The original and first copy WATER WELL REPORT

Was well gravel packed? 🗋 Yes 🏧No 🥏 Size of gravel: .

Gravel placed from ...... ft. to ..... ft.

of this report are to MAR 2 2 1971

STATE OF OREGON

STATE EXGINEER, SALEM OREGON 97310 (Please type or print) within 30 days from the date | E | N C | N E | Do not write above this line) State Permit No. of well completion. SALEM OF THE 6-5096 well No.1 (11) LOCATION OF WELL: (1) OWNER: Sand Ranch Well Driller's well number No. 1 Name L.D., Corrine, & Rosella Lindsay County Morrow Address Lindsay Ranch, Lexington, Ore. 97835 SW 1/4 Section 23 T. 2N R. Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): 1,720.0 ft. east and 1,562.1 ft. north New Well 🔀 Reconditioning [ Abandon [ Deepening [ of S.W. corner of Sec. 23, T.2N., R. 26 E.W.M. If abandonment, describe material and procedure in Item 12. (3) TYPE OF WELL: (4) PROPOSED USE (check): (12) WELL LOG: Diameter of well below casing ..... Rotary [ Driven [ Depth drilled 1.145 ft. Depth of completed well 1.145 Jetted [ Cable Dug Irrigation X\_Test Well Other Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, CASING INSTALLED: Threaded | Welded | X with at least one entry for each change of formation. Report each change 16 "Diam from 0 ft to 188!2" ft Gage 250 in position of Static Water Level as drilling proceeds. Note drilling rates. MATERIAL 10. " Diam. from ........880. ft. to 1,130..... ft. Gage ....250 10 Sandy Loam 10 28 Small Gravel **PERFORATIONS:** Perforated? | Yes XX No. 28 80 Cement Gravel Type of perforator used Brown Sand & Small Boulders 80 1.09 Size of perforations in. by Blue Clay & Med. Gravel 1.09 <u> 167</u> ..... perforations from ...... ft. to ..... ft. Broken Blue Basalt 167 176 ...... perforations from ...... ft. to ...... ft. Blue Basalt 176 209 ..... perforations from ...... ft. to ...... ft. Gray Basalt (Hard) 209 230 perforations from ft. to ft. 230 246 Soft Reddish-Brown Basalt \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Blue Basalt 21,6 Blue Baslat (Soft) 324 **FO3** (7) SCREENS: Well screen installed? ☐ Yes ∑CNo Gray Basalt Med. Hard 409 Manufacturer's Name Gray Basalt Hard 444 451 451 522 Blue Basalt Diam. Slot size Set from ft. to ft. 522 545 Blue Basalt Diam. ..... Slot size ...... Set from ..... ft. to .... ft. 545 564 Grav Basalt Hard 564 (8) WATER LEVEL: Completed well. Broken Hard Gray Basalt 613 Soft Gray Rock 613 70山 2<u>1</u>1. Static level ft. below land surface Date 2/20/71Rlue Rasalt 70년 717 sian pressure lbs, per square inch Date 791 717 Rlue Rasalt Soft Drawdown is amount water level is lowered below static level (9) WELL TESTS: Grav Basalt 79/1 823 823 Was a pump test made? flyes 🗌 No If yes, by whom? Tayne Blue Black Basalt 902 Work started 3/31/70 Completed 20 Feb 197] field: 3.260 gal./min. with 34 ft. drawdown after 8 hrs. Date well drilling machine moved off of well 19 71 **Drilling Machine Operator's Certification:** This well was constructed under my direct supervision. Mate-Bailer test no gal./min. with ft. drawdown after rials used and information reported above are true to my best knowledge and belief. Artesian flow g.p.m. Date Temperature of water 76 Was a chemical analysis made? 

Yes XXNo Date 19 Mar. 19 71 (10) CONSTRUCTION: Drilling Machine Operator's License No. 138 Cement Well seal-Material used ..... Water Well Contractor's Certification: 50 This well was drilled under my jurisdiction and this report is Diameter of well bore to bottom of seal . true to the best of my knowledge and belief. Were any loose strata cemented off? Tyes MNo Depth ...... NAME Thomas R. Ruther
(Person, firm or corporation) (Type or print) Was a drive shoe used? ∑XYes □ No Did any strata contain unusable water? 

Yes XXNo Address 1421 *M*al∕ia Walla, Wash, 99362 depth of strata Type of water? Method of sealing strata off

Contractor's License No.374 Date 19 Mar. 19 71

# NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to the MAR 2 2 1971 MAR 2 2 1971 STATE OF OREGON

(1) OWNER:

(11) LOCATION

order 1			
Page 2 of 2	NZ	6-23	CCC CCC
State Permit No			
OF WELL:			
Driller's well nu	mber		
Section T.	R.		W.M.
rom section or subdivision	n corner		
			·
: Diameter of well b	elow cas	ing	******
ft. Depth of comple	eted well		ft.
olor, texture, grain size and nature of each stratu- for each change of form ater Level as drilling pro-	m and a ation. Re	quifer pe eport eac	netrated, h change
ERIAL	From	То	SWL
aselt	902	926	
ard	926	974	
salt	974	1017	

Name L.D., Corrine, & Rosella Lindsay	County Driller's well number	<del></del>
Address Lindsay Ranch, Lexington, Ore. 97835	14 14 Section T. R.	W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner	
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐	1	
If abandonment, describe material and procedure in Item 12.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(40) THEFT TOC	
Rotary Driven Demostic Dindustrial Municipal	Diameter of went below cashing	gft.
Cable	Depth drifted It. Depth of completed with	
CASING INSTALLED:Threaded [] Welded []	Formation: Describe color, texture, grain size and structure and show thickness and nature of each stratum and aquive with at least one entry for each change of formation. Replacement in position of Static Water Level as drilling proceeds. Not	ifer penetrated, ort each change
	MATERIAL From	To SWL
" Diam, from ft. to ft. Gage	Broken Blue Baselt 902	926
PERFORATIONS: Perforated?   Yes   No.	Gray Basalt Hard 926	974
	Hara Day and	1017
Type of perforator used	aray pasare	1043
Size of perforations in. by in.		1069
perforations fromft. to		1103   223
perforations from		11/15
perforations from ft. to perforations from ft. to		1145
perforations from ft. to		
(7) SCREENS: Well screen installed?   Yes   No		
Manufacturer's Name		
Type Model No.		
Diam. Slot size Set from ft. to		
Diam. Slot size Set from ft. to	<u>ft.</u>	
(8) WATER LEVEL: Completed well.		
Static level ft. below land surface Date		
sian pressure lbs. per square inch Date		
(9) WELL TESTS: Drawdown is amount water level is lowered below static level		
Was a pump test made?   Yes   No If yes, by whom?	Work started 19 Completed	19
field: gal./min. with ft. drawdown after	hrs.  Date well drilling machine moved off of well	19
" "		
n n	Drilling Machine Operator's Certification: This well was constructed under my direct super	rvision Mate-
Bailer test gal./min. with ft. drawdown after	hrs. rials used and information reported above are tr	ue to my best
Artesian flow g.p.m. Date	knowledge and belief.	
Temperature of water Was a chemical analysis made?   Yes	No [Signed] Homes Machine Operator) Date3	3/19, 19.71
(10) CONSTRUCTION:	Drilling Machine Operator's License No138	
Well seal—Material used		
Depth of seal	This well was drilled under my jurisdiction and	d this report is
Diameter of well bore to bottom of seal in.	true to the best of my knowledge and belief.	
Were any loose strata cemented off? Yes No Depth	NAME Thomas R. Ruther (Person, firm or corporation) (Type	or print)
Was a drive shoe used?  Yes  No  Did any strata contain unusable water?  Yes  No		
1.42 444.	Address 1/21 Circle Dr. alla /alla,	Wn. 99302
Type of water? depth of strata	-   W VIII_	_
Method of sealing strata off	[Signed] Norsas fill Water Weil/Contractor)	
Was well gravel packed?  Yes No Size of gravel:	271. 2/10	10 7
Gravel placed from ft. to ft.	Contractor's License No. 314 Date 3/19	, 19
ATOMA A TATALONI	AL SHEETS IF NECESSARY)	

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grades to the control	- <i>レル</i> ノススピュッフ・リア
State Well No.	Ty you as coc
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		Sales A . 1 . 1
NOTICE TO WATER WELL CONTRACTOR		
The original and first copy of this report are to be WATER WE	LL REPORT	er personal En la Francia
filed with the STATE OF	OREGON State Well No. 2020E 23 3	څرد
	e or print)	
of well completion.	State Permit No.	
TO A CHANGE AND A SECOND OF THE SECOND OF TH	And the state of t	<del>-</del> ,
(1) OWNER:	(11) LOCATION OF WELL: Sand Rench tell	
Name (.). Corrine, h Rosella Lindsay	County POTTOW Driller's well number No. 1	
Address Lindsay Runch, Carington, Cre. 07835		<u>.M.</u>
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner 44. 1,720.0 ft. 8850 end 1,562.1 ft. north	
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐	of S.W. corner of Sec. 23, T.2N., R. 26 E.U.	<u> </u>
If abandonment, describe material and procedure in Item 12.	The second of the first of the second of the	110
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(12) WELL LOG: Diameter of well below casing 10"	<del></del>
Rotary Driven Domestic Industrial Municipal	Tours during 1 1/15 or many	
Dug Bored I Irrigation Test Well Other		ft.
CASING INSTALLED: Threaded   Welded	Formation: Describe color, texture, grain size and structure of materia and show thickness and nature of each stratum and aquifer penetrate	ed
" Dlam. from ft. to 188121 ft. Gage 250	with at least one entry for each change of formation. Report each chan in position of Static Water Level as drilling proceeds. Note drilling rate	ge '
"Diam. from ft. to 610 ft. Gage 611 216	MATERIAL Trom To SWI	<b>-</b> - ∵,
10 " Diam. from 680 ft. to 1,130 ft. Gage 250	Sandy to me some of 10	— "
(6) PERFORATIONS: Perforated? ☐ Yes ☐ No.	Manual Gravela de model de la 10 / 20 + 1	
of perforator used	Coment Gravel - Table 20 - 28 80 -	
Size of perforations in, by in,	Provin Sand & Small Houlders 80 109	را حرد (د
perforations from ft, to ft.	Blue Clay % Fed. Gravel 100 167	_ ' ' ' ` .
perforations from the to	Broken Blue Pasalt wish 167 176 209	<del></del>
perforations from tt. to tt.	Gray Bosalt (Hard) No. 200 200	
perforations from tt. to tt.	Soft Reddish-Brown Baselt 230 206	
perforations from tt. to tt.	the Blue of Basel by the season of the Blue of Basel by the season of the Basel by	
(7) SCREENS: Well screen installed? ☐ Yes ☐ No	Blue Bastate (Soft) 3-4 109 211	والمحاجبة والمسلط
Manufacturer's Name	Gray Boselt Hard Bard Bard hill 151	<u> </u>
Model No.	Gray Boselt Hards Alle 451   151   522	<del>~</del> ,.,4,
Diam. Slot size Set from ft. to ft.	Blue Basalt with Mark Transport 542 545	
Diam. Slot size Set from ft. to ft.	Gray Reselt Hard 545 50h	
(8) WATER LEVEL: Completed well.	Broken Hard Gray Basalt 564 613	
Static level 223 ft. below land surface Date 2/20/71	Soft Gray Rock 613 704 Phil	
an pressure lbs. per square inch Date	Blue Baselt Fort - 70h 70h	_ ;
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Gray Besst 794 823	<u>—</u>
Was a pump test made? Yes No If yes, by whom?	Blue : Block Bastlt 823 202	<del>-</del>
Weld: 1,260 gal./min. with 34 ft. drawdown after 8 hrs.	Work started 3/31/'0 19 Completed 20 Feb . 19 ?	<u>.</u>
	Date well drilling machine moved off of well 22 Feb. 19	$\Pi_{i,j_0}$
	Drilling Machine Operator's Certification:	
Bailer test 120 gal./min. with ft. drawdown after hrs.	This well was constructed under my direct supervision. Mate	B=
Artesian flow g.p.m. Date	rials used and information reported above are true to my be knowledge and belief.	s <b>t</b> .
Temperature of water 76 Was a chemical analysis made? Yes KNO		. j
	(Drilling Machine Operator)	
(10) CONSTRUCTION:	Drilling Machine Operator's License No. 138	ત્રાહ્યું છે. - કે કુંદ્રાહ્યું • •
Well seal-Material used		
Depth of seal ft.  Diameter of well bore to bottom of seal in.	Water Well Contractor's Certification:	
Were any loose strata cemented off? Yes No Depth	This well was drilled under my jurisdiction and this report true to the best of my knowledge and belief.	13 J
Was a drive shoe used?  Yes  No	NAME (Person, firm or corporation) (Type or print)	$\mathcal{D}_{i}$
Did any strata contain unusable water?  Yes No	(Person, firm or corporation) (Type or print)  Address	$\hat{\mathcal{A}}^{\prime} \times \hat{E}$
Type of water? depth of strata		tar
Method of sealing strata off	[Signed]	
Was well gravel packed?  Yes No Size of gravel:	[Signed] (Water Well Contractor)	
Gravel placed from tt. to ft	Contractor's License No. B.74 Date 19 No.	$I_{i,j}$

LAYNE PUMPS, INC. P. D. BOX 610 PASCO, WASHINGTON 99301

VERTICAL TURNINE PUMPS.

FACTORY BILANCH

PHONE 547-4132

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## RECEIVED MARS 1971 STATE ENGINEER SALEM OREGON

2M26-23 monon, L'exington, Oregon Tel, 26, 1971

Mr. Wm. S. Bartholomen, Geologist State Engineer's Office, Salem, Oregon
Ret: Your letter of Feb 12, 1971 re: Applic, No. 6-5096

Dear Mr. Bartholomew,

I am sorry for the delay in answering your letter. We recently completed the first two wells of our Sand Ranch Project (Applic. No. G-5096). The pump tests were surprisingly good, the drawdown was slight, and the recovery rate immediate. The well logs and the pump test results should be in your office within the next few days. Completed Wells

Well #1: NE/45W 4, Sec. 23, T-2N, R. 26E.

3,260 gpm from 257ft.; 1,145ft in depth

Driller: Thomas R. Ruther

1421 Circle Drive, Walla Walla, Wash, 99362

Well#2: 5E/45W/4, Sec. 10, T.Z. N, R. 26E,
3,298 gpm from 262ft; 1,104ft in depth

Driller: Paul Wachter, Rte. I, Box 133F5, Pendleton

(Operator of Lindsay Ranch owned well drill)

s In progress: Well#3: 5W/4NW/4, Sec, 3, T. ZN, R. 26 E.

Oriller: O.K. Smith, P.O. Box 179, Walla Walla, Wash.

Well#4: 5E/45W/4, Sec. 11, T. ZN. R. 26 E. Driller: Paul Wachter, Rte. 1, Box 133F5, Pendleton The well locations are identified on the verised map submitted to your office. We are happy to cooperate with your geologic studies in every way. If you have further questions, please let us know. Yours truly,

Lindsay Randow, Ore.

LIndsay Ranch Lexington, Oreg.