

UMAT
3092

WATER WELL DRILLERS REPORT
STATE OF OREGON

Do Not State Well No. 4N/35 - 22A (1)
Fill In State Permit No. _____

(1) OWNER:
Name Weston Cemetery Maintenance District No. 2
Address Weston, Oregon

(2) LOCATION OF WELL:
County Umatilla Owner's number, if any—
R. F. D. or Street No.
Bearing and distance from section or subdivision corner
666.5 Ft. S. and 319.65 Ft. W. from the N. E.
corner of Sec. 22, Township 4N, Range 35 EWM.
N.E. 1/4 of N.E. 1/4, Section 22,
Township 4 N., Range 35 EWM.

(3) TYPE OF WORK (check):
New well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic Industrial Municipal
Irrigation Test Well Other

(5) EQUIPMENT:
Rotary
Cable
Dug Well

(6) CASING INSTALLED:

FROM	ft. to	Diam.	Gage of well	Diameter of Bore	from ft.	to ft.
	0 ft. to 14 ft.	16"	Open			
	" 0 " 93'5"	" 12"	I.D.			
	" 0 " 759'2"	" 10"	I.D.			
	" 672 - 893	" 8"	Liner			

Type and size of shoe or well ring _____
Describe joint _____

(7) PERFORATIONS:

SIZE of perforations	in., length, by	in.
FROM ft. to ft.	perf per foot	No. of rows
" " " "	" " " "	" " "
" " " "	" " " "	" " "
" " " "	" " " "	" " "

SCREENS:
Give Manufacturer's Name, Model No. and Size

(8) CONSTRUCTION:
Was a surface sanitary seal provided? Yes No To what depth _____ ft.
Were any strata sealed against pollution? Yes No
If yes, note depth of strata
FROM _____ ft. to _____ ft.

METHOD OF SEALING

(9) WATER LEVELS:
Depth at which water was first found 270' ft.
Standing level before perforating _____ ft.
Standing level after perforating 4/8/55 - 252.6' SWL ft.
Log Accepted by Secretary of District
[Signed Walter Rayburn Dated 3/7, 1958
Owner

(10) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: - 50 gal./min. with Dry ft. draw down after 15 min.
" 166 " 105' " 6 hrs.
" 11/26/54 and 4/8/55 " "
Artesian flow _____ g.p.m.
Shut-in pressure _____ lbs. per square inch.
Bailer test _____ g.p.m. with _____ ft. drawdown
Temperature of water _____ Was a chemical analysis made? Yes No
Was electric log made of well? Yes No

(11) WELL LOG:
Diameter of well, 16 x 12 x 10 x 8" inches.
Total depth 1000 ft. Depth of completed well 1000 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.

0 ft. to	9 ft. Top soil & loose rock
9 "	49 " Dark med. soft broken basalt
49 "	55 " Soft dark porous lava rock
55 "	92 " Med. hard dark broken basalt
92 "	96 " Med. hard dark basalt
96 "	105 " Med. hard dark broken basalt
105 "	139 " Med. soft muddy broken basalt
139 "	150 " Med. hard dark broken basalt
150 "	164 " Hard grey basalt
164 "	171 " Med. soft dark broken basalt
171 "	198 " Soft muddy broken basalt
198 "	203 " Med. hard dark basalt
203 "	208 " Med. dark muddy broken basalt
208 "	233 " Muddy reddish brown clay & rock
233 "	245 " Med. hard purple basalt
245 "	297 " Med. hard dark broken basalt
297 "	330 " Med. hard dark basalt
330 "	368 " Med. soft red clay & rock
368 "	392 " Med. dark basalt
392 "	402 " Hard dark basalt; SWL: 263'
402 "	412 " Hard grey basalt
412 "	423 " Med. hard grey basalt
423 "	472 " Med. hard dark broken basalt
472 "	488 " Med. soft broken brown rock & clay
488 "	506 " Hard dark basalt
506 "	542 " Med. hard dark broken basalt
542 "	553 " Hard dark basalt

" " (cont. on attached sheet)
Ground elevation at well site _____ feet above mean sea level.
Work started July 19 19 54 Completed March 26, 55

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME A. A. Durand & Son
(Person, firm, or corporation) (Typed or printed)
Address P. O. Box 437, Walla Walla, Wash.
Driller's well number 19
[Signed] Paul Durand
(Well Driller)
License No. 19 Dated 3/7, 1958

Weston Cemetery Maintenance District

	DIAM.	DEPTH		FT.	SWL	FORMATIONS & CONTENTS - WORK
		FROM	TO			
		553	563	10	263'	Hard dark broken basalt; caving on bottom
		563	580	17		Hard grey basalt
Bailer test		580	596	16	255'	② 582'. Med. hard dark broken basalt; caving on bottom; cemented hole.
		596	631	35		Med. hard dark broken basalt
		631	641	10		Very muddy broken brown rock
		641	653	12		Med. hard dark broken basalt; hole caving; cemented
		653	668	15		Med. hard dark basalt
		668	682	14		Hard dark basalt
Pump test		682	697	15		Med. red rock & clay. Pump Test No. 1; broke suction @ 355'; less than 50 GPM; ② 697' drilled depth, 12" drilling.
		697	701	4		Med. soft dark broken rock
		701	735	34		Med. hard dark muddy broken basalt
		735	738	3		Hard grey basalt
10" casing 12/28/54		738	746	8		Med. hard dark muddy broken basalt
759' 2" total 10"		746	766	20		Med. hard dark broken basalt
		766	788	22	295'	Hard dark broken basalt
		788	823	35	280'	② 817'. Hard dark basalt
		823	830	7		Med. dark basalt.
		830	844	14		Med. dark muddy broken basalt
		844	854	10		Hard dark basalt
		854	886	32		Med. soft dark muddy broken basalt
8" liner 872 - 893' 2/25/55		886	893	7		Soft dark rotten rock & clay
	8"	893	902	9		Hard dark basalt
		902	910	8		Med. soft brown broken basalt
		910	915	5	255'	Hard dark broken basalt
		915	934	19		Med. hard dark broken basalt with clay

	DIAM.	DEPTH		FT.	SPL.	FORMATIONS & CONTENTS - WORK
		FROM	TO			
		954	967	33	255'	Hard dark basalt
		967	969	2		Soft dark broken basalt
		969	973	4		Med. hard dark basalt
3/26/55		973	1000	27		Hard grey basalt
Pump Test # 2						Pump Test No. 2 @ drilled depth 1000'
DRILLING and CASING LOG:						
		0	14	14'		16" O. D. x 3/8" well casing
		14	93'5"			15" I. D. open rock drill hole
		0	93'5"	93'5"		12" I. D. Std. pipe welded
		0	93'5"			Continuous annular grout seal between 16" and 12" casings
		93'5"	758'			12" I. D. open rock drill hole
		0	758'			10" I. D. Std. pipe welded
		758'	893'			10" I. D. Open rock drill hole
		672'	893'	221'		8" I. D. Std. pipe, welded (liner)
		893'	1000'			8" I. D. open rock drill hole.
						Pump Test No. 2 - Final, for 10 hrs.