

NOTICE TO WATER WELL CONTRACTOR

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

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

RECEIVED
APR 28 1966
STATE ENGINEER
DAVID L. JOHNSON

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

UMAT
5170

State Well No.

6N/36-18

State Permit No.

(1) OWNER:

Name Weldon Ferguson
Address 809 Davis St. Milton, F. Oregon

(2) LOCATION OF WELL:

County Umatilla Driller's well number
1/4 1/4 Section 18 T. 6N R. 36E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
In abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

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

(5) TYPE OF WELL:

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

(6) CASING INSTALLED:

Threaded ☐ Welded ☒
14" Diam. from 0 ft. to 440 ft. Gage 217
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? ☒ Yes ☐ No
Type of perforator used Cut with Tool
Size of perforations 1/4 in. by 6" to 8" in.
perforations from 70 ft. to 430 ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS:

Well screen installed? ☐ Yes ☒ No
Manufacturer's Name _____ Model No. _____
Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

Well seal—Material used in seal Cement
Depth of seal 40 ft. Was a packer used? No
Diameter of well bore to bottom of seal 16" in.
Were any loose strata cemented off? ☐ Yes ☒ No Depth _____
Was a drive shoe used? ☒ Yes ☐ No Reinforced pipe was used
Was well gravel packed? ☒ Yes ☐ No Size of gravel: 1 1/2" in.
Gravel placed from 40 ft. to 360 ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? _____ depth of strata _____
Method of sealing strata off _____

(10) WATER LEVELS:

Static level 40 ft. below land surface Date 3/29/66
Artesian pressure _____ lbs. per square inch Date _____

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? W.E. Puller
Yield: gal./min. with ft. drawdown after 8 hrs.
350 " 210 "

Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date April 29, 1966
Temperature of water 48 Was a chemical analysis made? ☐ Yes ☒ No

(12) WELL LOG:

Diameter of well below casing 13"
Depth drilled 525 ft. Depth of completed well 525 ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Brown Soil	0	6
Brown Sandy soil	6	10
Brown Clay & sand	10	25
Light Brown Clay & sand	25	35
2. Darker Brown. and gravel	35	45
Dark B. Clay & gr. up to 3" in	45	59
Light B. - 1 - sand	59	85
Dark B. Clay & gr. 1/4" to 3" in	85	105
Dark B. Clay & gr.	105	110
Sand gravel with water in it	110	111
Brown Hard pan drilling slow	111	120
Brown H.P. drilling slow	120	122
Brown clay & gr.	122	128
Gray Cemented gravel Hard	128	142
Brown Clay & gr. 1/4" to 1" in	142	154
Brown Hard pan drilling slow	154	182
Brown clay & gr. up to 3" in	182	191
Blue clay no gravel in it	191	371
Brown Clay & gr. & sand	371	387
Light Gray clay slightly brownish	387	405
Light clay - - - sand and	405	437
Hot Red Rock Basalt black & brown	437	459
Gray Basalt R. Hard	459	470
Gray - - - Cement Blasted	470	505

Work started 12/20 1965 Completed Mar. 30 1966
Date well drilling machine moved off of well April 1, 1966

(13) PUMP: Clarke Rock Block = 505 = 525 - 505 = 20 ft. water Blue Clay = 517 = 525 - 517 = 8 ft. water

Manufacturer's Name Jayne Pump
Type: Turning H.P. 60 H.P.

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 Puller W. Davis
(Person, firm or corporation) (Type or print)

Address P.O. Box 162 M.F. Ore

Drilling Machine Operator's License No. 147

[Signed] Puller W. Davis
(Water Well Contractor)

Contractor's License No. 159 Date Apr. 1 1966