

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

PLEASE TYPE OR PRINT IN INK

Pg. 1 of 2

269/16E-866

WATER RESOURCES DEPT.
SALEM, OREGON

(for official use only)

(1) OWNER:

Name John O'Leary

Address 732 N.E. Seward St.

City Bend

State Ore. 97701

(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 ☐

Rotary Mud ☐ Dug ☐

☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Thermal: Withdrawal ☐ Reinjection ☐

Other: Piezometric ☐ Grounding ☐ Test ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

14 " Diam. from +1 1/2 ft. to 97 ft. Gauge 375
" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

Steel ☐ Plastic ☐
Threaded ☐ Welded ☐

" Diam. from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS:

Perforated? ☐ Yes ☒ No

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?

_____ gal./min. with _____ ft. drawdown after _____ hrs.

Air test 800 gal./min. with drill stem at 400 ft. 1 hrs.

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m.

Temperature of water 65* Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used Portland Cement

Well sealed from land surface to 20 ft.

Diameter of well bore to bottom of seal 17 1/2 in.

Diameter of well bore below seal 12 in. to 122'-8" beyond

Amount of sealing material 25 sacks ☒ pounds ☐

How was cement grout placed? Pressure Grouted

Was pump installed? no Type _____ HP _____ Depth _____ ft.

Was a drive shoe used? ☐ Yes ☒ No Plugs _____ 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 by legal description:

County Lake NW 1/4 NW 1/4 of Section 8 of

Township 26S Range 16E WM.

(Township is North or South)

(Range is East or West)

Tax Lot _____ Lot _____ Block _____ Subdivision _____

MAILING ADDRESS OF WELL (or nearest address) unknown

(11) WATER LEVEL OF COMPLETED WELL:

Depth at which water was first found 50 ft.

Static level 32 ft. below land surface. Date 7-7-84

Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12"-see #9

Depth drilled 1480 ft. Depth of completed well 1480 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
Sandy Top-Soil	0	3	
Caliche	3	7	
Sandy Brown Soil	7	17	
Sandy Soil With Blk Cinders	17	35	
Coarse Sandstone	35	50	
Weathered Rock, Water-Bear.			
(approx. 20 GPM)	50	52	
Metamorphic Rock	52	110	
Green Basalt	110	230	
Brn Rock-Soft & Hard Strips	230	270	
Blue/Black Basalt	270	345	
Green Clay Seams	345	348	
Rock, Red-Brown Strips	348	370	
Green-Black Basalt	370	580	
Green-Black Basalt, some			
clayey fractures	580	750	
Brown Basalt, Softer-Water-B.			
(approx. 100 GPM water)	750	755	
Blue-Black Basalt	755	880	
Green-Black Basalt	880	1070	
Brown Basalt-little more wat.	1070	1075	

Date work started 5-5-84 /completed 7-7-84

Date well drilling machine moved off of well 7-7 19 84

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] [Signature] Date 7-9, 1984

(bonded) Water Well Constructor Certification:

Bond 630130021279 Issued by: U.S. Fidelity & Guaranty

(number)

(Surety Company Name)

On behalf of Orvail Buckner Well Drilling, Inc.

(type or print name of Water Well Constructor)

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

(Signed) [Signature] (Water Well Constructor)

(Dated) 7-9-84

NOTICE TO WATER WELL CONSTRUCTOR

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*46866-690

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

WATER RESOURCES DEPT.
SALEM, OREGON
PLEASE TYPE OR PRINT IN INK

Pg. 2 of 2

205/16E-866
PERMIT # 6-10061
(for official use only)

(1) OWNER:

Name John O'Leary
Address 732 N.E. Seward St.
City Bend State Ore. 97701

(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 ☒ Thermal: ☐ Withdrawal ☐ Reinjection ☐
☐ Bored ☐ Other: ☐ Piezometric ☐ Grounding ☐ Test ☐

(4) PROPOSED USE (check):

(5) CASING INSTALLED: Steel ☒ Plastic ☐
Threated ☐ Welded ☒
14" Diam. from +1 1/2 ft. to 97 ft. Gauge .375

(6) LINER INSTALLED: Steel ☐ Plastic ☐
Threated ☐ Welded ☐
" Diam. from ft. to ft. Gauge

(6) PERFORATIONS: Perforated? ☐ Yes ☒ No
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?
d: gal./min. with ft. drawdown after hrs.
Air test 800 gal./min. with drill stem at 400 ft. 1 hrs.
Bailer 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 Portland Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 17 1/2 in.
Diameter of well bore below seal 12 in.
Amount of sealing material 25 sacks ☒ pounds ☐
How was cement grout placed? Pressure Grouted

Was pump installed? no Type HP Depth ft.
Was a drive shoe used? ☐ Yes ☒ No Plugs 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: ft.
Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County Lake NW 1/4 NW 1/4 of Section 8 of
Township 26S Range 16E WM.
(Township is North or South) (Range is East or West)
Tax Lot Lot Block Subdivision
MAILING ADDRESS OF WELL (or nearest address) unknown

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 50 ft.
Static level 32 ft. below land surface. Date 7-7-84
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 12"-see #9
Depth drilled 1480 ft. Depth of completed well 1480 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
Dk. Green Basalt	1075	1082	
Brown Basalt	1082	1085	
Grey-Green Basalt	1085	1105	
Blk Fract. Basalt W/Grey Clay			
Seams	1105	1120	
Black Basalt-Very Hard	1120	1240	
Basalt-Very Broken	1240	1243	
Soft Black Claystone	1243	1247	
Tan Claystone	1247	1255	
Dk. Grey Claystone	1255	1270	
Lt. Green Claystone	1270	1345	
Hard Brn-Green Claystone	1345	1390	
Green Claystone-Soft	1390	1391	
Hard Green Claystone	1391	1398	
Soft Brn-Green Claystone	1398	1410	
Green Rock-Some Fractures	1410	1428	
Hard Green Claystone	1428	1432	
Dk. Green Basalt	1432	1437	
Broken Red Basalt-Water-B.	1437	1455	
Dk. Grey Basalt-Very Hard	1455	1480	

Date work started 5-5-84 /completed 7-7-84
Date well drilling machine moved off of well 7-7 19 84

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date 7-7, 19 84

(bonded) Water Well Constructor Certification:

Bond 630130021279 Issued by: U.S. Fidelity & Guaranty
(number) (Surety Company Name)
On behalf of Orvail Buckner Well Drilling, Inc.
(type or print name of Water Well Constructor)

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

(Signed) Orvail Buckner
(Water Well Constructor)

(Dated) 7-9-84

NOTICE TO WATER WELL CONSTRUCTOR
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*46866-690