

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-16689

Exam Date: 05/08/2024

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N

- a. X Irrigation of 5 acres or less
b. N/A Storage of up to 14.6 AF for stockwater purposes only
c. X Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less.
d. N/A Other < >

2. Current Owner: COMEBACK BAY WATER ASSN INC

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No Explain:

- The Permit was filed as a community water system owned by Comeback Bay Water Assn Inc, who's bylaws authorize them to serve water to the property owner(s) Lynda & Ronnie Mullaley – current owners of parcel RP00700020050A (Lot 5, Blk2; Come Back Bay Subdivision).
- The Permit Holder owns one of two well lots located at Tax Lot 1, Come Back Bay Subdivision – RP007000001T0A.
- The second well lot is located on parcel RP0006900040040A currently owned by Gruber Trust; The Permit Holder has access to the well based on warranty deed: 500308 dated 3/10/1997 which stipulate the property is subject to restrictions and covenants of the plat of Come Back Bay, if any (includes current Water Assn covenants to operate the system).
- I don't see any issues with the ownership of this permit or proposed license.

3. Beneficial Use Fees have been paid: X Y N Receipt No: N0445104. **SOURCE:** Groundwater

Method of Determination: ArcMap GIS and Tax Parcel Data.

Change in Source: Y X N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-8299	Groundwater	Irrigation, Stockwater, Domestic	License
96-8450	Groundwater	Irrigation, Domestic	License, Notice of Claim filed in CFRBA
96-8667	Groundwater	Municipal	License, with Claim filed in CFRBA
96-8777	Groundwater	Irrigation	License, with Claim filed in CFRBA

Comments:

- Licensed Right 96-8299's POU overlaps this Permit's domestic & irrigation POU. Backfile review of 96-8299's beneficial use field exam report has maps that show the POU located between the railroad tracks and Lignite Rd, both of which are east of this Permit's POU. Currently, there hasn't been a notice of claim filed on License 96-8299 but regardless there isn't any concern for overlap between Rights concluding my analysis.
- Licensed Right 96-8540 has the same owner as this Permit and has common water system infrastructure that is used for irrigation & domestic POU(s) which overlap this Permit's POU(s). I reviewed the backfile for 96-8540 which illustrates that when licensed the water system served 12 homes along with irrigation for those lots associated with the 12 homes. During claims taking for the Clark Fork Pend Oreille River Basin Adjudication (CFRBA) process, the Permit holder filed a Notice of Claim based on the license but determined the home & irrigation covered under this Permit was added after 96-8450 had been added as the 13th service connection. This necessitated a new application for permit be filed resulting in this Permit 96-16689.

There is overlap concern based on diversion rate between the two WRs but based on backfile information and the notice of claim filed for 96-8450 the generic shape applied to the license will be refined during adjudication review to exclude this Permit's parcel and domestic/irrigation POU usage. There is no concern for overlap based on POU between 96-8450 & this Permit 96-16689.

- Licensed Right(s) 96-8667 and 96-8777 are both owned by Mountain Springs Water Corp., who is a municipal provider with a Service area (POU) that overlaps the Comeback Bay Water Assn community water system (POU). Each system is separate and doesn't co-mingle in their infrastructure. The Department has received Notice(s) of Claim(s) for the two licenses in the CFRBA process. My analysis indicates that as the groundwater systems are separate and there is no overlap conflict based on service connections between 96-8667, 96-8777, and this Permit 96-16689. As Department staff works toward making recommendations for claim(s) 96-8667 & 96-8777's respective POU shapes will be refined to accurately describe municipal and/or irrigation POUs that exclude Comeback Bay Water Assn's community water system.

2. Other water rights with the same point of diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-8450	Groundwater	Irrigation, Domestic	License, Notice of Claim filed in CFRBA

Comments: The Permit Holder's prior Right 96-8450 share the same two groundwater PODs as this Permit. Condition F06 was added to the Permit's approval describing both WRs sharing POD(s). There is a direct overlap between the two rights pertaining to diversion rate. Permit 96-16689 adds a 13th service condition for domestic and irrigation to the existing Licensed (96-8450) 12 homes and irrigation use. 96-8450 is licensed for 0.15 cfs and I've evaluated Permit 96-16689 recommending a maximum diversion rate of 0.07 cfs. I have recommended adding condition X35 which describes that when combined Rights 96-8450 & 96-16689 shall not exceed a maximum diversion rate of 0.15 cfs. This mitigates overlapping water right concerns between the two rights based on POD & pumping rates.

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
GROUNDWATER			NW	SE	2	56N	02W	B.M.	BONNER
GROUNDWATER			NW	NE	11	56N	02W	B.M.	BONNER

Method of Determination: ArcMap aerial imagery and backfile information for Right 96-8450.

Change in POD? Y X N Amendment Required? Y X N

2. Place of Use: IRRIGATION

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
56N	02W	2														0.4			0.4
		Lot #																	
Total Acres =																			0.4

Place of Use: DOMESTIC

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
56N	02W	2														X			
		Lot#																	

Method of Determination: GIS and Tax Parcel Data.

Change in POU? X N Amendment Required? X N

3. Diversion System Information:

Description: Two groundwater wells, each with a 1.5 Hp pump to storage reservoirs prior to distribution to service connections on the community water system.

☐ Delivery System Diagram Attached. (mark all major components and distances between components)

☒ Aerial Photo Attached (required)

☐ Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
96-86-N-140-1 & 96-71-N-38	Unkown	1.5	Unknown	Sta-Rite	Unknown. Note: this GW well constructed in 1971 was deepened in 1986.
96-73-N-52	Unknown	1.5	Unknown	Sta-Rite	Unknown

D. FLOW MEASUREMENTS

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurement Comments: No measurement required for an in-office exam.

E. FLOW CALCULATIONS

Irrigation:

Measurement = 0.4 ac x 0.03 cfs = 0.012 cfs or 0.01 cfs based on department rounding standards.

Permit allowed = **0.03 cfs**

Domestic:

Measurement = 1 home authorized a diversion rate of 0.04 cfs based on Administrator's Memorandum, Application Processing No. 22: Definition of "Domestic".

Permit allowed = **0.04 cfs**

Comments: SEE ATTACHED THEORETIC PUMP EQUATIONS.

The backfile information for prior WR 96-8450 B.U. report identifies that each well with 1.5 Hp pump installed has a pump capacity of 0.07 cfs +, which equals the maximum diversion rate of 0.15 cfs as licensed. The water system hasn't changed its pump components and still holds the 1.5 Hp well pump(s) used in the diverting works for the community system.

Due to flow measurements not being required, I calculated two theoretic pump equations based on well driller reports for the two wells associated with the water system. These wells are referenced in an IDEQ report nested in the application for permit backfile for this Permit. Based on the two theoretic equations I have derived a total diversion rate of 0.07 cfs which is recommended as the maximum diversion rate for licensing purposes for this Right.

Each beneficial use retains their respective diversion rate as referenced above. The irrigation beneficial use was designated at 0.03 cfs based on Administrative Memo – Application Processing No. 17, which authorizes up to 0.03 cfs per acre for small acreage irrigation.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.4 \text{ ac} \times 3.0 \text{ afa} = 1.2 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 12.7$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.2 \text{ af}$$

2. Volume Calculations for Other Uses: Maximum Diversion Volume equals 1.2 af (irrigation) + 0.6 af (domestic) = 1.8 af.

G. PURPOSE OF USE

Irrigation Y N # Stock N/A Domestic # of Homes: 1

Other: < N/A >

Change in Purpose of Use? X N

Method of Determination: Tax lot data, and information assessed on the Statement of Completion form.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. Overlapping water right concerns have been evaluated and I've recommended addition of condition X35 based on POD overlap between Rights 96-8450 & 96-16689. I used ArcMap License POD centroid to assign one GW POD located in the SW¼SE¼ designated for 96-8450. The GW POD for 96-8450 in the NW¼SE¼ as licensed appears to be incorrect and is located in the NW¼NW¼SE¼. This is inconsistent with field maps in the backfile B.U. report for 96-8450. The well lot the POD is located on is not owned by the Permit Holder; I have not changed the POD in AdHoc or ArcMap for 96-8450 considering the CFPRBA is in process, and this will be cleaned up for 96-8450.

I assigned the second Permit POD located in the NW¼SE¼ based on the Permit POD centroid, which is located in the Permit's well lot – Tax Lot 1, Comeback Bay Subdivision. Current GIS aerial imagery has minor shift/drift, but the well is located within the Permit Holder's well lot.

I used ArcMap aerial imagery, Google Earth software, and Bonner County GIS tax parcel maps to evaluate the irrigation POU, which equals 0.4 ac of lawn and landscape located in Lot 5, Blk 2; Come Back Bay Subdivision. I assigned the domestic POU shape for the single residence located on the same parcel. The diversion rate(s) and volume(s) have been discussed above, but I'm recommending licensing with a maximum diversion rate of 0.07 cfs and maximum diversion volume of 1.8 af. As there is no realized overlap concern in POU between 96-8450 & 96-16689 I've not recommended inclusion of condition X35 related to volumetric reporting on the license.

I removed condition 046 during licensing review. I revised condition X31 to reflect post in-office exam volumetric data equaling 1.2 afa. I revised condition X59 to accurately describe each PODs location in a named subdivision(s). As discussed above, I've added condition X35 to describe combine use limitations between 96-8450 & 96-16689 associated with diversion rates; I updated the AdHoc *WaterRight* tab adding 96-8450 in the combined use tables during licensing review. All other conditions shall be carried to license approval.

Have conditions of permit approval been met? X Yes No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	0.03 CFS	1.2 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF

Totals: 0.07 CFS 1.8 AF

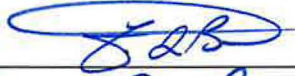
2. Recommended Amendments:

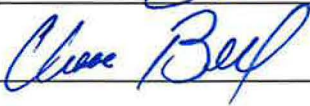
___ Change P.D. as reflected above ___ Add P.D. as reflected above **X** None

___ Change P.U. as reflected above ___ Add P.U. as reflected above **X** None

Other: < N/A >

J. AUTHENTICATION Luke Bates – Sr Water Resource Agent

Field Examiner's  Date 5/8/2024

Reviewer  Date 5/13/24

Field Exam Map(s): 9 E Comeback Bay Ln, Sagle ID 83860. Lt 5, Blk 2; Come Back Bay Subdivision.

7/2023 Google Earth imagery of property



Imagery retrieved from Google Earth on 5/8/2024

Bonner County Tax Parcel map retrieved from www.bonnercountyid.gov on 5/8/2024



Tax Parcel No. RP000700020050A

THEORETICAL PUMPING EQUATION(S) FOR WR# 96-16689

Theoretical Pumping Equation was calculated during this IN-OFFICE BENEFICIAL USE EXAM. Pump is estimated to lift 133 ft, and running at 45 psi.

PUMP EQUATION

WATER RIGHT No. 96-16689

96-86-N-140-1 & 96-71-N-38		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	1.5	237.0816	0.8	133	45
Q = 0.045 cfs 20.0 gpm						

Theoretical Pumping Equation was calculated during this IN-OFFICE BENEFICIAL USE EXAM. Pump is estimated to lift 185 ft, and running at 45 psi.

PUMP EQUATION

WATER RIGHT No. 96-16689

96-73-N-52	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = HP*8.8*Eff/H	1.5	309.0816	0.8	205	45
Q = 0.034 cfs 15.4 gpm					

USE TYPEWRITER
BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

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

SEP 19 1973

Department of Water Administration

1. WELL OWNER

Name Jim Brockway
Address P.O. Box 663 Sandpoint, Id.
Owner's Permit No. 96-73-N-52

7. WATER LEVEL

Static water level 4 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow
Temperature 42 ° F. Quality good
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
<u>15</u>	<u>110</u>	<u>25</u>

3. PROPOSED USE

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

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
<u>6</u>	<u>0</u>	<u>1</u>	<u>top soil</u>		
	<u>1</u>	<u>31</u>	<u>clay and fine sand</u>		
	<u>31</u>	<u>193</u>	<u>clay</u>		
	<u>193</u>	<u>220</u>	<u>fine sand</u>		

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 220 feet
Casing schedule: ☐ Steel ☐ Concrete
Thickness _____ Diameter _____ From _____ To _____
250 inches 6 inches + 1 feet 214 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

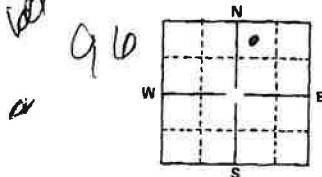
Well screen installed? ☒ Yes ☐ No
Manufacturer's name Johnson
Type Stainless Model No. _____
Diameter 6 Slot size 10 Set from 215 feet to 220 feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

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

Surface seal? ☒ Yes ☐ No To what depth 19 feet
Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Bonner
NW 1/4 NE 1/4 Sec. 2, T. 56 N. R. 2 E. W.

10. Work started 8-12-73 finished 8-16-73

11. DRILLER'S CERTIFICATION

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

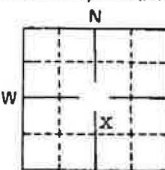
Bob Pitts Well Drilling 235
Driller's or Firm's Name _____ Number _____
415 S. Ella Sandpoint Id.
Address _____
Signed By Bob Pitts Date 9-7-73

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

1. WELL OWNER Name <u>Come Back Bay Asso.</u> Address <u>Brookway</u> Owner's Permit No. <u>96-86-N-140-1</u>	7. WATER LEVEL Static water level <u>25</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 _____ °F. Quality _____ Describe artesian or temperature zones below.																						
2. NATURE OF WORK ☐ New well ☒ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☒ Pump ☐ Bailer ☐ 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>25-30</td><td>125</td><td>3</td></tr></tbody></table>	Discharge G.P.M.	Pumping Level	Hours Pumped	25-30	125	3																
Discharge G.P.M.	Pumping Level	Hours Pumped																					
25-30	125	3																					
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>6</td><td>123</td><td>128</td><td>hardpan-clay & gravel</td><td></td><td>X</td></tr><tr><td>6</td><td>128</td><td>148</td><td>sand</td><td>X</td><td></td></tr></tbody></table> <i>Original well drilled By ~~Good~~ P.H. Drilling #168 in 5-10-71</i> 100951	Bore Diam.	Depth		Material	Water		From	To	Yes	No	6	123	128	hardpan-clay & gravel		X	6	128	148	sand	X	
Bore Diam.	Depth		Material	Water																			
	From	To		Yes	No																		
6	123	128	hardpan-clay & gravel		X																		
6	128	148	sand	X																			
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____																							
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>.250 inches</td><td>6 inches</td><td>123 feet</td><td>138 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 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>cook</u> Type <u>stainless</u> Model No. _____ Diameter <u>5</u> Slot size <u>14</u> Set from <u>138</u> feet to <u>148</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>OK</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 <u>well seal</u>	Thickness	Diameter	From	To	.250 inches	6 inches	123 feet	138 feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet			
Thickness	Diameter	From	To																				
.250 inches	6 inches	123 feet	138 feet																				
_____ inches	_____ inches	_____ feet	_____ feet																				
_____ inches	_____ inches	_____ feet	_____ feet																				
_____ inches	_____ inches	_____ feet	_____ feet																				
6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>bonnr</u> <u>3u</u> % SE % Sec. <u>2</u> , T. <u>56N</u> N. R. <u>2</u> E.W.	10. Work started <u>2-21-86</u> finished <u>2-27-86</u>																						
	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Bob Pitts & Sons</u> Firm No. <u>235</u> Address <u>4775 Baldy</u> Date <u>1-28-86</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																						

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 Jim Brockway
Address Engle Dr.
Owner's Permit No. 96-71-N-38

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 ☐ Rotory ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 130 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>2 50</u> inches	<u>6</u> inches	<u>71</u> feet	<u>129</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 3/16 inches by 4 inches

Number	From	To
24	124	128

Well screen installed? ☐ Yes ☒ No

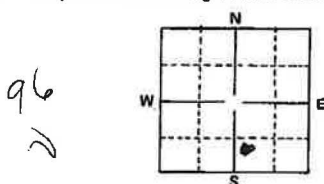
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

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

Surface seal? ☒ Yes ☐ No To what depth 18 feet
Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Donner
SW 1/4 SE 1/4 Sec. 2, T. 56 N. R. 2 E/W

7. WATER LEVEL

Static water level 4' feet below land surface
Flowing? ☐ Yes ☐ No G.P.M. flow _____
Temperature 42 ° F. Quality good
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
30	18'	4

9. LITHOLOGIC LOG

[illegible]

10.

Work started 5-10-71 finished 5-14-71

11. DRILLER'S CERTIFICATION

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

Pitts Drilling 168
 Writer's or Firm's Name Number
 At 2. Newport 2019h.
 Address
 Pitts Drilling
 Signed By Date 12