

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

MAY 19 1975

State Well No. 335/31E-31

State Permit No.

(1) OWNER:

Name Rex CLEMENS
Address DIAMOND 91722

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Cable ☐ Dug ☐
Driven ☐ Jetted ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 610 ft. Gage 1/4"
24" Diam. from 0 ft. to 20 ft. Gage 1/4"
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used MILL CUT
Size of perforations 1/8 in. by 3 in.
4800 perforations from 300 ft. to 600 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? OWNER
Pump: gal./min. with ft. drawdown after hrs.
3100 " 40 " 10 "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used BENTONITE
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 24" in.
Diameter of well bore below seal 24" in.
Number of sacks of cement used in well seal NONE sacks
Number of sacks of bentonite used in well seal DRILLING MUD sacks
Brand name of bentonite WYOMING
Number of pounds of bentonite per 100 gallons
of water 4 N KAWIN lbs./100 gals.
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: 3/4 NINOS
Gravel placed from 0 ft. to 610 ft.

(10) LOCATION OF WELL: HARNEY COUNTY

County HARNEY Driller's well number 331
SE 1/4 SE 1/4 Section 31 T. 33S R. 31E W.M.

Bearing and distance from section or subdivision corner

600 ft Sp of North line + 500 ft West of East line

(11) WATER LEVEL: Completed well.

Depth at which water was first found 70 ft.

Static level 70 ft. below land surface. Date NOV. 5 1973

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing

Depth drilled 610 ft. Depth of completed well 610 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
TOP SOIL	0	8	
SHALE BLUE	8	13	
SAND FINE	13	88	10
SHALE BLUE	88	106	11
SAND FINE	106	108	11
CLAY BLUE	108	232	11
SAND FINE	232	256	11
CLAY BLUE	256	287	11
SAND FINE	287	297	11
CLAY BL	297	380	11
GRAVEL FINE	380	388	11
CLAY BL	388	471	11
SAND FINE	471	488	11
CLAY BL	488	531	11
SAND FINE	531	544	11
CLAY BL	544	580	11
SAND MED	580	600	11
CLAY BL	600	610	11

Work started Oct 9 1973 Completed Nov 5 1973

Date well drilling machine moved off of well Nov 5 1973

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] J. L. McGuire Date Nov 15, 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 81

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

Address RT 3 CAIRWELL IDAHO 83605

[Signed] J. L. McGuire
(Water Well Contractor)

Contractor's License No. 383 Date Nov 15, 1973