

WATER WELL REPORT

STATE OF OREGON

RECEIVED

NOV 22 1983

State Well No.

275/34E-34ad

WATER RESOURCES DEPT

State Permit No.

SALEM, OREGON

(1) OWNER:

Name 3 J. Cattle Co. (Temple)
 Address Box 14
 City PRINCETON 97721 State Oreg

(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 ☒
 12" Diam. from 4.2 ft. to 197 ft. Gauge 0.250
 " 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.
 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? AQUA Saks
 " 300 gal./min. with 133 ft. drawdown after ONE 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 56° Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☐

Well seal—Material used CEMENT GROUT

Well sealed from land surface to 20 ft.

Diameter of well bore to bottom of seal 16 in.

Diameter of well bore below seal 12 in.

Number of sacks of cement used in well seal 21 sacks

How was cement grout placed? from bottom upwards with pressure grout pump + trireme pipe

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: ft.

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number ONE (1)
 NE 1/4 Section 34 T. 27S R. 34E W.M.
 Tax Lot # Lot Blk Subdivision

Address at well location: 9 miles SE of the Princeton post office

(11) WATER LEVEL: Completed well.

Depth at which water was first found 136 ft.

Static level 67 ft. below land surface. Date 9-19-83

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12"

Depth drilled 655 ft. Depth of completed well 655 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	0	6	—
SAND & gravel (fine)	6	9	—
Rock (basalt) broken w/ clay	9	73	—
CINDERS (black)	73	84	—
Rock (basalt) broken w/ clay seams	84	180	67
Rock (basalt) grey	180	192	67
CLAY (BROWN)	192	229	67
CLAY (BLUE)	229	293	67
CLAY (BROWN)	293	320	67
Rock (black)	320	324	67
CLAY (BROWN)	324	364	67
Rock (grey)	364	370	67
SANDSTONE (grey)	370	388	67
CLAY (Blue)	388	391	67
CLAY (green)	391	400	67
CLAY (Blue)	400	442	67
pumice (white)	442	455	67
Rock (Basalt) grey	455	459	67
CLAY (BLUE)	459	468	67
CLAY yellow	468	480	67
CLAY (white)	480	495	67

Work started July 15 1980 Completed Sept 19 1983
 Date well drilling machine moved off of well Sept 19 1983

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] Larry F. Root Date 10-1, 1983
 (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 LARRY ROOT & SONS
 (Person, firm or corporation) (Type or print) 97720

Address St. Rt. 2-14692 Hwy. 30 BURNS, OREG

[Signed] Larry F. Root
 (Water Well Contractor)

Contractor's License No. 781 Date 10-1, 1983

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

STATE OF OREGON

3 J. Cattle Co.

PLEASE TYPE or PRINT IN INK

State Well No.

State Permit No.

(1) OWNER:

Name _____
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 ☐ Domestic ☐ Industrial ☐ Municipal ☐
Rotary Mud ☐ Dug ☐ Irrigation ☐ Test Well ☐ Other ☐
☐ Bored ☐ Thermal: ☐ Withdrawal ☐ Reinjection ☐

(4) PROPOSED USE (check):

(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.

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?

Id: _____ gal./min. with _____ ft. drawdown after _____ 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 _____

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: _____

Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County _____ Driller's well number _____
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 _____

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
CLAY (BROWN(Light))	495	523	67
CLAY (Blue)	523	534	67
Rock (Black)	534	537	67
CLAY (Green)	537	550	67
CLAY (Blue)	550	592	67
SAND stone (grey)	592	594	67
CLAY (Blue)	594	620	67
CLAY (green)	620	628	67
CLAY (Black)	628	655	67

LAND OWNER started well in 1980. Lost his tools. Then hired me to fish tools + drill deeper

Work started _____ 19 _____ Completed _____ 19 _____
Date well drilling machine moved off of well _____ 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 _____ (number) Issued by: _____ Surety Company Name _____

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 Constructor

Date _____, 19 _____