JUN-1 0 1959 WATER WELL REPORT (6303)

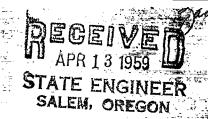
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State Permit No.

-27D(1)

6-1393

(1) OWNER:			(11) WELL TESTS: Drawdown is amount water level is lowered below static level		
Name Sandy Fa rms Address Sandy Ore Boring, Ore			Was a pump test made? Yes \[\] No If yes, by whom?		
Address - Option, Old Dollars, Old			Yield: 2.50 gal./min. with 70 ft. drawdow	n after	48 hr
			22 22 22		,,
(2) LOCATION OF WELL:			Bailer test gal./min. with ft. drawdow.	n ofter	hr
County CLACKAM 15 Owner's number, if any			Artesian flow g.p.m. Date	Taitei	
NW 14 NW 14 Section 27 T. 25 R. 4E W.M.			Temperature of water 5/ Was a chemical analysis made? Yes X N		
Bearing and distance from section or subdivis		·			
S 8/º E, 1312 FEET 1			(12) WELL LOG: Diameter of well		
GOENER OF SECTION	1 06/11 43)		Depth drilled 300 ft. Depth of completed w		
	* - <u>*</u>		Formation: Describe by color, character, size of materia show thickness of aquifers and the kind and nature of the color o	l and stru he mater	icture, an ial in eac
# 1	•		stratum penetrated, with at least one entry for each c	range of	formation
A series and series are series and series are series and series and series and series are series are series are series are series and series are series are series are series ar	, ay are an in the same of the first		MATERIAL	FROM	то
(3) TYPE OF WORK (check):			black soil	0	3
	, ,	ndon 🗌	red_clay	3	50
idonment, describe material and proces	dure in Item 11.	·	yellow sandy shale	50	135
ROPOSED USE (check):	(5) TYPE OF WE	CLL:	soap stone	135	145
Domestic Industrial Municipal	Rotary Drive		sandy shale	145	200
Irrigation Test Well Other	Cable A Jetted	a ⊟	Troutdale	200	245
Inigation All Test Well Li Other	Dug 🗆 Bored	1	Rhdadamdron	245 260	260 270
(6) CASING INSTALLED: THE	nreaded Welded		Whote Tale		
12 "Diam. from 1 ft. to	170 ft. Gage St	<u>d</u>	Grenn shale & Cla y	270	300
	ft. Gage		Owner requetated perferated ION P	ne he	מנומ
"Diam. from ft. to	ft. Gage		to bottom of Well and I2" pipe be	pulle	back
(E) DEDECOD AMEQUE			while pea gravel is fed threw I2	a nd	io
	erforated? Yes 🔲 I	No	WILL DOW STATES IN THE		· ·
Type of perforator used SIZE of perforations in. by	in.	*			
perforations from		ft.			
perforations from 22	0 # 10 280	#			
perforations from		ft.			
perforations from					
perforations from	the state of the s		·		ļ
			All		
CREENS: Well screen	installed 🗆 Yes 💢	No			
Manufacturer's Name					
· · · · · · · · · · · · · · · · · · ·	Model No		<u> </u>		
Slot size Set from		IL			
Slot size Set from		It.	Work started 19 Completed Me	а у 2	5 199
(9) CONSTRUCTION:			(13) PUMP:		
Was well gravel packed? X Yes □ No Size of gravel: 10.			Manufacturer's Name		
Gravel placed from D ft. to 250 ft.				H.P. Z)
Was a surface seal provided? Yes No To what depth? ft.					
Material used in seal—			Well Driller's Statement:		,
Did any strata contain unusable water?			This well was drilled under my jurisdiction a	nd this	report i
Type of water? Depth o	f strata		true to the best of my knowledge and belief.		
Method of sealing strata off			NAME Barron & Stra yer		
(10) WATER LEVELS:				pe or prin	it)
Static level 208 ft. below land surface Date 5-25			Address RtI box 254 Beaverton Ore		
Artesian pressure lbs. per square inch Date Driller's well number					
Log Accepted by:			[Signed] Value Marie		
[Signed Sunda Toryste Mlly 29, 1955]			(Well Driller)	************	
(Signed System)	1	10 rate of	License No. 36 bate May 25	46	, 1 5 2
XCLK WIT LATELANCES	(IISE ADDITE	TONAT. CT	FEBRU IN NECECCADV		



GROUND WATER BRANCH Box 3418-1001 NE. Lloyd Boulevard Portland 8, Oregon

April 10, 1959

Mr. John Rowell Route 3 - Box 173 Boring, Oregon

F. L

Dear Mr. Rowell:

In response to the recent inquiry by Mr. David Anderson of the Soil Conservation Service as to what information exists on ground water, presumably for irrigation, in the NWINWI sec. 27, T. 2 S., R. 4 E.:

Apparently this tract lies at about 850 feet altitude on the edge of a 200-foot bluff of Deep Creek Canyon. The geologic map on file here shows a well would pass through about 200 feet of older alluvium which is mostly clay. Below the older alluvium should lie a thickness of about 100 feet of interbedded gravel and clay strata of the Troutdale formation. Below about 350 feet depth a well might find several hundred feet of the Clackamas mudstone formation, which is mostly clay and soft shaly claystone. The Clackamas mudstone is probably at least 500 feet thick and lies on the Columbia River basalt.

Very small amounts of ground water may be perched in the upper 200 feet (of clayey material). Some ground water may be present in the gravelly layers of the Troutdale formation in the general zone of 200-250 feet depth. The Clackamas mudstone below about 250 feet probably does not contain significant amounts of ground water.

The Columbia River basalt yields water to wells but its top may be at least 700 feet below the surface.

The static level of water in a well tapping water in the Troutdale formation at this location would probably be at least 200 feet below the surface because of the draining of the water to the level of the nearby stream cannon. Small amounts of perched water in the clayey top 200 feet might have a higher static level.

The Troutdale gravels may yield sufficient water for a strong domestic well, but, as judged from the records of other wells in similar places, it is doubtful if they will yield water in irrigation quantities at this site.

Sincerely yours,

RCM:rls
cc: Hr. Stanley

R. C. Newcomb District Geologist