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UMAT
13W

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

RECEIVED

AUG 7 1974

State Well No. 3N/29E-16

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

STATE ENGINEER
SALEM, OREGON

State Permit No. G-8546

Well # 4

(Do not write above this line)

(1) OWNER:

Name City of Echo
Address Echo, Oregon 97826

(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
10" Diam. from 0 ft. to 45 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. _____

(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: 656 gal./min. with 18 ft. drawdown after 13 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with ft. drawdown after 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 15 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 20 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 Umatilla Driller's well number 4 WSE
1/4 1/4 Section 16 T. 37N. R. 29E. W.M.
Bearing and distance from section or subdivision corner
Tax lot 3200

(11) WATER LEVEL: Completed well.

Depth at which water was first found 353 ft.
Static level 315 ft. below land surface. Date 7-15-74
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 10"
Depth drilled 600 ft. Depth of completed well 600 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
Topsoil	0	5	
Claystone	5	20	
Rock, brown	20	37	
Basalt	37	146	
Rock, med. black	146	289	
Basalt	289	341	
Basalt, hard, gray	341	353	
Rock, porous, black	353	415	W.B.
Basalt, black	415	441	
Basalt, hard, gray	441	512	
Rock, black + blue claystone	512	532	
Rock, med. gray	532	548	
Rock, brown	548	554	
Basalt	554	585	
Rock, porous	585	600	W.B.

Work started 5-20 1974 Completed 8-1 1974
Date well drilling machine moved off of well 6-4 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] James T. Dental Date 8-5, 1974
(Drilling Machine Operator)
Drilling Machine Operator's License No. 665

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 TROY GRIFFIN
(Person, firm or corporation) (Type or print)
Address 900 HERMISTON AVE, HERMISTON, ORE
[Signed] Troy Griffin
(Water Well Contractor)
Contractor's License No. 665 Date 8-2, 1974