

JUL 1 - 1976

State Well No. 5N-28E-34

State Permit No. bd

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date
of well completion.

UMAT
3574

(Do not write above this line)

WATER RESOURCES DEPT.

(1) OWNER:

Name Messie Hamilton
Address P.O. Box 673
Hamilton 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 Aug Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
6" Diam. from 0 ft. to 171 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?

Well: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " " " "
" " " " " "
Pump test 45 gal./min. with 195 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 & bentonite
Well sealed from land surface to 171 ft.
Diameter of well bore to bottom of seal 9 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 4 sacks
Number of sacks of bentonite used in well seal 1 sacks
Brand name of bentonite National
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 _____
SE 1/4 & SW 1/4 Section 34 T. 57. R. 28 E. W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 92 ft.
Static level 55 ft. below land surface. Date 6-25-76
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 300 ft. Depth of completed well 300 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	
Sand, blue	2	49	
Sand, coarse, gray	49	68	
Claystone, yellow + blue	68	92	
Claystone, blue + gravel	92	114	W.B.
Sand, coarse blue + gravel	114	133	W.B.
Claystone, blue	133	152	
Rock, med. black	152	165	
Rock, dark brown	165	185	W.B.
Basalt, light	185	281	
Basalt, hard, gray	281	289	
Rock, dark brown	289	300	W.B.

Work started 6-23 1976 Completed 6-25 1976
Date well drilling machine moved off of well 6-25 1976

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 Litch Date 6-25, 1976
(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)
(Person, firm or corporation)

Address 900 HERMISTON AVE. HERMISTON, ORE

[Signed] Troy Griffin
(Water Well Contractor)

Contractor's License No. 65 Date 6-25, 1976