

STATE ENGINEER  
Salem, Oregon

WASCO  
002431

OBSERVATION WELL  
Well Record

STATE WELL NO. 1N13-4P(E)  
COUNTY Wasco  
APPLICATION NO. U-135

cdb

PERMIT U-127

OWNER: The Dalles

MAILING  
ADDRESS:

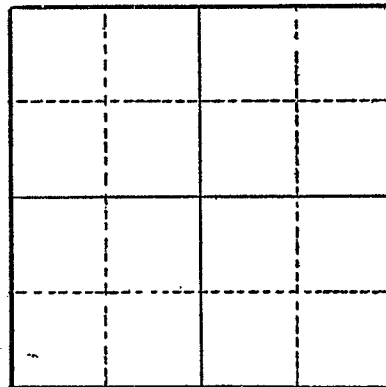
LOCATION OF WELL: Owner's No. Marx Well

CITY AND  
STATE:

The Dalles, Oregon

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

Bearing and distance from section or subdivision  
corner



Section 4

Altitude at well

TYPE OF WELL: drilled Date Constructed 1931

Depth drilled 570 Depth cased 116

CASING RECORD:

12"- set to 116'

FINISH:

open hole

AQUIFERS:

Basalt

WATER LEVEL: 217 feet - 1931

February 9 or 10, 1959, water level 238' below L.S.D.

PUMPING EQUIPMENT: Type B. J. Submersible 8" H.P. 125  
Capacity 1,200 G.P.M.

WELL TESTS:

Drawdown 4 ft. after 50 hours pumping 1200 G.P.M.

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

USE OF WATER Municipal Temp. \_\_\_\_\_ °F., 19

SOURCE OF INFORMATION U-135

DRILLER or DIGGER W. Wilburn

ADDITIONAL DATA:

Log  Water Level Measurements \_\_\_\_\_ Chemical Analysis  Aquifer Test \_\_\_\_\_

REMARKS:

STATE ENGINEER  
Salem, Oregon

cdb

State Well No. 1N/13-4E(1)  
County Wasco  
Application No. U-135

## Well Log

Owner: City of The Dalles Owner's No. Marx Well

Driller: W. Wilburn Date Drilled 1931

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
No record	0	116	116
Basalt, black	116	124	8
Basalt, gray, hard	124	135	11
Clay, blue, water bearing	135	138	3
Shale, blue, water bearing	138	161	23
Clay, blue, water bearing	161	165	4
Shale, and clay, blue <del>shale, and clay, blue</del>	165	176	11
Shale, blue, streaks of basalt	176	190	14
Basalt, blue and gray	190	226	36
Basalt, black	226	237	11
Shale, blue	237	256	19
Shale, brown	256	266	10
Basalt, black	266	292	26
Basalt, black, porous, waterbearing, water level dropped from 36' to 215 feet.	292	296	4
Basalt, gray	296	325	29
Basalt, blue	325	331	6
Basalt, black	331	344	13
Basalt, gray	344	400	56
Basalt, blue	400	427	27
Basalt, black	427	445	18
Basalt, blue	445	464	19
Cavity, water bearing, cuttings washed away	464	466	2

