NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the STATE OF OREGON

STATE ENGINEER, SALEM, OREGON 97MAR 02 1979 (Please type or print) within 30 days from the date of well completion. WATEL ALBURGES DEPT.

Page 1 39E-176d State Permit No. .

(1) OWNER: SALEM. OREGON	(10) LOCATION OF WELL:			
Name George Royes	County Union Driller's well nu	ımber	1	
Address Imbler, Oregon	SE % NW % Section 17 T. I S.		9 E.	W.M.
	Bearing and distance from section or subdivisi			***************************************
(2) TYPE OF WORK (check):	Bearing and distance from section of subdivisi	on corner	<u> </u>	
New Well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐				
If abandonment, describe material and procedure in Item 12.	(11) WARRED LEVEL Comments	77		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed w	_		
Rotary XI Driven Cl	Depth at which water was first found	<u>,8</u>		ft.
Cable	Static level ft. below land s	*		
Dug Bored Irrigation Test Well Other	Artesian pressure 36 lbs. per squar	e inch.	Date 3-/	10/78
CASING INSTALLED: Thresded Welded 250 16"." Diam from ft. to 499 ft. Gage 250	(12) WELL LOG: Diameter of well h		-	
14 "Diam. from 499 ft. to 1060 ft. Gage 250	Depth drilled ft. Depth of compl			ft.
10 " Diam from 1050 ft. to 1367 ft. Gage .250	Formation: Describe color, texture, grain size a and show thickness and nature of each stratur with at least one entry for each change of formation.	n and aq tion. Repo	uifer pe ort each	netrated, change in
PERFORATIONS: Perforated? MY Yes INO.	position of Static Water Level and indicate prin	cipal wat	er-bearii	ıg strata.
Type of perforator used Machine	MATERIAL	From	То	swL
Size of perforations 3/16 in. by 2 in.	Top soil	0	4	
4800 perforations from 1267 ft. to 1367 ft.	Sand and sandy clay	4	48	
perforations from ft. to ft.	Sandstone	48	56	
perforations from ft. to ft.	Sand	56	64	·
(7) SCREENS: Well screen installed? Yes M No	Sandstone soft	64	70	 _
	Sandy clay	70	_80_	
Manufacturer's Name	Sand and clay layers	80	101	
Type Model No Diam Slot size Set from ft. to ft.	_Clay gray	101	110	-
Diam. Slot size Set from ft. to ft.	Sandstone & clay layers	110	146	
Diditi. Set Bill Set Irolli	Clay blue (sandy)	146	175	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Clay blue and sandstone	175	230	
	Sandstone soft blue	230	241	
Was a pump test made? ☐ Yes ☐ No If yes, by whom?	Clay blue	.241	260	
Yield: gal./min. with ft. drawdown after hrs.	Sand blue and sandstone	260	310	
" " "	Sandstone soft	310 319	319	
и и и	Clay blue		365 413	
Bailer test gal./min. with ft. drawdown after hrs.	Clay	365 413	435	
Artesian flow 2750 g.p.m.	Sand coarse			
perature of water Depth artesian flow encountered 1360 ft.	Work started Sept. 19 77 Complete			19.78
	Date well drilling machine moved off of well	Mar		19 78
				-
Well seal—Material used <u>Neat Cement grout</u> Well sealed from land surface to <u>1060</u> ft.	Drilling Machine Operator's Certification: This well was constructed under my	direct	super	vision.
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and belief.	above a	re true	to my
Diameter of well bore below seal14 in.	[Signed] Sture Moore	Date 5	3/31	1a 78
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)			,
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No	7.	55	#**
Brand name of bentonite	Water Well Contractor's Certification:			-
Number of pounds of bentonite per 100 gallons	·			
of waterlbs./100 gals.	This well was drilled under my jurisdi true to the best of my knowledge and beli	ction and lef.	d this r	eport is
Was a drive shoe used? 🗌 Yes 🔲 No Plugs Size: location ft.	Name Stave Moore S	teve M	oore	
Did any strata contain unusable water? 🔲 Yes 🔲 No	(Person, firm or corporation)	(Ty	pe or prin	
Type of water? depth of strata	Address P. O. Drawer P. Moses	Lake.	Wa.	98837
Method of sealing strata off	[Signed] Stew moon			
Was well gravel packed? Yes No Size of gravel:	[Signed] (Water Well Contra	actor)		
Gravel placed fromft. toft.	Contractor's License No		/31	1078
Lt.	1 COMMENCED THE THE TANKS DAIL		·=-	., IU.L.

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the RECEIVE ATE OF OREGON STATE ENGINEER, SALEM, OREGON 97810 Within 30 days from the date WATER WELL REPORT

within 30 days from the date

	Page 2
State Well No.	15 139E-176d

of well completion. WAR UZ 1979(Do not write a	above this line)	10		***************************************
(1) OWNER: SALEM CORRES DEPT.	SALFA GRECON (10) LOCATION OF WELL:			
Name George Royes SALEM. OREGON	County Driller's well n			
Address Imbler, Oregon	. On a complete with the second control of t			
		R.		W.M
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivis	on corne	er	
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐	The second secon	 		
If abandonment, describe material and procedure in Item 12.				
	(11) WATER LEVEL: Completed w	ell.		
Potenty D Delegan D	Depth at which water was first found			ft
Cable ☐ Jetted ☐ Domestic ☐ Industrial ☐ Municipal ☐	Static level ft. below land	surface.	Date	
Dug ☐ Bored ☐ Irrigation ☐ Test Well ☐ Other ☐	Artesian pressure lbs. per squar	re inch.	Date	
CASING INSTALLED: Threaded □ Welded □	(19) WELL TOG			
" Diam. fromft. toft. Gage				
"Diam. from ft. to ft. Gage				ft
ft. Gage	Formation: Describe color, texture, grain size and show thickness and nature of each stratu	and struc m and a	ture of a	materials;
PERFORATIONS: Perforated? Yes No.	with at least one entry for each change of forma	tion. Rep	ort each	change in
· [position of Static Water Level and indicate prin	cipal wa	ter-beari	ng strata
Type of perforator used	MATERIAL	From	То	SWL
Size of perforations in. by in.	Sand and clay	437	480	
perforations from ft. to ft.	Sand & clay w/broken basalt	480	491	
perforations fromft. toft.	Clay green	491	501	
perforations from ft. to ft.	Silty clay gray and wood	501	507	
(7) SCREENS: Well screen installed? Yes No	Sand and wood	507	509	
	Clay brown and green	509	524	
Manufacturer's Name Model No	Sandstone hard brown	524	543	
Diam. Slot size Set from ft. to ft.	Clay green & coarse sand	543	546	
Diam. Slot size Set from ft. to ft.	Clay brown and green	546	605	
	Sand and clay layers Clay blue	605 620	620	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Clay blue and brown	638	638	
Was a pump test made? ☐ Yes ☐ No If yes, by whom?	Clay hard blue	646	646 684	
Viold:	Clay blue and brown	684	690	
	Clay green and gray w/wood	690	755	
" " "	Basalt black	755	756	
<i>"</i> " " " " "	Clay green	756	775	
Bailer test gal./min. with ft. drawdown after hrs.	Clay green & Broken blk basal	-	782	
Artesian flow g.p.m.	Clay green and brown hard	782	854	****
perature of water Depth artesian flow encountered ft.	Work started 19 Complete			19
(9) CONSTRUCTION:	Date well drilling machine moved off of well			19
***	Drilling Machine Operator's Certification:			
Well seal—Material usedft.	This well was constructed under my	direct	guner	vigion
Diameter of well bore to bottom of seal	Materials used and information reported	above a	are true	to my
Diameter of well bore below sealin.	best knowledge and belief.			
Number of sacks of cement used in well seal sacks	[Signed] (Drilling Machine Operator)	Date		., 19
Number of sacks of bentonite used in well sealsacks	Drilling Machine Operator's License No.			
Brand name of bentonitesacks				***********
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:			
of water lbs./100 gals.	This well was drilled under my jurisdi	ction an	d this r	eport is
Was a drive shoe used? ☐ Yes ☐ No Plugs Size: location ft.	true to the best of my knowledge and beli	ef.		
Did any strata contain unusable water? Yes No Piugs	Name (Person, firm or corporation)			
	(Ferson, firm or corporation)	(Ty	pe or prin	IT)
	Address	*********	************	
Method of sealing strata off	[Signed](Water Well Contra		************	
Was well gravel packed? Yes No Size of gravel:				
Gravel placed from ft. to ft.	Contractor's License No Date			., 19

NOTICE TO WATER WELL CONTRACTOR The original and first copy

of this report are to be filed with the

(1) OWNER:

Address

Rotary

Cable

Dug

RECEIVE WELL REPORT

Abandon 🗌

STATE ENGINEER, SALEM, OREGON 9 within 30 days from the date of well completion.

George Royes

(2) TYPE OF WORK (check):

New Well [Deepening [

(3) TYPE OF WELL:

Type of perforator used Size of perforations

(7) SCREENS:

Yield:

Bailer test

Artesian flow

Type of water?

Method of sealing strata off

Manufacturer's Name

Diam. Slot size (8) WELL TESTS:

perature of water

(9) CONSTRUCTION: Well seal-Material used

Well sealed from land surface to

Brand name of bentonite

Diameter of well bore to bottom of seal Diameter of well bore below seal in. Number of sacks of cement used in well seal Number of sacks of bentonite used in well seal

Number of pounds of bentonite per 100 gallons

Gravel placed from _____ ft. to ____

Did any strata contain unusable water? 🔲 Yes 📙 No

Was well gravel packed?

Yes

No Size of gravel:

Driven 🛚

Jetted 🔲

CASING INSTALLED:

" Diam. from

PERFORATIONS:

Bored

Imbler, Oregon

If abandonment, describe material and procedure in Item 12.

" Diam. from _____ft. to _____ft. Gage __

..... perforations from _____ ft, to ___ ___ perforations from _____ ft. to ____

__ Set from .

..... perforations from

Was a pump test made?

Yes
No If yes, by whom?

gal./min. with

g.p.m.

Was a drive shoe used?

Yes

No Plugs Size: location _____ ft.

depth of strata

gal./min. with

Diam. Slot size ____ Set from

in. by

State Well No. 15/396-17bd	/
----------------------------	---

State Permit No.

MAR 02 1979 (Do not write above this line) WATER RESOURCES DEPT SALEM, OREGON

(4) PROPOSED USE (check):

Irrigation | Test Well | Other

ft. to_____ft. Gage ___ ft. to _____ ft. Gage ___

Domestic | Industrial | Municipal |

Threaded | Welded |

Perforated? | Yes | No.

.. ft. to

..... ft. to ..

Well screen installed? Yes No

lowered below static level

Depth artesian flow encountered .

.. Model No.

Drawdown is amount water level is

ft. drawdown after

ft. drawdown after

Reconditioning [

(10) LOCATION OF WELL:			
County Driller's well n	umber	,	
34 34 Section T.	R.		w.1
Bearing and distance from section or subdivis	ion corn	er	
The state of the s			
(11) WATER LEVEL: Completed w			
Depth at which water was first found	en.		
Static level ft. below land	surface	Date	<u>-</u>
Artesian pressure lbs. per squa			
	- MCII.	Date	·
(12) WELL LOG: Diameter of well			************
Depth drilled ft. Depth of comp			
Formation: Describe color, texture, grain size and show thickness and nature of each stratuwith at least one entry for each change of forma position of Static Water Level and indicate principles.	m and a tion. Rer	quifer pe	netrate
MATERIAL	From	То	SWL
Basalt black	854	862	
Basalt soft brown	862	873	
Basalt gray w/some clay	873	876	
Basalt gray	876	882	
Basalt gray broken	882	883	
Basalt gray and green clay	883	900	
Basalt gray & green clay Basalt black & green clay	900 949	949 970	
Basalt blk & or broken & clay		1012	
Clay green	1012	1012	
Basalt hard black	1052	1092	
Basalt black soft	1090	1093	
Basalt black hard	1093	1115	
Basalt blk & gray clay soft	1115	1128	
Basalt black & grn clay soft	1128	1146	
	1146	1148	
Basalt black and green clay	1148	1159	
Clay green soft	1159	1176	
Basalt hlk broken & gro clay		1181	
Vork started 19 Complete	eđ		19
Date well drilling machine moved off of well			19
Prilling Machine Operator's Certification: This well was constructed under my faterials used and information reported est knowledge and belief.	above	are true	to m
Signed](Drilling Machine Operator)			
Orilling Machine Operator's License No.			
Vater Well Contractor's Certification:			
This well was drilled under my jurisdi rue to the best of my knowledge and bel	ction ar ief.	nd this re	eport i
Vame (Person, firm or corporation)	(T ₃	pe or prin	t)
Address	**********		
Signed](Water Well Contr			

/TIQE	ADDITIONAL	CHERMO	TER	THE CHECK A DAY
	MUDITIONAL	onebro	11	DECEMBARY

...... lbs./100 gals.

NOTICE TO WATER WELL CONTRACTOR The original and first contractor of this report are to be filed with the VATER WELL REPORT STATE OF OREGON

STATE ENGINEER, SALEM, OREGOMANO 2 1979 (Please type or print)
within 30 days from the date
of well complet WATER RESOURCES DEPPt write above this line)

State Permit No.

SALEM. OREGON		
(1) OWNER:	(10) LOCATION OF WELL:	
Name George Royes	County Driller's well nu	mber
Address Imbler, Oregon	34 34 Section T.	R. W.M.
And the state of t	Bearing and distance from section or subdivision	
(2) TYPE OF WORK (check):	Source and an annual State of	AI COINCE
New Well □ Deepening □ Reconditioning □ Abandon □		
If abandonment, describe material and procedure in Item 12.	(11) TYADED TEXTEL C	11
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed w	e11.
	Depth at which water was first found	ft.
Rotary Driven Domestic Industrial Municipal Domestic Municipal	Static level ft. below land s	urface. Date
Dug	Artesian pressure lbs. per squar	e inch. Date
CASING INSTALLED: Threaded □ Welded □	(12) WELL LOG: Diameter of well h	elow casing
" Diam. from ft. Gage	Depth drilled ft. Depth of comple	_
		,
	Formation: Describe color, texture, grain size a and show thickness and nature of each stratum	
PERFORATIONS: Perforated? Yes No.	with at least one entry for each change of format position of Static Water Level and indicate princ	
Type of perforator used	MATERIAL	From To SWL
Size of perforations in. by in.	Basalt blk & gray clay soft	1181 1190
perforations from ft. to ft.	l m a 4 a 4 a 6 a 6 a 6 a 6 a 6 a 6 a 6 a 6	1190 1202
perforations fromft. toft.		1202 1246
perforations fromft. toft.	Clay green & basalt brn & blk	
		1270 1282
(7) SCREENS: Well screen installed? Yes No	6.7	1282 1292
Manufacturer's Name	Clay grn & brn w/basalt blk	1292 1310
Type Model No.	Basalt gry hard broken w/brn	
Diam. Slot size Set from ft. to ft.	& grn clay & sandstone	1310 1332
Diam. Slot size Set from ft. to ft.	Basalt gray hard	1332 1335
/0\ WEIT WECKS. Drawdown is amount water level is	Clay green & red cinders	1335 1336
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Basalt black & soft orn clay	1336 1345
Was a pump test made? Yes No If yes, by whom?	Basalt black w/clay	1345 1352
Yield: gal./min. with ft. drawdown after hrs.	Basalt black broken	1352 1367
The state of the s		
и и п		
Bailer test gal./min. with ft. drawdown after hrs.		
Artesian flow g.p.m.		
perature of water Depth artesian flow encounteredft.	Work started 19 Complete	
	-	
(9) CONSTRUCTION:	Date well drilling machine moved off of well	19
Well seal—Material used	Drilling Machine Operator's Certification:	
Well sealed from land surface to ft.	This well was constructed under my Materials used and information reported	
Diameter of well bore to bottom of seal in.	best knowledge and belief.	
Diameter of well bore below seal in.	[Signed](Drilling Machine Operator)	Date, 19
Number of sacks of cement used in well seal sacks		
Number of sacks of bentonite used in well seal sacks	Drilling Machine Operator's License No.	
Brand name of bentonite	Water Well Contractor's Certification:	
Number of pounds of bentonite per 100 gallons	This well was drilled under my jurisdi	ction and this report is
of water lbs./100 gals.	true to the best of my knowledge and beli	
Was a drive shoe used? \square Yes \square No Plugs Size: location ft.	Name (Person, firm or corporation)	**************************************
Did any strata contain unusable water? 🔲 Yes 🗎 No	•	
Type of water? depth of strata	Address	************************************
Method of sealing strata off	[Signed]	
Was well gravel packed? Yes No Size of gravel:	[Signed](Water Well Contr	actor)
Gravel placed fromft. toft.	Contractor's License No Date	, 19

George Royes, Imbler, Oregon Well – SE4 of NW4 of S. 17, T. 1 S., R. 39 E.W.M.

26" hole drilled to 836'. 18" casing set and gravel packed from 18' to 830' (Cement from 830' to 836'). Surface seal of neat cement was placed from 18' to surface. 18" hole was drilled to 1060'. Small flow of artesian water was encountered at 970' (approximately 20 gpm). 499' of 16" x .250 wall casing and 561' of 14" x .250 wall casing was welded together in one string with a B & W cement shoe on the bottom of the 14" casing. 200 sacks of cement mixed with 5 gals. water per sack was pumped through drill pipe and out the cement shoe at the bottom of the 14" casing.

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MAR 0 2 1979
WATER RESOURCES DEPT.
SALEM. OREGON