

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

RECEIVED STATE OF OREGON SEP 17 1970 STATE ENGINEER SALEM, OREGON

State Well No. 3/3-156 State Permit No.

STATE ENGINEER, SALEM, OREGON (Please type or print) (Date above this line)

(1) OWNER:

ROBERT KIEFER ROBERT KIEFER Address 7302 N.E. 72nd Portland, Oregon

(2) TYPE OF WORK (check):

New Well [X] 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 [X] HOMES

CASING INSTALLED:

6" Diam. from 0 ft. to 653 ft. Gage 25

PERFORATIONS:

Type of perforator used Size of perforations in. by in. perforations from ft. to 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:

Was a pump test made? [X] Yes [] No If yes, by whom? Driller Yield: 100 gal./min. with 376 ft. drawdown after 3 hrs. 87 1/2 " 341 " 2 " 75 " 296 " 1 1/2 " Baller test 67 1/2 276 gal./min. with ft. drawdown after 4 hrs. Artesian flow g.p.m. Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal Material used boroid quick Jell Well sealed from land surface to 40 ft. Diameter of well bore to bottom of seal 10 in. Diameter of well bore below seal 6 in. Number of sacks of cement used in well seal 0 sacks Number of sacks of bentonite used in well seal 2 sacks Brand name of bentonite boroid quick Jell Number of pounds of bentonite per 100 gallons of water 50 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 Clackamas Driller's well number 1/4 NW 1/4 Section 15 T. 3S R. 3E W.M. Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 40 ft. Static level 304' ft. below land surface. Date 9/7/70 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6" Depth drilled 835 ft. Depth of completed well 700 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 Top soil, Clay, red, Clay, brown, Clay, shale, grey, Lava, broken (2 gpm), Lava, grey, Clay, grey, Gravel (4 gpm), Clay, grey, Gravel, pumice (18 gpm), Clay, grey, Sand coarse & small gravel, Clay, grey, Sand, grey, med., Clay, grey, Clay, black, hard, Clay, Sand, grey (30 gpm).

Work started Aug. 7 1970 Completed Sept 7 1970 Date well drilling machine moved off of well Sept 7 1970

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] Marvin D. Skyles Date 9-15, 1970 (Drilling Machine Operator) Drilling Machine Operator's License No. 224

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 Skyles Drilling & Supply (Person, firm or corporation) (Type or print) Address Gladstone, Oregon [Signed] George St. Skyles (Water Well Contractor) Contractor's License No. 58 Date 9/15, 1970

NOTICE TO WATER WELL CONTRACTOR

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

RECEIVED
SEP 17 1970
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

STATE ENGINEER, SALEM, OREGON 97303
 within 30 days from the date of well completion.

State Well No. 3/3-156
 State Permit No. _____

(1) OWNER:

Name ROBERT KIEFER (PAGE 2)
 Address 7502 N. E. 72nd 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:

Rotary Driven
 Cable Jetted
 Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
 Irrigation Test Well Other

CASING INSTALLED:

HOMES

6" Diam. from 0 ft. to 653 ft. Gage .25
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

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? driller

Yield: 100 gal./min. with 376 ft. drawdown after 3 hrs.
 87 1/2 " " 341 " " 3 1/2 "
 " 75 " " 296 " " 3 1/2 "
 Bailer test 67 1/2 gal./min. with 276 ft. drawdown after 4 hrs.

Artesian flow _____ g.p.m.
 Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Boroid Quick Jell
 Well sealed from land surface to 40 ft.
 Diameter of well bore to bottom of seal 6.10 in.
 Diameter of well bore below seal 6.62 in.
 Number of sacks of cement used in well seal 0 sacks
 Number of sacks of bentonite used in well seal 2 sacks
 Brand name of bentonite Boroid Quick Jell
 Number of pounds of bentonite per 100 gallons of water 5.50 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 Clackamas Driller's well number _____
 1/4 Section 15 T. 3S R. 5E W.M.
 Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 40 ft.
 Static level 304 ft. below land surface. Date 9/7/70
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6

Depth drilled 835 ft. Depth of completed well 700 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
Continued from page one			
Clay, grey	605	675	
Sand, grey (42 gpm)	675	682	
Clay	682	687	
Shale, grey (soft 710-712)	687	716	
Clay, grey	716	742	
Basalt, black	742	760	
" " soft	760	764	
Clay, grey	764	787	
" " hard	787	794	
" " soft	794	798	
" " Hard	798	807	
" " Soft	807	814	
" " "	814	835	

Work started Aug 7 1970 Completed Sept 7 1970

Date well drilling machine moved off of well Sept. 7 1970

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] Marie D. Skyles Date 9-15, 1970
 (Drilling Machine Operator)

Drilling Machine Operator's License No. 224

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 SKYLES DRILLING & SUPPLY
 (Person, firm or corporation) (Type or print)

Address GLADSTONE, OREGON

[Signed] George D. Skyles
 (Water Well Contractor)

Contractor's License No. 58 Date 9/15, 1970