



# UMAT 57155

**WATER SUPPLY WELL REPORT -**  
continuation page

**WELL I.D. # L 108240**  
**START CARD # 208746**

**(5) BORE HOLE CONSTRUCTION**

BORE HOLE			SEAL			sacks/ lbs
Dia	From	To	Material	From	To	
15	1,114	1,116				

**FILTER PACK**

From	To	Material	Size

**(6) CASING/LINER**

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
○	○	16		1,057	1,075	375	○	○	X	
○	○	16		1,100	1,114	375	○	○	X	
○	○						○	○		
○	○	30		35	64	375	○	○	X	

**(7) PERFORATIONS/SCREENS**

Perf/S creen	Casing/Screen Liner	Dia	From	To	Scr/slot width	Slot length	# of slots	Tel/ pipe size

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

**Water Quality Concerns**

From	To	Description	Amount	Units

**(10) STATIC WATER LEVEL**

**Water Bearing Zones**

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(R)
NA	436	450	100		N/M
NA	516	530	20		N/M
NA	626	651	1,000		N/M
NA	718	723	200		N/M

**(11) WELL LOG**

Material	From	To
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MAR 18 2013		
SALEM, OR		

**Comments/Remarks**

There is a steel plate ring welded between the 24" and 20" casings at the top of the 24" casing.  
 Bore hole dimensions are nominal diameters.  
 Cement seal listed from 0'-89" is around outside of 24" casing. Other seals are around the 20" casing and between the 24" and 20" casings.

# UMAT 57155

## CITY OF STANFIELD Well No. 5 - Start Card #208746 by Schneider Water Services

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	10	Soil, brown, silty
10	23	Silt, brown, some sandy, packed
23	31	Silt, pinkish brown to brown, cemented
31	32	Silt, brown & gravel, 3" minus
32	36	Gravel, 3" minus & silt, brown
36	45	Silt, brown & gravel, 1-1/2" minus w/some sand
45	48	Gravel, 2-1/2" minus, sandy, cemented
48	54	Silt, brown & gravel, 1" minus w/sand
54	58	Gravel, 3" minus, cemented, sandy
58	60	Gravel, 3" minus & clay, brown, soft
60	65	Gravel, 3" minus, sandy, cemented & some clay
65	75	Basalt, grey & brown, medium, broken & some clay
75	76	Clay, light yellow, sandy, soft
76	79	Basalt, grey & brown, medium, broken
79	97	Basalt, grey & brown, medium-hard, fractured
97	128	Basalt, grey w/ brown, medium, fractured
128	134	Basalt, grey, medium w/claystone, green, medium-soft
134	135	Basalt, grey & some brown, w/some claystone, green, medium-soft
135	144	Basalt, grey medium w/claystone, green, medium-soft & some cinders, red, medium
144	147	Basalt, grey, medium & some claystone, green, medium-soft & some cinders, red, medium
147	152	Basalt, grey, medium-soft, fractured w/claystone, brown-yellow, soft & cinders, red, medium
152	172	Cinders, red, medium-soft w/claystone, brown-yellow, soft & some basalt, grey
172	176	Basalt, grey, medium, fractured w/cinders, red & some claystone, brown-yellow, soft-medium, fractured
176	177	Cinders, red, medium w/claystone, brown-yellow, soft
177	184	Basalt, grey-black, medium, fractured w/some cinders, red
184	270	Basalt, black, hard, some fractures
270	290	Basalt, black, medium, some vesicular w/cinders, red, soft & claystone, blue-green, soft
290	300	Basalt, black & red, medium-hard, some fractures
300	316	Basalt, black & red, medium, fractured w/claystone, green, soft
316	357	Basalt, black, medium-hard, some fractures & vesicles
357	372	Basalt, black, hard, some fractures
372	413	Basalt, black, medium, some vesicles & fractures w/some claystone, green, medium
413	417	Basalt, black, medium, some fractures & vesicles
417	436	Basalt, black-grey, hard, some fractures
436	450	Basalt, black w/grey, medium, fractured w/vesicles & claystone, green, medium-soft
450	460	Basalt, black, hard, some fractures
460	496	Basalt, black-grey, medium, w/fractures & some vesicles
496	530	Basalt, black, medium, w/fractures, some vesicular w/some claystone, green, medium
530	626	Basalt, grey, hard, some fractures
626	651	Basalt, grey, medium, some fractures w/claystone, green-grey, medium & some pyrite
651	652	Basalt, grey, medium, some vesicles
652	671	Basalt, grey, hard some fractures

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# UMAT 57155

## CITY OF STANFIELD

Well No. 5 - Start Card #208746

by Schneider Water Services

<u>FM</u>	<u>TO</u>	<u>DESCRIPTION</u>
671	680	Basalt, grey, medium-hard, fractured, some vesicles & pyrite
680	685	Basalt, grey, hard, some fractures & some claystone & pyrite
685	690	Basalt, grey, hard w/some pyrite
690	700	Basalt, grey, medium-hard, fractured, some vesicles
700	718	Basalt, grey, hard, some fractures
718	723	Basalt, grey, medium, fractured, some vesicles w/claystone, green, medium & some pyrite
723	747	Basalt, grey & some brown, medium-hard, fractured, some vesicles w/some claystone, green, medium & some pyrite
747	753	Basalt, grey, medium-hard, fractured w/some claystone, blue, medium & some pyrite
753	781	Basalt, grey, hard, fractured
781	785	Basalt, grey, hard, fractured w/some claystone, blue, medium
785	800	Basalt, grey, medium, fractured w/some vesicles
800	825	Basalt, grey, hard, fractured
825	826	Basalt, grey & brown, medium-hard, fractured, vesicular w/some claystone, grey, medium
826	828	Basalt, grey, very hard, fractured w/claystone, grey, medium
828	830	Basalt, grey, hard, fractured w/claystone, green, medium
830	835	Basalt, grey, very hard, some fractures
835	862	Basalt, grey, hard, some fractures
862	877	Basalt, grey, medium-hard, fractured, some vesicles & pyrite
877	892	Basalt, grey, medium-hard, fractured, some vesicles w/some claystone, green, medium
892	902	Basalt, grey, medium, fractured, some vesicles & claystone, blue-green, medium & some pyrite
902	904	Basalt, brown, medium, fractured, vesicular
904	909	Basalt, grey, medium-hard, fractured & claystone, blue-green, medium
909	925	Basalt, grey, hard, fractured
925	945	Basalt, dark grey, medium-soft, fractured, some vesicles & occasional claystone, green, soft
945	954	Basalt, grey, hard, some fractures
954	980	Basalt, black, medium-soft, fractured, some vesicles & claystone, green
980	1040	Basalt, dark grey, medium, fractured & some claystone, blue, medium
1040	1055	Basalt, dark grey, soft-medium, fractured, broken, vesicular & some claystone, blue-green, medium
1055	1060	Basalt, dark grey, medium, fractured, some vesicles & occasional claystone, blue-green, hard
1060	1078	Basalt, dark grey, hard, some fractures
1078	1096	Basalt, dark grey & reddish brown, medium-soft, fractured, broken, some vesicles
1096	1111	Basalt, grey, medium-hard, some fractures
1111	1116	Basalt, grey, hard, occasional fracture

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

UMAT 50189

JUL 31 1996

(START CARD) # 76386

Instructions for completing this report are on the last page of this form.

SALEM, OREGON

(1) OWNER: Well Number Name Pilot Travel Center Address 2115 Highway 395 City Stanfield State OR Zip 97

(9) LOCATION OF WELL by legal description: County Umatilla Latitude Longitude Township 3 N or S Range 29 E or W. WM. Section 5 SE 1/4 SE 1/4 Tax Lot 2902 Lot Block Subdivision Street Address of Well (or nearest address)

(2) TYPE OF WORK: [X] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [ ] Yes [X] No Depth of Completed Well 740 ft. Explosives used [ ] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, Material, SEAL From, To, Sacks or pounds. Row 1: 24, 0, 82 1/2, cement, 0, 82 1/2, 70 SKS. Row 2: 8, 82 1/2, 740.

How was seal placed: Method [ ] A [X] B [ ] C [ ] D [ ] E [ ] Other 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: 18, +2, 82 1/2, 325, [X], [ ], [X], [ ]. Liner: 6, +3, 480, 250, [X], [ ], [X], [ ].

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Material, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour. [ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian. Yield gal/min 200 Drawdown Drill stem at Time 740 1 hr.

Temperature of water 56° Depth Artesian Flow Found Was a water analysis done? [ ] Yes By whom Did any strata contain water not suitable for intended use? [ ] Too little [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other Depth of strata:

(10) STATIC WATER LEVEL: 418 ft. below land surface. Date 7-10-96 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 56

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 56, 67, 6 L., 56. Row 2: 259, 271, 10, 90. Row 3: 438, 455, 100 F, 190. Row 4: 718, 740, 200 F, 418.

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Rows include: Silt (0-45), Cemented gravel (45-48), Red Clay (48-56), Glt Breccia (56-67), Black Basalt (67-143), Red Cinders (143-170), Black Basalt (170-230), Grey Basalt (230-259), Uvicular Blue Clay (259-271), Black Basalt (271-438), Uvicular (438-455), Black Basalt (455-472), Grey Basalt (472-542), Black Basalt (542-612), Grey Basalt (612-718), Uvicular basalt (718-736), Fractured Basalt (736-740). Cemented water off to 460 put packer on 6" shoe.

Date started 6-12-96 Completed 7-10-96

(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 water supply well construction standards. Materials used and information reported above are true to the best of my 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 water supply well construction standards. This report is true to the best of my knowledge and belief. WWC Number 759 Signed Date 7-14-96

ORIGINAL & FIRST COPY WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

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APR 24 2013

SALEM, OR

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

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
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)

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JAN 18 1978

State Well No. AN/29E-3266c

State Permit No. \_\_\_\_\_

**UMAT**  
29/62

**(1) OWNER:**

Name CITY OF STANFIELD  
Address STANFIELD OREGON

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 13.

**(3) TYPE OF WELL:**

Rotary  Cable  Driven  Jetted  Bored

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

Domestic  Industrial  Municipal  Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
12" Diam. from +1 ft. to -156 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 APR 4 2013 in.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ perforations from SALEM, OR 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? FARMORE Pump Co.  
Rate: 1227 gal./min. with 185 ft. drawdown after 4 hrs.  
1000 " " " " " "  
" " " " " " " "  
Baller test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 69 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used HEAT CEMENT  
Well sealed from land surface to 157 ft.  
Diameter of well bore to bottom of seal 16 in.  
Diameter of well bore below seal 12 in.  
Number of sacks of cement used in well seal 80 sacks  
How was cement grout placed? ONE CONTINUOUS POUR W/ PROFESSIONAL GROUT PUMP  
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 CLATSOP Driller's well number 070-77  
NW 1/4 NW 1/4 Section 32 T. 4N. R. 29 E. W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

Depth at which water was first found 290 ft.  
Static level 290 ft. below land surface. Date 1-10-78  
Artesian pressure NONE lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 12" TO 725 FT.  
9" below

Depth drilled 1161 ft. Depth of completed well 1161 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	0	30	
GRAVEL	30	46	
BROKEN GR.	46	145	
HARD GREY	"	145	217
BROKEN IRON	"	217	226
MED. GREY	"	226	290
SOFT RED	"	290	245 WATER
HARD GREY	"	345	475
MED. HARD GREY	"	475	612
SOFT GREY	"	612	627
MED. GREY	"	627	810
SOFT GREY	"	817	817 WATER
MED. GREY	"	917	934
SOFT GREY	"	934	950
MED. HARD GREY	"	950	990
VERY HARD	"	990	1013
SOFT BROKEN GREY	"	1013	1054 WATER
MED. HARD	"	1054	1130
SOFT RED	"	1130	1153 WATER
HARD GREY	"	1153	1161

Work started 72-9 10 47 Completed 72-29 19 77  
Date well drilling machine moved off of well 1-2 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] Ed McAllister Date 1-10, 1978  
(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. (Type or print)  
Address TEMPLETON, OREGON  
[Signed] Ed McAllister (Water Well Contractor)

Contractor's License No. 583 Date 1-10, 19 78

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