

HARN 219 OBSERVATION WELL

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APR 8 1963

STATE ENGINEER
SALEM, OREGON

NOTICE TO WATER WELL CONTRACTOR:
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM 10, OREGON, within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

Harn
219

State Well No. 22/33-275 III
State Permit No. _____

(1) OWNER:

Name John Temple
Address Burns Oregon

(2) LOCATION OF WELL:

County HARNEY Driller's well number _____
1/4 W 1/4 Section 27 T. 22S R. 33E W.M.
Bearing and distance from section or subdivision corner
1340' South 46 and 53
minutes west of N.W. Sec.
Corner of Sec 27

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded
16" Diam. from 1 ft. to 89' ft. Gage 1/4"
12" Diam. from 520 ft. to 570 ft. Gage 1/4"
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used MILLS & TORCH
Size of perforations 3/8 in. by 4 in.
680 perforations from 20 ft. to 88' ft.
480 perforations from _____ ft. to _____ ft.
perforations from 535 ft. to 585 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed Yes No
Manufacturer's Name _____
Model No. _____
Diam. Slot size _____ Set from _____ ft. to _____ ft.
Diam. Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

Well seal—Material used in seal BENTONITE CLAY
Depth of seal 20 ft. Was a packer used? SAND
Diameter of well bore to bottom of seal 20 in.
Were any loose strata cemented off? Yes No Depth _____
Was a drive shoe used? Yes No
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 8' ft. below land surface Date 3-10-63
Artesian pressure _____ lbs. per square inch Date _____

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? DRILLER
Yield: 190 gal./min. with 182 ft. drawdown after 4 hrs.
" " " " "
" " " " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water 71° Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing 15 3/4" - 11 3/4"
Depth drilled 835' ft. Depth of completed well 835' ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
<u>LOG ATTACHED</u>		
<u>Well 16" to 560'</u>		
<u>well 12" to 835'</u>		
<u>TORCH PERFORATED 12" LINER</u>		
<u>CASING INSTALLED FROM</u>		
<u>535' to 585'</u>		
<u>535' to 585'</u>		

Work started 7-23 1962 Completed 3-10 1963
Date well drilling machine moved off of well 3-11 1963

(13) PUMP:

Manufacturer's Name No Pump yet
Type: _____

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 HOLLOWAY DRILLING Co.
(Person, firm or corporation) (Type or print)
Address ONTARIO ORE
Drilling Machine Operator's License No. 102
[Signed] Max Holloway
(Water Well Contractor)
Contractor's License No. 16 Date 4-6, 1963

HARN 219

STATE ENGINEER
Salem, Oregon

State Well No. 22/33-27 J (1)
County Harney
Application No. _____

Well Log

Owner: John Temple Owner's No. _____

Driller: Max Holloway Date Drilled 7/23/62

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil, sandy	0	8	8
Clay, medium gravel embedded	8	27	19
Clay, brown	27	62	35
Gravel, medium	62	65	3
Clay, brown	65	74	9
Gravel, medium	74	88	14
Clay, sticky brown	88	112	24
Clay with lava rock embedded	112	115	3
Rock, lava brown	115	119	4
Rock, hard black basalt	119	128	9
Rock with crevices clay in them	128	143	15
Rock, black, porous	143	151	8
Rock, hard black basalt	151	163	12
Cinders, red and black	163	165	2
Rock, hard black basalt	165	182	17
Rock, soft	182	183	1
Rock, hard, black	183	197	14
Rock, hard, brown	197	208	11
Rock, porous, brown	208	210	2
Rock, hard, brown	210	212	2
Rock, hard, black basalt	212	226	14
Rock, porous, red	226	232	6
Rock, hard, black basalt	232	267	35
Rock, lava, various colors	267	312	45

STATE ENGINEER
Salem, Oregon

State Well No. 22/33-27 J N
County Harney
Application No. _____

Well Log

Owner: John Temple Owner's No. _____

Driller: Max Holloway Date Drilled _____

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Rock, hard black basalt	312	320	8
Clay, fine gravel embedded	320	321	1
Rock, hard, black	321	332	11
Clay, crumbly	332	347	15
Clay, small gravel & sand	347	355	8
Rock, hard and black	355	370	15
Rock, crevices with clay	370	373	3
Clay with soapstone	373	376	3
Clay, sandy	376	426	50
Sand, medium, gray	426	429	3
Clay, blue	429	435	6
Clay, white	435	460	25
Clay, sand, some fine gravel	460	471	11
Clay, blue	471	503	32
Rock, hard and black	503	518	15
Clay, blue, sticky	518	520	2
Well tested 10/26/62 150 gpm from 150'			
Rock, soft, black	520	522	2
Rock, hard black basalt	522	541	19
Rock crevices with clay in them	541	555	14
Rock, hard basalt	555	560	5
Rock, broken, hard	560	585	25
Installed perforated 12" liner hole reduced to			
12" 50' of perforated casing 12" from 535 to 585			
Tested well 11/7/62 190 gpm from 150'			

HARN 219



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

Application for Well ID Number

Do not complete if the well already has a Well Identification Number.

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NOV 12 2015

**WATER RESOURCES DEPT
SALEM, OREGON**

I. OWNER INFORMATION

Current Owner Name (please print): JOHN TEMPLE

Mailing Address: 73417 CRANE-BUCHANAN ROAD

City, State, Zip: BURNS, OR 97720

Mail Well ID Tag to: SAME AS ABOVE In Care Of (C/O)

Name & Address: _____

City, State, Zip: _____

II. WELL LOCATION INFORMATION (Please fill out as completely as possible)

Township: 22 S (North / South) Range: 33 E (East / West) Section: 27

Tax Lot: 600 County Harney NE 1/4 SE 1/4

GPS Coordinates: 43.62818, -118.63258

Street Address of Well, City: _____

If the property had a different street address in the past: _____

III. GENERAL WELL INFORMATION (Please fill out as completely as possible)

Use of Well (domestic, irrigation, commercial, industrial, monitoring): IRRIGATION

Date Well Constructed (or property built): 3/10/1963 Total Well Depth: 835 Casing Diameter: 16"

Owner at time the well was constructed (if known): JOHN TEMPLE

Other Information: _____

SUBMITTED BY (please print): Darrick Boschmann

PHONE: 503-986-0853 **EMAIL &/or FAX:** darrick.e.boschmann@ wrd.state.or.us

Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-0902. Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

For Official Use Only by the Oregon Water Resources Department:

Received Date:

11-12-15

Well Log Number:

HARN 219

Well Identification #:

L-95060