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255/34E-6cc

1248
Harney

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765) WATER RESOURCES DEPT
SALEM, OREGON

MAY 6 1985

(for official use only)

(1) OWNER:

Name Ralph Opie Well # I
Address RD. BOX 815
City CRANE State OREGON

(10) LOCATION OF WELL by legal description:

County HARNEY SW 1/4 SW 1/4 of Section 6 of
Township 25 S Range 34 E WM.
(Township is North or South) (Range is East or West)
Tax Lot _____ Lot _____ Block _____ Subdivision _____
MAILING ADDRESS OF WELL (or nearest address) RD. BOX 815
CRANE, OR. 97732

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):

Rotary Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Phermal: Withdrawal ReInjection
Cable Bored Other: Piezometric Grounding Test

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 25 ft.
Static level 28 ft. below land surface. Date Feb 27
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 14"
Depth drilled 175' ft. Depth of completed well 175' 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
Soil, Brown clay	0	5	
Clay, Brown	5	20	
Sandstone, Brown	20	25	25
Sand, fine, Blue	25	35	28
conglomerate, Brown	35	115	28
conglomerate, Black	115	175	28

(5) CASING INSTALLED: Steel Plastic
Threaded Welded
14" Diam. from +2 ft. to 90 ft. Gauge .250
" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED: Steel Plastic
Threaded Welded
" Diam. from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS: Perforated? Yes No
Size of perforations 4 in. by 18 in.
3,430 perforations from 20 ft. to 90 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? D.V. Doman
Flow: 700 to 800 gal./min. with 50 ft. drawdown after 20 hrs.
Air test _____ gal./min. with drill stem at _____ ft. _____ 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 No
Well seal—Material used Cement
Well sealed from land surface to 18 ft ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal 30 in.
Amount of sealing material 33 sacks pounds
How was cement grout placed? grout pump

Was pump installed? _____ Type _____ HP _____ Depth _____ ft.
Was a drive shoe used? Yes No Plugs None 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: 1/2" M.M.S.
Gravel placed from 18 ft. to 55 ft.

Date work started Feb 1, 1985 / completed April, 25, 1985
Date well drilling machine moved off of well April 25, 1985

(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 97 625 636 Issued by: Fidelity & Deposit Co. of
(number) (Surety Company Name) MARYLAND
On behalf of Ralph Opie
(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) D.V. Doman Ralph Opie
(Water Well Constructor)

(Dated) May 3, 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

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WATER RESOURCES DEPT
SALEM, OREGON

STATE OF OREGON

DEC 23 1986

WATER WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT.

PLEASE TYPE OR PRINT IN INK

255/34E-600

1247 HARN

Well (2)

(for official use only)

(1) OWNER:

Name Ralph Opie
Address P. O. Box 815
City Crane 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 [] Driven [] Domestic [] Industrial [] Municipal []
Rotary Mud [] Dug [] Irrigation [X] Thermal: [] Withdrawal [] ReInjection []
Cable [X] Bored [] Piezometric [] Grounding [] Test []

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel [X] Plastic []
Threaded [] Welded []
12" Diam. from + 18 ft. to 120 ft. Gauge .250

LINER INSTALLED:

Steel [] Plastic []
Threaded [] Welded []

(6) PERFORATIONS:

Perforated? [X] Yes [] No Mills
Size of perforations 1/4 in. by 3 in.
2080 perforations from 40 ft. to 120 ft.

(7) SCREENS:

Well screen installed? [] Yes [] No
Manufacturer's Name NONE
Type NONE 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? [X] Yes [] No If yes, by whom? Owner
800 gal./min. with 90 ft. drawdown after 20 hrs.
Air test 150 gal./min. with drill stem at ft. hrs.
Bailer test 156 gal./min. with 90 ft. drawdown after 2 hrs.
Artesian flow g.p.m.
Temperature of water 56 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes [] No [X]
Well seal—Material used Bentonite
Well sealed from land surface to 25 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Amount of sealing material 15 sacks [X] pounds []
How was cement grout placed? was packed

Was pump installed? 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? [] Yes [] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County HAYNEY SW 1/4 SW of Section 6
Township 25 S Range 34 E WM.
(Township is North or South) (Range is East or West)

Tax Lot Lot Block Subdivision
MAILING ADDRESS OF WELL (or nearest address) Crane Buchanan

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 30 ft.
Static level 30 ft. below land surface. Date Nov. 24th
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12"
Depth drilled 230 ft. Depth of completed well 230 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 Soil (sandy), Sand stone, Fine sand, Clay (Brown), Clay (Gray), Course sand, Clay (Gray), Clay (Blue), Clay (Blue), Small gravel.

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SALEM, OREGON

Date work started Aug. 10, '86/completed Nov. 28, '86
Date well drilling machine moved off of well Nov. 28th 19 86

(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 SB 45344 Issued by: Oregon Auto Insurance Co. (number) (Surety Company Name)

On behalf of Joe Valentine (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) Joe Valentine WWC 1435 (Water Well Constructor)

(Dated) Nov. 29, 1986

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.

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WATER WELL REPORT
STATE OF OREGON

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State Well No. 255/34E-6
State Permit No. bb

1246
WATSON

Well (3)

JAN 29 1987

(1) OWNER:

Name Ralph Opie
Address P. O. Box 815
City Crane State Oregon

WATER RESOURCES DEPT
SALEM, OREGON

(10) LOCATION OF WELL:

County Harney Driller's well number
NW 1/4 NW 1/4 Section 6 T. 255 R. 34E W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: 1 mile NE Crane Junction

(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
Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
12" Diam. from + 1 ft. to 55 ft. Gauge 250
14" Diam. from 55 ft. to 95 ft. Gauge 250

LINER INSTALLED:

" Diam. from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS:

Perforated? Yes No
Type of perforator used Factory
Size of perforations 4 in. by 1/8 in.
2,470 perforations from 20 ft. to 95 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? Valentis
450 gal./min. with 90 ft. drawdown after 25 hrs.
Air test _____ gal./min. with drill stem at _____ ft. _____ hrs.
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water 55 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Special standards: Yes No
Well seal—Material used bentonite
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 14 in.
Number of sacks of cement used in well seal 12 sacks
How was cement grout placed? _____
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.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 25 ft.
Static level 28 ft. below land surface. Date May 2
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 14
Depth drilled 220 ft. Depth of completed well 220 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
Soil, brown, clay silt	0	7	
Clay, Brown	7	25	
Sandstone, brown	25	30	28
Clay, Brown	30	97	28
Clay, Blue	97	190	28
Sand, Brown, Fine	190	195	
Clay stone	195	220	28

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WATER RESOURCES DEPT
SALEM, OREGON

Work started April 25 19 85 Completed June 10 19 85
Date well drilling machine moved off of well June 10 19 85

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] Ralph Opie Date July 19 85
(Drilling Machine Operator)
Drilling Machine Operator's License No. Board # 97 65 750

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] _____ (Water Well Contractor)
Contractor's License No. _____ Date _____, 19____

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.

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