

Memorandum-Meeting Notes

To: Permit File #57-11626- Wilke

From: J. Westra JFW

Date: 9/13/06

**Attending: Roxanne Brown, SPF Engineering (Roxanne)
Chris Meyer, Atty**

RE: Adding another point of diversion—new well to permit #57-11626

On 9/12/06, Roxanne B. had made a trip to the Wilke property to document the well locations and use. She presented the following findings-see attached map:

<u>Well No</u>	<u>Location</u> (GPS)	<u>Status</u>	<u>Use</u>
057-92-W-10 This well serves the old farmstead residence (1) off Johnson Rd It is not part of the Stock system, nor planned to be. Drilled by Riverside in 1992	SWNW	Poor yield, needs to be deepened	Domestic
D001857/D0039068 This well serves the Wilke Residence (1) It is not part of the Stock system, nor planned to be Deepened by Holder in 2005	NESW	5-10 gpm yield--Marginal	Domestic
D0020371 This is the original stock system well currently used for stockwater Drilled by Ed Holder in 2002	NWSW	Stockwater System to Cistern	Stockwater
D0042237 This well is part of the stock system, and is in the process of being put on line to the cistern. Drilled by Ed Holder in 2005	NWSW	No Pump	Stockwater

Roxanne discussed, that when Mr. Wilke had purchased the place and filed the permit application, he had anticipated the existing wells would provide the yield that was needed. The yield is very minimal at best. With the present numbers of livestock, (2500 hd) a 100 gpm is needed with the cistern system to meet demand. At least another well is need to compliment the 2 existing wells. SPF estimates that as high as 8 wells may be needed to meet the operation at full capacity.

After a exchange ideas/discussion by the parties, the following was agreed:

-The permit would be amended to reflect the correct number and location of wells utilized for the stockwater. Domestic use would be omitted from the permit to eliminate future/further confusion. There would be additional points of diversion and locations added for future well construction, possibly 3+. Late SRBA claim could be filed for the exempt domestic wells.

-The amendment and drilling permit applications would be signed by Farm Credit, submitted together.

-The amended permit would not be advertised pursuant to IC 42-211. It would be processed as resources are available post SRBA.

-A drilling permit would be issued based on the current 2 existing points of diversion, and adding a third. as 3 are currently permitted. (location to be determined).



Stockwater wells/Permit 57-11626
Tom Wilke

0.1
Miles



Water Engineering, LLC
water resource consultants
600 E. River Park Lane Ste. 105 Boise Idaho 83706
tel: 208.363.4140 fax: 208.363.4158

Use - no pump.

Stock System

837334

Office Use Only
Well ID No. 407800
Inspected by ADW
Twp 27 Rge 5W Sec 9
1/4 NW 1/4 SW 1/4
Lat: : : Long: : :

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0042237
DRILLING PERMIT NO 57-11626
Water Right or Injection Well No _____

2. OWNER:
Name Tom Wilke
Address 6420 Johnstone Rd
City Hamdale State Id Zip 83428

3. LOCATION OF WELL by legal description:
You must provide address or Lot Blk, Sub or Directions to well
Twp 2 North ☒ or South ☐ Per gps
Rge 5 East ☐ NW or West ☒ in field
Sec 9 SW 1/4 NE 1/4
Gov't Lot _____ County Butte 9-6-06
Lat: : : Long: : :
Address of Well Site 6420 Johnstone Rd
City Hamdale
(Give at least name of road - Distance to Road or Landmark)
Lt _____ Blk _____ Sub Name _____

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other 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>Bentonite</u>	<u>0</u>	<u>39</u>	<u>16 sacks</u>	<u>over bore</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 39
Was drive shoe seal tested? ☒ Y ☐ N How? Asr Test

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>8"</u>	<u>1</u>	<u>39</u>	<u>20</u>	<u>Steel</u>	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☐ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

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

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

5 ft. below ground Artesian pressure _____ lb
Depth flow encountered _____ ft Describe access port or control devices:
Water over a steel plate

12. WELL TESTS:

Yield gal/min	Drawdown	Pumping Level	Time
<u>235</u>	<u>⊕</u>	<u>600</u>	<u>1 Hr</u>

Water Temp 65 Bottom hole temp 65

Water Quality test or comments: 6-2

13. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia	From	To	Remarks: Lithology Water Quality & Temperature	Y	N
<u>12</u>	<u>0</u>	<u>5</u>	<u>over burden</u>		☒
<u>12</u>	<u>5</u>	<u>39</u>	<u>clay tan</u>		☒
<u>8</u>	<u>39</u>	<u>60</u>	<u>tan clay</u>		☒
<u>1</u>	<u>60</u>	<u>200</u>	<u>Blue clay + shale</u>		☒
<u>1</u>	<u>200</u>	<u>250</u>	<u>Shale Fractured</u>	☒	
<u>1</u>	<u>250</u>	<u>300</u>	<u>Blue clay + shale</u>		☒
<u>6</u>	<u>300</u>	<u>350</u>	<u>Shale Fractured</u>	☒	
<u>4</u>	<u>350</u>	<u>560</u>	<u>Blue clay + shale</u>	☒	
<u>5</u>	<u>560</u>	<u>600</u>	<u>Shale Hard</u>		☒

RECEIVED

JUN 15 2006

WATER RESOURCES
WESTERN REGION

Completed Depth 600 (Measurable)
Date: Started 11/9/05 Completed 11/12/05

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 Ed C Hold + Pro 1113 Firm No. 578

Principal Driller Ed I. Hold Date 11/12/05
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

RECEIVED

NOV 09 2005

WATER RESOURCES
WESTERN REGIONDrilling Permit No. D00 422 37Drilling Permit I.D. Tag No. 892164-837334Water Right Permit No. 57-11626

Injection Permit No. _____

State of Idaho
Department of Water ResourcesAPPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)

1. Owner (please print): Tom Wilke

2. Mailing Address: 6420 John Stone Rd
City: Homedale State: ID Zip Code: 83628 Telephone (area) 337-5500

3. Proposed Well Location: Twp. 2N, Rge. 5W, Sec. 9, SW 1/4 NW 1/4 SW 1/4;
Gov't Lot No. _____ County Owyhee Lat. _____: _____: _____ per Field gps 9-6-06
Street Address of Well Site 6420 John Stone Rd City Homedale
Lot, block and subdivision _____
Give at least name of road + Distance to Road or Landmark

4. Proposed Use of Well:

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

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

NON-DOMESTIC: ☐ Irrigation ☐ Municipal ☐ Industrial
☒ Livestock ☐ Test ☐ Other _____
Type _____ Number Hd. _____ (Describe)

☐ INJECTION☐ MONITORING: A well bore schematic and map is required for each blanket permit. No. of proposed wells: _____

5. Well Construction Information:

A. ☒ New well ☐ Modify ☐ Replace

B. Proposed Casing Diameter 8" Proposed Maximum Depth 200

C. Anticipated bottom hole temperature:
☒ 85 F or less (Cold Water Well) ☐ 85 F to 212 F (Low Temp. Geo. Well) ☐ 212 F. or more (Geothermal Well)

6. Construction Start Date: Nov/9/057. Anticipated Well Driller: Ed HolderDriller's Lic. No. 528

NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's Signature: Ed HolderDate Nov/9/05Address (if different than owner): Po Box 1452City: Caldwell State: ID Zip Code: 83606 Telephone 794-1509Title: Representative
(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is Approved Date 11/9/05

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

GENERAL CONDITIONS:

1. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one(1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare, which may be required before construction of the well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum of 50 feet and 100 feet respectively from a septic tank.
3. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals, which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85 or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "DigLine" Number for your area is 1-800-342-1585.
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Department for reconsideration pursuant to Section 67-5243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.

SPECIFIC CONDITIONS:

J. W. Smith Mary
Signature of Authorized Department Representative Title

Receipt No. W033587 Received by sk Fee 200⁰⁰ Date 11-9-05

Tag. 00042237

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension expires: _____

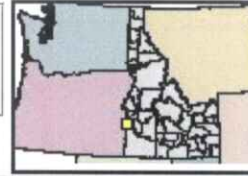
D0042237

The lat/long you provided was 43° 31.340' N; 116° 56.776' W

Here are the results:

NW quarter of the SW quarter of Section 9, Township 02N, Range 05W

IDTM NAD83 coordinates: Easting=2261893; Northing=1373263



Choose the map-display background:



Wells



Water Rights



Water Right Permits



Adjudication Claims



Adjudication Recommendations

* Positions of wells/headgates may be based upon the center of a quarter-quarter section; those obtained by GPS or survey are accurate.

Wike - 2005 well

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 0020371
 DRILLING PERMIT NO. _____
 Water Right or Injection Well No. _____

78588

12. WELL TESTS:

☐ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
40	0	150	5:15

Water Temp. 62 Bottom hole temp. 6

Water Quality test or comments: good

2. OWNER:

Name Tom Wilke
 Address Rt 1 Box 1155
 City Homedale State IO Zip 83628

3. LOCATION OF WELL by legal description:

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

Twp. 2 North ☒ or South ☐ per GPS
 Rge. 5 East ☐ or West ☒ in field
 Sec. 9 NW 1/4 SW 1/4
 Gov't Lot _____ County Owyhee 9-2006
 Lat: _____ Long: _____
 Address of Well Site 1155 Johnstone Rd.

City Homedale

City Homedale

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
Bentonite	0	20	74 Sacks	Overbore

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

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8"	+1	37	28	Steel	☒	☐	☐	☐
4 1/2"	20	150	4	PVC	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☐ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
20	150	60	100	4 1/2"	PVC	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

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

Well cap

Office Use Only

Well ID No. _____
 Inspected by EDWL
 Twp 2N Rge 5W Sec 9
1/4 NW 1/4 SW 1/4
 Lat: _____ Long: _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y
12	0	5	over burden	
12	5	20	tan clay	
12	20	60	Blue clay	
12	60	90	Blue clay shale	
12	90	150	Blue clay	
12	150	250	Blue clay shale	

RECEIVED

NOV 21 2002

WATER RESOURCES
WESTERN REGION

Completed Depth 250 (Measurable)
 Date: Started 9/13/2002 Completed 9/18/2002

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 Ed L Holder Drilling Firm No. 572
 Principal Driller Ed L Holder Date 9/18/2002
 and
 Driller or Operator II _____ Date _____
 Operator I _____ Date _____
 Principal Driller and Rig Operator Required.

Printed 06/14/2004
Drilling Permit No. 785881
Well Tag No. D0020371
Well ID # 358936
Water Right No. 57-11826
Receipt # C084590
Approved Date 09/13/2002

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
DRILLING PERMIT**

Relationship: Owner/Operator
Name: TOM WILKE
Address: 6420 JOHNSTONE RD
HOMEDALE ID 83628

Phone: (208)337-5500

Proposed Well Location: Township 02N, Range 05W, Section 9, NW, SW
COUNTY OWYHEE

Street Address of Well Site: 1155 Johnstone Rd
HOMEDALE ID

Proposed Use of Well: Domestic
Stockwater

Well Construction Information:

- A. New Well
- B. Proposed Surface Diameter: 8 Inches. Proposed Depth 800 Feet.
- C. Anticipated Bottom Hole Temperature: 85F and less

Construction Start Date: Sep 13 2002

Anticipated Well Drilling Company: ED L HOLDER DRILLING (No. 578)

Applicant's Signature: _____ Date _____

Title: _____

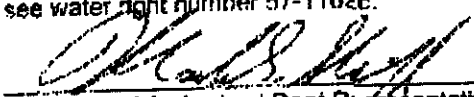
Well ID # 358936

Well Tag No. D0020371

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This permit is Approved on Friday, September 13, 2002.

1. This drilling permit is valid for two (2) months from the approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required prior to construction of this well. The local Health Department should be contacted for septic tank/drainfield locations. Domestic wells must not be drilled closer than 100 ft. from any drainfield and 50 ft. from any septic tank. Public Water Supply wells must not be drilled closer than 100 ft. from any drainfield or septic tank.
3. The well shall be constructed by a driller currently licensed in the state of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85 Degrees F (29.44 oC) or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "Dig Line" Number for your area is &DIG-LINE-NUMBER
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Department for reconsideration pursuant to Section 87-5243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.
11. The use of water from this well is for Domestic purposes only which includes irrigation of up to 1/2 acre of land with all combined uses not to exceed 13,000 gallons per day (42-111[A]), or for Domestic uses other than for homes, organization camps, public campgrounds or livestock where the diversion rate and volume does not exceed .04 cfs and 2500 gpd (42-111[R]).
12. This well has been upgraded to include stockwater use. For water right limitations see water right number 57-11626.


Signature of Authorized Dept Representative


Title

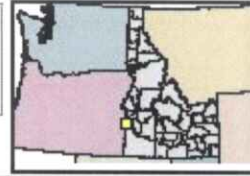
D0020371

The lat/long you provided was 43° 31.342' N; 116° 56.791' W

Here are the results:

NW quarter of the SW quarter of Section 9, Township 02N, Range 05W

IDTM NAD83 coordinates: Easting=2261873; Northing=1373268



Choose the map-display background: ☒ Photo ☐ Topo



Add Layer



Wells



Water Rights



Water Right Permits



Adjudication Claims



Adjudication Recommendations

* Positions of wells/headgates may be based upon the center of a quarter-quarter section; those obtained by GPS or survey are accurate.

Wilke

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

59

Form 235-1
1/31/03

RECEIVED

APR 21 2005

WATER RESOURCES
WESTERN REGIONDrilling Permit No. 888108-832798
Drilling Permit I.D. Tag No. 00039068
Water Right Permit No. 57-11626
Injection Permit No. _____State of Idaho
Department of Water ResourcesAPPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)

1. Owner (please print): Tom Wike

2. Mailing Address: Rt 1 Box 1155
City: Homedale State: ID Zip Code: 83628 Telephone () 337-5500

3. Proposed Well Location: Twp 2 N, Rge. 5 W, Sec. 9, NE 1/4 SW 1/4 _____ 1/4;
Gov't Lot No. _____ County Owyhee Lat. _____: _____: _____ Long. _____: _____: _____
Street Address of Well Site Rt 1 Box 1155 End of Johnson Rd City Homedale
Lot, block and subdivision _____
Give at least name of road + Distance to Road or Landmark 16420 Johnson Rd

4. Proposed Use of Well:

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

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

NON-DOMESTIC: ☐ Irrigation ☐ Municipal ☐ Industrial
☒ Livestock ☐ Test ☐ Other _____
Type _____ Number Hd. _____ (Describe)

☐ INJECTION☐ MONITORING: A well bore schematic and map is required for each blanket permit. No. of proposed wells: _____

5. Well Construction Information:

A. ☐ New well☒ Modify deepen to 80018547☐ ReplaceB. Proposed Casing Diameter 6" Proposed Maximum Depth 600

C. Anticipated bottom hole temperature:

☒ 85 F or less
(Cold Water Well)☐ 85 F to 212 F
(Low Temp. Geo. Well)☐ 212 F. or more
(Geothermal Well)6. Construction Start Date: 4/12/057. Anticipated Well Driller: Ed HolderDriller's Lic. No. 578

NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's Signature: Ed HolderDate 4/21/05Address (if different than owner): Po Box 1452City: Caldwell State: ID Zip Code: 83606 Telephone _____Title: Representative

(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is **APPROVED**

Date 4-21-05

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

GENERAL CONDITIONS:

1. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one(1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare, which may be required before construction of the well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum of 50 feet and 100 feet respectively from a septic tank.
3. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals, which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85 or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "DigLine" Number for your area is 1-800-342-1585.
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Department for reconsideration pursuant to Section 67-5243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.

SPECIFIC CONDITIONS:

John F. Wenter
Signature of Authorized Department Representative

MANAGER
WESTERN REGIONAL OFFICE
Title

Receipt No. W032827 Received by DB Fee \$200 - Date 4-21-05

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension expires: _____

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

769404

Office Use Only			
Inspected by _____			
Twp _____	Rge _____	Sec _____	
1/4 _____		1/4 _____	
Lat: _____	Long: _____		
☒ Air		☐ Flowing Artesian	

1. WELL TAG NO. D 0018547
 DRILLING PERMIT NO. _____
 Other IDWR No. _____

2. OWNER: Tom Wilke
 Name _____
 Address Rt 1 Box 1155
 City Homedale State ID Zip 83428

3. LOCATION OF WELL by legal description:
 Sketch map location must agree with written location.

	Twp. <u>2</u>	North ☒ or South ☐
	Rge. <u>5</u>	East ☐ or West ☒
	Sec. <u>9</u>	NE 1/4 SW 1/4
	Gov't Lot _____	County <u>Owyhee</u>
Lat: _____		Long: _____

Address of Well Site Rt 1 Box 1155
 City Homedale
 (Give or local 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/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
<u>Bentonite</u>	<u>0</u>	<u>10'</u>	<u>10</u>		<u>overbone</u>

Was drive shoe used? ☒ ☐ N Shoe Depth(s) 34'
 Was drive shoe seal tested? ☐ Yes ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6"</u>	<u>1'</u>	<u>34'</u>	<u>250</u>		☒	☐	☒	☐

Length of Headpipe 0 Length of Tailpipe 0

9. PERFORATIONS/SCREENS

Perforations _____ Method _____
 Screens _____ Screen Type NO SCREEN

From	To	Sleeve Size	Number	Diameter	Material	Casing	Liner
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

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

11. WELL TESTS:

☐ Pump ☐ Bailor

Yield gal./min.	Drawdown	Pumping Level	Time
<u>40</u>	<u>100'</u>	<u>215'</u>	<u>2 hr</u>

Water Temp. 56 Bottom hole temp. 5-
 Water Quality test or comments: good

Depth first Water Encounter 2

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y
	<u>0</u>	<u>8'</u>	<u>TOP SOIL</u>	
	<u>8'</u>	<u>28'</u>	<u>COURSE GRAVEL</u>	
	<u>28'</u>	<u>50'</u>	<u>BROWN CLAY</u>	
	<u>50'</u>	<u>170'</u>	<u>BLUE CLAY</u>	
	<u>170'</u>	<u>171'</u>	<u>FINE SAND</u>	
	<u>171'</u>	<u>214'</u>	<u>BLUE CLAY</u>	
	<u>214'</u>	<u>215'</u>	<u>FINE SAND</u>	

RECEIVED

JUN 25 2001

WATER RESOURCES

RECEIVED

JUN 25 2001

WATER RESOURCES

Completed Depth 215' (Measurab
 Date: Started 6-11-01 Completed 6-14-01

13. DRILLER'S CERTIFICATION

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

Company Name Clearwater Drilling Firm No. 382

Firm Official Bruce Ransom Date 6-21-01

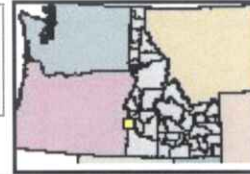
and
 Driller or Operator _____ Date _____

D0039068

The lat/long you provided was 43° 31.306' N; 116° 56.591' W

Here are the results:**NE** quarter of the **SW** quarter of Section 9, Township 02N, Range 05W

IDTM NAD83 coordinates: Easting=2262140; Northing=1373191

Choose the map-display background: 

Wells



Water Rights



Water Right Permits



Adjudication Claims



Adjudication Recommendations

* Positions of wells/headgates may be based upon the center of a quarter-quarter section; those obtained by GPS or survey are accurate.

Wilke - deepening (domestic)

House well. Can be used for other
than just the house if necessary.