

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

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

RECEIVED CLAC 4079 WATER WELL REPORT RECEIVED MAR 25 1970 STATE OF OREGON MAR 30 1970 STATE ENGINEER SALEM, OREGON 65314 STATE ENGINEER SALEM, OREGON 04079

2/2-13da

(1) OWNER:

Name RIVERGATE DEVELOPEMENT COMPANY Address 5405 S. E. Glen Echo Gladstone, Oregon 97027

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

(4) PROPOSED USE (check):

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

CASING INSTALLED:

10" Diam. from 0 ft. to 343 ft. Gage 25 8" Diam. from 329 ft. to 344 ft. Gage 188

PERFORATIONS:

Perforated? [] Yes [x] No

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

(7) SCREENS:

Well screen installed? [x] Yes [] No

Manufacturer's Name Johnson Type Wire wound Model No. Diam. 10" Slot size #12 Set from 344 ft. to 364 ft.

(8) WATER LEVEL: Completed well.

Static level 61 ft. below land surface Date 3/12/70 Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [x] Yes [] No If yes, by whom? Yield: 300 gal./min. with 239 ft. drawdown after 6 hrs. Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Date Temperature of water Was a chemical analysis made? [x] Yes [] No

(10) CONSTRUCTION:

Well seal—Material used Bentonite Depth of seal 180 ft. Diameter of well bore to bottom of seal 16 in. Were any loose strata cemented off? [] Yes [x] No Depth Was a drive shoe used? [x] Yes [] No 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.

(11) LOCATION OF WELL:

County Clackamas Driller's well number 1/4 Section 13 T. 2 S R. 2 E. W.M. Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing 9 7/8

Depth drilled 373 ft. Depth of completed well 365 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 as drilling proceeds. Note drilling rates.

Table with columns: MATERIAL, From, To, SWL. Rows include Top soil, Gravel, highly consolidated, Gravel, looser, Clay, yellow, Clay, grey, Clay, grey, harder, Clay, softer, Clay, harder, Clay, grey with sand, Clay, green, Clay, green-harder, Clay and sand, Clay, green, harder, Clay, green, softer, Clay, harder, Shale, grey, softer, Shale, grey, harder, Shale, green, Shale, green, (some water), Shale, green, hard.

CONTINUED ON PAGE 2

Work started Feb. 5 1970 Completed March 12 1970 Date well drilling machine moved off of well March 12 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] Eugene M. Skyles Date 3/23, 1970 (Drilling Machine Operator)

Drilling Machine Operator's License No. 271

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 97027

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

Contractor's License No. 58 Date Feb. 24, 1970

NOTICE TO WATER WELL CONTRACTOR

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

RECEIVED
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 MAR 25 1970 STATE OF OREGON MAR 30 1970
 (Please type or print name and address of contractor above this line)
STATE ENGINEER
SALEM, OREGON

2/2-13da
 State Well No. _____
 State Permit No. _____

(1) OWNER: PAGE 2

Name RIVERGATE DEVELOPMENT COMPANY
 Address 5405 S.E. Glen Echo, Gladstone,

(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 Mobile Camp

CASING INSTALLED:

10" Diam. from 0 ft. to 343 ft. Gage .250
 8" Diam. from 329 ft. to _____ ft. Gage .188
 _____" 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.
 _____ perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No
 Manufacturer's Name Johnson
 Type Wire wound Model No. _____
 Diam. 10" Slot size #12 Set from 344 ft. to 364 ft.
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WATER LEVEL: Completed well.

Static level 61 ft. below land surface Date 3/12/70
 Artesian pressure _____ lbs. per square inch Date _____

(9) 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: 300 gal./min. with 239 ft. drawdown after 6 hrs.
 " " " " " " " " " " " "

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) CONSTRUCTION:

Well seal—Material used Bentonite
 Depth of seal 180 ft.
 Diameter of well bore to bottom of seal 16 in.
 Were any loose strata cemented off? Yes No Depth _____
 Was a drive shoe used? Yes No
 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.

(11) LOCATION OF WELL:

County Clackamas Driller's well number _____
 Oregon 1/4 Section 13 T. 2S R. 2E W.M.
 Bearing and distance from section or subdivision corner _____

(12) WELL LOG:

Diameter of well below casing 9 7/8
 Depth drilled 373 ft. Depth of completed well 365 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
PAGE 2			
Sand, fine and green	237	242	
Shale, green	242	248	
" " softer	248	255	
" grey, harder	255	300	
Sand	300	306	
Shale, green	306	315	
" harder	315	320	
Sand, grey	320	324	
Shale, grey	324	347	
Sand, grey	347	371	
Sand, harder	371	373	
Clay	373		

DRIVE SHOE D RIVEN INTO HARD SHALE
 AT 345 feet for seal

Work started Feb. 5 1970 Completed March 12 1970
 Date well drilling machine moved off of well March 12 1970

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This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Eugene M. Skyles Date 3/23, 1970
 (Drilling Machine Operator)

Drilling Machine Operator's License No. 271

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 INC.
 (Person, firm or corporation) (Type or print)

Address GLADSTONE, OREGON 97027

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

Contractor's License No. 58 Date May 24, 1970