

STATE ENGINEER  
Salem, Oregon

OBSERVATION WELL  
**WASC WASW219 Record**  
002598

STATE WELL NO. 1N/13-18M(1)  
COUNTY Wasco  
APPLICATION NO. U-529, U-10

OWNER: Gladys L. Rogers The Pines

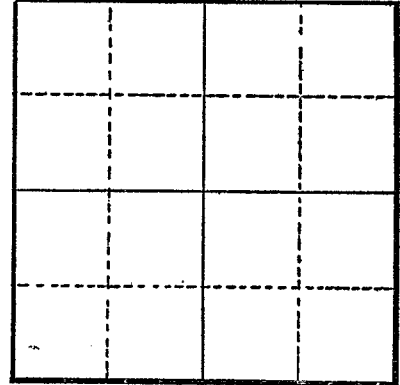
MAILING  
ADDRESS: .....

LOCATION OF WELL: Owner's No. ....

CITY AND  
STATE: .....

NW 1/4 SW 1/4 Sec. 18 T. 1 N. X, R. 13 E. X, W.M.

Bearing and distance from section or subdivision  
corner .....



Section 18

Altitude at well 421.4

TYPE OF WELL: drilled Date Constructed 1952-53

Depth drilled 433 Depth cased .....

CASING RECORD:

8-inch

FINISH:

AQUIFERS:

Basalt

WATER LEVEL: 130 lbs.

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

WELL TESTS:

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

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

USE OF WATER Irrigation Temp. 78 °F. Reported, 19.....

SOURCE OF INFORMATION U-529

DRILLER or DIGGER Dorin Wilburn

ADDITIONAL DATA:

Log X..... Water Level Measurements ..... Chemical Analysis ..... Aquifer Test .....

REMARKS: Flows approx. 440 g.p.m.



# WASC 2598

DORIN WILBURN	« Well Drilling Contractor »	« » »
farm wells	irrigation wells	test holes
518 W. 7th Street	The Dalles, Oregon	Telephone 3729

---

LOG  
 PINES WELL  
 COMPLETED MARCH 1953

0	to	36	feet.	Gravel, boulders.
36		147		Sandstone, dense.
147		198	:	Blue clay (Joint clay 181-198) <i>(copy 181-198)</i>
198		235	:	Basalt, blue. Hard and soft streaks. Angled formation. Cemented at 230 feet. Filled to 200 with sand and 25 sacks filled to 140. (230-250 bad bind.) Cemented for joint clay.
235		266		Rock and clay (black basalt and green clay)
266		287		Basalt, grey. H.
287		311		Black basalt with some clay - water over top from 27 ft. level at 302. Set 8" pipe at 68 ft, and cemented in with 22 sacks cement. <i>(Have 290-295 joint 360/0)</i>
311		322		Basalt, grey. H.
322		343		Red basalt turning to black. Water increased from 5 to 25 gpm at 322 between red and grey rock (black rock at 333) At 336 seam water increased to around 75 GPM.
343		364		Black basalt, dense.
364		396		Black basalt, seamy. At 377 water increased more. Increased in seams to around 300 gpm at 397.
397		430		Black basalt, hard streaks with honeycomb layers. Increase in water between 420-430 to final flow of around 450 gpm.
430		433		Basalt, grey.

Hole 8" diameter - cased to 68 feet.

*Artesian pressure 128 lbs.*