

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  
1215

WATER WELL REPORT

STATE OF OREGON  
(Please type or print)

RECEIVED

MAY 25 1976

State Well No. 3N/28E-26 23

(Do not write above this line) WATER RESOURCES DEPT. No. LEL#1  
SALEM, OREGON

(1) OWNER:

Name L & L FARMS INC.  
Address 807 W. TAMARACK  
HERMISTON, 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  Cable  Dug  Driven  Jetted  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal  Irrigation  Test Well  Other

(5) CASING INSTALLED:

16" Diam. from +1 ft. to -49 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 ..... Model No. ....  
Type .....  
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: 2000+ gal./min. with ..... ft. drawdown after ..... hrs.  
AIR LIFT " " " " " "  
" " " " " " " "  
Bailer test ..... gal./min. with ..... ft. drawdown after ..... hrs.  
Artesian flow NONE g.p.m.  
Temperature of water 66 Depth artesian flow encountered ..... ft.

(9) CONSTRUCTION:

Well seal—Material used NEAT CEMENT  
Well sealed from land surface to 49 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 50 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 TAMATILLA Driller's well number 04-76  
SW 1/4 SE 1/4 Section 26 T. 3N 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 306 ft.  
Static level 330 ft. below land surface. Date 4-20-76  
Artesian pressure NONE lbs. per square inch. Date .....

(12) WELL LOG:

Depth drilled 1,012 ft. Diameter of well below casing 16" to 1,012 ft.  
Depth of completed well 1,012 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
SILT SAND	0	14	
GRAVEL CLAY	14	30	
MED. HARD BROWN BASALT	30	65	
HARD GREY	65	85	
MED. HARD GREY	85	127	
SOFT GREY	127	135	
HARD GREY	135	256	
MED. HARD GREY	256	281	
HARD GREY	281	306	
SOFT, BROKEN, SEAMS	306	331	WATER
HARD GREY	331	452	
BROKEN GREY w/soapstone	452	456	WATER
HARD GREY BASALT	456	538	
BROKEN w/SEAMS	538	638	WATER
HARD GREY	638	888	
BROKEN w/soapstone	888	913	WATER
HARD GREY BASALT	913	913	
BROKEN BASALT	913	988	WATER
HARD GREY BASALT	988	1012	

Work started 2-26 19 76 Completed 4-20 19 76  
Date well drilling machine moved off of well 4-24 19 76

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] Herbert A. Wallace Date 5-23, 19 76  
(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 DRG. CO.  
(Person, firm or corporation) (Type or print)

Address Box 792 PENDELTON

[Signed] Herbert A. Wallace  
(Water Well Contractor)

Contractor's License No. 583 Date 5-23, 19 76

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within 30 days from the date  
of well completion.

WATER WELL REPORT

STATE OF OREGON  
(Please type or print)

(Do not write above this line)

RECEIVED

MAY 25 1976 State Well No.

WATER RESOURCES DEPT.  
SALEM, OREGON State Permit No.

UMAT  
1216

6-7441

3N/28E-26

L&L#2

(1) OWNER:

Name L & L FARMS INC.  
Address P.O. Box 611  
ESHO, ORE.

(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 0 ft. to 81 ft. Gage 1250  
" 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: 1000 gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
AIR LIFT " " " "  
" " " "  
Bailer test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow NONE g.p.m.  
Temperature of water 67 Depth artesian flow encountered NONE ft.

(9) CONSTRUCTION:

Well seal—Material used HEAT CEMENT  
Well sealed from land surface to 81 ft.  
Diameter of well bore to bottom of seal 20 in.  
Diameter of well bore below seal 14 in. TO 450 FT.  
Number of sacks of cement used in well seal 50 sacks  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons 5 GAL. WATER  
of water PER BAG CEMENT 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 7-76  
NE 1/4 NW 1/4 Section 26 T. 3N 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 327 ft.  
Static level 330 ft. below land surface. Date 5-7-76  
Artesian pressure NONE lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing 14" TO 450 FT.

Depth drilled 911 ft. Depth of completed well 911 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
SAND, SILT	0	4	
CLAY	4	12	
GRAVEL	12	38	
BROWN BASALT	38	67	
HARD GREY BASALT	67	145	
BROKEN RED BASALT	145	165	
HARD GREY BASALT	165	274	
BROKEN GREY BASALT	274	295	
HARD GREY BASALT	295	327	
BROKEN W/ SOAP STONE	327	341	WATER
HARD GREY BASALT	341	425	
BROKEN GREY SOAPSTONE	425	435	WATER
HARD GREY BASALT	435	601	
BROKEN GREY BASALT	601	608	
HARD GREY BASALT	608	615	
BROKEN GREY BASALT	615	650	
MED. HARD GREY	650	870	
BROKEN GREY BASALT	870	901	WATER
HARD GREY BASALT	901	911	

Work started 4-26 1976 Completed 5-7 1976  
Date well drilling machine moved off of well 5-7 1976

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] Everett A. Wallace Date 5-23 1976  
(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 or print)

Address 201 1/2 PENDLETON, O.R.

[Signed] Everett A. Wallace  
(Water Well Contractor)

Contractor's License No. 593 Date 5-23 1976

RECEIVED

UMAT 5816

3N/28E/23W 46860

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

MAY 17 1993

WATER RESOURCES DEPT. SALEM, OREGON

(START CARD) #

(1) OWNER: Name L & L Farms Address P.O. Box 63 City Echo State OR Zip 97826

(9) LOCATION OF WELL by legal description: County Umatilla Latitude Longitude Township 3N N or S. Range 28E E or W. WM. Section 23 NW 1/4 NW 1/4 Tax Lot 7100 Lot Block Subdivision Street Address of Well (or nearest address) Echo, OR 97826

(2) TYPE OF WORK: [ ] New Well [x] Deepen [x] Recondition [ ] Abandon

(10) STATIC WATER LEVEL: 349 ft. below land surface. Date 1-26-93 Artesian pressure lb. per square inch. Date

(3) DRILL METHOD: [x] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Other

(11) WATER BEARING ZONES: Depth at which water was first found 978

(4) PROPOSED USE: [ ] Domestic [ ] Community [ ] Industrial [x] Irrigation [ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [ ] Yes [x] No Depth of Completed Well 1055 ft. Explosives used [ ] Yes [x] No Type Amount

Table with 4 columns: From, To, Estimated Flow Rate, SWL. Row 1: 978, 986, 300

HOLE SEAL table with columns: Diameter, From, To, Material, From, To, Amount sacks or pounds. Row 1: 14", 0, 600, N/A, , , . Row 2: 8", 600, 1055, , , .

(12) WELL LOG: Ground elevation

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E [ ] Other

Well log table with columns: Material, From, To, SWL. Entries: Reconditioning & Deepening Procedure; Existing hole was: 14" from 0 to 500, 8" from 500 to 936; Well was reamed to 14" from 500 to 600; Well was deepened from 936 to 1055; Gray basalt 936-978; Black basalt with green soapstone 978-986 WB; Gray basalt 986-1055

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: N/A. Liner:

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [ ] Perforations Method [ ] Screens Type Material

Table for perforations/screens with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour

Well tests table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Row 1: 1500+, , 1055, 1 hr.

Date started 12-22-93 Completed 1-26-93 (unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number Signed Date

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above.

All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1218 Signed Patrick Wallace Date 2-20-93



NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

UMAT 1224

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

WATER RESOURCES DEPT. RECEIVED

NOV 1 1976

State Well No.

State Permit No.

3N 28E 34

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

(1) OWNER:

Name Glen Maddox Address P. O. Drawer P, Moses Lake, Wa. 98837

(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] Driven [ ] Cable [ ] Jetted [ ] Dug [ ] Bored [ ]

(4) PROPOSED USE (check):

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

CASING INSTALLED:

16" Diam. from +1 ft. to 44 ft. Threaded [ ] Welded [x] Gage .250

PERFORATIONS:

Type of perforator used Size of perforations in. by in. perforations from ft. to ft.

(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? Valley Pump Yield: 3260 gal./min. with 17 ft. drawdown after 8 hrs.

(9) CONSTRUCTION:

Well seal—Material used Cement Well sealed from land surface to 44 ft. Diameter of well bore to bottom of seal 26 in. Diameter of well bore below seal 15 in. Number of sacks of cement used in well seal 105 sacks

(10) LOCATION OF WELL:

County Umatilla Driller's well number #1 1/4 Section 34 T. 3N R. 28E W.M. Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 404 ft. Static level 425 ft. below land surface. Date 9/20/76 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing Depth drilled 830 ft. Depth of completed well 830 ft. Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated.

Table with 4 columns: MATERIAL, From, To, SWL. Rows include Top Soil, Gravel cemented, Basalt broken brown, Basalt med hard brown, Basalt med black, Basalt hard black, Basalt soft blk(quartz & clay), Basalt hard black, Basalt soft brown, Basalt soft black, Basalt med black, Basalt soft black & blue clay, Basalt soft black, Basalt med black, Basalt hard black, Basalt soft black, Basalt med black, Basalt hard black.

Work started 8/20 19 76 Completed 9/10 19 76 Date well drilling machine moved off of well 9/10 19 76

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. P. ... Date 10/1 19 76 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 Steve Moore (Person, firm or corporation) (Type or print) Address P. O. Box P, Moses Lake, Wa. 98837 [Signed] Steve Moore (Water Well Contractor) Contractor's License No. 628 Date 10/1 19 76

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.

# WATER WELL REPORT UMAT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. ....

State Permit No. G-5812

**(1) OWNER:**

Name Glen Maddox  
Address P. O. Box P, Moses Lake, Wa. 98837

**(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 Umatilla Driller's well number #1  
1/4 Section 34 T. 3N R. 28E 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 soft black	330	339	
Basalt hard black	339	362	
Basalt soft black	362	404	
Basalt hard black	404	486	
Basalt soft blk & clay seams	486	498	
Basalt soft black	498	535	
Basalt med black	535	559	
Basalt brown & black water	559	561	
Basalt soft black	561	569	
Basalt med black	569	584	
Basalt soft black 621 water	584	660	
Basalt hard black 646 water	660	666	
Basalt soft black 700 water	666	707	
Basalt hard black	707	732	
Basalt soft black broken	732	740	
Basalt red soft 740 water	740	750	
Basalt hard black	750	804	
Basalt soft black 810 water	804	830	
825 water			

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] ..... (Water Well Contractor)  
Contractor's License No. .... Date ..... 19.....

October 28, 1976

RECEIVED  
NOV 1 1976  
WATER RESOURCES DEPT.  
SALEM, OREGON

Water Resources Department  
1178 Chemeketa Street N. E.  
Salem, Oregon 97310

Re: File #G-5820 - Permit #G-5812

Gentlemen:

As you can see from the enclosed well log, this well yields 3,260 gallons per minute. This is sufficient water to irrigate the ground that this permit applies to, so it will not be necessary to drill another well. I hope this meets with your approval.

Sincerely yours,

*Glen Maddox*

GLEN MADDOX  
P. O. Drawer P  
Moses Lake, Wa. 98837





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**WATER WELL REPORT**

WATER RESOURCES DEPARTMENT,  
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. 4N/29E-20dd

State Permit No. North of Feedville

**RECEIVED**

APR 18 1978

UMAT  
2881

**(1) OWNER:**

Name IVAN + VERNON CRANK  
Address CIRCLE C RANCH, SALEM, OREGON  
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  Cable  Dug  Driven  Jetted  Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal  Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
14" Diam. from 0 ft. to 185 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? VALLEY Pump Co.  
d: 2357 gal./min. with 114" ft. drawdown after 4 hrs.  
1970 " 63 " 4 "  
" " " " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 92 Depth artesian flow encountered ft.

**(9) CONSTRUCTION:**

Well seal—Material used NEAT CEMENT  
Well sealed from land surface to 185 ft.  
Diameter of well bore to bottom of seal 18 in.  
Diameter of well bore below seal 14 in.  
Number of sacks of cement used in well seal 80 sacks  
How was cement grout placed?

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 01-78  
SE 1/4 SE 1/4 Section 20 T. 4N. R. 29 E W.M.  
Bearing and distance from section or subdivision corner  
SW 1/4 M2

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 300 ft.  
Static level 297 ft. below land surface. Date 4-2-78  
Artesian pressure NONE lbs. per square inch. Date

**(12) WELL LOG:**

Diameter of well below casing 14" to 500"  
Depth drilled 1361 ft. Depth of completed well 1361 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
SOIL CLAY GRAVEL	0	110	
SOFT GREY BASALT	110	175	
HARD " "	175	300	
BECKEN " "	300	330	water
MED. " "	330	400	
" " "	400	485	
BROKEN " "	485	575	
MED. GREY " "	575	889	
SOFT " "	889	915	
BROKEN " "	915	1010	water
HARD " "	1010	1220	
BROKEN " "	1220	1274	water
MED. " "	1274	1286	
HARD " "	1286	1321	
BROKEN " "	1321	1359	water
HARD " "	1359	1361	

Work started 1-19 19 78 Completed 2-12 19 78  
Date well drilling machine moved off of well 2-12 19 78

**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] Wallace Date 4-6 19 78  
(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 or print)  
Address VENNIXTON, OR.  
[Signed] Wallace  
(Water Well Contractor)  
Contractor's License No. 583 Date 4-6 19 78

