

NO. _____ WATER WELL CONTRACTOR
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
1219

WATER WELL REPORT

STATE OF OREGON
(Please type or print)
(Do not write above this line)

RECEIVED
APR 19 1968
STATE ENGINEER

State Well No.

3N/2B-28 H

State Permit No.

(1) OWNER:

Name E. R. Betz
Address R. F. Hermiston Oregon

(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
16" Diam. from 0 ft. to 105 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.			
_____ 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) WATER LEVEL: Completed well.

Static level 275 ft. below land surface Date 4/3/68
Artesian pressure _____ lbs. per square inch Date _____

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level.

Was a pump test made? Yes No If yes, by whom? Columbia Pump Co.
Flow: 780 gal./min. with 125 ft. drawdown after 6 hrs.

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

(10) CONSTRUCTION:

Well seal—Material used cement
Depth of seal 25 ft.
Diameter of well bore to bottom of seal 20 in.
Were any loose strata cemented off? Yes No Depth _____
Was a drive shoe used? Yes No
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.

(11) LOCATION OF WELL:

County Umatilla Driller's well number _____
1/4 1/4 Section 28 T. 3N R. 28 W.M. _____
Bearing and distance from section or subdivision corner _____

(12) WELL LOG:

Diameter of well below casing 16 to 404

Depth drilled 830 ft. Depth of completed well 830 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
surface sandy	0	4	
gravel	4	20	
clay	20	65	
gravel	65	75	
clay yellow	75	105	
broken basalt	105	156	55
red rock	156	176	55
harder grey	176	218	55
red rock	218	237	55
basalt—harder grey	237	391	55
basalt block	391	399	55
" grey	399	405	55
" black	405	415	55
" grey	415	507	63
" black	507	522	120
" grey	522	540	120
" black	540	545	275
" grey hard	545	666	275
" black		672	275
" grey hard	672	726	275
blue green clay	726	736	275
Cont. on next sheet			

Work started 10-23 1967 Completed 4-3 1968
Date well drilling machine moved off of well 4-4 1968

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] W. R. Nelson Date 4-15, 1968
(Drilling Machine Operator)

Drilling Machine Operator's License No. 484

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 Allison Dreg. Co. (Type of print)
(Person, firm or corporation)

Address P.O. Box 309-C Hermiston Ore.

[Signed] R. L. Allison
(Water Well Contractor)

Contractor's License No. 419 Date 4-15, 1968

NOTICE TO WATER WELL CONTRACTOR

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UMAT WATER WELL REPORT

RECEIVED
APR 19 1968

STATE OF OREGON STATE ENGINEER State Well No. 3N/28-28 H
(Please type or print) STATE ENGINEER
(Do not write above this line) STATE OF OREGON State Permit No. G-4165

(1) OWNER:

Name _____
Address _____

(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

" Diam. from _____ ft. to _____ ft. Gage _____
" 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.
_____ 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) WATER LEVEL: Completed well.

Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
_____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " "

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

(10) CONSTRUCTION:

Well seal—Material used _____
Depth of seal _____ ft.
Diameter of well bore to bottom of seal _____ in.
Were any loose strata cemented off? Yes No Depth _____
Was a drive shoe used? Yes No
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.

(11) LOCATION OF WELL:

County _____ Driller's well number _____
_____ ¼ _____ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner _____

(12) WELL LOG:

Diameter of well below casing _____

Depth drilled _____ ft. Depth of completed well _____ 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
basalt grey	735	739	275
clay grey	739	743	275
basalt black	743	763	275
" grey hard	763	830	275

Work started _____ 19 Completed _____ 19
Date well drilling machine moved off of well _____ 19

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] _____ Date _____, 19_____
(Drilling Machine Operator)
Drilling Machine Operator's License No. _____

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 _____ (Person, firm or corporation) _____ (Type or print)
Address _____
[Signed] _____ (Water Well Contractor)
Contractor's License No. _____ Date _____, 19_____