

STATE ENGINEER  
Salem, Oregon

WASCO

OBSERVATION WELL  
Well Record

STATE WELL NO. 1N/13-32G(1)  
COUNTY Wasco  
APPLICATION NO. G-8

002662

OWNER: Milton F. Martin

MAILING ADDRESS:

LOCATION OF WELL: Owner's No. 1

CITY AND STATE: The Dalles, Oregon

SW 1/4 NE 1/4 Sec. 32 T. 1 N. R. 13 E. W.M.

Bearing and distance from section or subdivision corner S 44°33' W -2,657 feet from NE corner Section 32


Altitude at well 1180+

TYPE OF WELL: drilled Date Constructed Nov. 1946

Depth drilled 336 Depth cased 240

Section 32

CASING RECORD:

43.25 feet of 8-inch casing set in 1946  
Packer set at 240 feet in 1949 to prevent leakage that had developed between aquifer and bottom of 8-inch casing. Cased with 6-inch I.D. casing from surface to packer.

FINISH:

open hole below 240 feet.

AQUIFERS:

Basalt from 312 to 336 feet

WATER LEVEL:

144.72 feet above land surface, March 15, 1948

PUMPING EQUIPMENT: Type Turbine H.P. 75  
Capacity G.P.M. Offset from 2311 to boost head

WELL TESTS:

Drawdown ft. after hours G.P.M.  
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation 355-acres Temp. 81 °F., 19

SOURCE OF INFORMATION U.S.G.S. Application file, Driller, Owner.

DRILLER or DIGGER Dorin Wilburn

ADDITIONAL DATA:

Log  Water Level Measurements  Chemical Analysis  Aquifer Test

REMARKS:

Water hardness 55 p.p.m., chloride 4 p.p.m.

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## Well Log

Owner: Milton F. Martin Owner's No. #1

Driller: Dorin Wilburn Date Drilled Nov. 1946

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Sandstone, hard	0	21	21
Sandstone, soft	21	26	5
Sandstone, hard	26	81	55
Rock, broken, some water	81	102	21
Soapstone and clay	102	118	16
Rock, broken	118	126	8
Soapstone	126	135	9
Basalt, hard, black	135	144	9
Clay, sticky	144	147	3
Rock, hard	147	156	9
Rock, broken	156	178	22
Clay, sticky	178	196	18
Rock, broken	196	212	16
Soapstone and rock, caving	212	215	3
Soapstone	215	222	7
Shale, black and green	222	245	23
Basalt, black	245	252	7
Basalt, green	252	292	40
Basalt, broken	292	297	5
Shale, green	297	301	4
Rock, black, water level rose from 34' to 22' below land surface	301	312	11 <sup>2nd</sup>

