

**WATER WELL REPORT**  
STATE OF OREGON

**RECEIVED** State Well No. 7N/3W-15bc

**COLU**  
**2300**

JAN 6 1982 State Permit No.

WATER RESOURCES DEPT

SALEM, OREGON

*Reconditioning*

**(1) OWNER:**

Name Lois J. HALLAHAN  
Address Route 1 Box 424B  
City Rainier State Oregon  
97048

**(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  Domestic  Industrial  Municipal   
Rotary Mud  Dug  Irrigation  Test Well  Other   
Cased  Bored  Thermal: Withdrawal  ReInjection

**(4) PROPOSED USE (check):**

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded

" Diam. from ..... ft. to ..... ft. Gauge .....  
" Diam. from ..... ft. to ..... ft. Gauge .....

**LINER INSTALLED:**

5" Diam. from 18" ft. to 57.11" ft. Gauge 1.188

**(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 ..... Model No. ....  
Type .....  
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?  
gal./min. with ..... ft. drawdown after ..... hrs.  
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 57 ft.  
Diameter of well bore to bottom of seal 8 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 12 sacks  
How was cement grout placed? w/ trimmie pipe

Was pump installed? yes Type sub HP 5 Depth 241 ft.  
Was a drive shoe used?  Yes  No Plugs ..... Size: location ..... ft.  
Did any strata contain unusable water?  Yes  No  
Type of Water? contaminated depth of strata 31-35 Feet  
Method of sealing strata off 5" liner cemented in  
Was well gravel packed?  Yes  No Size of gravel: .....  
Gravel placed from ..... ft. to ..... ft.

**(10) LOCATION OF WELL:**

County Columbia Driller's well number .....  
SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Section 15 T. 7N R. 3W W.M.  
Tax Lot # ..... Lot ..... Blk ..... Subdivision .....  
Address at well location: Rt. 1 Box 424B Rainier Oregon 97048

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found ..... ft.  
Static level 30 ft. below land surface. Date 12-15-81  
Artesian pressure ..... lbs. per square inch. Date .....

**(12) WELL LOG:**

Diameter of well below casing ..... 8

Depth drilled 0 ft. Depth of completed well 248 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
<i>This well was originally drilled by G.A. Kuttel June 10, 1965. and we deepened to 248 Feet Sept. 15, 1971. In the last 6 months the well has become contaminated. We believe contamination coming through perforations 31 to 35 Feet and possibly below drive shoe at 41 Feet. We proposed setting 58 Feet of 5" liner with packer and cemented between bore hole, 8" casing and 5" liner. We contacted Robert Almy from Oregon State water resources Board and he thought this was an excellent idea. Because of damage to lawn and new cement pad around well, we used pump boom truck to do the job. Enclosed you will find well log of deeping well in 1971</i>			

Work started Dec. 15 19 81 Completed Dec. 15 '81  
Date well drilling machine moved off of well boom truck Dec. 15 19 81

**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] Dale McPhee Date 12-21, 1981  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 363

**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 Dale McPhee & Sons Well Drilling Inc  
(Person, firm or corporation) (Type or print)  
Address 3032 Allen St. Kelso, Wash.  
[Signed] Dale McPhee  
(Water Well Contractor)  
Contractor's License No. 424 Date Dec. 21, 19 81

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

RECEIVED NOV 1 - 1971

STATE OF OREGON WATER COLU 2300

STATE OF OREGON

State Well No. IN/EN-101

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion

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

State Permit No.

(1) OWNER:

Name D.P. HALLARON
Address Rt 1 Box 424B Rainier, Oregon

(2) TYPE OF WORK (check):

New Well [ ] Deepening [x] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [x] Cable [ ] Dug [ ] Driven [ ] Jetted [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [x] Industrial [ ] Municipal [ ] Irrigation [ ] Test Well [ ] Other [ ]

CASING INSTALLED:

8" Diam. from 0 ft. to 40 ft. Gage 250

PERFORATIONS:

Type of perforator used Torch Cut
Size of perforations 18 in. by 1/4 in.
perforations from 33 ft. to 35 ft.

(7) SCREENS:

Well screen installed? [ ] Yes [x] No
Manufacturer's Name
Type Model No.
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? [x] Yes [ ] No If yes, by whom? Driller
Yield: 30 gal./min. with 218 ft. drawdown after 2 hrs.
Dr Rotary tested at 247 feet
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Grout
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal ? sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? [x] Yes [ ] No Plugs Size: location ft.
Did any strata contain unusable water? [ ] Yes [x] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [ ] Yes [x] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Columbia Driller's well number SW 1/4 NW 1/4 Section 15 T. 7 R. 3 W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 34 ft.
Static level 30 ft. below land surface. Date Sept. 18, 71
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"
Depth drilled 248 ft. Depth of completed well 248 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.

Table with columns: MATERIAL, From, To, SWL. Rows include Soil brown, clay yellow course, clay blue, clay blue + red, conglomerate, Rock brown, Rock black, Black basalt rock.

We deepened this well from 148-248
We used the in formation from well long drilled by G.A. Luttrell Contractors Lic. No 238
This well was drilled 6-10-1965 Driller's well no 198

Work started Sept 15 1971 Completed Sept 18 1971
Date well drilling machine moved off of well Sept 18 1971

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] Dale McJhee Date 10-28, 1971
Drilling Machine Operator's License No. 363

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 Dale McJhee Well Drilling
Address 3032 Allen St. Kelso, Wash.
[Signed] Dale McJhee
Contractor's License No. 424 Date 10-28, 1971