</u> Address _____ Signed By <u>[Signature]</u> Date <u>March 27, 1970</u>																																																																																																																							

USE ADDITIONAL SHEETS IF NECESSARY

REPORT OF WELL DRILLER
State of Idaho

RECEIVED
MAY 2 1966

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

WELL OWNER:

Name Sum State Academy
Address Caldwell Idaho

Owner's Permit No. _____

NATURE OF WORK (check): Replacement well ☒
New well ☒ Deepened ☐ Abandoned ☐

Water is to be used for: Irrigation

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☒
Dug ☐ Other _____

(explain)

CASING SCHEDULE: Threaded _____ Welded ☒

10 "Diam. from surface to 220 ft.

8 "Diam. from 220 ft. to 249 ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

Thickness of casing: _____ Material: _____

Steel ☒ concrete ☐ wood ☐ other ☐

(explain)

PERFORATED? Yes ☒ No ☐ Type of

perforator used: Fuller perforator

8 " casing

Size of perforations: _____ " by _____ "

13 "perforations from 211 ft. to 248 ft.

"perforations from _____ ft. to _____ ft.

"perforations from _____ ft. to _____ ft.

"perforations from _____ ft. to _____ ft.

WAS SCREEN INSTALLED? Yes ☐ No ☐

Manufacturer's name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION: Well gravel packed? Yes ☐

No. ☒ size of gravel _____ Gravel

placed from _____ ft. to _____ ft. Surface seal

provided? Yes ☐ No ☐ To what depth?

_____ ft. Material used in seal: _____

Did any strata contain unusable water? Yes ☐

No. ☐ Type of water: _____

Depth of strata _____ ft. Method of sealing

strata off: _____

Surface casing used? Yes ☐ No ☐

Cemented in place? Yes ☐ No ☐

Locate well in section

LOCATION OF WELL: County _____

SE x SW x Sec. 10 T. 3 N. R. 3 W

Use other side for additional remarks

Size of drilled hole: 10 " Total
depth of well: 252 Standing water
level below ground: 125 ft. Temp.
Fahr. _____ Test delivery: _____ gpm
or _____ cfs Pump? ☐ Bail ☐
Size of pump and motor used to make test: _____

Length of time of test: _____ Hrs. _____ Min.

Drawdown: _____ ft. Artesian pressure: _____ ft.

above land surface Give flow _____ cfs

or _____ gpm. Shutoff pressure: _____

Controlled by: Valve ☐ Cap ☐ Plug ☐

No control ☐ Does well leak around casing?

Yes ☐ No ☐

DEPTH MATERIAL WATER

FROM TO YES OR NO

FEET FEET

0 1 Top soil

1 6 Hard sand

6 51 Sandy gravel

51 54 Hard yellow clay

54 74 Hard sand

74 80 Hard yellow clay

80 105 Sandy yellow clay

105 112 Hard sand

112 120 Sandy clay

120 134 Hard sand

134 137 Hard yellow clay

137 146 Hard yellow clay

146 152 Hard yellow clay

152 174 Sandy clay

174 188 Hard sand

188 192 Hard yellow clay

192 201 Hard sand

201 203 Hard yellow clay

203 218 Hard sand

218 239 Hard yellow clay

239 248 Hard yellow clay

248 252 Hard yellow clay

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252 252 Hard yellow clay

Work started: May 2, 1966

Work finished: April 28, 1966

Well Driller's Statement: This well was

drilled under my supervision and this report

is true to the best of my knowledge.

Name: James H. Hurling

Address: 273 S. 2nd St. Boise

Signed by: William H. Hurling

License No. 191 Date: 4/30/66

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>Gen State Academy</u> Address <u>So. Montana & Karcher Road,</u> <u>Caldwell, Idaho 83605</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>116</u> feet below land surface Flowing? ☐ Yes ☒ No Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ OF. Quality <u>MS. SW</u>																																																																																																																																																												
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA Department of Water Resources Western Regional Office ☐ Pump ☐ Bailor ☐ Air ☐ Other Discharge G.P.M. <u>1230</u> Pumping Level <u>190'</u> Hours Pumped _____																																																																																																																																																												
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <table border="1"><thead><tr><th>Hole Diam.</th><th>Depth From</th><th>To</th><th>Material</th><th>Water Yes No</th></tr></thead><tbody><tr><td>28"</td><td>0</td><td>10</td><td>2' Top Soil-4' Wt. Clay-4' Brn. Clay</td><td></td></tr><tr><td></td><td>10</td><td>16</td><td>Brn. Sandy Firm Clay</td><td></td></tr><tr><td></td><td>16</td><td>59</td><td>Sand-Gravel-River Rock</td><td></td></tr><tr><td></td><td>39</td><td>65</td><td>Brn. Clay</td><td></td></tr><tr><td></td><td>65</td><td>80</td><td>Lt. Br. Sand</td><td></td></tr><tr><td></td><td>80</td><td>100</td><td>Brn. Clay</td><td></td></tr><tr><td></td><td>100</td><td>105</td><td>Hard Light Brn. Clay - Brittle</td><td></td></tr><tr><td></td><td>105</td><td>115</td><td>Fine Turned Brn. Sand</td><td></td></tr><tr><td></td><td>115</td><td>118</td><td>Lt. Brn. Clay</td><td></td></tr><tr><td></td><td>118</td><td>125</td><td>Lt. Brn. Fine to Med Sand</td><td></td></tr><tr><td></td><td>125</td><td>128</td><td>Brn. Clay</td><td></td></tr><tr><td></td><td>128</td><td>139</td><td>Med. Lt. Brn. Sand</td><td></td></tr><tr><td></td><td>139</td><td>165</td><td>Brn. Clay w/ Sand Streaks</td><td></td></tr><tr><td></td><td>165</td><td>192</td><td>Gray Sand - Fine to Medium</td><td></td></tr><tr><td></td><td>192</td><td>195</td><td>Brn. Clay</td><td></td></tr><tr><td></td><td>195</td><td>205</td><td>Brn. Clay w/ Sand Streaks</td><td></td></tr><tr><td></td><td>205</td><td>215</td><td>Sand & Clay Sandwiched</td><td></td></tr><tr><td></td><td>215</td><td>231</td><td>Brn. Sand Fine to Medium</td><td></td></tr><tr><td></td><td>231</td><td>235</td><td>Lt. Brn. Clay</td><td></td></tr><tr><td></td><td>235</td><td>240</td><td>Lt. Brn. Clay & Sand</td><td></td></tr><tr><td></td><td>240</td><td>245</td><td>Fine Lt. Brn. Sand & Small Bits Clay</td><td></td></tr><tr><td></td><td>245</td><td>255</td><td>Fine Brn. Sand</td><td></td></tr><tr><td></td><td>255</td><td>265</td><td>Brn. Clay w/ Sand Streaks</td><td></td></tr><tr><td></td><td>265</td><td>292</td><td>Fine to Med. Brn. Sand</td><td></td></tr><tr><td></td><td>292</td><td>295</td><td>Brn. Clay</td><td></td></tr><tr><td></td><td>295</td><td>305</td><td>Brn. Clay w/ Streaks Fine Brn. Sand</td><td></td></tr><tr><td></td><td>305</td><td>310</td><td>Blue Clay</td><td></td></tr><tr><td></td><td>310</td><td>330</td><td>Lt. Blue Sand - Med. To Coarse</td><td></td></tr><tr><td></td><td>330</td><td>335</td><td>Blue Sand & Clay Sandwiched</td><td></td></tr><tr><td></td><td>335</td><td>355</td><td>Blue Clay</td><td></td></tr></tbody></table>		Hole Diam.	Depth From	To	Material	Water Yes No	28"	0	10	2' Top Soil-4' Wt. Clay-4' Brn. Clay			10	16	Brn. Sandy Firm Clay			16	59	Sand-Gravel-River Rock			39	65	Brn. Clay			65	80	Lt. Br. Sand			80	100	Brn. Clay			100	105	Hard Light Brn. Clay - Brittle			105	115	Fine Turned Brn. Sand			115	118	Lt. Brn. Clay			118	125	Lt. Brn. Fine to Med Sand			125	128	Brn. Clay			128	139	Med. Lt. Brn. Sand			139	165	Brn. Clay w/ Sand Streaks			165	192	Gray Sand - Fine to Medium			192	195	Brn. Clay			195	205	Brn. Clay w/ Sand Streaks			205	215	Sand & Clay Sandwiched			215	231	Brn. Sand Fine to Medium			231	235	Lt. Brn. Clay			235	240	Lt. Brn. Clay & Sand			240	245	Fine Lt. Brn. Sand & Small Bits Clay			245	255	Fine Brn. Sand			255	265	Brn. Clay w/ Sand Streaks			265	292	Fine to Med. Brn. Sand			292	295	Brn. Clay			295	305	Brn. Clay w/ Streaks Fine Brn. Sand			305	310	Blue Clay			310	330	Lt. Blue Sand - Med. To Coarse			330	335	Blue Sand & Clay Sandwiched			335	355	Blue Clay	
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☒ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____																																																																																																																																																														
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other Thickness _____ inches Diameter _____ inches + _____ feet To _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet Was casing drive shoe used? ☐ Yes ☒ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Roscoe Ross</u> Type _____ Model No. _____ Diameter <u>16</u> Slot size <u>80</u> Set from <u>250</u> feet to <u>290</u> feet Diameter <u>16</u> Slot size <u>80</u> Set from <u>290</u> feet to <u>330</u> feet Gravel packed? ☒ Yes ☐ No ☐ Size of gravel <u>3/8 MINUS</u> Placed from <u>25</u> feet to <u>355</u> feet Surface seal depth _____ Material used in seal: ☐ Cement grout ☐ Puddling clay ☐ Well cuttings Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>2"</u>																																																																																																																																																														
6. LOCATION OF WELL Sketch map location must agree with written location. N W E S County <u>Canyon</u> <u>3 N 3 W</u> <u>SE 1/4 SW 1/4 Sec. 10</u> <u>T. 2 N. R. 9 E.</u>		10. Work started <u>April 26, 1982</u> finished <u>May 3, 1982</u>																																																																																																																																																												
		11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. <u>PETE COPE DRILLING CO., INC.</u> Firm Name _____ Firm No. <u>213</u> <u>6505 W. Chinden Blvd.</u> Address <u>Meridian, Id. 83642</u> Date <u>May 5, 1982</u> Signed by (Firm Official) <u>Pete Cope</u> and (Operator) <u>James E. Jones</u>																																																																																																																																																												

USE ADDITIONAL SHEETS IF NECESSARY -- FORWARD THE WHITE COPY TO THE DEPARTMENT

REPORT OF WELL DRILLER
State of Idaho

RECEIVED
41 JUL 30 1967

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

WELL OWNER:

Name Sum. State Academy

Address Montana, Kayahle

Callville, Idaho

Owner's Permit No. _____

NATURE OF WORK (check): Replacement well ☐ New well ☒ Deepened ☐ Abandoned ☐

Water is to be used for: Domestic

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☒ Dug ☐ Other ☐

(explain) _____

CASING SCHEDULE: Threaded ☐ Welded ☐

8" Diam. from 1/2 ft. to 235 ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

Thickness of casing: 350 Material: _____

Steel ☒ concrete ☐ wood ☐ other ☐

(explain) _____

PERFORATED? Yes ☐ No ☒ Type of perforator used: _____

Size of perforations: _____ " by _____ "

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

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perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

Size of drilled hole: 8 in Total

depth of well: 235 Standing water

level below ground: 115 Temp. _____

Fahr. _____ Test delivery: _____ gpm

or _____ cfs Pump? ☐ Bail ☐

Size of pump and motor used to make test: _____

Length of time of test: _____ Hrs. _____ Min.

Drawdown: _____ ft. Artesian pressure: _____ ft.

above land surface _____ Geyser flow _____ cfs

or _____ gpm. Shut off pressure: _____

Controlled by: Valve ☐ Cap ☐ Plug ☐

No control ☐ Does well leak around casing? Yes ☐ No ☐

DEPTH MATERIAL WATER

FEET FEET YES OR NO

0 2 Top soil

2 5 Coarse sand

5 41 Sand & gravel

41 58 Sandy yellow clay

58 76 Yellow sand

76 88 Sandy yellow clay

88 101 Dirty brown sand

101 135 Sandy yellow clay

135 145 Dark yellow clay

145 161 Sandy yellow clay

161 180 Fine brown sand

180 195 Dark yellow clay

195 212 Red sand

212 225 Sandy yellow clay

225 229 Dark yellow clay

229 231 Yellow sand & gravel

231 240 Yellow clay

240 240 Yellow clay

240 240 Yellow clay

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240 240 Yellow clay

Work started: May 1967

Work finished: June 1967

Well Driller's Statement: This well was

drilled under my supervision and this report

is true to the best of my knowledge.

Name: Charles Davis

Address: Rt. 2, Montpelier, Idaho

Signed by: Charles Davis

License No. 101 Date: 6/25/67

LOCATION OF WELL: County Blaine

X X Sec. 10 T. 34 N/S R. 3 W/E/W

Use other side for additional remarks

MICROFILMED
USGS

1967-10-1990

WELL LOG AND REPORT TO THE
STATE RECLAMATION ENGINEER OF IDAHO

RECEIVED
OCT 2 1957

Reg. No. _____
Well No. _____
Permit No. _____

(DO NOT FILL IN)

Owner Horn State Academy Address 2419 E. Indiana Ave. Caldwell, Ida.
Driller Ernest Kelsey Address R #1 Eagle Lake Lic. No. 39
Location of Well: NW 1/4 SW 1/4 Sec 10 T. 3 N. R. 3 SW B.M. Canyon County,
and _____ feet N/S, and _____ feet E/W from _____ Corner of _____ 1/4 Sec.
Size of Drilled Hole 12" Total depth of Well 257
Give depth of standing water from surface 124' Water Temp. 52 °Fahrenheit
On pumping test delivery was 375 g.p.m. or _____ c.f.s. Drawdown was 51 feet.
Size of pump and motor used to make the test 110 h.p. 8 in turbine hoists
Length of time pumped during check was 4 hr., _____ 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 Irrigation Weight of casing per linear foot 45 lb
Thickness of casing 330 Casing material steel
E.G., PIPE, CONCRETE, WOOD.
Diameter, length and location of casing 12" - 192' from ground level, 10" - 64' from 193' - 257'
(CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER, CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)
Number and size of perforations 1128 - size 3/16 x 6 located 197' feet to 257' feet
from surface of ground.
Other perforations _____
Date of commencement of well April 12-1957 Date of completion of well June 24-1957
Type of well rig Cable Tool

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	REMARKS - SEALS, GROUTING, ETC.
12"	0'	197'	197'	10" casing is torch slotted.
10"	193'	257'	64'	There is 64' of 10" casing in well. 60 feet is exposed to the formation.
				There are approximately 1128 slots.

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

Wells in this area are very sandy and slow to develop
Water is soft.

MICROFILMED

AUG 30 1990

~~NW SW~~ S10 3N 3W

NW SW S.10

1 log

WELL LOG

STATE OF IOWA

WELL LOG

From Foot	To Foot	Type of Material	Drilling Time		Water- bearing Formation Met. Yes or No	Casing Packed Off Yes or No
			Mins.	Mins.		
0'	2'	top soil		30	no	
2'	6'	hard pan	1		no	
6'	12'	hard pan & clay mixture	1		no	
12'	21'	sand & gravel	8		no	
21'	31'	" " "	8	30	no	
31'	41'	" " "	8		no	
41'	47'	dry gravel	4		no	
47'	50'	" "	2		no	
50'	56'	sand & clay mix	2		no	
56'	68'	" " " "	3		no	
68'	71'	sandy clay	1		no	
71'	82'	clay	3		no	
82'	92'	sandy clay	2		no	
92'	102'	" "	1		no	
102'	112'	" "	1		no	
112'	124'	clay streaks & muddy sand	1		yes	
124'	135'	" " " " "	1	45	yes	
135'	145'	" " " " "	1	30	yes	
If more space is required use Sheet No. 2						

WELL DRILLERS 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

Ernest Kelsey

By

Dated

June 24, 1952

License No.

39

MICROFILMED

AUG 30 1990

SHEET NO. 2

Well Driller Ernest Kelsey

Well Location New State Academy

WELL LOG

From Foot	To Foot	Type of Material	Drilling Time		Water-bearing Formation And, Yes or No	Casing Perforated And, Yes or No
			Hrs.	Min.		
145'	155'	clay streaks & real fine sand	2	30	yes	
155'	159'	fine gray sand	1		yes	
159'	164'	clay	1	30	no	
164'	166'	gray fine sand		10	yes	
166'	176'	fine heavy sand	3		yes	
176'	178'	" " " "	1		yes	
178'	182'	fine heavy sand	4		yes	
182'	192'	fine muddy sand	2		yes	
192'	193'	streak of clay & medium coarse sand		15	yes	
193'	197'	clay	1		no	
197'	257'	sand & clay streaks	24		yes	

MICROFILMED

~~AUG 30 1990~~

NW SW 5.10 3.0 3.0

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 State Academy

Address Oldwell Idaho

Owner's Permit No. 63-7202

7. WATER LEVEL

Static water level 33 feet below land surface

Flowing? ☐ Yes ☒ No G.P.M. flow

Temperature 75 F Quality

Artesian closed-in pressure 100 p.s.i.

Controlled by ☐ Valve ☒ Cap ☐ Plug

2. NATURE OF WORK

☐ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

8. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
<u>1000</u>	<u>4.75'</u>	<u>1 hr</u>
<u>1500</u>	<u>10.197'</u>	<u>3 hr</u>

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test

☐ Municipal ☐ Industrial ☐ Stock School

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 2 1/2 inches Total depth 370 feet

Casing schedule: ☐ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>2 1/2</u> inches	<u>1 1/2</u> inches	<u>27</u> feet	<u>240</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter 2 1/2 Slot size 20 Set from 207 feet to 227 feet

Diameter 2 1/2 Slot size 20 Set from 227 feet to 229 feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____

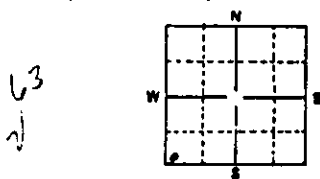
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 50 feet

Material used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Canyon

SW x SW x Sec. 10 T. 3 N. R. 3 E. W.
Sheet # 1 of 3

10. Work started April 16, 71 finished May 11, 71

11. DRILLER'S CERTIFICATION

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

Driller's or Firm's Name Can Drilling Number 2

Address State Falls, Id.

Signed By [Signature] Date May 27 1971

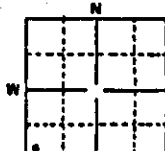
USE ADDITIONAL SHEETS IF NECESSARY

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

USE TYPEWRITER OR
BALL POINT PEN

WELL DRILLER'S REPORT

This report must be filed with the Department of Water Resources within 30 days of completion of the well.

1. WELL OWNER Name _____ Address _____ Owner's Permit No. _____		WATER USE For _____ below land surface Purpose _____ Controlled by _____ ☐ Valve ☐ Cap ☐ Plug																																																																																																																																																																																																																																																																																					
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6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>Canyon</u> <u>SW 1/4 Sec. 10, T. 3, N. 3, R. 3</u> <u>Sheet 2 of 3</u>		10. Work started <u>April 11, 71</u> finished <u>April 12, 71</u> 11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. Driller's or Firm's Name <u>Cape Drilling</u> Number <u>2</u> <u>Idaho Falls</u> Signed by <u>[Signature]</u> Date <u>MAY 21, 1971</u>																																																																																																																																																																																																																																																																																					

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

840112 112W04 8

REPORT OF WELL DRILLER
State of Idaho

JUL 20 1969

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

WELL OWNER:

Name Gene State Academy
Address Rt. 7, 4, Caldwell, Idaho

Owner's Permit No. 63-7372

NATURE OF WORK (check): Replacement well ☐

New well ☐ Deepened ☐ Abandoned ☐

Water is to be used for: Irrigation

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☐

Dug ☐ Other ☐

(explain)

CASING SCHEDULE: Threaded ☐ Welded ☐

6" Diam. from 0 ft. to 201 ft.

"Diam. from 0 ft. to 0 ft.

"Diam. from 0 ft. to 0 ft.

"Diam. from 0 ft. to 0 ft.

Thickness of casing: 1/4 Material:

Steel ☒ concrete ☐ wood ☐ other ☐

(explain)

PERFORATED? Yes ☐ No ☒ Type of

perforator used:

Size of perforations: " by "

perforations from 0 ft. to 0 ft.

perforations from 0 ft. to 0 ft.

perforations from 0 ft. to 0 ft.

perforations from 0 ft. to 0 ft.

WAS SCREEN INSTALLED? Yes ☒ No ☐

Manufacturer's name John Deere

Type 12 Model No. 12

Diam. 12 Slot size 20 Set from 20 ft. to 222 ft.

Diam. 12 Slot size 20 Set from 20 ft. to 222 ft.

CONSTRUCTION: Well gravel packed? Yes ☐

No. ☐ size of gravel Gravel

placed from 0 ft. to 0 ft. Surface seal

provided? Yes ☐ No ☐ To what depth?

0 ft. Material used in seal: Gravel

Did any strata contain unusable water? Yes ☐

No. ☒ Type of water:

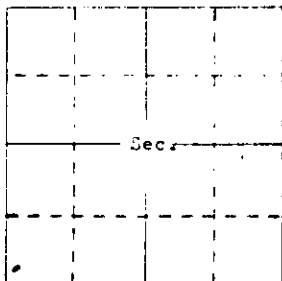
Depth of strata 0 ft. Method of sealing

strata off:

Surface casing used? Yes ☐ No ☐

Cemented in place? Yes ☐ No ☐

Locate well in section



LOCATION OF WELL: County CADWELL

11 Sec. 11 T. 5 N. R. 5 E.

Use other 11 Sec. 11 T. 5 N. R. 5 E.

Size of drilled hole: 16 Total

depth of well: 204 Standing water

level below ground: 133 Temp.

Fahr. 0 Test delivery: 0 gpm

or 0 cfs Pump? ☐ Bail ☐

Size of pump and motor used to make test:

HAS NOT BEEN DONE TO DATE

Length of time of test: 0 Hrs. 0 Min.

Drawdown: 0 ft. Artesian pressure: 0 ft.

above land surface 0 Give flow 0 cfs

or 0 gpm. Shutoff pressure:

Controlled by: Valve ☐ Cap ☐ Plug ☐

No control ☐ Does well leak around casing?

Yes ☐ No ☐

DEPTH MATERIAL WATER

FROM TO YES OR NO

FEET FEET

0 3 Top soil

3 42 Gravel

43 70 Gravel

70 108 Sand

108 129 Yellow clay

129 131 Yellow sand

131 150 Clay

150 162 Sandy clay

162 170 Yellow clay

170 185 Sandy clay

185 203 Light green sand

203 209 White sand from gravel

209 211 Yellow clay

211 232 White clay

232 234 Yellow clay

234 245 Yellow clay

245 256 Red clay

256 260 Clay

260 265 Sand

265 278 Yellow clay

278 281 Yellow clay

281 290 Yellow clay

290 294 Sand

294 296 Yellow sand

296 303 Sand

Work started: 7:00 1969

Work finished: 2:00 1969

Well Driller's Statement: This well was

drilled under my supervision and this report

is true to the best of my knowledge.

Name: John Deere

Address: 1111 N. 1st St. Caldwell, Idaho

Signed by: John Deere

License No. 555 Date: 5-21-1969

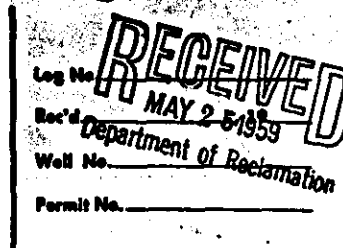
MICROFILMED

AUG 30 1990

ISGS

SESW S. 10
6 logs
(none > 7/87)

WELL LOG AND REPORT TO THE
STATE RECLAMATION ENGINEER OF IDAHO



(DO NOT FILL IN)

Owner Gem State Academy Address 2419 So. Indiana Ave., Caldwell
Driller Kenneth R. Cutler Address Rt. 1 Nampa Lic. No. 113
Location of Well: SE 1/4 SW 1/4 Sec. 10, T. 3 N., R. 3 W. Canyon County,
and 120 feet N. of, and 100 feet W. from N.E. Corner of SE 1/4 SW 1/4 Sec. 10
Size of Drilled Hole 22 inch Total depth of Well 322 Ft.
Give depth of standing water from surface 96 Ft. Water Temp. 63 °Fahrenheit
On pumping test delivery was 866 g.p.m. or c.f.s. Drawdown was 53 feet.
Size of pump and motor used to make the test 6" Bools 286 H.P. Motor
Length of time pumped during check was 7 hr., 0 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 Irrigation Weight of casing per linear foot 24.3 lbs.
Thickness of casing 3/16 inch Casing material P.E. Bare Steel Pipe
S.G., PIPE, CONCRETE, WOOD.
Diameter, length and location of casing 12" O.D. 320 Ft. Located in center of hole
(CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;
CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)
Number and size of perforations 846 5/32" x 6" located 180 feet to 320 feet
from surface of ground.
Other perforations None
Date of commencement of well April 29, 1959 Date of completion of well May 18, 1959
Type of well rig Rotary

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	REMARKS -- SEALS, GROUTING, ETC.
12"	0	320	320 Ft.	Gravel packed with 5/8" Peg Gravel Balanced on bottom

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

Test pumping data supplied by owner. Driller does not
conduct test pumping.

MICROFILMED

SESW S. 10 31W 31N

AUG 30 1990

WELL LOG

From Foot	To Foot	Type of Material	Drilling Time		Water Level Feet Below Surface	Casing Feet Below Surface
			Hrs.	Mins.		
0	2	Soil	←		No	No
2	5	Hardpan	7		"	"
5	12	Sand		40	"	"
12	22	Cobblestones & Sand			"	"
22	32	" "	←		"	"
32	42	" "	8	45	"	"
42	45	" "			"	"
45	55	Cemented sand & Cobblestones	←		"	"
55	65	" " "	14	15	"	"
65	75	White cemented honeycombed sand	←		"	"
75	85	White sandstone			"	"
85	95	" "	9	40	"	"
95	102	" "	←		"	"
102	112	Clay w/ streaks of Hardpan	12	30	"	"
112	122	" " "	←		"	"
122	130	" " "	7	25	"	"
130	136	Clay & Sand streaks			Yes	"
136	140	Honeycombed sandstone & Hardpan	←		"	"

If more space is required use Sheet No. 2

WELL DRILLERS 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

Kenneth R. Cutler

By

Dated

May 21, 19*59*

License No.

113

MICROFILMED

AUG 30 1990

Well Driller K.R. Carter
Well Location Jim Stalls Academy
2222 10th St

From Foot	To Foot	Type of Material	Drilling Time		Weathering - Amount Ass. Yes or No	Casing Penetrated Ass. Yes or No
			Mts.	Mins.		
146	156	Sandy Clay		0	Yes	No
150	161	Cemented sand w/streaks Hardpan			No	"
161	169	Clay			"	"
169	170	Hardpan			"	"
170	172	Clay	3	0	"	"
172	179	Hardpan			"	"
179	189	Hardpacked Sandy Clay			Yes	Yes
189	199	" " "	1	0	"	"
199	209	" " "			"	"
209	220	" " "	0	45	"	"
220	230	Sandy Clay			"	"
230	240	" "	1	30	"	"
240	250	" "			"	"
250	260	Sand	0	45	"	"
260	270	Hardpacked Sandy Clay			"	"
270	275	" " "			"	"
275	285	Sand, tight packed	1	45	"	"
285	295	" " "			"	"
295	306	" " "			"	"
306	308	clay	1	45	No	"
308	318	Sandy clay			Yes	"
318	322	Blue Clay	0	30	No	"

MICROFILMED

SE 50V S. 10 3N 76V

~~AUG 30 1990~~

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

RECEIVED
Log No. _____
Date SEP 23 1959
Well Department of Reclamation
Permit No. _____

*9-28836
wells*

(DO NOT FILL IN)

Owner Gem State Academy Address 2419 Indiana Ave. Caldwell
Driller Kenneth R. Cutler Address Rt 1 Box 82 Nampa, Id. No. 113
Location of Well: SE 1/4 SW 1/4 Sec. 10, T. 3 N., R. 3 W. Canyon County,
and 50 feet N., and 650 feet E/W from SW Corner of SE 1/4 SW 1/4 Sec. 10
Size of Drilled Hole 22 inch Total depth of Well 300 ft.
Give depth of standing water from surface _____ Water Temp. _____ °Fahrenheit
On pumping test delivery was _____ g.p.m. or _____ c.f.s. Drawdown was _____ feet.
Size of pump and motor used to make the test _____
Length of time pumped during check was _____ hr., _____ 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 Irrigation Weight of casing per linear foot 24.3 lbs.
Thickness of casing 3/4 inch Casing material Base Steel Pipe
E.G., PIPE, CONCRETE, WOOD.
Diameter, length and location of casing 12" O.D. 300 ft. Located in center of hole
(CASING 12" IN DIAMETER AND UNDER GIVE INSIDE DIAMETER;
CASING OVER 12" IN DIAMETER GIVE OUTSIDE DIAMETER.)
Number and size of perforations 840 5/32 x 6" located 160 feet to 300 feet
from surface of ground.
Other perforations None
Date of commencement of well July 14, 1959 Date of completion of well Aug 18, 1959
Type of well rig Rotary

CASING RECORD

DIAM. CASING	FROM FEET	TO FEET	LENGTH	"REMARKS" -- SEALS, GROUTING, ETC.
12" O.D.	0	300	300 ft	Gravel packed with 5/8" Pea Gravel Bullnosed on bottom

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

Testing done by H. J. Woods Co., Boise. Report of test sent to Idaho Conference of Seventh Day Adventists, who will forward copy to State Reclamation Engineer's Office. Results of test not known at Gem State Academy. This report held up awaiting test results.

E S W S E S W S W

MICROFILMED

AUG 30 1990

WELL LOG

From Foot	To Foot	Type of Material	Drilling Time		Water Produced From This Foot To Next Foot	Casing Produced From This Foot To Next Foot
			No.	Mins.		
0	5	Soil		20	No	No
5	6	Hardpan		15	"	"
6	14	Sand streaks + Hardpan		45	"	"
14	18	Cobblestones	1	10	"	"
18	28	Cemented conglomerate Rock	3	30	"	"
28	38	" " "	3	50	"	"
38	48	" " "	3	20	"	"
48	58	" " "	3	30	"	"
58	64	Clay	1	15	"	"
64	68	Sand			"	"
68	78	Clay + Sand streaks	5		"	"
78	80	" " "		15	"	"
80	89	Hardpan + Tight packed clay			"	"
89	99	Clay + Sand streaks			"	"
99	102	" " "	8		"	"
102	112	Brown shale			"	"
112	115	" "			"	"
115	119	Clay	10		"	"
If more space is required use Sheet No. 2						

WELL DRILLERS 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 Kenneth R. Gutter

By _____

Dated Sept. 22, 1959.

License No. 113

MICROFILMED

AUG 30 1990

SHEET NO. 2

Well Driller *K.P. Geller*Well Location *Gem State Academy*
3737 S 1st St, N. Pl.

WELL LOG

From Foot	To Foot	Type of Material	Drilling Time		Waterbearing Formation Ass. Yes or No	Casing Perforated Ass. Yes or No
			Hrs.	Min.		
119	122	Sand			NO	NO
122	126	Clay + Sand streaks		15	"	"
126	136	Cemented sand			"	"
136	146	" "			"	"
146	150	" "	8	45	"	"
150	160	Sandstone			Yes	"
160	170	"	6	15	"	Yes
170	180	"			"	"
180	190	Clay, Tight packed			NO	"
190	200	" " "	8	0	"	"
200	208	" " "			"	"
208	210	Sand			Yes	"
210	211	Clay	8	10	NO	"
211	214	Sand			Yes	"
214	225	Sandy clay			"	"
225	230	Clay, Tight packed			NO	"
230	236	Sand	6	0	Yes	"
236	246	Sandy clay			"	"
246	250	" "			"	"
250	259	Clay	5	30	NO	"
259	264	Sand			Yes	"
264	273	Clay			NO	"
273	284	Sand w/ clay streaks			Yes	"
284	286	Sand	5	45	"	"
286	297	Sand w/ clay streaks			"	"
297	300	Clay			NO	"

SEE W 114 3N 31W

MICROFILMED

AUG 30 1990

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-11037

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

REAL ESTATE DIVISION

12TH FLOOR

50 E. N. TEMPLE ST.

SALT LAKE CITY, UT 84150

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

SESESW

Sec 26 T 03N R 02W

(.060 CFS)

Total Diversión: (.060 CFS)

Date filed: 12/26/1989

In: T03N R02W S26

2.0 ACRES TOTAL

SESW

63-11038

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

REAL ESTATE DIVISION

12TH FLOOR

50 E. N. TEMPLE ST.

SALT LAKE CITY, UT 84150

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Use: DOMESTIC

SENE

Sec 4 T 04N R 03W

(.150 CFS)

(.050 CFS)

Total Diversión: (.200 CFS)

Date Filed: 12/26/1989

In: T04N R03W S04

5.0 ACRES TOTAL

SENE

63-11039

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

REAL ESTATE DIVISION

12TH FLOOR

50 E. N. TEMPLE ST.

SALT LAKE CITY, UT 84150

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

NENENW

Sec 9 T 05N R 05W

(.030 CFS)

Total Diversión: (.030 CFS)

Date Filed: 12/26/1989

In: T05N R05W S09

1.0 ACRES TOTAL

NENW

63-11043

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

REAL ESTATE DIVISION

12TH FLOOR

50 E. N. TEMPLE ST.

SALT LAKE CITY, UT 84150

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Use: DOMESTIC

SESWE

Sec 20 T 03N R 02W

(.060 CFS)

(.050 CFS)

Total Diversión: (.110 CFS)

Date Filed: 12/26/1989

In: T03N R02W S20

2.0 ACRES TOTAL

SWNE

63-11044

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

REAL ESTATE DIVISION

12TH FLOOR

50 E. N. TEMPLE ST.

SALT LAKE CITY, UT 84150

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

SESWE

Sec 20 T 03N R 02W

(.120 CFS)

Total Diversión: (.120 CFS)

Date Filed: 12/26/1989

In: T03N R02W S20

4.0 ACRES TOTAL

SWNE

63-11045

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

REAL ESTATE DIVISION

12TH FLOOR

50 E. N. TEMPLE ST.

SALT LAKE CITY, UT 84150

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

SESESE

Sec 28 T 03N R 02W

(.030 CFS)

Total Diversión: (.030 CFS)

Date Filed: 12/26/1989

In: T03N R02W S28

1.0 ACRES TOTAL

SESE

63-11101

WESTVIEW SHERVIL WATER ASSOC.

504 CENTRAL JEFFERSON

NAMPA, ID 83651

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Use: DOMESTIC

SWSW

Sec 20 T 03N R 02W

(.400 CFS)

(.400 CFS)

Total Diversión: (.800 CFS)

Date Filed: 3/1/1990

In: T03N R02W S20

20.0 ACRES TOTAL

SWSW

63-11192

WATKINS, WILFRED E.

WATKINS, BARBARA J.

1616 PRIMROSE LN.

NAMPA, ID 83686

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

NWSW

Sec 2 T 02N R 02W

(.030 CFS)

Total Diversión: (.030 CFS)

Date Filed: 3/1/1990

In: T02N R02W S02

1.0 ACRES TOTAL

NWSW

63-11218

RANCHETTE ESTATES NO. 2 WATER ASSOC. INC.

C/O SHERRY L. SHEETS

23678 FREEZEOUT RD.

Caldwell, ID 83605

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Use: DOMESTIC

SWNE

Sec 3 T 04N R 03W

(.100 CFS)

(.130 CFS)

Total Diversión: (.230 CFS)

Date Filed: 3/14/1990

In: T04N R03W S03

5.0 ACRES TOTAL

SWNE

63-11247

SHIPLEY, JENNIE L.

SHIPLEY, WILLIAM M.

21451 W. CHICAGO

Caldwell, ID 83605

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Use: STOCKWATER

Use: DOMESTIC

Lot 9 (NWNWSW)

Sec 15 T 04N R 03W

(.060 CFS)

(.020 CFS)

(.060 CFS)

Total Diversión: (.140 CFS)

Date Filed: 3/23/1990

In: T04N R03W S15

2.0 ACRES TOTAL

Lot 9 (NWSW)

63-11283

DOWNS DAIRY LTD. PARTNERSHIP

31156 MARKER RD.

PARMA, ID 83660

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Use: STOCKWATER

Use: COMMERCIAL

Use: DOMESTIC

SESENE

NENESE

Sec 23 T 05N R 06W

Sec 23 T 05N R 06W

(.030 CFS)

(.580 CFS)

(.200 CFS)

(.040 CFS)

Total Diversión: (.650 CFS)

Date Filed: 4/13/1990

In: T05N R06W S23

1.0 ACRES TOTAL

NENE

SENE

NESE

63-11285

FAIRBANKS, LEON

FAIRBANKS, ETHEL

8820 USTICK RD.

BOISE, ID 83704

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

SESESE

Sec 28 T 02N R 02W

(1,000 CFS)

Total Diversión: (1,000 CFS)

Date Filed: 4/18/1990

In: T02N R02W S28

80.0 ACRES TOTAL

SWSE

SESE

63-11299

SWARTZ, VERA I.

8454 S. POWERLINE RD.

NAMPA, ID 83686

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

SENWSE

Sec 14 T 02N R 02W

(.740 CFS)

Total Diversión: (.740 CFS)

Date Filed: 4/25/1990

In: T02N R02W S14

37.0 ACRES TOTAL

NWSE

SWSE

63-11303

AMERICAN CRYSTAL SUGAR

5081 W. USTICK RD.

NAMPA, ID 83651

Source: GROUNDWATER

Diversión Pt:

Use: COMMERCIAL

NENENE

Sec 9 T 03N R 01W

(.100 CFS)

Total Diversión: (.100 CFS)

Date Filed: 2/22/1990

In: T03N R01W S09

NENE

63-11305

HINCKS, BOYD

8750 TRACK RD.

NAMPA, ID 83686

Source: GARLAND DRAIN

Diversión Pt:

Use: IRRIGATION

SWNWNE

Tributary: LAKE LOWELL

Sec 36 T 02N R 02W

(.150 CFS)

Total Diversión: (.150 CFS)

Date Filed: 4/6/1990

In: T02N R02W S23

7.3 ACRES TOTAL

NWNE

63-11306

OBENDORF, RAY

24034 BATT CORNER RD.

PARMA, ID 83660

Source: UNNAMED STREAM

Diversión Pt:

Use: WILDLIFE

Tributary: ROSS EAST END DRAIN

NENESE

Sec 35 T 05N R 05W

SESWSE

Sec 36 T 05N R 05W

(2,860 CFS)

Total Diversión: (2,860 CFS)

Date Filed: 3/29/1990

In: T05N R05W S35

NWNE

SWNE

SENE

NESE

63-11308

GEM STATE ACADEMY

16115 MONTANA AVE.

CALDWELL, ID 83605

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Use: COMMERCIAL

Use: DOMESTIC

SENESE

Sec 10 T 03N R 03W

Sec 10 T 03N R 03W

(.320 CFS)

(.480 CFS)

(.1200 CFS)

Total Diversión: (2,000 CFS)

Date Filed: 2/28/1990

In: T03N R03W S10

NENW

SWSE

NENE

S15

16.0 ACRES TOTAL

63-11309

CITY OF CALDWELL

PARKS DEPARTMENT

P.O. BOX 1177

CALDWELL, ID 83605

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

Lot 7 (SESESE)

Sec 16 T 04N R 03W

(.560 CFS)

Total Diversión: (.560 CFS)

Date Filed: 4/20/1990

In: T04N R03W S16

S21

14 ACRES TOTAL

Lot 7 (SESE)

NENE

63-11313

SHORT, RONALD E.

25026 GERI LN.

CALDWELL, ID 83605

Source: GROUNDWATER

Diversión Pt:

Use: IRRIGATION

SWSW

Sec 27 T 05N R 03W

(.020 CFS

63-11308

GEM STATE ACADEMY
16115 MONTANA AVE.
CALDWELL, ID 83605

Source: GROUNDWATER

Diversion Pt: SENESW Sec 10 T 03N R 03W
 SESW Sec 10 T 03N R 03W

Use: IRRIGATION (.320 CFS)
 COMMERCIAL (.480 CFS)
 DOMESTIC (1.200 CFS)
 Total Diversion: (2.000 CFS)

Date Filed: 2/28/ 1990

In: T03N R03W S10	NENW	NESW	SWSW	SESW
	SWSE			
S15	NENE			

16.0 ACRES TOTAL

MICROFILMED

AUG 30 1990