

"From" well

WATER WELL REPORT
STATE OF OREGON

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MAR 20 1981

UMAT
1079

State Well No.

2N/33E-32a

WATER RESOURCES DEPT
SALEM, OREGON

State Permit No.

(1) OWNER:

Name George + Kathryn Higgins
Address Rt 1 Box 553
City Handleton State OR 97801

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
Cable Bored Thermal: Withdrawal ReInjection

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
1.0" Diam from +1 ft. to 89 ft. Gauge 250
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) 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 Model No.
Type
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?
d: gal./min. with ft. drawdown after hrs.
Air test 500 gal./min. with drill stem at 300 ft. 1 hrs.
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Cement
Well sealed from land surface to 89 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 24 sacks
How was cement grout placed? Pressure grouted

Was pump installed? No Type HP Depth ft.
Was a drive shoe used? Yes No Plug Size
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

(10) LOCATION OF WELL:

County Umatilla Driller's well number
E 1/4 N.E 1/4 Section 32 T. 27 R. 33E W.M.
Tax Lot # Lot Blk Subdivision

Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found 43' ft.
Static level 25' ft. below land surface. Date 2-23-81
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 1.0"

Depth drilled 450 ft. Depth of completed well 450 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
Topsoil	0	4	
Chlystone + boulders	4	43	
Rock, brown yellow clayton	43	89	
Basalt, black	89	115	
Basalt, black 1/2 brown clayton	115	123	W.B.
Basalt, black	123	161	
Basalt, gray	161	175	
Basalt, black green clayton	175	183	W.B.
Basalt, black	183	236	
Rock, red 1/2 brown clayton	236	241	W.B.
Rock, brown	241	259	
Basalt, black	259	318	
Rock, red 1/2 green clayton	318	338	W.B.
Basalt	338	385	
Rock, red	385	394	W.B.
Basalt, black	394	429	
Rock, brown	429	433	W.B.
Basalt, black	433	450	
Casing area cemented from 115 to 183'			

Work started 2-4 19 81 Completed 2-23 19 81
Date well drilling machine moved off of well 2-23 19 81

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Material is used and information reported above are true to my best knowledge and belief.
[Signed] Jamett Leckel Date 2-23 19 81
(Drilling Machine Operator)

Drilling Machine Operator's License No. 665

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 TROY GRIFFIN (Type or first)
(Perhaps, firm or corporation)
Address 900 HERMISTON AVE. HERMISTON, ORE
[Signed] Troy Griffin (Water Well Contractor)
Contractor's License No. 65 Date 2-23 19 81

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WATER RESOURCES DEPT
SALEM, OREGON

NOTICE 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.

SP 12-658-690

T 10121 T 11146

OCT 14 2010

STATE OF OREGON

— COUNTY OF — UMATILLA

CERTIFICATE OF WATER RIGHT

This is to certify, That GEORGE DIGGINS

of Route 3, Box 61, Pendleton, State of Oregon 97801, has made
proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of
one well

a tributary of Patawa Creek for the purpose of
irrigation of 158.0 acres

under Permit No. G-9883 and that said right to the use of said waters has been perfected in
accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from
June 28, 1982
that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is
limited to an amount actually beneficially used for said purposes, and shall not exceed
1.5 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the well. The well is
located in the NE 1/4 NE 1/4, Section 32, T2N, R33E, WM; 120 feet
South and 620 feet West from the NE Corner, Section 32.

The amount of water used for irrigation, together with the amount secured under any other right
existing for the same lands, shall be limited to one-eightieth of one cubic foot per second
per acre, or its equivalent for each acre irrigated and shall be further limited
to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated
during the irrigation season of each year, provided further that in the event
of a request for a change in point of appropriation, an additional point of
appropriation or repair of this well, the quantity of water allowed herein
together with the right perfected under Permit G-9224 shall not exceed
1.5 cfs, the capacity of this well at the time of perfection of this right.

and shall
conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is
appurtenant, is as follows:

39.0 acres NW 1/4 NE 1/4
40.0 acres SW 1/4 NE 1/4
39.0 acres NE 1/4 NW 1/4
40.0 acres SE 1/4 NW 1/4
Section 32
Township 2 North, Range 33 East, WM

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein
described.

WITNESS the signature of the Water Resources Director, affixed

this date. October 28, 1985

/s/ William H. Young

Water Resources Director

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Recorded in State Record of Water Right Certificates, Volume 48, page 53488

9790C

OCT 14 2010

To well

UMAT 54879

T 10121

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JUL 25 2003

STATE OF OREGON

WATER SUPPLY WELL REPORT WATER RESOURCES DEPT SALEM, OREGON

WELL I.D. # L 64582 START CARD # 152980

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

(1) LAND OWNER Name Bob Nash Address 46271 Best Rd. City Pendleton State Or Zip 97868

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well 580 ft. Explosives used Yes No Type Amount

Table with columns: HOLE Diameter, SEAL Material, Sacks or pounds. Includes handwritten entries for 10 inch diameter and 12 sacks of PTD Cement.

How was seal placed: Method A B C D E

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes handwritten entries for 10 inch casing.

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

(7) PERFORATIONS/SCREENS:

Table with columns: From, To, Slot size, Number, Diameter, Material, Casing, Liner. Includes handwritten entries and a 'RECEIVED' stamp.

(8) WELL TESTS: Minimum testing time is 1 hour

Table with columns: Pump/Bailer/Air/Artesian, Yield gal/min, Drawdown, Drill stem at, Time. Includes handwritten test results.

Temperature of water 65 Depth Artesian Flow Found 555 Was water analysis done? Yes By whom Did any strata contain water not suitable for intended use?

(9) LOCATION OF WELL by legal description: County Umatilla Latitude Longitude Township 2 N or S Range 33 E or W. WM. Section 33 SW 1/4 SW 1/4 Tax Lot 11700 Lot Block Subdivision Street Address of Well (or nearest address) 46271 Best Rd. Pendleton Or 97801

(10) STATIC WATER LEVEL: ft. below land surface. Date Artesian pressure 1 lb per square inch Date 7-19-03

(11) WATER BEARING ZONES:

Table with columns: From, To, Estimated Flow Rate, SWL. Includes handwritten entries for water bearing zones.

(12) WELL LOG:

Table with columns: Material, From, To, SWL. Includes handwritten entries for well log materials like Black Basalt, Blue clay, etc.

Date started 6-18-03 Completed 7-7-03 (unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards...

T 11146

To Well

psi x 2.31 = 340
300

CONFEDERATED TRIBES
OF THE UMATILLA INDIAN RESERVATION
WELL DRILLER'S REPORT
Tribal Ordinance requires that this report be filed with the Director, Tribal Development Office
within 30 days after the completion or abandonment of the well.
(503) 276-8221

WP-388
Well Permit No.

02N/33E-33 ccad
Well #024

T 10121

1. WELL OWNER
Name Bob Nash
Address 46271 Best Road Pendleton
Owner's Permit No. _____

2. NATURE OF WORK
 New Well Deepened Replacement
 Abandoned (describe method of abandoning)

3. PROPOSED USE
 Domestic Irrigation Test Municipal Industrial
 Stock Waste Disposal or Injec.
 Other _____ Proposed Volume _____ g.p.m.

4. METHOD DRILLED
 Rotary Air Hydraulic Reverse Rotary
 Cable Dug Other _____

5. WELL CONSTRUCTION
Casing schedule: Steel Concrete Other
10" inches _____ inches 123 feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet

Was casing drive shoe used? Yes No
Was a packer or seal used? Yes No
Perforated? Yes No
How perforated? Factory Knife Torch
Size of perforation _____ inches by _____ inches

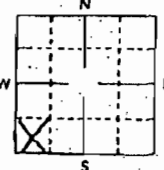
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

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 _____ Material used in seal:
 Cement grout Pudding Clay

7. WATER LEVEL
Static Water level _____ feet below land surface
Flowing? Yes No G.P.M. flow _____
Artesian closed-in pressure _____ psi
Controlled by: Valve Cap Plug
Temperature 65 °F Quality _____

8. WELL TEST DATA Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No
If yes, by whom? _____
Yield: _____ gallon/min. with _____ ft. drawdown after _____ hrs.
Yield: _____ gallon/min. with _____ ft. drawdown after _____ hrs.
Air test 600+ gallon/min. with drill stem at 580 ft. 1 hrs.
Bailer test _____ gallon/min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water _____
Depth artesian flow encountered 555 ft.

NOTES:

6. LOCATION OF WELL
Sketch map - location must agree with written location.

Subdivision Name _____
Lot No. _____
Block No. _____
County Umatilla
SW x SW x Sec 33 T. 2N N1S. R. 33E EW.

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	SW
	310	338	Black BASALT		
	338	360	Black & Brown BASALT		
	360	365	Black / Blue clay	X	
	365	370	Black BASALT		
	370	390	Black & Brown BASALT		
	390	400	Black / Blue clay	X	
	400	450	Brown BASALT		
	450	455	Black BASALT		
	455	460	Brown BASALT		
	460	510	Black BASALT		
	510	550	Black / Blue clay	X	
	550	550	Black / Brown BASALT		
	550	555	Brown / Blue clay		
	555	565	Blue clay	X	
	565	590	Black / Blue clay		

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WATER RESOURCES DEPT
SALEM, OREGON

If cement grout, how placed Tremie
How many sacks cement 12
Sealing procedure used: Slurry pit
 Temp. surface casing
 Overbore to seal depth
Method of joining casing: Threaded Welded
 Solvent Weld
 Cemented between strata
Describe access port _____
Did any strata contain unusable water? NO

10. Work started 6-18-03 finished 7-7-03

11. DRILLERS CERTIFICATION
I/we certify that all minimum well construction standards were complied with at the time the log was removed and all information contained in this log is true and accurate.
Firm Name _____ Firm No. _____
Address _____ Date _____
Signed by (Firm Official) _____
License Number _____ and _____
(Operator) James H McCurdy
License Number _____

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WATER RESOURCES DEPT
SALEM, OREGON

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79592

OCT 14 2003

"To"
Well

UMAT 55706

WELL I.D. # L _____

(1) LAND OWNER Well Number _____
Name Guy Mueller
Address _____
City _____ State _____ Zip _____

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

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

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 310 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method A B C D E
 Other _____
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:	12	0	119		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

(7) PERFORATIONS/SCREENS:

Perforations Method _____

Screens Type _____ Material _____

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

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing Time
456 550	205		2.5 hr.

Temperature of water _____ 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: _____
Hardness 80 PPM Chloride 3 PPM

(9) LOCATION OF WELL by legal description:
County UMAT Latitude _____ Longitude _____
Township 2 N Range 33 E W.M.
Section 33 SE 1/4 SW 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 46271 Best Road
Pendleton OR

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Artesian pressure Flowing lb. per square inch Date 6/22/03

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Palouse Formation	0	6	
Sand			
Fanglomerate	6	105	
Gravel & clay			
Columbia River Basalt			
Basalt	105	137	
Basalt Gray	137 137	229	
Gravel (Broken basalt)?	229	231	
Basalt Gray	231	235	
Basalt Black	235	310	

Drilled by Best Gladney
Deepened 7/7/03
SEE UMAT 54879
Date started _____ Completed 6/22/03
1951

SOURCE OF DATA/INFO
Geology & Ground Water of the Umatilla River Basin OREGON USGS W.S.P. 1620

COMPILED BY: Marc Norton
3/29/2006

OCT 14 2010

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WELL INFORMATION REPORT

4414610000