

NOTICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97110

within 30 days from the date
of well completion.

RECEIVED

MAR 16 1971

WATER WELL REPORT

STATE OF OREGON

STATE ENGINEER
SALEM, OREGON

(Please type or print)
(Do not write above this line)

UMAT
251

State Well No.

4N/28-23cb/

State Permit No.

(1) OWNER:

Name O.S.W. Exp. Station
Address HERMISTON, OREGON

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

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

(4) PROPOSED USE (check):

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

CASING INSTALLED:

Threaded ☐ Welded ☒

10" Diam. from 0 ft. to 22.9 ft. Gage 277
6" Diam. from 37.4 ft. to 43.4 ft. Gage 250
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated ☒ Yes ☐ No

Type of perforator used MILLS KNIFE ON 10" DIA.
Size of perforations 1/2" X 2" in.
54 perforations from 94 ft. to 102 ft.
22.9 perforations from 2 ft. to ft.
16 perforations from 220 ft. to 228 ft.
60' 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) WATER LEVEL: Completed well.

Static level ft. below land surface Date

Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is
lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? Col. Pump Co.

Yield: 800 gal./min. with 20 ft. drawdown after 6 hrs.

" " " "

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

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(10) CONSTRUCTION:

Well seal—Material used Bentonite & Clay

Depth of seal 20 ft.

Diameter of well bore to bottom of seal 12 in.

Were any loose strata cemented off? ☐ Yes ☒ No Depth

Was a drive shoe used? ☒ Yes ☐ No

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) LOCATION OF WELL:

County Umatilla Driller's well number

SW 1/4 NW 1/4 Section 22 T4N R.28E W.M.

Bearing and distance from section or subdivision corner

app. 600' East of Hermiston
Trinkle Highway

(12) WELL LOG:

Diameter of well below casing

Depth drilled 62.5 ft. Depth of completed well 62.5 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Soil & Silt	0	6	0
Gravel	6	30	0
Yellow Clay	30	96	72
Gravel	96	102	72
Yellow Clay	102	165	72
Blue Clay w/ Gravel	165	225	72
Gravel	225	229	72
Basalt Med Hard	229	402	72
Shale Covering			
Basalt Clay w/ Gravel	402	434	72
Basalt	434	500	72
Pump test @ 500'			
Resuming drilling 6' hole			
Med hard to hard			
Basalt	500	547	
Med soft	547	625	54
Well was not pump tested upon completion			

Work started July 18 19 70 Completed Feb 10 19 71

Date well drilling machine moved off of well Feb 15 19 71

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. F. [Signature] Date 3/10, 19 71
(Drilling Machine Operator)

Drilling Machine Operator's License No. 357

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 J. R. [Signature]
(Person, firm or corporation) (Type or print)

Address 13525 NE Clackamas Pkwy

[Signed] J. R. [Signature]
(Water Well Contractor)

Contractor's License No. 405 Date 3/15, 19 71