

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310
within 30 days from the date of well completion.

UMAT
2570

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

JUN - 6 1977 State Well No.

4N/28E-236

(Do not write above this line)

WATER RESOURCES DEPT
SALEM, OREGON State Permit No.

Page 1

(1) OWNER:

Name Oregon State University
Address Columbia Basin Research Center
P.O. Box 105, Hermiston, Oregon 97138

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
10" Diam. from 0 ft. to 232 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) 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.
" " " " " "
" " " " " "
air test 1000 gal./min. with 383 ft. drawdown after 1 1/2 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 232 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 145 sacks
How was cement grout placed? Pressure grouted
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 N.W. 1/4 Section 23 T. 4N. R. 28E. W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 45 ft.
Static level 262 ft. below land surface. Date 4-29-77
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10" to 6.45" to 375'

Depth drilled 875 ft. Depth of completed well 875 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 + boulders	0	3	
Gravel + boulders	3	45	
Claystone + gravel	45	52	W.B.
Claystone, yellow	52	97	
Rock, med. black	97	110	
Claystone, gray + brown rock	110	165	W.B.
Claystone, blue	165	205	
Rock, med. black + blue claystone	205	255	
Basalt, hard, gray	255	275	
Basalt, black	275	349	
Basalt, hard, gray	349	355	
Rock, black + gray claystone	355	373	
Basalt	373	410	
Rock, med. black + green claystone	410	447	
Basalt, black	447	459	
Rock, brown + blue claystone	459	471	
Basalt	471	522	
Basalt, hard, gray	522	591	
Basalt, black	591	616	

Work started 4-12 1977 Completed 4-29 1977

Date well drilling machine moved off of well 5-2 1977

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 4-29, 1977
(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
(Person, firm or corporation) (Type or print)

Address 900 HERMISTON AVE HERMISTON, ORE

[Signed] Troy Griffin
(Water Well Contractor)

Contractor's License No. 65 Date 5-2, 1977

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RECEIVED WATER WELL REPORT

RECEIVED

JUN - 6 1977

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
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JUN 27 1977

STATE OF OREGON

(Please type or print)

WATER RESOURCES DEPT.

SALEM, OREGON

State Well No.

State Permit No.

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Page 2

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10" Diam. from 0 ft. to 232 ft. Gage, 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

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Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
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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? Fermac
Yield: 1000 gal./min. with 18 ft. drawdown after 6 hrs. 6-23-77
" " " " " "
" " " " " "
Pump test 1000 gal./min. with 383 ft. drawdown after 1 1/2 hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

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Well sealed from land surface to 232 ft.
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MATERIAL	From	To	SWL
Rock, med. black & blue claystone	616	650	W.B.
Rock, black	650	690	
Rock, black & blue claystone	690	730	W.B.
Rock, med. black	730	765	
Rock, porous black	765	783	W.B.
Rock, med. black	783	812	
Basalt, gray	812	848	
Rock, dark brown	848	875	W.B.

Work started 4-12 1977 Completed 4-29 1977
Date well drilling machine moved off of well 5-2 1977

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 L. Litch Date 4-29, 1977
(Drilling Machine Operator)
Drilling Machine Operator's License No. 665

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[Signed] Troy Griffin
(Water Well Contractor)
Contractor's License No. 65 Date 5-2, 1977