

WATER WELL REPORT

STATE OF OREGON

RECEIVED

MAR 17 1981

WATER RESOURCES DEPT
SALEM, OREGON

State Well No.

35/8E-13dc

State Permit No.

6-9574

P1

(1) OWNER:

Name Frederick T Smith
Address 2416 SW 5th Ave
City Portland, State Ore.

(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 ☐
Dug ☐ Bored ☐
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☒ Other ☐
Thermal ☐ Withdrawal ☒ ReInjection ☐

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

" Diam. from -2 ft. to 280 ft. Gauge .250
" Diam. from +1 ft. to 407 ft. Gauge .250

(6) LINER INSTALLED:

No

" Diam. from ft. to ft. Gauge

(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

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?

Yield gal./min. with ft. drawdown after hrs.

" " " " " "

Air test 300-400 gal./min. with drill stem at 900 ft. 4 hrs.

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

Artesian flow g.p.m.

Temperature of water BHT 75 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used Cement Grt

Well sealed from land surface to 408 ft.

Diameter of well bore to bottom of seal 12 1/2 to 280

Diameter of well bore below seal 8 1/2 in. to 407

Number of sacks of cement used in well seal 367 sacks

How was cement grout placed? Press Pumped

Was pump installed? NO Type HP Depth ft.

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 S-T1
NW 1/4 NE 1/4 Section 24 T. 3S R. 8E W.M.

Tax Lot # Lot Blk Subdivision

Address at well location: Thunder Head Lodge

Government Camp Or.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 44 ft.

Static level 0 ft. below land surface. Date 9/22/80

Artesian pressure 0 lbs. per square inch. Date 9/22/80

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 1770 ft. Depth of completed well 1770 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
Rock & silty sand grey	0	3	
Rock & cinders brn & gry	3	44	
Loose rock, brn, cinders red & grey fract.	44	127	
Basalt hrd grey	127	131	
Fract rock, sandy silt blk with grey streaks	131	148	
Basalt hrd grey	148	164	
Fract rock, cinders red	164	230	
Basalt hrd grey, with layers of cinders red	230	280	
Basalt hrd, brn & green	280	455	
Basalt hrd, grey & green inlaid with calcite, wht and iron pyrite, gold	455	512	
Soapstone med, brn, wht	512	713	
Claystone, soft white	713	726	
Rock med, with pyrite	726	742	
Rock hrd green	742	838	
Basalt hrd grey & green	838	916	
Rock hrd, brn, grn, wht	916	942	

Work started 3/17 19 80 Completed 9/22 19 80

Date well drilling machine moved off of well 9/22 19 80

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] Steven M. Stadel Date 9/26, 19 80

(Drilling Machine Operator)

Drilling Machine Operator's License No. 860

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 West Coast Drilling Co. Inc.

(Person, firm or corporation)

Address 220 Academy St. Mt. Angel Or.

(Type or print)

[Signed] Charles E. Stadel

(Water Well Contractor)

Contractor's License No. 519 Date 3/16, 19 81

NOTICE TO WATER WELL CONTRACTOR

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*12658-690

WATER WELL REPORT

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State Well No.

35/8E=13dc

WATER RESOURCES DEPT

SALEM, OREGON

Permit No.

P2

(1) OWNER:

Name Frederick T Smith Continued log

Address

City State

(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 ☐
Rotary Mud ☐ Dug ☐
☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:

Steel ☐ Plastic ☐
Threaded ☐ Welded ☐

" Diam. from ft. to ft. Gauge

" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? ☐ Yes ☐ No

Type of perforator used

Size of perforations in. by in.

perforations from ft. to ft.

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(7) SCREENS:

Well screen installed? ☐ Yes ☐ No

Manufacturer's Name

Type Model No.

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

Air test gal./min. with drill stem at ft. hrs.

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

Well sealed from land surface to ft.

Diameter of well bore to bottom of seal in.

Diameter of well bore below seal in.

Number of sacks of cement used in well seal sacks

How was cement grout placed?

Was pump installed? Type HP Depth ft.

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: ft.

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Driller's well number

1/4 1/4 Section T. R. W.M.

Tax Lot # Lot Blk Subdivision

Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found ft.

Static level ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing ft.

Depth drilled ft. Depth of completed well 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
Rock fract, green, brn	942	955	
Rock fract, grn, brn, wht	955	1015	
Basalt hrd grey, green	1015	1085	
Rock calcite hrd, white	1085	1155	FL
Basalt grey, green, with calcite layers white	1155	1203	FL
Basalt hrd, grey & green	1203	1372	
Rock med fract, green, with calcite layers wht	1372	1512	FL
Rock med, green & grey	1512	1660	
Rock med green, with soft clay layers white	1660	1667	FL
Rock med, green, with calcite layers hrd, wht	1667	1770	FL
FL = Fluid Loss			
Drilled with air from	0	1040	
Drilled with mud from	1040	1770	

Work started 19 Completed 19

Date well drilling machine moved off of well 19

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) *Steven M. Stadel* Date , 19 (Drilling Machine Operator)

Drilling Machine Operator's License No.

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

Address

(Signed) *Charles E. Stadel* (Water Well Contractor)

Contractor's License No. Date , 19

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