

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.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

State Well No.

248/33E-8ba

Permit No.

RECEIVED BY CWRD

RECEIVED

JUN 2 1978

(1) OWNER:

Name Mr. Walter Kliner DEC 12 2014
Address 1725 - 89th. N.E.
Bellevue, WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 13.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 432 ft. Gage #250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Factory louvered

Size of perforations 1/8 in. by 2 # in.
15,120 perforations from 96 ft. to 432 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? manager Western Water wells

Yield: 620 gal/min. with 180 ft. drawdown after 8 hrs.
" " " " " "

Ballor test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 59 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement grout
Well sealed from land surface to 18 ft. ft.
Diameter of well bore to bottom of seal 29 in.
Diameter of well bore below seal 29 in.
Number of sacks of cement used in well seal 7 sack 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? ☐ Yes ☒ No Plug _____ 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: 3/8

Gravel placed from 18 ft. to 620 ft.

(10) LOCATION OF WELL:

County Marion Section 8 T. 24 R. 33 E. W.M.
n.e. 1/4

Bearing and distance from section or subdivision corner

312 ft. n.e. of center of the n.w. -
1/4 of sec. 8 T-24/R-33-E

(11) WATER LEVEL: Completed well.

Depth at which water was first found 65 ft. ft.

Static level 8 ft. below land surface. Date 4/24/78

Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 29"

Depth drilled 620 ft. Depth of completed well 432' 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
top soil	0	2	
sand	2	5	
blue & green clay	5	65	
gray sandstone	65	74	
sandy gray clay	74	93	
sandstone	93	95	
green sandy clay	95	145	
black clay	145	190	
gray & green clay	190	248	
black clay	248	284	
coarse sand & med. gravel	284	290	
sand stringers of clay	290	307	
green claystone	307	329	
black clinders & sand	329	335	
gray sandstone	335	338	
soft sandstone & med sand	338	367	
gray clay sandstone strig	367	405	
coarse gray sand	405	408	
gray clay	408	440	

Work started 4/24/ 19 78 Completed 4/25/ 19 78

Date well drilling machine moved off of well 4/25/ 19 78

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] Donald J. Houser Date 4-25-78

(Drilling Machine Operator)

Drilling Machine Operator's License No. 10 26

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 Western Water Wells Inc. (Type or print)

(Person, firm or corporation)

Address 2485 W. Main St. N. Salem, Ore.

[Signed] James B. Blair

(Water Well Contractor)

Contractor's License No. 689 Date 4/25/, 1978

(USE ADDITIONAL SHEETS IF NECESSARY)

SR-45036-119

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

WATER WELL REPORT RECEIVED

STATE OF OREGON

(Please type or print)

MAY 15 1978

State Well No. 24S/33E-8ca

State Permit No.

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date
of well completion.

(Do not write above this line)

WATER RESOURCES DEPT

(1) OWNER:

Name Mr. Walter Kleiner
Address 1725- 89th. N.E.
Bellevue, Wash. 98004

(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 0 ft. to 364 ft. Gage 2.50
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

of perforator used factory louvered
Size of perforations 1/8 in. by 2 1/2 in.
9.900 perforations from 120 ft. to 364 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? manager western water wells.

Yield: 585 gal./min. with 168 ft. drawdown after 23 hrs.

" " " " "

" " " " "

Baller test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 57 Depth artesian flow encountered ft.

CONSTRUCTION:

Well seal—Material used cement grout

Well sealed from land surface to 18 ft.

Diameter of well bore to bottom of seal 29 in.

Diameter of well bore below seal 29 in.

Number of sacks of cement used in well seal 7 sack 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? ☐ 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: 3/8

Gravel placed from 18 ft. to 370 ft.

(10) LOCATION OF WELL: #3

County Harney Driller's well number
N.e. 4 S.W. 4 Section 8 T. 24 R. 33 W.M.

Bearing and distance from section or subdivision corner
loc. 28' straight east of the center of
the s.w. 1/4 of sec. 8 -t.24/r.33 e.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 7 ft.

Static level 6 ft. below land surface. Date 4/11/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 370 ft. Depth of completed well 364 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
top soil	0	2	
med. sand	2	4	
coarse gravel&clay	4	7	6
med. sand	7	14	
gray&green clay	14	80	
sandy gray clay	80	111	
gray clay	111	142	
black clay	142	162	
green clay	162	195	
fine gray sand	195	202	
green clay	202	220	
black clay	220	283	
gray clay	283	312	
coarse sand&med. gravel	312	315	
gray sandstone	315	317	
pumice & clay stringers	317	354	
clay & stringers of sand	354	360	
gray clay	360	370	

Work started 4/11/ 1978 Completed 4/ 13 19 78

Date well drilling machine moved off of well 4/ 14/ 19 78

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] B. J. Hauer Date May 8, 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 10 26

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 Western Water Wells
(Person, firm or corporation) (Type or print)

Address P.O. Box 294 Burns Oregon

[Signed] James B. Rine
(Water Well Contractor)

Contractor's License No. 659 Date 5-10, 19 78

RECEIVED

WATER WELL REPORT

STATE ENGINEER, OREGON

RECEIVED

STATE OF OREGON

State Well No. 24/33E-8cd

WITHIN 60 DAYS FROM THE DATE

SEP 8 1978

REF. # 10

WATER RESOURCES DEPT.

State Permit No.

SALEM, OREGON

WATER RESOURCES DEPT.

(10) LOCATION OF WELL:

Name Mr. Walter Kleiner SALEM, OREGON

County Harney

Driller's well number #4

Address 1725 - 89th. N.E.

S.E. & S.W. 1/4 Section #8 T.24-S.R.33-e W.M.

Bellevue WA. 98004

Bearing and distance from section or subdivision corner

(2) TYPE OF WORK (check):

600' ft. due so. east of center pivot.

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in item 12.

(3) TYPE OF WELL:

(4) PROPOSED USE (check):

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒

16" Diam. from 0 ft. to 480' ft. Gage .250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used factory louvered

Size of perforations 1/8 in. by 2 1/2 in.

14,976 perforations from 168 ft. to 480' ft.

perforations from ft. to ft.

perforations from ft. to ft.

RECEIVED BY OWRD

(7) SCREENS: Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type DEC 12 2014

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

to be tested at a later date.

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield: 909 gal./min. with 231' ft. drawdown after 48 hrs.

" " " "

" " " "

Ball test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 60' Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout

Well sealed from land surface to 18' ft.

Diameter of well bore to bottom of seal 29" in.

Diameter of well bore below seal 29" in.

Number of sacks of cement used in well seal 7 sack 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? ☐ 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: 3/8

Gravel placed from 18' ft. to 500' ft.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 89' ft.

Static level 20' ft. below land surface. Date May 21/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29"

Depth drilled 500' ft. Depth of completed well 480' 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
top soil	0	2	
gray sandy clay	2	22	
green clay&black sandstone	22	194	-
gray sandstone	194	210	
gray&black clays	210	274	
olive green clay	274	314	
fine gravel& sandstone	314	330	
tan sandstone	330	362	
gray & green clays	362	384	
green& black sandstone	384	404	
claystone& sandstone	404	427	
gray sandstone (dry)	427	435	
blue green claystone	435		
& sandstone layers		500	

Work started May/ 21 1978 Completed May/ 23 1978

Date well drilling machine moved off of well May/ 24/ 1978

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] *Bundell J. Hoover* Date May 28, 1978

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

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 Western Water Wells Inc.

(Person, firm or corporation)

(Type or print)

Address

[Signed] *James B. Hoover*

(Water Well Contractor)

Contractor's License No. 659 Date MAY 28, 1978

JUN 2 1978

State Well No.

State Permit No.

WATER RESOURCES DEPT.

(1) OWNER:

Name Mr. Walter Kleiner

Address 1725- 89th. N.E.
Bellevue. WA. 98004

(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 ☐

CASING INSTALLED:

Threaded ☐ Welded ☒

16 " Diam. from 0 ft. to 432 ft. Gage 250

" Diam. from " ft. to " ft. Gage "

" Diam. from " ft. to " ft. Gage "

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used factory lower

Size of perforations 1/8 in. by 2 1/2 in.

12,960 perforations from 120 ft. to 432 ft.

perforations from " ft. to " ft.

perforations from " ft. to " ft.

perforations from " ft. to " ft.

RECEIVED BY OWRD

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type DEC 12 2014 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

manger western water wells

Was a pump test made? ☒ Yes ☐ No If yes, by whom?

Yield: 746 gal./min. with 182 ft. drawdown after 8 hrs.

" " " "

" " " "

Bailer test gal./min. with " ft. drawdown after " hrs.

Artesian flow g.p.m.

Temperature of water 59 Depth artesian flow encountered " ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout

Well sealed from land surface to 18 ft.

Diameter of well bore to bottom of seal 29 in.

Diameter of well bore below seal 29 in.

Number of sacks of cement used in well seal 7 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? ☐ 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: 3/8

Gravel placed from 18 ft. to 437 ft.

(10) LOCATION OF WELL:

County Harney

Driller's well number

S.E. 1/4 N.W. 1/4 Section 17 T. 24 R. 33-e. W.M.

Bearing and distance from section or subdivision corner

14 ft. so. so. east of center of the

n.w. 1/4 of sec. 17- t-24-s/r-33-e.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 76 ft.

Static level 8 ft. below land surface. Date 5/1/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 437 ft. Depth of completed well 432 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
top soil	0	4	
cons. sand&gravel	4	12	
tan clay	12	24	
gray&green clay trace s.s.	24	87	
fine sand	87	90	
gray clay stringer black	90	171	
green & gray clay	171	235	
black sand	235	240	
black&gray clay	240	315	
green clay	315	330	
sand&gravel med.	330	337	
pumis&clay gray	337	370	
sandstone&gray clay stri.	370	393	
black sand&gray clay	393	406	
coarse sand&B. cinders	406	430	
green clay	430	437	

Work started 5/1/ 19 78 Completed 5/3/ 19 78

Date well drilling machine moved off of well 5/4/ 19 78

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] Bundell J. Hauser Date 5-6, 19 78

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

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 Western Water Well Co.

(Person, firm or corporation)

Address 401 W. Main St. Astoria, Ore.

[Signed] James B. Bower

(Water Well Contractor)

Contractor's License No. 657 Date 5/6/ 19 78

HARN 1014