

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.

UMAT
3397

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

OCT 26 1972

STATE ENGINEER

SALEM, OREGON

State Well No. 3N/28E-226

State Permit No. G-5818

(1) OWNER:

Name Power City Co-op
Address Power City OREGON
Rt 2 Box 2611

(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 ☐
8" Diam. from 1 ft. to 19 ft. Gage 4
" 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? Pakin Pump
Yield: 155 gal./min. with 149 ft. drawdown after 12 hrs.

" air lift 150 " " " " " "
Bailer test 7 gal./min. with ? ft. drawdown after 4 hrs.

Artesian flow _____ g.p.m.
Temperature of water 62 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement, sand
Well sealed from land surface to 19 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 7 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? _____ 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 UMITILLA Driller's well number _____
NE 1/4 NW 1/4 Section 22 T. 5N R. 28E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 152 ft.
Static level 166 ft. below land surface. Date 9/20/72
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 397 ft. Depth of completed well 397 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
SANDY TOP SOIL	0	2	
BAULDERS (MED)	2	6	
SAND & GRAVEL	6	12	
GREY BASALT (HARD)	12	150	
WHITE OR LITE GRAY	150	152	
BLUE CLAY OR STONE	152	195	166
GREY BASALT HARD	195	206	
WHITE BASALT (EXT HARD)	206	242	
BASALT WITH BLUE CLAY	242	359	
Seams			
Pink Rock	359	368	
Porus lava (Med)	368	382	
Grey Basalt Hard	382	397	

Work started 8-14 1972 Completed 9/20 1972
Date well drilling machine moved off of well 9/20 1972

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] Dick Akins Date 10-4, 1972
(Drilling Machine Operator)

Drilling Machine Operator's License No. 249

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 Dick Akins Well Drilling
(Person, firm or corporation) (Type or print)

Address P.O. Box # 264 Prineville, Ore. 97754

[Signed] Dick Akins
(Water Well Contractor)

Contractor's License No. 260 Date 10/4, 1972