

Morr 1519

OCT -4 1990 OCT 22 1990

WATER RESOURCES DEPT. SALEM, OREGON WATER RESOURCES DEPT. SALEM, OREGON SN/26E/15

State Well No. _____
State Permit No. _____

(1) OWNER:

Name Dept of Army Walla Walla Dist GOVT
Address Bldg 614
City Walla Walla State Wash

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Air Driven
Rotary Mud Dug
Cased Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal ReInjection

(5) CASING INSTALLED:

Steel Threaded Plastic Welded
2.0" Diam. from 1.3 ft. to 1.5 ft. Gauge 39.5

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(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 Wesco
Type Stainless Model No. 304
Diam. 2.0" Slot Size 150 Set from 68 ft. to 49 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? Driller
2500 gal./min. with 4.4' ft. drawdown after 20 hrs.
2900 " 5-1 " 2 "
Air test gal./min. with drill stem at ft. hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No
Well seal—Material used Cement Grout
Well sealed from land surface to 2.1' ft.
Diameter of well bore to bottom of seal 2.4 in.
Diameter of well bore below seal 2.0 in.
Number of sacks of cement used in well seal 7 Sack Penn Brand sacks
How was cement grout placed? Dropped with screen
2.0" & 2.4" casing
Was pump installed? NO Type HP Depth ft.
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: ft.
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Morrow Driller's well number #2
JW 1/4 SE 1/4 Section 15 T. 5 R. 26 W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: 8th St Irrig

(11) WATER LEVEL: Completed well.

Depth at which water was first found 39 ft.
Static level 20'-1" ft. below land surface. Date 9-19-90
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing _____ 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 and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Topsoil	0	3	
Ray Sand - Gravel Few cobbles	3	17	
Sand - Gravel - Cobbles silty clay binder	17	39	
Sand - Gravel silt binder little water	39	45	
Loose Sand - Gravel Water (mud & silt)	45	68	
Sand - Gravel - Cobbles silty clay binder Open hole 7.5 to 83	68	83	

Work started 7-25 1990 Completed 9-19-1990
Date well drilling machine moved off of well 9-19-90 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] John E. Anderson Date 10-1-1990
(Drilling Machine Operator)
Drilling Machine Operator's License No. 802

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 Armstrong Drilling Inc. (Type or print)
Address 10719 66 Ave. E. Ripley WA
[Signed] John E. Anderson (Water Well Contractor)
Contractor's License No. 802 Date 10-1-1990