

The original and first copy of this report are to be filed with the

RECEIVED LINN 12936
FEB 1 - 1972 STATE OF OREGON
STATE ENGINEER SALEM, OREGON

12936 State Well No. 13/2-19
State Permit No. G-5177

(1) OWNER:
Name DEPT of Army Engineers
Address P.O. Box 2946
Portland, Oregon

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dug Bored

CASING INSTALLED:
12" Diam. from 0 ft. to 376 ft. Gage 333
6" Diam. from 0 ft. to 125 ft. Gage 250
6" Diam. from 0 ft. to 132 ft. Gage 280

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? Contracting
Yield: 90 gal./min. with 38.7 ft. drawdown after 50 hrs.
225 " 75 " 9 "
IR test 150 gal./min. with full ft. drawdown after 2 hrs.
Artesian flow 3 g.p.m.
Temperature of water Depth artesian flow encountered 134 ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 22" to 18" 18" to 80" 10" to 131 ft.
Diameter of well bore to bottom of seal Above
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 132 sacks
Number of sacks of bentonite used in well seal NONE sacks
Brand name of bentonite
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 Linn Driller's well number
1/4 1/4 Section 19 T. 135 R. 2E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 134 ft.
Static level +133" in Above & below land surface. Date 1/19/72
Artesian pressure 0 lbs. per square inch. Date 1/19/72

(12) WELL LOG: Diameter of well below casing Six
Depth drilled 174 ft. Depth of completed well 174 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
SOIL brown	0	2	
SAND, brown - GRAVEL	2	17	
MED - BUILDERS, Med			
Surface water			
STRATUM			3.9
Sand fine, blue and GRAVELS, SMALL	17	31	
Sand, fine, blue	31	80	
CLAY, blue w/SAND	80	122	
fine & GRAVELS, SM.			
Bedrock, grey sandrock	122	128	15"
Sandrock, grey w/Red -	128		
Coloration broken layers		134	
formation same (15 cpm)	134	150	
Art. over casing			
Sandrock, grey w/broken layers.	150	174	+1
			(Aug 23)

Work started July 29 1971 Completed JAN 19 1972
Date well drilling machine moved off of well JAN 19 1972

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] Leroy W. Mutschler Date 1/19, 1972
(Drilling Machine Operator)
Drilling Machine Operator's License No. 80

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 L.W. Mutschler Well Drilling
(Person, firm or corporation) (Type or print)
Address 7555 NW OAK Creek Dr. GORVALLIS, Oregon.
[Signed] Leroy W. Mutschler
(Water Well Contractor)
Contractor's License No. 237 Date Jan 19, 1972