

NOTE: The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

UMAT  
3715

WATER WELL REPORT

STATE OF OREGON (Please type or print) STATE ENGINEER SALEM, OREGON

JUN 23 1975

State Well No. 5N/29E-28

State Permit No.

(Do not write above this line)

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(1) OWNER:

Name L.G. & Alice Marks  
Address P.O. Box J  
Hermiston, Oregon 97838

(2) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary  Cable  Dug  Driven  Jetted  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal  Irrigation  Test Well  Other

CASING INSTALLED:

Threaded  Welded   
12" Diam. from 0 ft. to 20 ft. Gage 250  
" Diam. from " ft. to " ft. Gage "  
" Diam. from " ft. to " ft. Gage "

PERFORATIONS:

Perforated?  Yes  No.  
Type of perforator used \_\_\_\_\_  
Size of perforations in. by in.  
perforations from " ft. to " ft.  
perforations from " ft. to " ft.  
perforations from " ft. to " ft.

(7) SCREENS:

Well screen installed?  Yes  No  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. Slot size Set from " ft. to " ft.  
Diam. Slot size Set from " ft. to " ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom?  
Yield: gal./min. with " ft. drawdown after " hrs.  
" " " " " " "  
" " " " " " "  
Baker test 1000 gal./min. with 380 ft. drawdown after 1 hrs.  
Artesian flow g.p.m.  
Temperature of water Depth artesian flow encountered " ft.

(9) CONSTRUCTION:

Well seal—Material used Cement  
Well sealed from land surface to 20 ft.  
Diameter of well bore to bottom of seal 16 in.  
Diameter of well bore below seal 12 in.  
Number of sacks of cement used in well seal 8 sacks  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons of water \_\_\_\_\_ lbs./100 gals.  
Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number \_\_\_\_\_  
1/4 Section 28 T. 5N, R. 29E, W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found 111 ft.  
Static level 65 ft. below land surface. Date 6-13-75  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing 12" to 40" to 55"  
Depth drilled 555 ft. Depth of completed well 555 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Topsoil	0	2	
Claystone & gravel	2	14	
Rock, med. blk ch	14	25	
Basalt, black	25	105	
Basalt, hard, gray	105	111	
Rock, brown	111	127	W.B.
Basalt	127	162	
Rock, black + blue claystone	162	174	W.B.
Rock, dark firm, blue claystone	174	189	W.B.
Rock, med. black	189	203	W.B.
Basalt, hard	203	249	
Rock, black + green claystone	249	261	W.B.
Basalt, hard gray	261	303	
Rock, med. black	303	327	
Basalt, hard, gray	327	355	
Rock, med. black	355	359	
Basalt, black	359	445	
Rock, black	445	452	W.B.
Basalt, hard, gray	452	487	

Work started 5-27 1975 Completed 6-13 1975  
Date well drilling machine moved off of well 6-13 1975

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] James T. Laid Date 6-13, 1975  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 665

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name TROY GRIFFIN (Type or print)  
Address 900 HERMISTON AVE, HERMISTON ORE  
[Signed] Troy Griffin (Water Well Contractor)  
Contractor's License No. 65 Date 6-13, 1975

