

NOTICE TO 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
1819

WATER WELL REPORT
UMAT 1819
STATE OF OREGON
(Please type or print)

RECEIVED
OCT 8 - 1976

State Well No. 40/282-4/CC
State Permit No.

(Do not write above this line)

SALEM, OREGON
WATER RESOURCES DEPT

(1) OWNER:

Name S.D.A. CHURCH SCHOOL
Address UMATILLA, 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
Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

8" Diam. from 1 up ft. to 50 ft. Gage 2.50
Threaded Welded

(6) PERFORATIONS:

Perforated? Yes No
Type of perforator used
Size of perforations in. by in.
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
a pump test made? Yes No If yes, by whom? Blow
Yield: 150 plus gal./min. with 230 ft. drawdown after 6 hrs.
" 75 " 140 " 6 "
" 35 " 55 " 1 "
Artesian flow g.p.m.
Temperature of water 67 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 50 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 37 sacks
Number of sacks of bentonite used in well seal 3 sacks
Brand name of bentonite Pleasant granular
Number of pounds of bentonite per 100 gallons of water 50 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
Section 4 T. 4 N. 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 33 ft.
Static level 52 ft. below land surface. Date Sept 25 76
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"
Depth drilled 340 ft. Depth of completed well 340 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
Rupert sand course	0	15	
cemented gravel	15	35	
BROWN SANDSTONE CAP WATER	35	40	
green shale conglomerate	40	45	
Black-ish green basalt	45	50	50
Hard black basalt	50	190	
soft waterbearing Blk Bk.	190	235	
Hard Black Basalt	235	280	
soft water bearing basalt	280	290	
Hard black Basalt	290	310	
Green shale	310	325	
Porous black Basalt	325	333	
Black Water Bearing Rock	333	340	

Work started Sept 18 19 76 Completed Sept 25 1976
Date well drilling machine moved off of well Sept 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] Bill Engelhart Date Sept 26 76
(Drilling Machine Operator)

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 A.C. Engelhart of Great Western Drilling
(Person, firm or corporation) (Type or print)
Address P.O. Box 219, Hamiston, P.O. Box 908, Pendleton, OR 97830
[Signed] A.C. Engelhart
(Water Well Contractor)
Contractor's License No. 467 Date Sept 26, 19 76