

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

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

RECEIVED

OCT 31 1974

State Well No. 235/31E-18bc

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

(Do not write above this line)

STATE ENGINEER
SALEM, OREGON

State Permit No. _____

Harney 478

(1) OWNER:

Name City of Burns
Address Burns, 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
16" Diam. from 12 ft. to 133 ft. Gage 250
" 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? Harney Farm Supply
Yield: 1237 gal./min. with 17' drawdown after 5 hrs.
" " " " " "
" " " " " "
Bailer test 90 gal./min. with 5 ft. drawdown after 2 hrs.
Artesian flow _____ g.p.m. _____

Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 22 ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal 16 in.
Number of sacks of cement used in well seal 56 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons
of water _____ 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 Surface depth of strata 129'
Method of sealing strata off Casing & Cement
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Harney Driller's well number _____
S.W. $\frac{1}{4}$ N. $\frac{1}{4}$ Section 18 T. 235 R. 31E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 240 ft.
Static level 13' 4" ft. below land surface. Date 8-7-74
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 16"
Depth drilled 290 ft. Depth of completed well 290 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
Clay - Brown	0	12	
Clay & Cong. Brown	12	22	13' 4"
Clay & Cong. Gray	22	26	
Clay & Cong. Brown	26	72	
Clay - Brown	72	91	
Pumice	91	93	
Clay & Cong - Brown	93	125	
Clay - Brown	125	137	
Clay & Cong. Brown	137	160	
Clay - Brown	160	242	
Cinders - Red	242	290	

Work started 7-5 1974 Completed 8-8 1974
Date well drilling machine moved off of well 8-9 1974

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] Davidson Davidson Date 8-29, 1974
(Drilling Machine Operator)

Drilling Machine Operator's License No. 685

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 Davidson Drilling
(Person, firm or corporation) (Type or print)

Address 626 N.W. Pershall - Redmond, Ore.

[Signed] Davidson Davidson
(Water Well Contractor)

Contractor's License No. 548 Date 8-29, 1974