

STATE ENGINEER
Salem, Oregon

WASCO

**OBSERVATION WELL
Well Record**

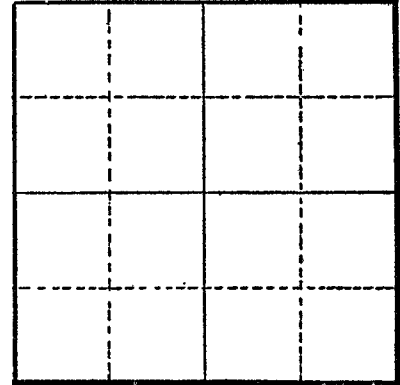
STATE WELL NO. 1N/13-4F(1)
COUNTY Wasco
APPLICATION NO. _____

002428

OWNER: The Dalles MAILING ADDRESS: _____
CITY AND STATE: _____
LOCATION OF WELL: Owner's No. _____

SE 1/4 NW 1/4 Sec. 4 T. 1 N. S., R. 13 E. W., W.M.

Bearing and distance from section or subdivision corner _____



Section 4

Altitude at well 189.6

TYPE OF WELL: Drilled Date Constructed 1954

Depth drilled 291 Depth cased 137

CASING RECORD:

18-inch from 0 to 137 feet, cemented at bottom.
(Fill placed around well and unknown length of casing added to top.
Original land surface approximately 8' below street level.)

FINISH:

Open well below casing

AQUIFERS:

Basalt from 234 to 272 feet

WATER LEVEL:

118' below top of casing

PUMPING EQUIPMENT: Type Turbine H.P. _____
Capacity _____ G.P.M.

WELL TESTS:

* Drawdown 7 ft. after _____ hours pumping 1,000 G.P.M.
Drawdown 12 1/2 ft. after _____ hours pumping 1,400 G.P.M.

USE OF WATER Public supply Temp. _____ °F., 19 _____

SOURCE OF INFORMATION

DRILLER or DIGGER R. J. Strasser Drilling Co.

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test _____

REMARKS:

- * Drawdown 16 feet pumping 1,600 gpm
- Drawdown 18.5 feet pumping 1,800 gpm
- Drawdown 23 feet pumping 2,000 gpm
- Drawdown 25.5 feet pumping 2,200 gpm
- Drawdown 30 feet pumping 2,500 gpm

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State Well No. 1N/13-4F(1)
County Wasco
Application No. G-23

Well Log

Owner: The Dalles Owner's No. Jordan St.

Driller: R. J. Strasser Drilling Co. Date Drilled 1954

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil and sand	0	8	8
Gray basalt boulders and sand	8	16	8
Basalt, hard, broken gray	16	27	11
Rock, porous black, brown clay in seams	27	36	9
Basalt, black, blue clay in seams	36	43	7
Basalt, hard gray	43	48	5
Basalt, medium hard gray	48	64	16
Basalt, hard, gray	64	73	9
Basalt, medium hard gray, water at 78' porous	73	83	10
Basalt, hard, gray	83	87	4
Rock, porous, gray, more water	87	93	6
Basalt, very hard, gray	93	102	9
Basalt, medium, gray	102	104	2
Basalt, porous, gray, some blue clay in seams and hard streaks varying from 4" to 6" thick in lenses 2' to 4' apart	104	141	37
Basalt, gray	141	166	25
Rock, brown	166	171	5
Rock, hard gray	171	234	63
Rock, black, porous, with some water	234	236	2
Basalt, black, water bearing	236	272	36
Basalt, medium hard, gray	272	283	11
Basalt, broken, gray, caving	283	291	8