

Application for a Permit to Use Ground Water



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

RECEIVED BY OWRD

Applicant Information

DEC 16 2013

NAME WILLIAM AND LORI PEILA			PHONE (HM)
PHONE (WK)	CELL 541-589-0130	FAX SALEM, OR	
ADDRESS PO BOX 723			
CITY HINES	STATE OR	ZIP 97738	E-MAIL* PEILAB@HIGHDESERTAIR.COM

Organization Information

NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME DENNIS R. GLENDER DBA GLENDER'S HYDRO TECH SERVICES		PHONE 541-219-0806	FAX
ADDRESS 8664 SW SAND RIDGE RD			CELL 541-219-0806
CITY CROOKED RIVER RANCH	STATE OR	ZIP 97760	E-MAIL* DJGLENDER@MSN.COM

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

 I (we) affirm that the information contained in this application is true and accurate.

William Peila
Applicant Signature
Lori Peila
Applicant Signature

William Peila - Owner
Print Name and title if applicable

Lori Peila - Owner
Print Name and title if applicable

12/9/2013
Date
12-9-2013
Date

For Department Use		
App. No. <u>G-17744</u>	Permit No. _____	Date _____

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

Yes

- There are no encumbrances.
- This land is encumbered by easements, rights of way, roads or other encumbrances.

No

- I have a recorded easement or written authorization permitting access.
- I do not currently have written authorization or easement permitting access.
- Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
- Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
5	Silver Creek	1 Mile ±	5' ±
6	Silver Creek	1 Mile ±	5' ±

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (*attach additional sheets if necessary*).

Wells 5 & 6 will be new wells. Well 5 is the main well in the project. Well 6 will only be constructed if Well 5 does not produce adequate water to irrigate the lands described in the application – maximum rate requested is 2.67 cfs/480 acft in any combination of Wells 5 & 6 annually. Wells 5 & 6 will be surface sealed into the nearest basalt layer providing an adequate surface seal. See attached well logs as examples of nearby wells for references.

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation & supplemental irrigation	April 1 – October 31 annually	480

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 4.8 Acres Supplemental: 155.2 Acres

List the Permit or Certificate number of the underlying primary water right(s): 14041 Indicate the maximum total number of acre-feet you expect to use in an irrigation season 480.0

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____
If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

Pump (give horsepower and type): 40 HP Turbines

Other means (describe): _____

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B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)
Low Pressure Center pivot irrigation equipment.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

Waters from this application will only be used to as a primary source for 4.8 acres. The supplemental acres will only be irrigated from this source when surface waters are unavailable.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: _____ Acreage inundated by reservoir: _____

Use(s): _____

Volume of Reservoir (acre-feet): _____ Dam height (feet, if excavated, write "zero"): _____

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: After issuance of Permit

Date construction will be completed: October 1, 2018

Date beneficial water use will begin: Water year following Permit Issuance

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SECTION 9: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

RE-RECORDING COVER SHEET ORS 205.244
Any errors in this cover sheet DO NOT affect the transactions(s) contained in the instrument itself.



AFTER RECORDING RETURN TO: ORS 205.234(1)(c)
Name William S. and Lon K. Peila
Address: P.O. Box 723
City/State/Zip Hines, OR 97738

I, Derrin Robinson, County Clerk for Harney County, Oregon certify that the instrument identified herein was recorded in the Clerk records.
Derrin E. Robinson, Harney County Clerk

RE-RECORDED TO CORRECT Legal Description
AT THE REQUEST OF AmeriTitle / Harney County Assessor
PREVIOUSLY RECORDED AS MICROFILM # 2013-0208
OR BOOK # _____ PAGE # _____

The undersigned hereby certifies the above information to be true and correct.

Christa Wright
SIGNATURE

Christa Wright, Escrow Officer
PRINTED NAME & TITLE

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SEND TAX STATEMENTS TO: ORS 205.234(1)(e)
No change

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DOCUMENT TITLE: Warranty Deed ORS 205.234(1)(a)

NAME(S) AND ADDRESS(ES) of DIRECT party(s): ORS 205.234(1)(b)
(i.e. DEEDS: Seller/Grantor - MORTGAGES: Beneficiary/Lender - LIENS: Creditor/Plaintiff)

- 1. Huxlurt Ranches, Inc., P.O. Box 257, Burns, OR 97710
- 2. _____
- 3. _____
- 4. _____

NAME(S) AND ADDRESS(ES) of INDIRECT party(s): ORS 205.234(1)(b)
(i.e. DEEDS: Buyer/Grantee - MORTGAGES: Grantor - LIENS: Debtor/Defendant)

- 1. William S. Peila, P.O. Box 723 Hines, OR 97738
- 2. Lon K. Peila, P.O. Box 723, Hines, OR 97738
- 3. _____
- 4. _____

LIEN DOCUMENTS: Amount of lien \$ 0 ORS 205.234(1)(f)

ALL DOCUMENTS REQUIRING A REFERENCE NUMBER: ORS 205.160(6)(7)(j)

Original recording information: Book _____ Page _____ Instrument # 2013-0208

After Recording Return to:

William S & Lori K Peila
PO Box 723
Hines, OR 97738

Until a change is requested
tax statements should be sent to:

William S & Lori K Peila
PO Box 723
Hines, OR 97738

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WARRANTY DEED

HURLBURT RANCHES, INC., an Oregon Corporation, PO Box 257, Burns, OR Grantor, hereby conveys to **WILLIAM S PEILA AND LORI K PEILA, HUSBAND AND WIFE**, PO Box, 723, Hines, OR, Grantee, the real property which is more particularly described in Exhibit A attached hereto and by this reference incorporated herein;

together with all and singular the tenements, hereditaments and appurtenances and all other rights thereunto belonging or in anywise now or hereafter appertaining, and the rents, issues and profits thereof and all fixtures now or hereafter attached to or used in connection with the property;

and covenants that grantor is the owner of the above described property free of all encumbrances except and subject to those reservations and easements of record.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

The consideration paid for this transfer, is \$1,400,000.00

DATED: 28 December, 2012.

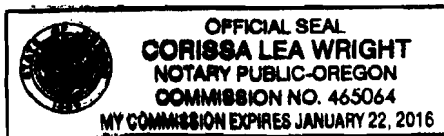
HURLBURT RANCHES, INC.

Steven R Hurlburt
By: Steven R Hurlburt, President

Susan Hurlburt
By: Susan Hurlburt, Secretary

STATE OF OREGON, County of Harney) ss.

This instrument was acknowledged before me on Dec. 28, 2012, by Steven R Hurlburt and Susan Hurlburt in their authorized capacity as president and secretary of Hurlburt Ranches, Inc., an Oregon Corporation.



Corissa Lea Wright
Notary Public for Oregon
My Commission Expires: Jan. 22, 2016

EXHIBIT "A"

Land in Harney County, Oregon, as follows:

In Township 25 South, Range 28 East, W. M.

Section 36: That portion of the S1/2NE1/4 and the SE1/4 lying Northeasterly of the county road, as said road was located April 27, 1967

In Township 25 South, Range 29 East, W. M. Tax lots 600, 900, 2300,2400,2500,2700,3000 & 3100

- Section 18: S1/2SE1/4
- Section 19: E1/2NE1/4
- Section 20: SW1/4NW1/4; W1/2SW1/4
- Section 28: SW1/4NW1/4; SW1/4
- Section 29: NW1/4; N1/2SW1/4; SE1/4; SW1/4NE1/4
- Section 31: All that portion of Lots 3 & 4 and the E1/2SW1/4 lying Northeasterly of the county road, as said road was located April 27, 1967
- Section 32: N1/2NE1/4; SW1/4NE1/4; NW1/4SE1/4; SE1/4NW1/4; SW1/4; SW1/4SE1/4

In Township 26 South, Range 29 East, W.M. tax lots 1500 thru 1800

- Section 5: Lot 3 and 4; S1/2NW1/4; NW1/4SW1/4
- Section 6: Lots 1 & 2; S1/2NE1/4; SE1/4 and that portion of Lots 3 & 4 and the SE1/4NW1/4 lying Northeasterly of the county road, as said road was located April 27, 1967 - Save & except road right of way conveyed to Harney County, Oregon, by deed recorded August 6, 1958 in Book 65, Page 267, Deeds.
- Section 7: E1/2NW1/4; NE1/4SW1/4;E1/2 - Save & except the following two parcels:
 - Parcel #1: Road right of way conveyed to Harney County, Oregon, by deed recorded August 6, 1958, in Book 65, Page 267;
 - Parcel #2 Beginning a a point which is North [Mag. Var. 20°10'], 500 feet from the Southeast corner of the NE1/4SE1/4of said Section 7;
 - Thence: North 687.0 feet,
 - Thence: West 469.38 feet,
 - Thence: South 23°56' East, 751.57 feet;
 - Thence: East 164.4 feet to the point of beginning.
- Section 17: W1/2SW1/4
- Section 18: E1/2

In Township 27 South, Range 29 East, W.M. Tax lots 700 &1200

- Section 3: W1/2SW1/4
- Section 4: SE1/4 - Save & except county road right of way
- Section 7: Lots 1 Thru 4; E1/2W1/2
- Section: 18: Lots 1 & 2; E1/2NW1/4; W1/2NE1/4

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SALEM, OR

Land Use Information Form



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Applicant(s): William and Lori Peila

Mailing Address: PO Box 723

City: Hines

State: OR

Zip Code: 97738

Daytime Phone: 541-589-0130

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>26S</u>	<u>29 E</u>	<u>18</u>	<u>SE</u>	<u>1600</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation, Supp. Irrigation</u>
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

See additional page 2 for additional locations.

HARNEY COUNTY, 450 BUENA VISTA #11, BURNS, OREGON 97720

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B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
 Water Right Transfer
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

Source of water: Reservoir/Pond Ground Water Surface Water (name) _____

Estimated quantity of water needed: 2.67 cubic feet per second gallons per minute acre-feet

Intended use of water: Irrigation Commercial Industrial Domestic for _____ household(s)
 Municipal Quasi-Municipal Instream Other _____

Briefly describe:

Applicant is applying for primary and supplemental water rights for the tax lot described.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

G-17744

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): ERD V-2 / ACZO 5020
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) If approvals have been obtained but all appeal periods have not ended, check "Being pursued."

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: Brandon McMullen Title: Planning Director
 Signature: [Signature] Phone: 511-573-6655 Date: 5/14/2013
 Government Entity: Harney County Planning Department

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(As required by ORS 527.165)

WELL I.D. # 14070

START CARD # 171203

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number _____
Name Lynn Dequire
Address PO Box
City Starr State OR Zip 97732

(2) TYPE OF WORK New Well
 Deepening Alteration (repair/recondition) Abandonment Conversion

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Other

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Flammable Injection Livestock Other

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well 25 ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
18	0	18	bedrock	0	15	20 sacks
22	18	25				

How was seal placed: Method A B C D E
 Other rounded dry and tamped
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 14	+1.5	20	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of sheet(s) _____

(7) PERFORATIONS/SCREENS

From	To	Slot Size	Number	Diameter	Telephone size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian

Yield gallons	Drawdown	Drill stem at	Time
1000		25	1hr

Temperature of water 57 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL (Legal description)
County Marney
Tax Lot 2500 Lot _____
Township 20S N or S Range 20E E or W WM
Section 22 SE 1/4 NW 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) Double "GG" Rd. Marney Lake

(10) STATIC WATER LEVEL
30 ft. below land surface. Date 1-24-05
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES

From	To	Estimated Flow Rate	SWL
18	21	1000	36

(12) WELL LOG

Material	From	To	SWL
topsoil clay collins	0	2	
clay lens	2	3	
rock grey basalt	3	48	
rock grey broken	48	67	36
unconsolidated basaltic gneiss and lens	67	81	36
claystone brown	81	85	36

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JAN 31 2005
WATER RESOURCES DEPT
SALEM, OREGON
Date Started 1-22-05 Completed 1-24-05

(Unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WMC Number _____ Date DEC 16 2013
Signed _____

(Bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WMC Number 1424 Date 1-27-05
Signed Amie K. Rily

G-17744

OFFICE TO WATER WELL CONTRACTOR
The original and first copy of this report
are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

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APR 28 1982

State Well No. 265/29E-236

State Permit No. _____

Mark
233

(1) OWNER:

Name ALDRICH FARMS
Address R.R. BURNS

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in item 14.

(3) TYPE OF WELL:

Rotary Cable Dig
Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
12" Diam. from 12 ft. to 24 ft. Gage 1250
" Diam. from " ft. to " ft. Gage "
" Diam. from " ft. to " ft. Gage "

PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____

Size of perforations in. by in.
perforations from " ft. to " ft.
perforations from " ft. to " ft.
perforations from " ft. to " ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? HENRY CO

Yield: gal/min. with " ft. drawdown after hrs.

Boiler test gal/min. with " ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used PORTLAND CEMENT
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 13 1/2 in.
Number of sacks of cement used in well seal 15 sacks
How was cement grout placed? TRAP

Was a drive shoe used? Yes No Plug _____ Size: location _____ ft.

Did any strata contain unusable water? Yes No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

Was well gravel packed? Yes No Size of gravel: _____

Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Malheur Driller's well number _____
SE 1/4 SW 1/4 Section 23 T. 26S. R. 29E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 169 ft.
Static level 32 ft. below land surface. Date 11-15-81
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____

Depth drilled 400 ft. Depth of completed well 400 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
GRAVEL	0	15	
BLACK CINDERS	15	100	
BROWN CLAY	100	134	
" " + GRAY CINDERS	134	140	
GREEN CLAY	140	169	
" " + BLACK CINDERS	169	218	
RED CINDERS + BROWN CINDERS	218	226	
BROWN SANDSTONE	226	230	
GREENISH BLACK BASALT	230	260	
GRAY CINDERS	260	268	
GRAY-GREEN BASALT	268	361	
BLACK "	361	361	
GRAY "	361	400	

Work started 11-9 1981 Completed 11-20 1981

Date well drilling machine moved off of well 11-20 1981

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Material used and installation reported above are true to my best knowledge and belief.
(Signed) Frank J. Burt Date 11-20, 1981
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1454

Water Well Contractor's Certification:

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

Name Frank J. Burt Well Drilling, Inc.
(Please print name of person) (Type or print)

Address 6213 SW Douglas Road, Prineville, OR

(Signed) Frank J. Burt
(Water Well Contractor)

Contractor's License No. 544 Date 11-20-81, 1981

(SEE ADDITIONAL SHEETS IF NECESSARY)