

NOTICE TO WATER WELL CONTRACTOR

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

RECEIVED
DEC 26 1969

STATE ENGINEER WATER WELL REPORT

STATE OF OREGON

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

STATE ENGINEER, SALEM, OREGON 97301
within 30 days from the date of well completion.

**STATE ENGINEER
SALEM, OREGON**

UMAT
1015

State Well No. 2N/33-20

State Permit No. _____

(1) OWNER:

Name Louis A. & Bernice C. Umbarger
Address Rt 1, Box 220
Pendleton, Oregon 97801

(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

(5) CASING INSTALLED:

Threaded Welded
12" Diam. from 0 ft. to 62 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(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.
_____ 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 24 ft. below land surface Date 12/5/69
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? Columbia Pump Co.
Q: 180 gal./min. with 211 ft. drawdown after 1 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
Depth of seal 22 ft.
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
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 _____
1/4 1/4 Section 20 T. 2 N. R. 33E W.M.
Bearing and distance from section or subdivision corner _____

(12) WELL LOG:

Diameter of well below casing 12" to 400"
8" to 608 ft.
Depth drilled 608 ft. Depth of completed well 608 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	0	12	0
Soil, gravel & clay	12	62	0
Grey rock, medium	62	191	0
Red rock, soft, little water	191	204	17
Grey rock, hard	204	319	17
Blue rock, medium	319	336	17
Boulders & sand	336	341	17
Brown clay & fine gravel	341	352	17
Grey rock, hard	352	361	17
Black clay & fine gravel	361	366	17
Red rock, hard	366	380	17
Grey rock, hard	380	485	17
Red rock, medium	485	495	24
Grey rock	495	499	24
Red rock, soft	499	519	24
Grey rock	519	561	24
Grey sand & boulders	561	568	24
Bl shale, clay & fine grvl	568	581	24
Grey rock	581	608	24

Work started June 2 1969 Completed Dec 5 1969
Date well drilling machine moved off of well Dec 5 1969

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] John Hershey Date Dec 22, 1969
(Drilling Machine Operator)

Drilling Machine Operator's License No. 143

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 John Hershey Well Drilling
(Person, firm or corporation) (Type or print)

Address Rt 3, Box 343, Hermiston, Oregon

[Signed] John Hershey
(Water Well Contractor)

Contractor's License No. 315 Date Dec 22, 1969