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September 25, 2007

Daniel A. Nelson
Sr. Water Right Agent
Western Region
Idaho Department of Water Resources
2735 Airport Way
Boise, Idaho 83705-5082

RECEIVED

SEP 26 2007

WATER RESOURCES
WESTERN REGION

Re: Applications for Permit Nos. 51-12999, 51-13000 and 51-13001

Dear Mr. Nelson:

Your letter of August 3, 2007 seeks information about the source of water for each of the above listed applications for permit to appropriate water. The following response to this request must be understood as cooperating to put an appropriate "name" on the channel from which the applications are seeking to appropriate water. This response must not be read as limiting the application to water from a specific source such as "waste water" to the exclusion of water from other sources such as "seepage" that also are flowing in the channel. As you know, at any point along a channel, the flow is made up of water from any and all sources providing water to the channel. The applications are intended to appropriate un-appropriated water flowing in the respective channels from any and all sources that make up the entire flow at any particular moment of time.

The flows in the channels at the points of diversion identified in each application originate from various sources such as rainfall, snowmelt, surface runoff from irrigation of surrounding fields, sub-water flows from irrigation water that has percolated to a near surface restrictive layer, and perhaps ground water from deeper artesian aquifers brought to the surface in springs and marshy areas. The depth of the channels and the presence of flow throughout the year indicate that water from subsurface sources is included in the discharge. The channels from which water is sought to be appropriated are deep enough to drain sub-water from surrounding fields that have a near surface impermeable layer. Attached are photographs showing the depth of excavation of the channels.

The channels also receive some surface return flows from natural sources and from irrigation runoff or tailwater, but this is not the exclusive source of flow in the channels at the location of the points of diversion. The presence of flow in these channels year-round suggests a ground water component for the source. Driller's reports for other wells in the immediate area indicate that ground water was encountered nearer the surface than shown on the report for the Mather well and that the static water level in some of the wells is near or above the land surface. Also, note the clay layer near the surface for the John Macquire well that would impede percolation of irrigation water without a drain. For your convenience copies of these reports are included with this letter.

As requested, on a copy of your sketch which is enclosed, I have marked the locations of the points of diversion sought for these applications relative to the sources shown.

It is important that a consistent name is used for a channel to facilitate identifying all water rights from that source. In the locality of the Obendorf applications IDWR and the SRBA Court have used the following names to describe existing water rights from the sources sought in the applications:

Application No. 51-12999 seeks the same source as Permit No. 51-7309 (termed a waste water source tributary to Little Jacks Creek). However, to be consistent with the identification given to similar channels in the area, the source should be listed as unnamed drain.

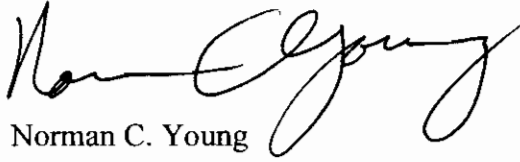
Application No. 51-13000 seeks the same source as decreed Right No. 51-4005 (termed an unnamed drain tributary of Little Valley Creek). I have not identified the points of diversion for Right No. 51-4005 in the field, but the maps included in the files for this right at IDWR locate the points of diversion on the channel identified for Application No. 51-13000.

Application No. 51-13001 seeks the same source as decreed Right No. 51-4025 (termed an unnamed drain tributary to Jacks Creek). I have not identified the points of diversion for Right No. 51-4025 in the field, but the maps included in the files for this right at IDWR locate the points of diversion on the channel identified for Application No. 51-13001.

All of the applications use the term "unnamed drainage ditch" as the source of supply, indicate under the description of the diversion works that water is taken from a drainage ditch, and include "drainage ditch" as labels on the maps accompanying the applications. Application No. 51-12999 also uses the term "ditch" in the remarks section. In line with your definition of the terms and to provide consistency with the name used by the SRBA Court, all of these references to "ditch" may be replaced with references to "unnamed drain" on the three applications. Please let me know if you would like Obendorf to submit amended applications with this change.

I appreciate your careful review of the applications and trust that you now have the information needed to allow processing of these applications to be completed.

Sincerely,

A handwritten signature in black ink, appearing to read "Norm C. Young". The signature is fluid and cursive, with the first name "Norm" and last name "Young" clearly distinguishable.

Norman C. Young

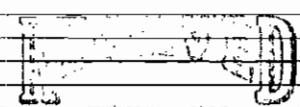
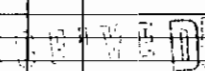
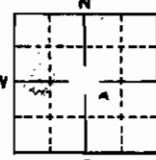
Enc. Well Driller's Reports
Photographs
Sketch Map

cc: Dana Hofstetter/enc.

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.

93

1. WELL OWNER Name <u>John Macquire</u> Address <u>Brunswick</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>18</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 _____																																																																													
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">450</td> <td></td> <td style="text-align: center;">9</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	450		9																																																																							
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG 86044 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Water Yes/No</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td>12</td><td>0</td><td>5</td><td>Soil</td><td></td></tr> <tr><td>12</td><td>5</td><td>10</td><td>Brown clay</td><td></td></tr> <tr><td>12</td><td>10</td><td>22</td><td>Gravel</td><td>✓</td></tr> <tr><td>12</td><td>22</td><td>75</td><td>Clay & sand</td><td>✓</td></tr> <tr><td>12-7</td><td>75</td><td>110</td><td>Brown sand stone + Rhyolite</td><td></td></tr> <tr><td>8</td><td>110</td><td>128</td><td>Black Rhyolite</td><td></td></tr> <tr><td>8</td><td>128</td><td>145</td><td>SANDSTONE</td><td>✓</td></tr> <tr><td>8</td><td>145</td><td>157</td><td>SAND + SOME GRAVEL</td><td>✓</td></tr> <tr><td>8</td><td>157</td><td>329</td><td>Clay + Sand + GRAVEL</td><td>✓</td></tr> <tr><td>8</td><td>329</td><td>388</td><td>Rhyolite Block</td><td>✓</td></tr> <tr><td>8</td><td>388</td><td>395</td><td>Rhyolite + Red cinder</td><td>✓</td></tr> <tr><td>8</td><td>395</td><td>443</td><td>Rhyolite Block</td><td>✓</td></tr> <tr><td>8</td><td>443</td><td>517</td><td>Rhyolite + Red cinder</td><td>✓</td></tr> <tr><td>8</td><td>517</td><td>550</td><td>Red + Black cinder + Rhyolite</td><td>✓</td></tr> </tbody> </table>  FEB 24 1982 Department of Water Resources Western Regional Office  SEP 13 1982 FEB 17 1982 Department of Water Resources	Hole Diam.	Depth		Material	Water Yes/No	From	To	12	0	5	Soil		12	5	10	Brown clay		12	10	22	Gravel	✓	12	22	75	Clay & sand	✓	12-7	75	110	Brown sand stone + Rhyolite		8	110	128	Black Rhyolite		8	128	145	SANDSTONE	✓	8	145	157	SAND + SOME GRAVEL	✓	8	157	329	Clay + Sand + GRAVEL	✓	8	329	388	Rhyolite Block	✓	8	388	395	Rhyolite + Red cinder	✓	8	395	443	Rhyolite Block	✓	8	443	517	Rhyolite + Red cinder	✓	8	517	550	Red + Black cinder + Rhyolite	✓
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ Thickness <u>250</u> inches Diameter <u>8 1/8</u> inches + <u>1</u> feet To <u>97</u> 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 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 <u>97</u> 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 _____																																																																													
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>OWYHEE</u> <u>SE</u> <u>R4 & SE 1/4 Sec. 7, T. 7 N/S. R. 50 E/W.</u>	10. Work started <u>12-21-80</u> finished <u>3-5-80</u> 11. DRILLERS CERTIFICATION <u>SL</u> I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Huddleston Drilling</u> Firm No. <u>88</u> Address <u>MT Home</u> Date <u>3-24-80</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																																																																													

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

WELL DRILLER'S REPORT

1. WELL OWNER

Name Donald Hedges
Address Bruneau Idaho
Owner's Permit No. _____

7. WATER LEVEL

Department of Water Resources

Static water level 3' feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ OF. Quality Fair _____
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.	Drawdown	Hours Pumped
30'	22'	1

3. PROPOSED USE

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

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal
or Injection

9. LITHOLOGIC LOG

01442

[illegible]

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 183 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>250</u> inches	<u>6</u> inches	<u>18</u> feet	<u>90</u> feet
_____ inches	_____ inches	_____ feet	_____ 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
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 21 Material used in seal: ☐ Cement grou

☒ Puddling clay ☒ Well cuttings

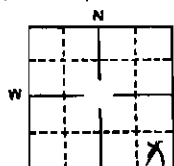
Sealing procedure used: ☒ Slurry pit ☐ Temporary surface

casing

☒ Overbore to seal depth

8. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name

Lot No. _____ Block No. _____

County Owyhee

E 1/2 SE 1/4 SE 1/4 Sec. 7, T. 7, S. 5 E/O

10.

Work started 4/5/78 finished 5/11/78

11. DRILLERS CERTIFICATION

Firm Name Shuneki Collins Firm No. 129

Address Box 187 Brunell Date 4/21/78

Signed by (Firm Official) *Louis E. Alvarado*

and
(Operator) *Bob Smith*

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.

RECEIVED
MAR 19 1971

1. WELL OWNER

Name James Agenbroad & Sons
Address P.O. Box 345 Grandview, Idaho 83621
Owner's Permit No. 51-2117

2. NATURE OF WORK

☐ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)
Put under control

3. PROPOSED USE

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

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 20 inches Total depth 1625 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
.312 inches	20 inches	+3 feet	40 feet
.250 inches	20 inches	40 feet	228 feet
.250 inches	16 inches	228 feet	632 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☒ Yes ☐ No
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

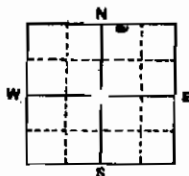
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

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

Surface seal? ☒ Yes ☐ No To what depth 632 feet
Material used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Owyhee

NW 1/4 NE 1/4 Sec. 7, T. 7 N, R. 5 E

7. WATER LEVEL

Static water level 38 PSI feet below land surface
Flowing? ☒ Yes ☐ No G.P.M. flow 3150
Temperature 104° F. Quality Good
Artesian closed-in pressure 38 p.s.i.
Controlled by ☒ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

9. LITHOLOGIC LOG

045332

Hole Diem.	Depth		Material	Water	
	From	To		Yes	No
24	0	5	Sand & Gravel		
	5	15	Sand & Gravel		
	15	40	Sand Stone & Blue Clay		
	40	45	Sand Stone & Blue Clay Firm		
	45	80	Sand Stone & Blue Clay		
	80	100	Blue Clay		
	100	135	Brown Sand Stone		
	135	205	Blue Shale Firm		
20	205	220	Brown Clay		
	220	243	Blue Shale Firm		
	243	262	Brown & Blue Clay		
	262	330	Blue Shale Firm		
	330	335	Blue Shale Hard		
	335	375	" " "		
	375	416	Chert Rock Hard		
	416	437	Clay		
	437	455	Mixed Basalt & Clay		
	455	515	Clay & Streaks Cinder Sand		
	515	523	Black Lava Rock		
	523	556	Black Lava Hard		
	556	562	Black & Green Lava Hard		
	562	566	Black & Green Very Hard		
	566	568	" " " "		
	568	578	Black Lava Firm		
	578	595	Brown Sand Stone		
	595	604	Black Lava Firm		
20	604	632	Black Lava Hard		
16					
16	632	1625	By others		

10.

Work started Feb. 1970 finished Feb. 1971

11. DRILLER'S CERTIFICATION

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

Andrew Well Drilling Contractors 5
Driller's or Firm's Name Number
1268 E. 17th St. Idaho Falls, Idaho 83401
Address
Signed By Andrew F. Andrew 2/15/71
Date

USE ADDITIONAL SHEETS IF NECESSARY

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

REPORT OF WELL DRILLER

State of Idaho

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 Dr. John A. MatherAddress 280 Horizon Drive, Boise, Idaho 83726Owner's Permit No. G-31061NATURE OF WORK (check): Replacement well ☐
New well ☒ Deepened ☐ Abandoned ☐Water is to be used for: IrrigationMETHOD OF CONSTRUCTION: Rotary ☐ Cable ☒
Dug ☐ Other ☐ (explain)CASING SCHEDULE: Threaded ☐ Welded ☐18 "Diam. from +1 ft. to 36-5 ft.14 "Diam. from +1 ft. to 333 ft.12 3/4 "Diam. from 319 ft. to 339 ft.12 3/4 "Diam. from 319 ft. to 339 ft.Thickness of casing: 250-219-250 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

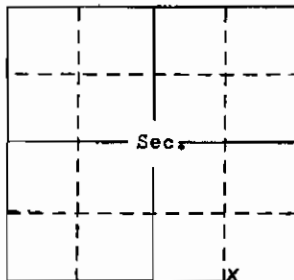
provided? Yes ☒ No ☐ To what depth?339 ft. Material used in seal: Shed casing- bentonite - lead seal - cement - (iron - brown) etc.Did any strata contain unusable water? Yes ☐No. ☒ Type of water:

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 OwyheeSE X SE X Sec. 12 T. 7 S. 14 E. 10

Use other side for additional remarks

Size of drilled hole: 18'-15'-10" Total
depth of well: 1350' Standing water
level below ground: Artesian Temp.
Fahr. 50 Test delivery: gpm
or cfs Pump? ☐ Bail ☐

Size of pump and motor used to make test:

Length of time of test: None Hrs. Min.Drawdown: ft. Artesian pressure: ft.above land surface Give flow cfsor gpm. Shutoff pressure:Controlled by: Valve ☒ Cap ☒ Plug ☐No control ☐ Does well leak around casing?Yes ☐ No ☐DEPTH MATERIAL 104164 WATER

FROM TO YES OR NO

FEET FEET

0 6 Topsoil & sand6 16 Sand, gravel & river rock16 30 Blue shale30 23 Sand & gravel23 105 Blue shale - sandy105 280 Gray shale280 309 Brown shale & bitumens - some black sand309 340 Red brown rock340 350 Gray lava - hard350 361 Hard brown chalk like clay361 385 Hard packed sand - some water Yes385 432 Dark gray rock - hard432 439 Orange clay & sand439 457 Brown clay457 578 Sand & brown clay578 585 Black rock & some sand & gray clay - loose585 638 Black rock - hard638 650 Red brown chert - some water Yes650 713 Black rock - hard713 722 Red brown clay - some water Yes722 735 Black rock - hard735 765 Tan clay765 832 Fine brown sand - very soft - some water Yes832 1027 Black rock - some water - loose Yes1027 1050 Tan clay - some water Yes1050 1084 Black rock - No water1084 1095 Red brown chert - No water1095 1122 Red brown chert - Very loose Yes1122 1350 Gray conglomerate, hard &abrasive - 1440 or no waterWork started: Dec 13, 1966Work finished: March 17, 1967Well Driller's Statement: This well was
drilled under my supervision and this report
is true to the best of my knowledge.Name: Commons Drilling CompanyAddress: Box 126 - Rupert, IdahoSigned by: Ray L. CommonsLicense No. 46 Date: Oct 6, 1967

Photo 1



Photo 2



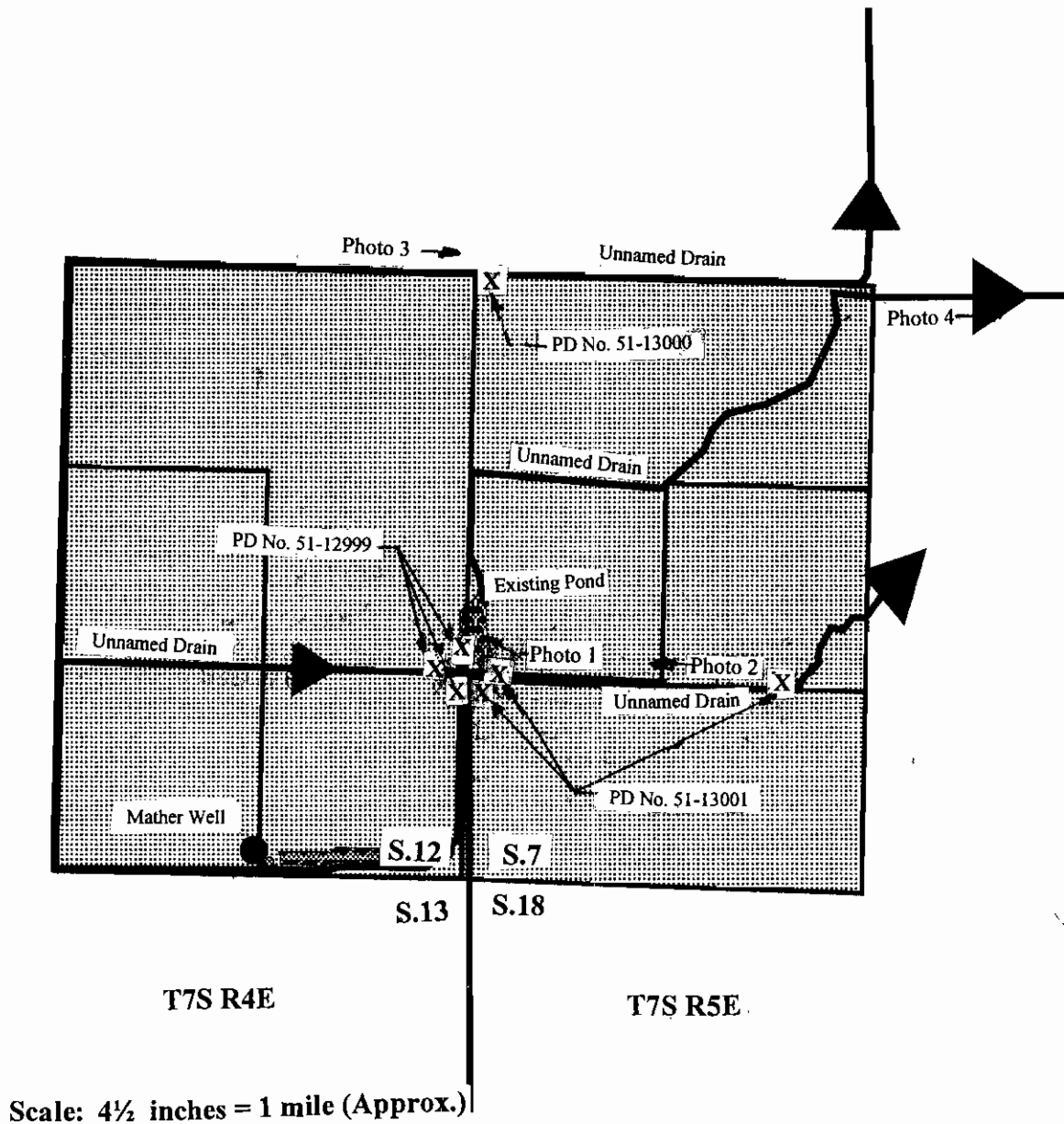
Photo 3



Photo 4



Sketch to Accompany Supplemental Information Response for Application for Permit Nos. 51-12999, 51-13000 and 51-13001 in the Name of Greg Obendorf



Note: Some points of diversion are described using two adjacent 40-acre parcels because of uncertainty of location of the unnamed drain relative to the dividing line between the legal subdivisions.