

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 2519 WATER WELL REPORT

STATE OF OREGON (Please type or print)

(Do not write above this line)

RECEIVED

APR 27 1977

State Well No. 4N/28E-246

State Permit No.

UMAT 2519

(1) OWNER:

Name IVAN + VERNON COOK  
Address ECHO, 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   
4" Diam. from 0 ft. to 218 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? Jayne Pump

Flow	gal./min. with	ft. drawdown after	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 NEAT CEMENT  
Well sealed from land surface to 218 ft.  
Diameter of well bore to bottom of seal 17 in.  
Diameter of well bore below seal 14 in.  
Number of sacks of cement used in well seal 25 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 Wasco Driller's well number 09-77  
NW 1/4 SE 1/4 Section 24 T. 4N, R. 28 E. W.M.  
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 265 ft.  
Static level 287 ft. below land surface. Date 4-14-77  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 14" 6 3/8"  
Depth drilled 1137 ft. Depth of completed well 1137 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 SOIL	0	23	
CLAY BROWN + GRAY	23	178	
GRAVEL	178	182	
SOFT GREY BASALT	182	206	
HARD GREY BASALT	206	265	
SOFT RED BASALT / SOAPSTONE	265	276	WATER
HARD GREY BASALT	276	334	
MED. HARD GREY "	334	415	
HARD GREY BASALT	415	470	
SOFT GREY + RED "	470	490	
GREY "	490	567	
BROKEN GREY "	567	617	
HARD GREY "	617	677	
BROKEN GREY "	677	685	WATER
HARD GREY "	685	814	
BROKEN W/SOAPSTONE	814	912	WATER
HARD GREY "	912	1070	
MED. GREY "	1070	1104	
BROKEN GREY "	1104	1137	WATER

Work started 3-22 1977 Completed 4-14 1977  
Date well drilling machine moved off of well 4-14 1977

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] Chappelle Date 4-20, 1977  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 886

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 Wallace Well Drilling Co  
(Person, firm or corporation) (Type of print)

Address PENDLETON, ORE.

[Signed] Chappelle  
(Water Well Contractor)

Contractor's License No. 583 Date 4-20, 1977