Approved:

МЕМО

To: Kristopher Byrd, Well Construction Manager

From: Tommy Laird, Well Construction Program Coordinator

Subject: Review of Water Right Application LL-1981

Date: February 5, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Darrick E. Boschmann reviewed the application. Please see Darrick's Groundwater Review and the Well Reports.

Applicant's Well #3 (LAKE 341/LAKE 345): Based on a review of the Well Reports, Applicant's Well #3 seems to protect the groundwater resource.

The construction of Well #3 may not satisfy hydraulic connection issues.

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

STATE OF OREGOR E CEIVED State Well No. (Please type or print)

filed with the	F OREGOR State Well No.	
STATE ENGINEER, SALEM, OREGON 97310 (Please to within 30 days from the date of well completion. (Do not write	ype or print) 3 111 0 2 1976	. 265/14E-L
(1) OWNER:	(10) WATER RESOURCES DEPT. (10) WATER RESOURCES DEPT.	· • • • • • • • • • • • • • • • • • • •
Name Ken Kruse	1 1	2.4
Address Fort Rock, Oregon 97735	NW % SE % Section 13 T. 26S	
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivisi	
	1340' N & 1340' W of SE cor	ner Sec 13
New Well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐		
If abandonment, describe material and procedure in Item 12.	- (11) WATER LEVEL: Completed w	ell.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 18	ft.
Rotary Driven Domestic Industrial Municipal	☐ Static level 13 ft. below land s	surface. Date 5/23/76
Zable Jetted X	☐ Artesian pressure lbs. per squar	<u></u>
(5) CASING INSTALLED: Threaded D Welded D 14 "Diam. from + 2 ft. to 108 ft. Gage • 250		pelow casing
	Depth drilled 210 it. Depth of compl	eted well 210 ft.
Diam. from ft. to ft. Gage ft. Gage	Formation: Describe color texture grain size	m and aquifer penetrated, tion. Report each change in
Type of perforator used	MATERIAL	From To SWL
Size of perforations in. by in.	brn sandy soil	0 1
perforations from ft. to ft		1 18
perforations from ft. to f	())	18 35
perforations fromft. tof		35 41
	blk sand (WB)	1:1 55
(7) SCREENS: Well screen installed? ☐ Yes ☐ No	green clay	55 68
Manufacturer's Name	blk sand & green clay (WB)	68 81
Type Model No	brn sandstone	81 108
Diam Slot size Set from ft. to ft.		108 181
Diam Slot size Set from ft. to f		181 191
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	green clay & numice (WB)	191 210 13
Was a pump test made? Yes No If yes, by whom?		
d: gal./min. with ft. drawdown after hr	S	
" "		
"Blowing 1200 "GPM"	,	
Bailer test gal./min. with 30 ft. drawdown after 1 hr	- <u>f</u>	
perature of water 5/1. Depth artesian flow encountered f	t. Work started 5/13 19.76 Complete	. F/07 : +05/C
(9) CONSTRUCTION:	Work started 5/13 19 76 Complete Date well drilling machine moved off of well	ed 5/23 1976 5/23 1976
a om on t	Drilling Machine Operator's Certification:	
18	This wall was constructed under mer	direct supervision
wen sealed from land surface to	" Materials used and information reported	above are true to my
Diameter of well bore to bottom of seal 18 in.	best knowledge and belief.	(/45 50
Diameter of well bore below seal18 in. Number of sacks of cement used in well seal16 sack	[Signed] W. W. Williams (Drilling Machine Operator)	Date 0/15 19/6
No. 2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Drilling Machine Operator's License No.	864
Number of sacks of bentonite used in well seal sack Brand name of bentonite		
Number of pounds of bentonite per 100 gallons	Water Well Contractor's Certification:	
of water	This well was drilled under my jurisdi	ction and this report is
Was a drive shoe used? Yes No Plugs Size: location f	true to the best of my knowledge and bel	ef.
Did any strata contain unusable water? Yes No		(Three on maint)
	5626 NW Covner Redmor	(Type or print) 1d, Ore
Type of water? depth of strata	Address	***************************************
Method of sealing strata off	[Signed] the physics	
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	(Water Well Contr	·
Gravel placed from ft. to ft.	Contractor's License No. 595 Date	6/15 , 19 76

NOTICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be

Method of sealing strata off

Was well gravel packed?

Yes

No

WATER WELL REPORT GEIVED

filed with the STATE OF	OREGON ALLO TO ACCUSTATE Well No		
	AUU Let 19/1929	76c/1,11-1=	
within 30 days from the date of well completion. (Do not write also	pove this line) State Permit N	· 265/14E7	
of wen completion. (Do not write an	Est. Victoria	/	
(1) OWNED.			
(1) OWNER:	(10) LOCATION OF WELL:		
Name Ken Kruse	County Lake Driller's well nu		
Address Fort Rock Oregon	NW 1/4 SE 1/4 Section 13 T. 26S	R. 14E W.	
(A) MITTER OF WART (I I I)	Bearing and distance from section or subdivisi	on corner	
(2) TYPE OF WORK (check):	1340' N & 1340 ' W of SE co	rner Sec 13	
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐			
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	ell.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found		
Rotary			
Capte Jerred	1	1,,	
Bored Irrigation Test Well Other	Artesian pressure lbs. per squar	e inch. Date	
(5) CASING INSTALLED: Threaded Welded	(12) WELL LOG: Diameter of well h	0	
	Diameter of well t	pelow casing	
ft. to ft. Gage	Depth drilled 305 ft. Depth of compl		
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size a and show thickness and nature of each strature.		
	with at least one entry for each change of format	tion. Report each change	
(6) PERFORATIONS: Perforated? \(\subseteq \text{ Yes} \subseteq \text{No.}	position of Static Water Level and indicate prin	cipal water-bearing strat	
Type of perforator used	MATERIAL	From To SWL	
Size of perforations in. by in.	congl (WB)	210 215	
perforations from ft. to ft.	brkn gray rock (WB)	215 305 13	
perforations from ft. to ft.	Star Star (ND)		
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. 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.			
" " " "			
" Blowing 1500 GPM 7! " 1 "			
Bailer test gal./min. with ft. drawdown after hrs.			
sian flow g.p.m.			
Temperature of water 60 Depth artesian flow encountered ft.	West started 57 (O. 10.57 C. C. 11.	1 - 1 - 1 - 1	
10 Checomittee	Work started 7/9 19 76 Complete	4:	
(9) CONSTRUCTION:	Date well drilling machine moved off of well	7/16 197	
Well seal-Material used grout undistrubed	Drilling Machine Operator's Certification:		
Well sealed from land surface to ft.	This well was constructed under my	direct supervision	
Diameter of well bore to bottom of sealin.	Materials used and information reported best knowledge and belief.	above are true to m	
Diameter of well bore below seal	[Signed] (1) 1. Williams	Date <u>8/10</u> , 19.7	
Number of sacks of cement used in well seal sacks	(Drilling Machine Operator)	•	
Number of sacks of bentonite used in well sealsacks	Drilling Machine Operator's License No.	86.4 ₋	
Brand name of bentonite	Water Well Contractor's Certification:		
Number of pounds of bentonite per 100 gallons	Tipes.	-4*	
of water lbs./100 gals.	This well was drilled under my jurisdi true to the best of my knowledge and beli	ction and this report i lef.	
Was a drive shoe used? Yes No Plugs Size: location ft.	Name Crawford Well Drillin		
Did any strata contain unusable water? ☐ Yes ☐ No	(Person, firm or corporation)	(Type or print)	
Type of water? depth of strata	Address 3626 NW Coyner Redmond	i, Ore	

Size of gravel:

[Signed]

Contractor's License No. 595

Well Contractor)