

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 55

G-7101

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

DEC 18 1975

State Well No. 322/32 E-86d

State Permit No. B-6361

WATER RESOURCES DEPT.

SALEM, OREGON

Umatilla County

(1) OWNER:

Name Russell R. Kulm
Address P.O.Box 609
Pilot Rock, Ore. 97868

(2) TYPE OF WORK (check):

New Well [x] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [x] Cable [ ] Dug [ ]
Driven [ ] Jetted [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [x] Test Well [ ] Other [ ]

CASING INSTALLED:

16" Diam. from +1 ft. to 40 ft. Gage .375
Threaded [ ] Welded [x]

PERFORATIONS:

Perforated? [ ] Yes [x] No
Type of perforator used
Size of perforations in. by in.

(7) SCREENS:

Well screen installed? [ ] Yes [x] No
Manufacturer's Name
Type Model No.
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? [x] Yes [ ] No If yes, by whom? Gr. Valley Pump
Yield: 1800 gal./min. with 44 ft. drawdown after 4 hrs.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 40 ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal 15 in.
Number of sacks of cement used in well seal 40 sacks
Number of sacks of bentonite used in well seal
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water
Was a drive shoe used? [ ] Yes [x] No Plugs Size: location ft.
Did any strata contain unusable water? [ ] Yes [x] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [ ] Yes [x] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Harney Driller's well number
SE 1/4 NW 1/4 Section 8 T. 35 R. 32 E.W.M.
Bearing and distance from section or subdivision corner
650' N & 420' W from SE corner of NW 1/4 of Section 8

(11) WATER LEVEL: Completed well.

Depth at which water was first found 74 ft.
Static level 71 ft. below land surface. Date 11/17/75
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 15"-500
Depth drilled 928 ft. Depth of completed well 8"-928 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.

Table with columns: MATERIAL, From, To, SWL. Rows include Top soil, Gravel & clay, Clay, red, Clay, brown, Basalt, brown, soft, Basalt, gray, hard, Clay, red, soft, Clay, yellow, hard, Basalt, brown, trace of clay, Basalt, gray, hard, Basalt, brown, med. hard, Basalt, gray, hard, Basalt, brown, trace of yellow clay, Basalt, brown, soft, Basalt, gray, hard, Basalt, brown soft, Basalt, black hard, Basalt, blk. trace of clay.

Work started 8/19 1975 Completed 11/5 1975
Date well drilling machine moved off of well 11/6 1975

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] Richard F. Pinter Date Dec, 1, 1975
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1007

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 MADDOX DRILLING
Address Box P, Moses Lake, WA 98837
[Signed] Glen Maddox
(Water Well Contractor)
Contractor's License No. 555 Date 12/15, 1975

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

WATER WELL REPORT

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

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. ....

State Permit No. ....

(1) OWNER:

Name \_\_\_\_\_

Address \_\_\_\_\_

(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

" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

" 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: \_\_\_\_\_ 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 \_\_\_\_\_

Well sealed from land surface to \_\_\_\_\_ ft.

Diameter of well bore to bottom of seal \_\_\_\_\_ in.

Diameter of well bore below seal \_\_\_\_\_ in.

Number of sacks of cement used in well seal \_\_\_\_\_ 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 \_\_\_\_\_ Driller's well number \_\_\_\_\_

\_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Section T. R. W.M.

Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found \_\_\_\_\_ ft.

Static level \_\_\_\_\_ ft. below land surface. Date \_\_\_\_\_

Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing \_\_\_\_\_

Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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
Basalt, blk, med. hard	406	438	
Basalt, brown, soft, trace of yellow clay - Water at 438'	438	454	
Basalt, gray, black, hard	454	534	
Basalt, black & brown	534	544	
Basalt, broken, red Water at 537, 544, & 599	544	568	
Basalt, black hard	568	595	
Basalt, brown soft tr. of clay	595	605	
Basalt, black hard	605	620	
Basalt, brown soft	620	654	
Basalt, blk & brn med hard	654	660	
Basalt, black hard	660	788	
Basalt, black hard, trace of clay Blue seams	788	792	
Basalt black clay seams	792	928	
Water 654 & 925			

Work started \_\_\_\_\_ 19 Completed \_\_\_\_\_ 19

Date well drilling machine moved off of well \_\_\_\_\_ 19

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] \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_\_  
(Drilling Machine Operator)

Drilling Machine Operator's License No. \_\_\_\_\_

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 \_\_\_\_\_  
(Person, firm or corporation) (Type or print)

Address \_\_\_\_\_

[Signed] Glen Maddy  
(Water Well Contractor)

Contractor's License No. \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_\_  
(USE ADDITIONAL SHEETS IF NECESSARY) SP#45658-119