

Well 2 - Upper COLU 3174

ED

AUG 2 1985

3h/2w-22

STATE OF OREGON WATER WELL REPORT REVISED: Water log report (as required by ORS 537.765)

PLEASE TYPE or PRINT IN INK WATER RESOURCES DEPT SALEM, OREGON

(for official use only)

(1) OWNER:

Name Columbia Hill Development Co. Address 31900 Callahan Road City Scappoose State 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 Air [x] Driven [] Domestic [x] Industrial [] Municipal [] Rotary Mud [] Dug [] Irrigation [] Thermal: [] Withdrawal [] ReInjection [] Cable [] Bored [] Other: [] Piezometric [] Grounding [] Test []

(4) PROPOSED USE (check):

Domestic [x] Industrial [] Municipal [] Irrigation [] Thermal: [] Withdrawal [] ReInjection [] Piezometric [] Grounding [] Test []

(5) CASING INSTALLED:

Steel [x] Plastic [] Threaded [] Welded [x] 6" Diam. from 2.7 ft. to 218.7 ft. Gauge 250

LINER INSTALLED:

Steel [x] Plastic [] Threaded [] Welded [x] 5" Diam. from 205 ft. to 308 ft. Gauge 188

(6) PERFORATIONS:

Perforated? [x] Yes [] No Size of perforations 3/8 in. by 5 in. 18 perforations from 220 ft. to 307 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? [] Yes [x] No If yes, by whom? Field: gal./min. with ft. drawdown after hrs. Air test 12 gal./min. with drill stem at 307 ft. 1 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 [x] No [] Well seal - Material used cement grout Well sealed from land surface to 190 ft. Diameter of well bore to bottom of seal 10 in. 42' Diameter of well bore below seal 8 3/4 in. 218' Amount of sealing material 32 sacks [x] pounds [] How was cement grout placed? tremmie pipe Was pump installed? no Type HP Depth ft. 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? [x] Yes [] No Size of gravel: 1/4 Gravel placed from 190 ft. to 218 ft.

(10) LOCATION OF WELL by legal description:

County Columbia 1/4 1/4 of Section 22 of Township 3 N Range 2 W WM. (Township is North or South) (Range is East or West) Tax Lot Lot Block Subdivision MAILING ADDRESS OF WELL (or nearest address) 31900 Callahan Road Scappoose, Oregon 97056

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 210 ft. Static level 125 ft. below land surface. Date 7/22/85 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6 ft. Depth drilled 308 ft. Depth of completed well 308 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 brown, Clay red, Clay brown, Clay red, Clay brown, Clay brownish red, Clay red, Clay redish-brown, Clay gray-blue w/some shale, Clay light brown, Clay yellow-brown, Clay blue-green, Clay gray, Clay green-blue, Sandstone gray soft, Sandstone blue-gray.

Date work started 7/19/85 /completed 7/22/85 Date well drilling machine moved off of well 7/22/85 19

(unbonded) Water Well Constructor Certification (if applicable):

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

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond #471F1529 Issued by: Travelers Insurance (number) (Surety Company Name) On behalf of Dale McGhee & Sons Well Drilling Inc. (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) Steve McGhee (Water Well Constructor) (Dated) July 29, 1985

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

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

SP*46866-690

RECEIVED

COLU 3174

COLU

3W/2W-22

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

JUL 29 1985

WATER RESOURCES DEPT OF SALEM, OREGON PRINT IN INK

3174

(for official use only)

(1) OWNER:

Name Columbia Hill Development Co. Address 31900 Callahan Road City Scappoose State Oregon 97056

(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 Air [X] Driven [] Rotary Mud [] Dug [] Cable [] Bored []

(4) PROPOSED USE (check):

Domestic [X] Industrial [] Municipal [] Irrigation [] Thermal: [] Withdrawal [] ReInjection [] Other: [] Piezometric [] Grounding [] Test []

(5) CASING INSTALLED:

Steel [X] Plastic [] Threaded [] Welded [X] 6" Diam. from 2.7 ft. to 218.7 ft. Gauge 250

LINER INSTALLED:

Steel [X] Plastic [] Threaded [] Welded [X] 5" Diam. from 208 ft. to 311 ft. Gauge 188

(6) PERFORATIONS:

Perforated? [X] Yes [] No Size of perforations 3/8 in. by 5 in. 18 perforations from 220 ft. to 310 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? [] Yes [] No If yes, by whom? Air test 12 gal./min. with drill stem at 310 ft. 1 hrs. Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m.

(9) CONSTRUCTION:

Special standards: Yes [X] No [] Well seal—Material used cement grout Well sealed from land surface to 190 ft. Diameter of well bore to bottom of seal 10 in. 42 Diameter of well bore below seal 8 3/4 in. to 218' Amount of sealing material 32 sacks [X] pounds [] How was cement grout placed? tremmie pipe

Was pump installed? [] Yes [X] No Type HP Depth ft. 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? [X] Yes [] No Size of gravel: 1/4 Gravel placed from 190 ft. to 218 ft.

(10) LOCATION OF WELL by legal description:

County Columbia 1/4 of Section 22 of Township 3 N Range 2 W WM. (Township is North or South) (Range is East or West) Tax Lot Lot Block Subdivision

MAILING ADDRESS OF WELL (or nearest address):

31900 Callahan Road Scappoose, Oregon 97056

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 210 ft. Static level 125 ft. below land surface. Date 7/22/85 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6 Depth drilled 311 ft. Depth of completed well 311 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 brown, Clay red, Clay brown, Clay red, Clay brown, Clay brownish red, Clay red, Clay redish-brown, Clay gray-blue w/some shale, Clay light brown, Clay yellow-brown, Clay blue-green, Clay gray, Clay green-blue, Sandstone gray soft, Sandstone blue-gray.

Date work started 7/19/85 /completed 7/22/85 Date well drilling machine moved off of well 7/22/85 19

(unbonded) Water Well Constructor Certification (if applicable):

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

[Signed] Date 19

(bonded) Water Well Constructor Certification:

Bond #471F1529 Issued by: Travelers Insurance (number) (Surety Company Name) On behalf of Dale McGhee Well Drilling Inc. (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) [Signature] (Water Well Constructor) (Dated) July 24, 1985

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

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

SP*46866-690

DALE MCGHEE & SONS WELL DRILLING, INC.

3032 Allen St. Road • Kelso, WA 98626 • 206/423-8493

July 31, 1985

RE: Columbia Hill Development Co.
31900 Callahan Road
Scappoose, Oregon 97056

Attention: John Boardens.

This well was constructed with special standards by John Boardens authorization.

The following procedures were discussed with John in a telephone conversation conducted on July 21, 1985 at approximately 9:30 A.M.

Item # 1. 1/4 inch pea gravel was placed from 190 feet to 218 feet.

Item # 2. A PVC tremmie pipe was placed in the annular space from ground level to 190 feet.

Item # 3. 32 sacks of cement with 5% bentonite was pumped on the outside of the casing.

The driller intended to place a plug 2 feet below the casing and pump cement from the inside of the casing until the cement returned to the surface. This procedure was not completed because water was encountered immediately above and below casing.

A variance was then received for the method of placing cement grout.

Steve McGhee/cw

RECEIVED
AUG 2 1985
WATER RESOURCES DEPT
SALEM, OREGON