

RECEIVED

MAY 14 2015

WATER RESOURCES
WESTERN REGIONSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of IdahoIdent. No. 63-34083

1. Name of applicant(s) Greg M. and/or Katherine J. Davis Phone _____
 Name connector (check one): ☐ and ☐ or ☒ and/or
 Mailing address 3653 SW 4th Ave City New Plymouth
 State ID Zip 83655 Email _____
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point(s) of diversion:

TWP	RGE	SEC	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
7N	4W	20			NE	NE	Payette	Groundwater	D0052669
7N	4W	20			NE	NE	Payette	Groundwater	unknown

4. Water will be used for the following purposes:
- Amount 0.11 cfs for Commercial purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
- Amount 1.79 cfs for Stockwater purposes from 1/1 to 12/31 (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
5. Total quantity to be appropriated is (a) 1.90 cubic feet per second (cfs) and/or (b) _____ acre feet per year (af).
6. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. 1-12" well drilled by Haines (report attached), 1-8" well drilled by Doty (no report available); existing pumps and distribution piping
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11. For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ No
- c. Proposed well diameter is 8, 12 inches; proposed depth of well is 100-200 feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
- e. If well is already drilled, when? 1997, 2008; drilling firm Doty, Haines; well was drilled for (well owner) Greg and Kathy Davis; Drilling Permit No. 903715-850714
7. Description of proposed uses (if irrigation only, go to item 8):
- a. Hydropower; show total feet of head and proposed capacity in kW. _____
- b. Stockwatering; list number and kind of livestock. up to 4,160 additional dairy cows and replacement stock
- c. Municipal; complete and attach the Municipal Water Right Application Checklist.
- d. Domestic; show number of households _____
- e. Other; describe fully. Commercial uses for a dairy operation

8. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below.
See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
7N	4W	20	C	C	C	C													
			S	S	S	S													

Total number of acres to be irrigated: _____

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping?

65-4362, 65-22706

- Who owns the property at the point of diversion? Applicant
- Who owns the land to be irrigated or place of use? Applicant
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing:

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary.

Applicant seeks additional ground water for a proposed dairy expansion. Existing permit 65-22706 and decree 65-4362 provides adequate commercial/stockwater for 800 dairy cows (700 milking, 100 dry) and 640 replacement heifers. This application proposes commercial/stockwater for an additional 2,500 dairy cows (2,300 milking, 200 dry), and an additional 1,660 head of replacement stock.

12. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year).

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

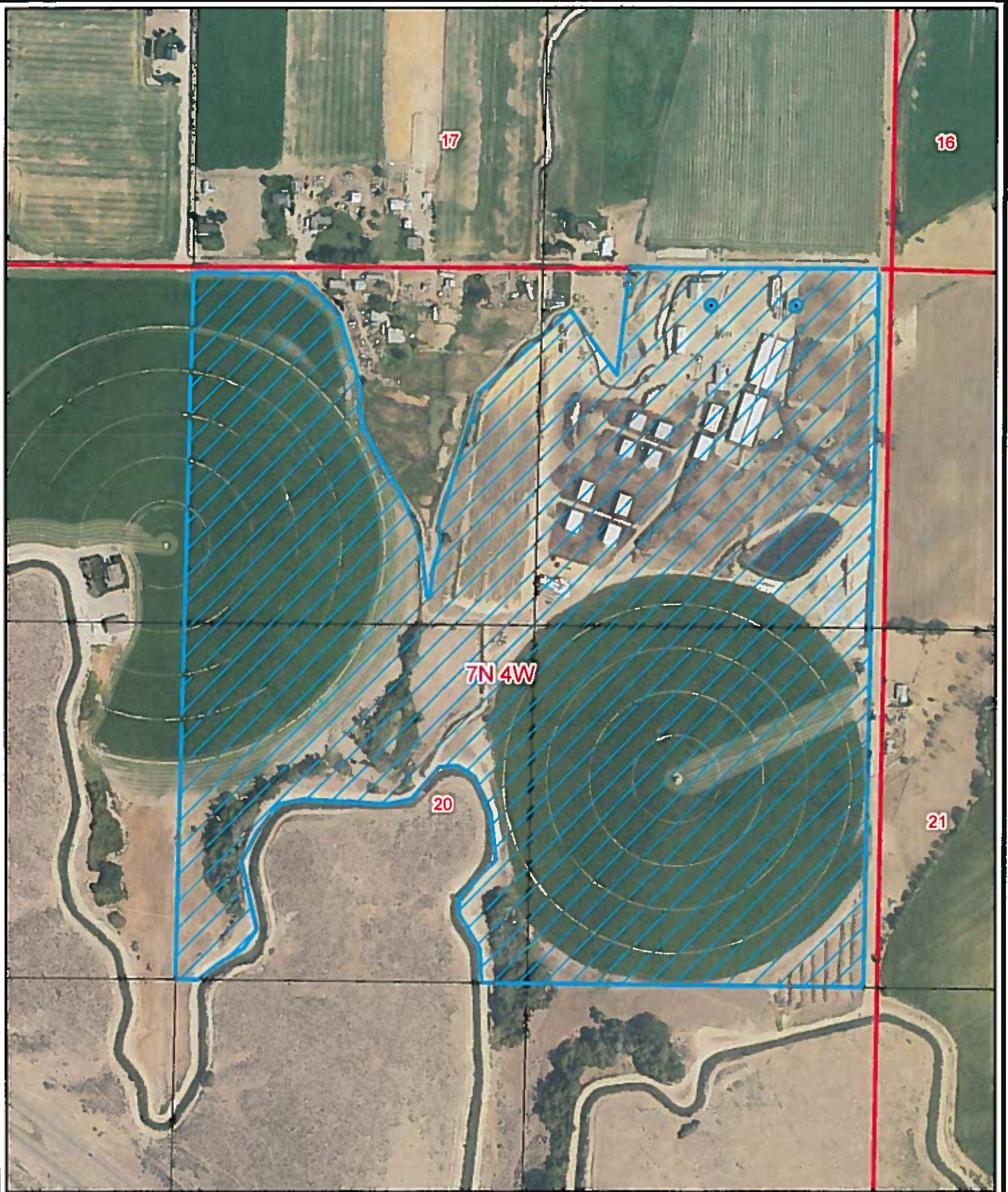
Greg Davis
Signature of Applicant

Greg Davis Owner
Print Name (and title, if applicable)

Katherine J. Davis
Signature of Applicant

Kathy Davis Owner
Print Name (and title, if applicable)

Received by CS Date 5/14/15 Time 1:55 Preliminary check by PK
Fee \$ 290⁰⁰ Received by CS Receipt No. W043099 Date 5/14/15



Legend

- Proposed Well
- ▨ Proposed Place of Use

Davis Application for Permit



0 250 500
Feet



DAILY FRESH WATER REQUIREMENT FOR DAIRY FACILITY EXPANSION

FOR: Davis Dairy
 BY: Roxanne Brown
 DATE: 4/10/2015

STOCKWATER VOLUME REQUIREMENT

TYPE OF ANIMAL	NUMBER	USE/DAY	TOTAL GAL/DAY	TOTAL GAL/YEAR
MILKING COWS	2,300.00	35.00	80,500.00	29,382,500.00
DRY COWS	200.00	14.00	2,800.00	1,022,000.00
HEIFERS	1,660.00	8.00	13,280.00	4,847,200.00
TOTAL GALLONS			96,580.00	35,251,700.00

108.18 af

STOCKWATER ANNUAL VOLUME NEEDED

COMMERCIAL VOLUME REQUIREMENT

WASH PEN ESTIMATE

GPM PER NOZZLE	NUMBER OF NOZZLES	TIME PER USE(IN MINUTES)	NUMBER OF USES	TOTAL GAL/DAY	TOTAL GAL/YEAR
0.00	0.00	0.00	0.00	0.00	0.00

MILKING PARLOR ESTIMATES

ITEM	GALS/OP	X'S/DAY	GALS/DAY	GALS/YEAR
BULK TANK	600.00	3.00	1,800.00	657,000.00
COW PREP	0.00	0.00	0.00	0.00
PIPELINES	400.00	3.00	1,200.00	438,000.00
PARLOR CLEANUP	400.00	3.00	1,200.00	438,000.00
WASHPEN CLEANUP	0.00	0.00	0.00	0.00
TOTAL MILK PARLOR USE		3.00	4,200.00	1,533,000.00

63-34083

MISCELLANEOUS USES				
ITEM	GALS/OP	X'S/DAY	GALS/DAY	GALS/YEAR
TOWEL WASHING	50.00	4.00	200.00	73,000.00
EMPLOYEE SHOWERS				
& RESTROOMS	50.00	10.00	500.00	182,500.00
MAINTENANCE SHOP	1,000.00	1.00	1,000.00	365,000.00
TOTAL MISCELLANEOUS USES			1,700.00	620,500.00

MISTERS

SPRINKLERS PER 5 COWS	NUMBER OF COWS	RATE PER SPRINKLER, IN GPM	HOURS USED		DAYS USED PER YEAR	GALS PER DAY	GALS/YR
			PER DAY	YEAR			
1	0	0.50	10.00	45.00	0		0.00

TOTAL RATE PER DAY (GALS/DAY)			TOTAL RATE OVER 2 HOURS (CFS)	
STOCKWATER	96,580		1.79	
COMMERCIAL	5,900		0.11	
TOTAL	102,480		1.90	

Proposed diversion rate and volume are in addition to the amount developed under decreed right 65-4362 and water right permit 65-22706. The dairy will consist of 3,000 milking cows, 300 dry cows, and 300-640 replacement stock upon approval of the requested permit and facility expansion.

Neely, Rachel

From: Neely, Rachel
Sent: Thursday, October 01, 2015 2:41 PM
To: 'LEGALS@IND-ENT.COM'
Subject: Payette Legal Ad
Attachments: Payette Cover Letter.docx; Payette Legal Ad.docx

Good Afternoon Legal Clerk,

Please see the attached ad for publication on 10/7/15 & 10/14/15.

Please confirm these are okay to publish as shown.

Thank you,

Rachel Neely

Administrative Assistant I
IDWR-Western Region
2735 Airport Way Boise, ID 83705
Rachel.Neely@idwr.idaho.gov

October 1, 2015

LEGAL NOTICE DEPARTMENT
INDEPENDENT ENTERPRISE
124 S MAIN
PAYETTE, ID 83661

RE: Application for Permit No. 63-34083

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 10/26/2015. Your cooperation is appreciated.

Sincerely,

Rachel Neely
Administrative Assistant

Enclosure(s)

The following application has been filed to appropriate the public waters of the State of Idaho:

63-34083

GREG M DAVIS

KATHERINE J DAVIS

3653 SW 4TH AVE

NEW PLYMOUTH, ID 83655

(2)Points of Diversion NENE S20 T07N R04W PAYETTE County Source GROUND WATER

Use: COMMERCIAL 01/01 to 12/31 0.11 CFS

Use: STOCKWATER 01/01 to 12/31 1.79 CFS

Total Diversion: 1.9 CFS

Date Filed: 5/14/2015

Places of Use: COMMERCIAL, STOCKWATER

T07N R04W S20 NE(ALL)

Water bearing zone to be appropriated is from 90 to 101 feet.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Western Region office at (208) 334-2190; or for a full description of the right(s), please see www.idwr.idaho.gov/WaterManagement/WaterRights. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of the application(s) must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise ID 83705 together with a protest fee of \$25.00 for each application on or before 10-26-2015. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 10/7/2015 and 10/14/2015



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

October 1, 2015

GREG M DAVIS
KATHERINE J DAVIS
3653 SW 4TH AVE
NEW PLYMOUTH, ID 83655

Application for Permit No. 63-34083

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the INDEPENDENT ENTERPRISE on 10/7/2015 and 10/14/2015. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Rachel Neely
Administrative Assistant

CC:

SPF WATER ENGINEERING LLC
C/O ROXANNE BROWN
300 E MALLARD DR STE 350
BOISE, ID 83706



SPF WATER
ENGINEERING

RECEIVED

SEP 02 2015

WATER RESOURCES
WESTERN REGION

August 31, 2015

Patrick Kelly
Idaho Department of Water Resources
Western Region Office
2735 Airport Way
Boise, ID 83705-5082

Re: Application for Permit – Greg and Katherine Davis
Request for Additional Information

Dear Mr. Kelly,

On behalf of Greg and Katherine Davis, we are pleased to submit a response to your letter dated July 8, 2015. Specifically, IDWR requested additional information pursuant to Idaho Code § 42-203A(5). We are providing additional information in the order outlined by your correspondence.

Information evaluating the effect your proposed stockwater and commercial diversion will have on the local aquifer and on neighboring wells. The Davis property is located approximately 2.5 miles southwest of the town of New Plymouth. SPF has compiled a list of groundwater rights and well logs within ½-mile of the proposed wells. The approximate locations of the wells (based on IDWR records and street addresses) are shown in Figure 1, and the information is summarized in Table 1.

There are a total of 22 wells with logs, recorded water rights, or both, within ½-mile of the proposed use. (Copies of the well logs are provided as Attachment A.) If we assume that domestic wells without recorded water rights authorize maximum diversions from groundwater of up to 0.04 cfs (pursuant to Idaho Code), the maximum diversion rate allowed from the 22 wells could be as high as 2.36 cfs. Three of these wells belong to the applicant and constitute the largest use of water in the area. A total of 1.17 cfs is authorized from the applicant's wells for domestic, stockwatering, and commercial uses, which constitutes 50% of the maximum authorized (1.17 cfs/2.36 cfs, as a percentage). There are no known issues with the domestic wells in the vicinity of Davis Dairy.

Well Driller Reports were available for 13 wells within ½-mile of the proposed new use. Well depths range from 68 to 261 feet. Static water levels range from 26 to 108 feet, with an average static water level of 60 feet.

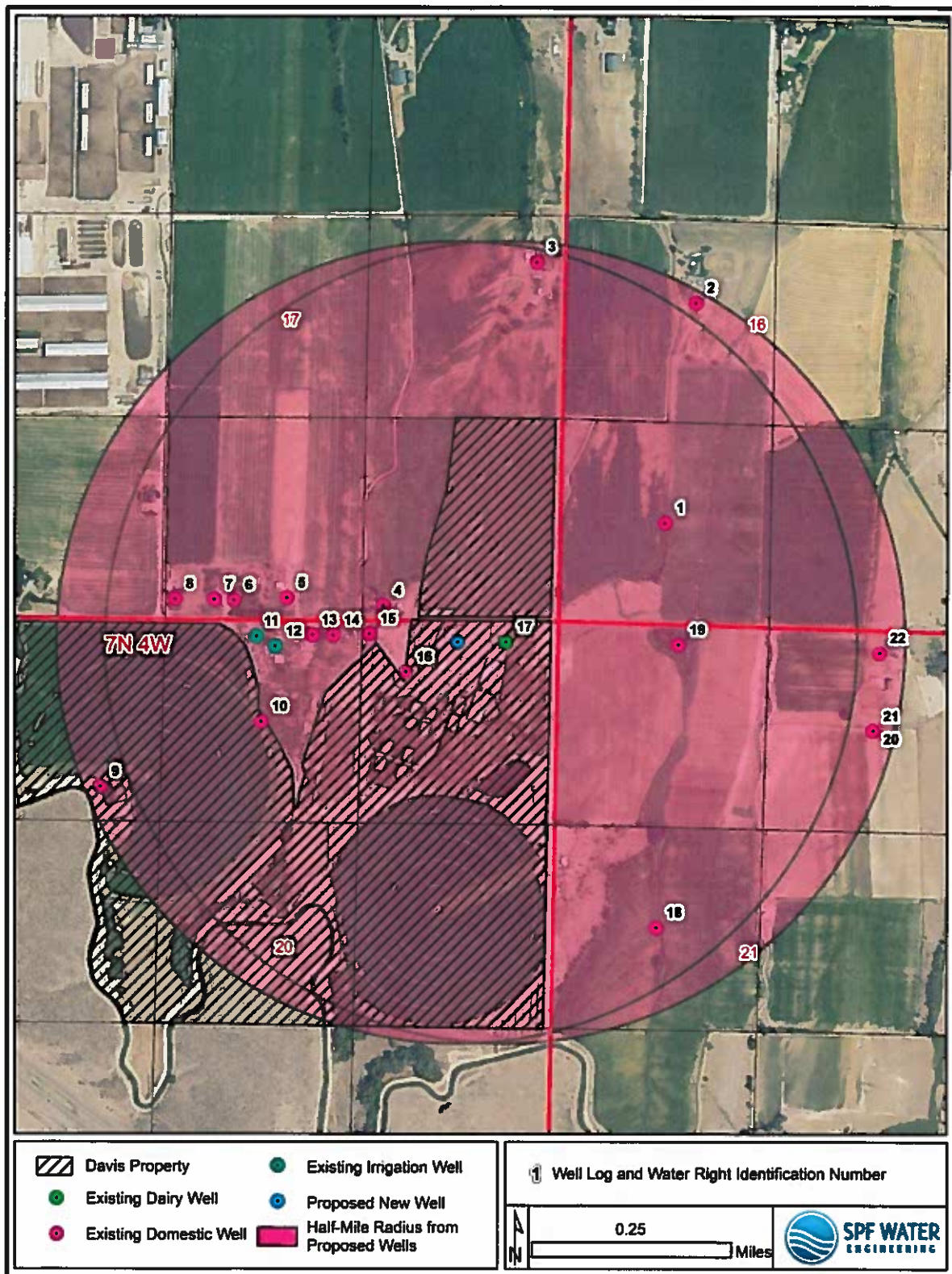


Figure 1: Local Area Wells and Water Rights (2013 NAIP Photography)

Table 1: Water Rights and Well Logs within 1/2-Mile of the Proposed Use

Well ID	Drilling Permit No.	Well Tag No.	Water Right No. (if available)	Priority Date or Well Completion Date	Record Owner	Water Use	Authorized Diversion Rate ¹ (cfs)	Well Depth (ft)	SWL (ft)	Well Yield (gpm)
1			65-5965	April 1, 1939	Ray	Domestic, Stock	0.08			
2	65-87-W-9			July 16, 1987	Shoemaker	Domestic	0.04	92	35.5	unknown
3	65-92-W-051			June 9, 1992	McManus	Domestic	0.04	106	26	20
4	65-94-W-0462-000			September 22, 1994	Hon	Domestic	0.04	180	57	100
5	65-97-W-0360-000	D-0001341		October 9, 1997	ODell Construction	Domestic	0.04	140	70	46
6			65-6220	April 1, 1940	Dykema	Domestic	0.08			
7		D-0019614		March 13, 2002	Hood	Domestic	0.04	68	37	60
8		D-0009250		May 4, 2000	Peterson	Domestic	0.04	150	80	10
9		D-0042292		January 25, 2006	Applicant	Domestic	0.04	234	105	30
10	106453		65-18432	October 15, 1979	Werner	Domestic	0.08	79	40	40
11			65-12234	May 11, 1979	Werner	Domestic, Stock, Irrigation (2 ac)	0.09			
12			65-4361	June 1, 1961	Werner	Domestic, Stock, Irrigation (3 ac)	0.15			
13				September 10, 1979	Nelson	Domestic	0.04			
14	65-94-W-0068-001			April 15, 1994	Crabb	Domestic	0.04	148	108	unknown
15	65-96-W-0334-200			October 9, 1996	Zuke	Domestic	0.04	175	65	25
16			65-4362	April 1, 1944	Applicant	Domestic, Stock	0.13			
17	903715-850714	D-0052669	65-22706	April 9, 2008	Applicant	Commercial/Stock	1.00	105	68	75
18			65-5963	April 1, 1950	Gosse	Domestic, Stock	0.16			
19	65-94-W-0470-000			October 18, 1994	Dahle	Domestic	0.04	261	48	150
20			65-4896	June 1, 1937	Heitz	Domestic, Stock	0.04			
21			65-4694	April 1, 1942	Steele	Domestic, Stock	0.07			
22	37625			July 13, 1973	Kocher	Domestic	0.04	160	35	25

Notes:

¹ Assumed to be 0.04 cfs if a water right record is not available (pursuant to the definition of domestic use found in Idaho Code §42-111).

SPF also reviewed available groundwater level hydrographs near the proposed dairy expansion. Specifically, we reviewed the available data for observation wells (1) within a 5-mile radius, and (2) with more than 5 measurements, and (3) with measurements taken within the time period of the priority dates for the most recent well development (1979 to present). The time period at (3) would capture approximately 70% of the potential pumping from the local area wells listed in Table 1 (including wells owned by the applicant), thus representing recent increased demands on the aquifer.

SPF was unable to identify any groundwater level hydrographs meeting the criteria outlined above. We interpret this to mean that groundwater levels have not been of concern within 5 miles of the proposed well.

Describe your correspondence and discussions to date with the Idaho Department of Environmental Quality (IDEQ) and the Idaho Department of Agriculture (IDA) concerning their water related permit requirements. The Davis family has complied with all state requirements for the proposed expansion of their dairy. Specifically:

- Payette County Planning and Zoning has issued a permit for an increase to 4,786 animals on the dairy by November 2019. A copy of a letter from Payette County that confirms issuance of the permit (dated August 17, 2015) is provided as Attachment B.
- The Idaho Department of Agriculture approved the current nutrient management plan (NMP) on March 23, 2015. The plan includes nutrient management for up to 6,060 animals. A copy of the cover letter and first three pages of the approved nutrient management plan are provided as Attachment C. The number of animals is confirmed on page 2; the balance of the NMP is available on request.
- IDEQ permitting is not required at this time.

Best Regards,



Roxanne Brown
Sr. Water Rights Specialist

CC: Greg and Katherine Davis

Enclosures

SPF Job No. 1163.0010

Attachment A: Well Driller Reports

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

Well ID: 2

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>Mike Shoemaker</u> Address <u>5250 Adams Rd. New Plymouth</u> Owner's Permit No. <u>65-87-20-9</u>		7. WATER LEVEL Static water level <u>35'6"</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 ☐ New well ☐ Deepened ☒ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☐ Baller ☐ 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> </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.	Pumping Level	Hours Pumped																																					
Discharge G.P.M.	Pumping Level	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 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>0</td><td>30</td><td>clay + sand</td><td> </td><td> </td></tr><tr><td> </td><td>30</td><td>40</td><td>hard pan</td><td> </td><td> </td></tr><tr><td> </td><td>40</td><td>75</td><td>sand</td><td> </td><td> </td></tr><tr><td> </td><td>75</td><td>79</td><td>gravel</td><td> </td><td> </td></tr><tr><td> </td><td>79</td><td>92</td><td>sand + gravel</td><td> </td><td> </td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	6	0	30	clay + sand				30	40	hard pan				40	75	sand				75	79	gravel				79	92	sand + gravel		
Bore Diam.	Depth		Material		Water																																						
	From	To		Yes	No																																						
6	0	30	clay + sand																																								
	30	40	hard pan																																								
	40	75	sand																																								
	75	79	gravel																																								
	79	92	sand + gravel																																								
4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____		10. Work started <u>7/15/87</u> finished <u>7/16/87</u>																																									
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ Thickness _____ Diameter _____ From _____ To _____ 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>74</u> Material used in seal: ☐ Cement grout ☐ Bentonite ☒ Pudding clay ☐ _____ Sealing procedure used: ☒ Shurry pit ☐ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port _____		11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were compiled with at the time the rig was removed. Firm Name <u>Cam State Drilling</u> Firm No. <u>0277</u> Address <u>Rush Rd Eagle</u> Date <u>7/16/87</u> Signed by (Firm Official) <u>Ally E. Smith</u> and (Operator) <u>Daniel P. Smith</u>																																									
6. LOCATION OF WELL Sketch map location must agree with written address. N W E S County <u>Payette</u> <u>NW 1/4 SW 1/4 Sec. 16, T. 7, S. R. 4 E</u> Subdiv. Name _____ Lot No. _____ Block No. _____ Date <u>OCT 14 1988</u>																																											

WELL DRILLER'S REPORT

Well ID: 3

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

49777

Well ID: 4

1. DRILLING PERMIT NO. 65-94-W-0462-000
Other IDWR No. _____

2. OWNER:

2. OWNER.
Name Gary & Janelle Hon
Address P. O. Box 962
City Ontario State OR Zip 97914

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
 W E
 S
 Twp. 7 North ☒ or South ☐
 Rge. 4 East ☐ or West ☒
 Sec. 17 SE 1/4 SE 1/4 1/4
 Gov't Lot _____ County Payette
 Address of Well Site SW 4th Ave.
 City New Plymouth

Lt. _____ Blk. _____ Sub. Name _____

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Seals or Pounds	
bentonite	0	145	12	slurry overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 140

Was drive shoe seal tested? Y ☐ N ☒ How? _____

B. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	1	140	.250	steel	☒	☐	☒	☐
					☐	☐	☐	☐
4.5	100	180	EU40	PVC	☐	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

57 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Baller ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
100		180	2

Water Temp. 65° Bottom hole temp. _____

Water Quality test or comments:

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10	0	70	brown silt		
10	70	80	sand & sparse gravel		
10	80	96	gravel & sand		X
10	96	131	brown sand heavy		
10	131	145	brown & blue clay		
6	145	145	white sand		X
6	146	152	blue clay		
6	152	162	white sand		X
6	162	168	brown clay		
6	168	172	white sand		X
6	172	174	brown clay		
6	174	176	white sand		X
6	176	180	brown clay		
REC'D JUN 30 1995 Department of Water Resources RECEIVED FEB 06 1995 WATER RESOURCES WESTERN REGION MAINTAINED AUG 15 1995					

Completed Depth 180 (Measurable)
Date: Started 9 22 94 Completed 9 22 94

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Dallas Drilling & Pump Firm No. 445

Firm Official Sgt. J. P. [Signature] Date 1-31-95
and

Supervisor or Operator Johnny L. Goff Date _____
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

(Sign once if Firm Official & Operator)

65
Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Well ID: 9

838047

Office Use Only			
Well ID No.	408452		
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat:	:	Long:	:

1. WELL TAG NO. D 0042292
 DRILLING PERMIT NO _____
 Water Right or Injection Well No _____

2. OWNER:

Name Greg Davis
 Address 3967 SW 4th Ave
 City New Plymouth State ID Zip 83655

3. LOCATION OF WELL by legal description:

You must provide address or Lot Blk. Sub or Directions to well.

Twp. 7 North ☒ or South ☐
 Rge 4 East ☐ or West ☒
 Sec. 21 SW 1/4 SE 1/4 NW 1/4
 Gov't Lot _____
 County Payette
 Lat: N 43° 56.11' Long: W 116° 50.698 GPS
 Address of Well Site _____

(Give at least name of road & distance to Road or Landmark)
 Lt _____ Blk _____ Sub Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply

(Replacement etc)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight/Volume	Seal Placement Method
ben-tonight	0	50	1600 lb	dry

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 224
 Was drive shoe seal tested? ☒ Y ☐ N How? dry hole

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6" 2 1/2"	224	230		Steel	☒	☐	☒	☐
5"	215	227	.188	Steel	☐	☒	☒	☐
5"	232	234 1/2	.188	Steel	☐	☒	☒	☐

Length of Headpipe 12 ft Length of Tailpipe 2 ft 6 in
 Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation V-wire SS

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
227	232	.20	V-wire	5"	SS	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight/Volume	Placement Method
Col. SS 10-20	215	234	300 lb	Trimmy

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

105 ft below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft Describe access port or control devices: well cap

12. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
30	19	124	4 hr

Water Temp. 65° Bottom hole temp 65°

Water Quality test or comments: OK

Depth first Water Encounter 110

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology Water Quality & Temperature	Y	N
10	0	2	Soil		
	2	14	clay brown		
	14	38	Sandy clay brown		
	38	50	clay brown		
6	50	52	"		
	52		Sandy white, clay brown		
		124	Loose starting at 110	x	
	124	138	clay brown		x
	138	140	Sandy loose brown	x	
	140	151	clay brown		x
	151	161	Sand to Silt yellow brown	x	
	161	169	Flat clay mica		
	169	172	clay yellow brown		x
	172	178	Silt to Sand orange streaks	x	
	178	184	clay yellow brown		x
	184	190	Sand & silts mica - black & gold	x	
	190	194	clay yellow brown		x
	194	197	Sand & silts, mica black, orange	x	
	197	207	clay yellow brown		x
	207	214	Sand, mica black, orange streaks	x	
	214	218	yellow brown		x
	218	222	Sand & silts dark Red brown	x	
	222	226	clay brown sticky		x
	226	232	clay blue sticky		x
	232	234	Sand white, coarse, H2O clear	x	
	234		clay blue		

RECEIVED

FEB 23 2006

WATER RESOURCES

WESTERN REGION

(Measurable)

Completed Depth 232
 Date: Started 12-29-05 Completed 1-25-06

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed

Company Name Haines Water Well Drilling Firm No 491

Principal Driller Maurin S. Hart Date 2-23-06

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required
 Operator I must have signature of Driller/Operator II

FORWARD WHITE COPY TO WATER RESOURCES

WELL DRILLER'S REPORT

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

Well ID: 10

1. WELL OWNER Name <u>Dan Warner</u> Address <u>Rt 1 New Plymouth Idaho</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>40</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 <u>good</u>																																																				
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☒ Pump ☒ Bailer ☐ Air ☐ Other _____																																																				
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type) _____	<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 align="center"><u>40</u></td> <td align="center"><u>55</u></td> <td align="center"><u>10</u></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	<u>40</u>	<u>55</u>	<u>10</u>																																														
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	9. LITHOLOGIC LOG 106453 <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 colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>4"</td> <td>0</td> <td>16</td> <td>Top hole - sand & gravel</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4"</td> <td>16</td> <td>33</td> <td>Sandy clay</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4"</td> <td>33</td> <td>39</td> <td>Sand & gravel</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4"</td> <td>39</td> <td>41</td> <td>Sandy clay</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4"</td> <td>41</td> <td>45</td> <td>Sand & gravel</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4"</td> <td>45</td> <td>79</td> <td>Hard sandstone & gravel</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4"</td> <td>79</td> <td>79</td> <td>Hard sandstone & gravel</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </tbody> </table> <u>Drilled casing at 75' developed</u> <u>with open bottom in sandstone</u>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	4"	0	16	Top hole - sand & gravel	☒	☐	4"	16	33	Sandy clay	☒	☐	4"	33	39	Sand & gravel	☒	☐	4"	39	41	Sandy clay	☒	☐	4"	41	45	Sand & gravel	☒	☐	4"	45	79	Hard sandstone & gravel	☒	☐	4"	79	79	Hard sandstone & gravel	☒	☐
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USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

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>D Doyle Nelson</u> Address <u>R1 New Plymouth Side</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>4.5</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 <u>good</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>Pagette</u> <u>N41 1/4 NE 1/4 Sec. 20 T. 7N N/S, R. 4W E/W.</u>	10. Work started <u>9-5-79</u> finished <u>9-10-79</u>																																																				

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

ES
RECEIVED
JUN 17 1994
Use Typewriter
or
Ball Point Pen
Well ID: 14
092900

1. DRILLING PERMIT NO. 65-94-W-0068-001
Other IDWR No. _____

2. OWNER:

Name FRANCIS CRABB
Address SW 4th
City NEW PLYMOUTH State TD Zip 83655

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

or South ☐ E R. 4 East ☐ or West ☒ Sec. 20 Gov't Lot _____ County PAYETTE. Above 'County' are handwritten 'NW 1/4' and 'NE 1/4' with '10 acres' and '160 acres' written below them respectively." data-bbox="100 100 850 350"/>

Address of Well Site _____

(Give at least Direction + Distance to Road or Landmark)

Lot No. _____ Block No. _____ Subd. Name _____

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK

☒ New Well ☒ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
DEFINITE		20	#50	BAG

Was drive shoe seal tested? Y ☐ N ☐ How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Casting	Liner	Steel	Plastic	Welded	Threaded
6	125	145	250			☒	☐	☒	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoes _____

Top Packer or Headpipe _____ Bottom Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____

☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/Pipe Size	Casting	Lines
						☐	☐
						☐	☐
						☐	☐
						☐	☐

10. WELL TESTS:

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Depth	Time

Temperature of water _____ Was a water analysis done? Yes ☐ No ☐

By whom? _____

Water Quality (odor, etc.) _____

Bottom Hole Temperature

11. STATIC WATER LEVEL:

108 ft. below surface Depth artesian flow found

Artesian pressure

Describe Controlling Devices:

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name PAVIS Well Pump Co Firm No. 101

Firm Official _____ Date _____

and all of it

Supervisor or Operator Chuck Davis Date 4-29-94

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

RECEIVED

Form 238-7
7/94

OCT 24 1996

WATER RESOURCES
WESTERN REGION

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT 057590

Use Typewriter
or
Ball Point Pen

Well ID: 15

1. DRILLING PERMIT NO. 65-96-W-0334-200
Other IDWR No. _____

2. OWNER:

Name William Zuke
Address 3426 N Leavitt St.
City Chicago State Ill Zip 60618

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		X	
W			E
S			

Twp. 7N North ☒ or South ☐
Rge. 4 East ☐ or West ☒
Sec. 20 NW 1/4 NE 1/4 NE 1/4
Gov't Lot _____ County _____

Address of Well Site 3883 SW 4th
City New Plymouth

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK

☐ New Well ☐ Modify or Repair ☒ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☐ Air Rotary ☒ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Bags or Pounds	
Bentonite	0	18'	28	Over Gate

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) _____
Was drive shoe seal tested? Y ☒ N ☐ How? Dry Hole

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+1.5	172'	250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

65 ft. below ground Artesian pressure _____ lb.
Depth flow encountered 173 ft. Describe access port or control devices: well cap

11. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
25	11	76	4 hr

Water Temp. 59° Bottom hole temp. 59°
Water Quality test or comments: OK

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
10	0	1.5	Soil			
	1.5	15	Silty clay, hard clayey layer			
	15	40	Sandy silty clay light brown			
	40	70	Sandy clay brown			
	70	81	Sandy clay brown with			
	81	88	clay brown sticky			
	88	90	cemented gravel &			
	90	96	gravel & brown silt			
	96	107	silt brown			
	107	114	Silty clay brown			
	114	123	clay brown, sand & mica layer			
	123	128	Silty clay & mica gold & black			
	128	144	Sand white gold black & mica			
	144	153	Silty clay brown			
	153	156	clay dark brown			
	156	169	Sand & mica odor			
	169	173	clay blue silty			
	173	175	Sand some white			

RECEIVED

OCT 28 1996

Department of Water Resources

old 4' well Abandon
10-10-96 3/4 bentonite
110 ft 2 gal Chlorine
MICROFILMED
DEC 05 1996Completed Depth 175 (Measurable)
Date: Started 10-4-96 Completed 10-9-96

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name NEW PLYMOUTH, ID 83655 Firm No. 491Firm Official Maurin Zuke Date 10-21-96and
Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Well ID: 17

850714

Office Use Only			
Well ID No.	420538		
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat	Long		

1. WELL TAG NO. D 0052669
 DRILLING PERMIT NO. 903715-850714
 Water Right or Injection Well No. 65-22706

2. OWNER:

Name Perez Davis
 Address 3653 SW 4 Ave
 City New Plymouth State ND Zip 58655

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 7 North ☒ or South ☐
 Rge. 4 East ☐ or West ☒
 Sec. 20 NE 1/4 NE 1/4 NE 1/4
 Gov't Lot _____ County Payette
 Lat: 43° 56' 25.4 Long: 116° 50' 30
 Address of Well Site 3967 SW 4th
 City New Plymouth

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other Commercial/Stock

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
benzoinite chg	0	60	4000	dry pour / Hydrated
benzoinite grout	60	100	750	dry pour

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 90

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
12	+2	-88	250	Steel	☒	☐	☒	☐
10	-67 1/2	-90	250	Steel	☐	☒	☒	☐
10	-101	-105	250	Steel	☒	☒	☒	☐

Length of Headpipe 22 1/2 Length of Tailpipe 4

Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation Full back

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
90	101	60	11-wire	10	SS	☐	☒
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
6-9 gal S.S.	68	102	2500	Trimy

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

68 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

well cap

12. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
75	1 1/2	70 1/2	5 hr

Water Temp. 60° Bottom hole temp. 60°

Water Quality test or comments: Tested

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
16	0	4	Soil		
	4	11	clay chg brown		
	11	48	Silty brown		
	48	56	Stone brown		
	56	60	clay brown		
14	60	75	clay brown		
	75	84	Sand brown SWL 69	X	
	84	88	cemented gravel	X	
	88	102	Sand gravel white to yellow	X	
	102	105	clay brown		X

RECEIVED

MAY 22 2008

WATER RESOURCES
WESTERN REGION

Completed Depth 105 (Measurable)

Date: Started 2-23-08 Completed 4-9-08

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name James Water Well Drilling Firm No. 491

Principal Driller Manning S. Harts Date 5-20-08

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

49778

Well ID: 19

1. DRILLING PERMIT NO. 65-94-W-0470 000
Other IDWR No. _____

2. OWNER:

Name John Dahle
Address 1508 Seminary Hill Rd.
City Centralia State WA Zip 98531

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



Twp. 7 North ☒ or South ☐
 Rge. 4 East ☐ or West ☒
 Sec. 21 NW 1/4 NW 1/4 1/4
 Gov't Lot County Payette

Address of Well Site 4th Ave. between
Adams & Highway #30 City New Plymouth
(Give at least name of road - District to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK

☐ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☐ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
bentonite	0	250	33	slurry overbore temp casing

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 260

Was drive shoe seal tested? Y ☐ N ☒ How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8	1	260	250	steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Lines
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

48 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Boiler ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
150		264	3

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments:

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Dallas Drilling & Pump Firm No. 445

Firm Official C. J. D. M. Date 1-31-95

and _____

Supervisor or Operator Johnny L. Goff Date _____
(Sign once as Firm Official or Operator)

FORWARD WHITE COPY TO WATER RESOURCES

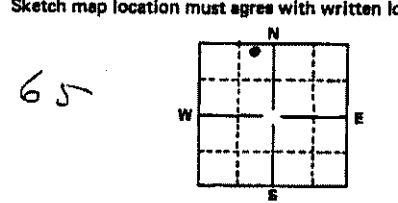
USE TYPEWRITER
BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

Well ID: 22

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.

1. WELL OWNER Name <u>D.H. KOCHER</u> Address <u>NEW PLYMOUTH</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>35</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 ☒ Bailor ☐ Other Discharge G.P.M. <u>28 GPM</u> Draw Down <u>33 FT</u> Hours Pumped <u>1 Hr</u>																																																																																																																													
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock		9. LITHOLOGIC LOG 037625																																																																																																																													
4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other		<table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>6</td><td>4</td><td>4</td><td>Top soil</td><td></td><td>X</td></tr><tr><td></td><td>4</td><td>31</td><td>SLT</td><td></td><td>X</td></tr><tr><td></td><td>32</td><td>39</td><td>CLAY</td><td></td><td>X</td></tr><tr><td></td><td>40</td><td>45</td><td>GRAVEL & SAND</td><td>X</td><td></td></tr><tr><td></td><td>46</td><td>53</td><td>CLAY & SLT</td><td></td><td>X</td></tr><tr><td></td><td>56</td><td>58</td><td>GRAVEL & SAND</td><td>X</td><td></td></tr><tr><td></td><td>59</td><td>82</td><td>SAND & SLT</td><td></td><td>X</td></tr><tr><td></td><td>83</td><td>87</td><td>CLAY</td><td></td><td>X</td></tr><tr><td></td><td>88</td><td>89</td><td>SAND & SLT</td><td></td><td>X</td></tr><tr><td></td><td>90</td><td>94</td><td>CLAY</td><td></td><td>X</td></tr><tr><td></td><td>95</td><td>103</td><td>SAND</td><td>X</td><td></td></tr><tr><td></td><td>104</td><td>108</td><td>CLAY</td><td></td><td>X</td></tr><tr><td></td><td>109</td><td>120</td><td>SAND</td><td>X</td><td></td></tr><tr><td></td><td>121</td><td>129</td><td>CLAY</td><td></td><td>X</td></tr><tr><td></td><td>129</td><td>130</td><td>SAND</td><td>X</td><td></td></tr><tr><td></td><td>131</td><td>151</td><td>CLAY</td><td></td><td>X</td></tr><tr><td></td><td>152</td><td>153</td><td>SAND</td><td>X</td><td></td></tr><tr><td></td><td>154</td><td>155</td><td>CLAY</td><td></td><td>X</td></tr><tr><td></td><td>156</td><td>160</td><td>SAND</td><td>X</td><td></td></tr></tbody></table>		Hole Diam.	Depth		Material	Water		From	To	Yes	No	6	4	4	Top soil		X		4	31	SLT		X		32	39	CLAY		X		40	45	GRAVEL & SAND	X			46	53	CLAY & SLT		X		56	58	GRAVEL & SAND	X			59	82	SAND & SLT		X		83	87	CLAY		X		88	89	SAND & SLT		X		90	94	CLAY		X		95	103	SAND	X			104	108	CLAY		X		109	120	SAND	X			121	129	CLAY		X		129	130	SAND	X			131	151	CLAY		X		152	153	SAND	X			154	155	CLAY		X		156	160	SAND	X	
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	154	155	CLAY		X																																																																																																																										
	156	160	SAND	X																																																																																																																											
5. WELL CONSTRUCTION Diameter of hole <u>6</u> inches Total depth <u>160</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness <u>.250</u> inches Diameter <u>6</u> inches From <u>1</u> feet To <u>160</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 <u>Johnson</u> Type _____ Model No. _____ Diameter <u>5</u> Slot size <u>25</u> Set from <u>150</u> feet to <u>160</u> 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 <u>25</u> feet Material used in seal ☐ Cement grout ☒ Puddling clay		10. Work started <u>7/8/73</u> finished <u>7/13/73</u>																																																																																																																													
6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>PALETTE</u> <u>N/2 Sec. 21, T. 7 N., R. 4 W.</u>		11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. <u>H.C. Nicholson Well Drilling</u> <u>54</u> Driller's or Firm's Name Number <u>921 G+H Ave. So. PALETTE</u> Address <u>James O. Nicholson</u> <u>7/13/73</u> Signed By Date																																																																																																																													

USE ADDITIONAL SHEETS IF NECESSARY

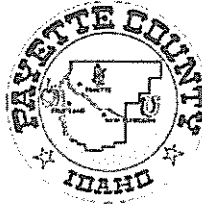
FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE

MICROFILMED

Attachment B: Payette County Permit

OFFICE OF
PLANNING AND ZONING
FOR PAYETTE COUNTY, IDAHO

PATTI S. NITZ
ADMINISTRATOR



1130 3rd Ave. N. Rm.107
PAYETTE, IDAHO 83661
(208) 642-6018

August 17, 2015

Davis Dairy
Greg, Kathy & Travin Davis
3653 SW 4th Avenue
New Plymouth ID 83655

Dear Greg, Kath & Travin:

Enclosed you will find the CAFO Siting Permit Transfer of Ownership Application that you completed in December 2014 to include Travin Davis in the ownership of Davis Dairy. This change in ownership has been approved by Payette County and the County has notified the Idaho Department of Agriculture of the change.

As stated on Page 1 of the Transfer of Ownership Application, Davis Dairy was permitted for a total of 3,682 animals by November 2014 and that number is allowed to increase to 4,786 animals by November 2019. Payette County Code allows for a 30% increase over a five year period.

If you have any questions about the above information, please contact our office.

Sincerely,

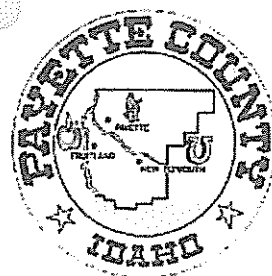
A handwritten signature in cursive script, appearing to read "Patti S. Nitz", is written over a horizontal line.

Patti S. Nitz
Administrator
Payette County Planning and Zoning

enc. (Document listed)

cc: File

CAFO SITING PERMIT TRANSFER of OWNERSHIP APPLICATION



New Permittee:

Name Davis Dairy LLC
Address 3967 SW 4 Ave
City New Plymouth, I. State ID Zip 83655
Telephone: 208 7400345

Mailing Address: (If different)

Davis Dairy LLC 3853 SW 4 Ave New Plymouth, ID 83655
Name Address City State Zip

Email Address: _____

Contact Person Other Than above:

Travin Davis 5122 Blaine Rd New Plymouth ID 83655
Name Address City State Zip

Telephone Number: 740-0640 Email Address: _____

New Permittee:

I swear/affirm that the CAFO located at 3967 SW 4 Ave
was previously owned by Greg Davis & Kathy Davis
has transferred ownership to Davis Dairy LLC (Greg, Kathy & Travin Davis)
on 12-8-114 (recorded date of transfer). I understand that the
permitted number of livestock is 3682 Animals issued
Nov. 2014. I also understand that those numbers may increase to
4786 Animals by Nov 2019 (30% increase over the
five year period).

In addition I understand the limitations of the existing CAFO Siting Permit and agree
to abide with the original agreement. I verify that I have read the foregoing
application which may include attached information. I have personal knowledge of the
contents thereof, and I sign the application under penalty of perjury. Any
inaccuracies in the information presented may be grounds to revoke my application.

Greg Davis member
New Permit Holder Signature Title

Greg Davis
Please Print Name

Previous CAFO Permit Holder:

Name Greg Davis
 Address 3653 SW 4 Ave City New Plymouth State/Zip FL 83655
 Telephone: 208 740 0345

I swear/affirm that the CAFO located at 3967 SW 4 Ave
 is in compliance with all terms of the original permit and all local, state
 and federal rules and regulation. I verify that I have read the foregoing
 application which may include attached information. I have personal knowledge
 that the CAFO is in compliance with all terms of the original permit and all
 local, state and federal rules and regulations. (Ord. 2006-11, 7-3-2006).
 Furthermore, I swear/affirm that the information of the above owner's
 statements are accurate. I sign this application under penalty of perjury.
 Any inaccuracies in the information presented may be grounds to revoke this
 application.

Greg Davis Owner
 Signature Title
Greg Davis
 Please Print Name

INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED. The Administrator reserves the
 right to hold but not officially accept this application until total review is
 accomplished and all required information is submitted.

8-19-14, PCC: allows for the transfer of a siting permit to a new permittee
 provided that:

A. The new permittee shall file a transfer statement form with the zoning
 administrator within thirty (30) days from the date of purchase, lease or
 transfer. The transfer statement form shall include the date of transfer,
 names and mailing addresses of both the transferor and transferee.

B. The previous permittee shall provide a signed statement, stating that
 the CAFO is in compliance with all terms of the original permit and all local,
 state and federal rules and regulations. (Ord. 2006-11, 7-3-2006)

THE BURDEN TO SHOW THAT THE REQUIREMENTS OF THE PAYETTE COUNTY CODE
 ARE SATISFIED IS ON THE APPLICANT. APPLICANT SHOULD ACQUIRE COPY OF
 COMPLETE CAFO SITING ORDINANCE TO OBTAIN INFORMATION ON REQUIRED
 IMPROVEMENTS, SETBACKS, ETC. COPY OF ORDINANCE IS AVAILABLE AT THE
 COUNTY CLERK'S OFFICE OR IS AVAILABLE ONLINE AT
www.payettecounty.org.

- FOR OFFICE USE ONLY -

Verification of application

Allowance for 2833 [number of animals] as of November 2009

Allowance for expansion 3682 [number of animals]

as of November 2014. (Automatically allowed 130% in 5 years)

COMMISSION HEARING DATE: N/A

RECEIVED BY: Patti S. Nitz

NOTIFICATION PROCESS

DATE

DATE

SENT

RECIEVED

State of Idaho Department of Ag

✓

APPLICATION REVIEW



PNZ Administrator

Patti S. Nitz

Date 12/17/14

Attachment C: Department of Agriculture Permit



STATE OF IDAHO

DEPARTMENT OF AGRICULTURE

C.J. "BUTCH" OTTER
Governor
CELIA R. GOULD
Director

March 23, 2015

Davis Dairy
Greg, Kathy & Travin Davis
3967 SW 4th Ave
New Plymouth, ID 83655

Dear Producers:

I received the Nutrient Management Plan for Davis Dairy from PJ Tabert, Agriculture Investigator Sr. and Certified Nutrient Management Planner. I received the Nutrient Management Plan on March 19, 2015 and approved it on March 23, 2015. This Nutrient Management Plan is for your existing dairy facility located at 3967 SW 4th Ave in New Plymouth, ID 83655.

Key Points for NMP Compliance:

1. You are required soil test all fields to which nutrients (commercial fertilizer or manure) will be applied that year and soil test records must be kept for 5 years. Soil tests need to be taken by a certified soil sampler.
2. Liquid effluent applications are to begin and end within the growing period of the active crop. Fall application of liquid effluent must be completed prior to November 15th of each year. Applying liquid effluent outside the annual application window may be allowed upon ISDA approval. **You must contact the Department of Agriculture, Dairy Bureau at (208) 332-8550 prior to any liquid effluent application outside of the application season.** The need for liquid effluent application outside of the irrigation season will be evaluated on a case by case basis. Factors considered in granting approval will be, but are not limited to, the following:
 - Date
 - Existing and forecasted weather conditions
 - Moisture content of the soil
 - Water holding capacity of the soil
 - Frost layers in the soil
 - Crop needs
3. Dairy waste management is a key component to your ability to appropriately implement your nutrient management plan. It is important to remove accumulated solids and waste water from your waste containment facilities and wastewater prior to the wet season to ensure that the waste containment facilities have the required 180 day storage capacity.

If you have any questions or concerns please contact PJ or me at (208) 332-8550.

Sincerely,

Hilary Collinsworth
Nutrient Management Program Manager

cc: Davis Dairy, NMP File
PJ Tabert, Agriculture Investigator Sr. & Certified Nutrient Management Planner
Mitch Vermeer, Dairy Inspector

Nutrient Management Plan

III	DATE: 3-19-15	U
By: <i>[Signature]</i>		

Agriculture . . .

Launching into the Future

**Nutrient Management Plan Prepared For:**

Greg & Kathy & Travin Davis
 (208) 740-0345
 Davis Dairy

Certified Planner:

PJ Tabert
 Agriculture Investigator Sr., ISDA
 (208) 332-8527

Producer Signature: *[Signature]*Certificated Planner Signature: *[Signature]*Date Completed: *3-19-15*

The information provided by those using the "Idaho OnePlan" shall be deemed to be trade secrets, production records, or other proprietary information and shall be kept confidential and shall be exempt from enclosure pursuant to section 9-340D, Idaho Code. (Title 22 Chapter 27.17D6)

Facility Information Sheet

Dairy Information

Facility Name Facility Address	Davis Dairy 3967 SW 4 th Ave New Plymouth, ID		
Operator Information Mailing Address	Greg, Kathy & Travin Davis	Home Phone Barn Phone Cell Phone	208-740-0345
County	Payette		
GPS	N 43.937344°	W -116.835831°	

Resource Concerns

Resource Concern:	Surface Water
Soil Conservation District:	Payette
Watershed Basin:	Payette
Hydrologic Unit Code:	17050122
Stream Segment:	Payette-Snake River

Animal Class

Description	Animal	Number	Average Animal Weight	Housing	Bedding Type
Milking cows	Lactating Cow	400	1,400	Freestall	Sand
Dry cows	Dry Cow	300	1,400	Open Lot	Long Straw
Springer Heifers	Dairy Heifer	800	900	Open Lot	Long Straw
600 weight Heifers	Dairy Heifer	1,200	600	Open Lot	Long Straw
Milking cows2	Lactating Cow	2,600	1,400	Open Lot	Long Straw

Total Animal Units on Facility	6060
Total Acres Available for Nutrients Owned by the Facility	708.5
Total Acres Available for 3 rd Party Export	2082

Storage Summary

Required Storage	882,494
Available Storage	1,669,985

Waste Storage Summary

Container Name	Volume (ft ³)	Storage Period (Days)	Length	Width	Depth	Slope	Diameter	Existing	Proposed
Catch Basin 1	11,528.0	180	230.0	25.0	4.0	3.0	0.0	0.0	0.0
Catch Basin 2	67,950.0	180	230.0	120.0	3.0	5.0	0.0	0.0	0.0
North Lagoon	323,833.0	180	450.0	95.0	10.0	2.0	0.0	0.0	0.0
Separator 1	11,167.0	180	120.0	30.0	5.0	2.0	0.0	0.0	0.0
Separator 2	11,333.0	180	120.0	30.0	10.0	2.0	0.0	0.0	0.0
Separator 3	11,167.0	180	120.0	30.0	5.0	2.0	0.0	0.0	0.0
Separator 4	11,167.0	180	120.0	30.0	5.0	2.0	0.0	0.0	0.0
Settling Pond	4,536.0	180	90.0	20.0	18.0	1.0	0.0	0.0	0.0
South Lagoon	1,217,304.0	180	350.0	250.0	18.0	2.0	0.0	0.0	0.0

Nutrient Distribution Table

Nutrient Distribution on Facility				
	Pounds N	Pounds P ₂ O ₅	Pounds K ₂ O	% of Total
Total Nutrients Produced	375917	311166	674779	
Separated Solid(s)	28974	24553	48029	7
Solid Stack(s)	337889	274337	602736	89
Waste Storage Pond(s)	9054	12276	24014	3
Nutrients Exported	300734	248933	539823	80
Nutrients Onsite	75183	62233	134956	20

Planner Information

Planner Name:	PJ Tabert
Planner Address:	2207 Old Penitentiary Rd. Boise, ID 83712
Planner Phone Number: Office: Cell: Fax:	(208) 332-8527 (208) 334-4062
Planner Certification #:	1050



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

July 8, 2015

GREG OR KATHERINE DAVIS
3653 SW 4TH AVE
NEW PLYMOUTH ID 83655

Re: Additional information requested for Stockwater/Commercial Permit

Dear Mr. & Mrs. Davis:

The application for permit submitted by you is being processed by the Idaho Department of Water Resources (IDWR). Additional information is needed for complete evaluation of the proposal.

When reviewing an application for permit, *Idaho Code* § 42-203A(5) requires IDWR to consider the following information:

(a) That it will reduce the quantity of water under existing water rights, or (b) that the water supply itself is insufficient for the purpose for which it is sought to be appropriated, or (c) where it appears to the satisfaction of the director that such application is not made in good faith, is made for delay or speculative purposes, or (d) that the applicant has not sufficient financial resources with which to complete the work involved therein, or (e) that it will conflict with the local public interest, where the local public interest is defined as the affairs of the people in the area directly affected by the proposed use, or (f) that it is contrary to conservation of water resources within the state of Idaho.

Most of the above information is satisfied by the permit application. However, the following items are needed regarding the availability of water and local public interest concerns relating to large dairy or feedlot operations:

1. Information evaluating the effect your proposed stockwater and commercial diversion will have on the local aquifer and on neighboring wells.
2. Public interest criteria related to the water resource must be addressed. Other government agencies may require permit approvals relating to public water pursuant to your project. Describe your correspondence and discussions to date with the Idaho Department of Environmental Quality and the Idaho Department of Agriculture concerning their water related permit requirements.

Date

Page 2

Please submit the requested information for your application to be processed. Your written response including the requested information, or a request for more time to seek the information, must be received within sixty (60) days. You may seek additional time to submit the information by making a written request to interrupt processing for up to six (6) months. The application will be voided without a timely reply. Refunds are not issued for voided applications.

IDWR forms and other information are available on the Internet at www.idwr.idaho.gov. Please contact me at 208-334-2190 if you have any questions. Thank you for your attention to this matter.

Sincerely,



Patrick Kelly
Water Resource Agent

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Form 238-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D 0052669
DRILLING PERMIT NO. 903715-850714
Water Right or Injection Well No. 65-22706

2. OWNER:

Name Greg Davis
Address 3653 SW 4 Ave
City New Plymouth State ND Zip 58655

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 7 North ☒ or South ☐
Rge. 4 East ☐ or West ☒
Sec. 20 NE 1/4 NE 1/4 NE 1/4
Gov't Lot _____ County Payette
Lat: 43° 56' 25.4 Long: 116° 50' 30
Address of Well Site 3967 SW 4th
City New Plymouth
(Give at least name of road + distance to road or landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other Commercial/Stock

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>bestonight die</u>	<u>0</u>	<u>60</u>	<u>4000</u>	<u>dry pour / Hydrated</u>
<u>bestonight grout</u>	<u>60</u>	<u>60</u>	<u>750</u>	<u>dry pour</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 90Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>12</u>	<u>+2</u>	<u>-88</u>	<u>250</u>	<u>Steel</u>	☒	☐	☒	☐
<u>10</u>	<u>-67 1/2</u>	<u>-90</u>	<u>250</u>	<u>Steel</u>	☐	☒	☒	☐
<u>10</u>	<u>-101</u>	<u>-105</u>	<u>250</u>	<u>Steel</u>	☐	☒	☒	☐

Length of Headpipe 22 1/2 Length of Tailpipe 4Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation Full back

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>90</u>	<u>101</u>	<u>60</u>	<u>4-wire</u>	<u>10</u>	<u>SS</u>	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
<u>6-9 Gal S.S.</u>	<u>68</u>	<u>102</u>	<u>2500</u>	<u>Trimm</u>

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

68 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

well cap

12. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>75</u>	<u>1 1/2</u>	<u>70 1/2</u>	<u>5 hr</u>

Water Temp. 60° Bottom hole temp. 60°Water Quality test or comments: TestedDepth first Water Encounter 75

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>16</u>	<u>0</u>	<u>4</u>	<u>Soil</u>		
<u>4</u>	<u>4</u>	<u>11</u>	<u>Claychy brown</u>		
<u>11</u>	<u>11</u>	<u>48</u>	<u>Silty brown</u>		
<u>48</u>	<u>48</u>	<u>56</u>	<u>Stone brown</u>		
<u>56</u>	<u>56</u>	<u>60</u>	<u>Clay brown</u>		
<u>14</u>	<u>60</u>	<u>75</u>	<u>Clay brown</u>		
<u>75</u>	<u>75</u>	<u>84</u>	<u>Sand brown</u>	<u>SWL 68</u>	<u>X</u>
<u>84</u>	<u>84</u>	<u>88</u>	<u>cemented gravel</u>		<u>X</u>
<u>88</u>	<u>88</u>	<u>102</u>	<u>Sand + gravel white to yellow</u>		<u>X</u>
<u>102</u>	<u>102</u>	<u>105</u>	<u>Clay brown</u>		<u>X</u>

RECEIVED

MAY 22 2008

WATER RESOURCES
WESTERN REGIONCompleted Depth 105 (Measurable)Date: Started 2-23-08 Completed 4-9-08

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Jaines Water Well Drilling Firm No. 491Principal Driller Manning S. Hain Date 5-20-08

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES



SPF WATER
ENGINEERING

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MAY 14 2015

WATER RESOURCES
WESTERN REGION

May 12, 2015

Angela Grimm
Idaho Department of Water Resources
Western Region Office
2735 Airport Way
Boise, ID 83705-5082

Re: Application for Permit

Dear Angie,

On behalf of Greg and Kathy Davis, we are pleased to submit the enclosed *Application for Permit*. The application seeks authorization to increase water use in response to expansion of their dairy facility.

We understand the filing fee for this application is \$290.00. You will find a check for that amount enclosed. Please contact me with any questions.

Best Regards,

Roxanne Brown
Sr. Water Rights Specialist

CC: Greg and Kathy Davis

Enclosures

SPF Job No. 1163.0010

63-34083