

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

RECEIVED

WATER WELL REPORT

OCT 17 1978

UMAT
1723

State Well No. 4N/28E-26a
State Permit No. G-7381 ?

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310
WATER RESOURCES DEPT. SALEM, OREGON
(Please type or print)
Do not write above this line)

(1) OWNER:

Name Marvin R. Simmons
Address P.O. Box 662 Hermiston, Oregon 97108

(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
" Diam. from 1.0 ft. to 1.72 ft. Gage 258
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

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?
Yield: 100+ gal./min. with 30 ft. drawdown after 1 1/2 hrs.
75 gal/min @ 200 ft 10 min
60 gal/min @ 160 ft 10 min
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow NONE g.p.m.
Temperature of water 55 Depth artesian flow encountered NONE ft.

(9) CONSTRUCTION:

Well seal—Material used Cement & gravel
Well sealed from land surface to 22' ft.
Diameter of well bore to bottom of seal 10 3/4 in.
Diameter of well bore below seal 7 3/4 in. Drill shoe
Number of sacks of cement used in well seal _____ sacks
How was cement grout placed? Tremied through R.C.P. pipe. Pulled surface pipe & topped off well seal.
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 Umatilla Driller's well number 108
NE 1/4 NW 1/4 Section 2 T. 4N R. 28E. W.M.

Bearing and distance from section or subdivision corner
480' ft. South & 160ft west of NE corner of NW 1/4

(11) WATER LEVEL: Completed well.

Depth at which water was first found 90.0 ft.
Static level 83.0 ft. below land surface. Date Oct 12, 1978
Artesian pressure NONE lbs. per square inch. Date Oct 12, 1978

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 303.0 ft. Depth of completed well 303.0 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 |
|-------------------------------|--------------|--------------|-------------|
| <u>Silty sand Top Soil</u> | <u>0.0</u> | <u>3.0</u> | |
| <u>Coarse grey sand</u> | <u>3.0</u> | <u>107.0</u> | <u>90.0</u> |
| <u>Sand & Gravel</u> | <u>107.0</u> | <u>156.0</u> | |
| <u>Blue Clay</u> | <u>156.0</u> | <u>166.0</u> | |
| <u>viscous Basalt clay</u> | <u>166.0</u> | <u>181.0</u> | |
| <u>Hard Grey Basalt</u> | <u>181.0</u> | <u>193.0</u> | <u>83.0</u> |
| <u>Hard Black Basalt</u> | <u>193.0</u> | <u>289.0</u> | |
| <u>Med. Hard Black Basalt</u> | <u>289.0</u> | <u>303.0</u> | <u>83.0</u> |

Work started Oct. 9, 1978 Completed Oct. 12 1978
Date well drilling machine moved off of well Oct. 12 1978

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 J. Brown Date Oct. 14, 1978
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1153

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 Brown & Brown Drilling Co.
(Person, firm or corporation) (Type of print)
Address P.O. Box 124 Hermiston, Oregon 97108
[Signed] John J. Brown
(Water Well Contractor)
Contractor's License No. 516 Date Oct. 14, 1978