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New #1 Coppinger

STATE OF OREGON  
WATER SUPPLY WELL REPORT

JUN 26 2003

WELL I.D. # L 34669  
START CARD # 147797

(as required by ORS 537.765)  
WATER RESOURCES DEPT  
SALEM, OREGON

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

(1) LAND OWNER Well Number \_\_\_\_\_  
Name Kenneth Coppinger  
Address 75235 Coppinger Lane  
City Echo State OR Zip 97826

(2) TYPE OF WORK  
 New Well  Deepening  Alteration (repair/recondition)  Abandonment

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 1095 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
22"	0	25	Cement	0	403	260 sacks
19"	25	403				
15"	403	695				
10"	695	1095				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 16"	+2	403	375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used  Inside  Outside  None  
Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Artesian  
Yield gal/min 3,000+ Drawdown \_\_\_\_\_ Drill stem at \_\_\_\_\_ Time 1 hr.

Temperature of water 72° Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for in \_\_\_\_\_  No little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Umatilla Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 3N N or S Range 29E E or W. WM  
Section 24 NE 1/4 NE 1/4  
Tax Lot 2600 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 75235 Coppinger Lane Echo, OR 97826

(10) STATIC WATER LEVEL:  
345 ft. below land surface. Date 4-1-03  
Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 612

From	To	Estimated Flow Rate	SWL
612	645	100+	345
813	860	2000+	345
975	1016	100+	345
1048	1072	100+	345

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Silty soil	0	4	
Brown clay	4	15	
Clay with gravel	15	19	
Brown clay	19	103	
Brown basalt	103	116	
Gray basalt	116	156	
Brown basalt	156	170	
Gray basalt	170	235	
Brown basalt	235	249	
Gray basalt hard	249	308	
Red basalt	308	315	
Gray basalt	315	389	
Brown basalt	389	395	
Gray basalt	395	612	
Gray + black basalt with soapstone	612	645	WB
Gray basalt	645	813	

Date started 1-17-03 Completed 4-1-03

(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.  
Signed \_\_\_\_\_ WWC Number \_\_\_\_\_ 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.  
Signed Patrick Wallace WWC Number 1218 Date 4-15-03

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**STATE OF OREGON  
WATER SUPPLY WELL REPORT**

(as required by ORS 537.765)

WELL I.D. # L \_\_\_\_\_  
START CARD # 147797

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

(1) LAND OWNER Kenneth Coppinger Well Number \_\_\_\_\_  
Name Kenneth Coppinger  
Address 75235 Coppinger Lane  
City Echo State OR Zip 97826

(2) TYPE OF WORK  
 New Well  Deepening  Alteration (repair/recondition)  Abandonment

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well \_\_\_\_\_ ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_

Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used  Inside  Outside  None  
Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Pump  Bailer  Air  Flowing  Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water \_\_\_\_\_ Depth \_\_\_\_\_  
Was a water analysis done?  Yes  No By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Umatilla Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 3N N or S Range 29E E or W. WM.  
Section 24 NE 1/4 NE 1/4  
Tax Lot 2600 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) 75235 Coppinger Lane  
Echo, OR 97826

(10) STATIC WATER LEVEL:  
\_\_\_\_\_ ft. below land surface. Date \_\_\_\_\_  
Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES:

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation \_\_\_\_\_

Material	From	To	SWL
<u>Pg. 2 Cont. from Pg. 1:</u>			
<u>Red &amp; gray basalt</u>	<u>813</u>	<u>860</u>	<u>WB</u>
<u>with soapstone</u>			
<u>Gray basalt</u>	<u>860</u>	<u>975</u>	
<u>Black basalt with</u>	<u>975</u>	<u>1016</u>	<u>WB</u>
<u>soapstone</u>			
<u>Gray basalt</u>	<u>1016</u>	<u>1048</u>	
<u>Red &amp; gray basalt</u>	<u>1048</u>	<u>1072</u>	<u>WB</u>
<u>with soapstone</u>			
<u>Gray basalt</u>	<u>1072</u>	<u>1095</u>	

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WATER RESOURCES DEPT  
SALEM, OREGON

Date started 1-17-03 Completed 4-1-03

(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.  
WVC 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.  
WVC Number 1218  
Signed Patrick Walker Date 4-15-03

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WATER RESOURCES DEPT  
SALEM, OREGON

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

UMAT WATER WELL REPORT  
1328

RECEIVED 01/1/76 #1

STATE OF OREGON FEB 20 1976 State Well No. \_\_\_\_\_

(Please type or print)  
WATER RESOURCES DEPT Permit No. 9-6626  
SALEM, OREGON

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

**(1) OWNER:**

Name Kenny Coppinger  
Address RR 1, 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   
16" Diam. from 0 ft. to 137 ft. Gage 1.250  
" 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?  
Weld: 1000+ gal./min. with 7 ft. drawdown after \_\_\_\_\_ hrs.  
air lift " " " "  
" " " "  
Baller test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 62 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Neat Cement  
Well sealed from land surface to 137 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  
Number of sacks of bentonite used in well seal \_\_\_\_\_  
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 \_\_\_\_\_  
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 Tillamook Driller's well number 2-76  
NE 1/4 NE 1/4 Section 24 T. 31 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 245 ft.  
Static level 215 ft. below land surface. Date 2/16/76  
Artesian pressure None lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 16" to 5"  
Depth drilled 1012 ft. Depth of completed well 1012 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
Soft soil	0	16	
broken basalt	16	85	
Med. Hard basalt	85	127	
hard grey basalt	127	222	
Med. Hard basalt	222	250	Water
Very hard basalt	250	270	
hard grey basalt	270	308	
broken w/ gravel	308	312	Water
hard grey basalt	312	390	
broken basalt	390	395	Water
hard grey basalt	395	432	
broken w/ gravel	432	445	Water
hard grey basalt	445	813	
Med. Hard basalt	813	844	
broken basalt	844	848	Water
hard basalt	848	891	
broken basalt	891	896	
hard basalt	896	985	
broken basalt	985	1012	Water

Work started 1-14 1976 Completed 2-15 1976  
Date well drilling machine moved off of well 2-16 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] Cleret A. Wallace Date 2/16, 1976  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 836

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and this report is to the best of my knowledge and belief.  
[Signed] Wallace Well Drilling Co. (Type or print)  
Address P.O. Box 792, Pendleton, Or.  
[Signed] Cleret A. Wallace (Water Well Contractor)  
Contractor's License No. 583 Date 2/16, 1976

T 11406

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 1329

WATER WELL REPORT

STATE OF OREGON FEB 3 - 1976

(Please type or print) WATER RESOURCES DEPT. SALEM, OREGON

State Well No.

State Permit No. G-6626

RECEIVED #2 ON-27-29

(1) OWNER:

Name Kenny Cappinger  
Address R. B. 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   
10" Diam. from 0 ft. to 38 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 FARMORE SERVICE

Was a pump test made?  Yes  No If yes, by whom?  
Yield: 550 gal./min. with 0 ft. drawdown after 3 hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 62° Depth artesian flow encountered NONE ft.

(9) CONSTRUCTION:

Well seal—Material used neat cement  
Well sealed from land surface to 38 ft.  
Diameter of well bore to bottom of seal 13 in.  
Diameter of well bore below seal 10 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 umatilla Driller's well number  
NW 1/4 NE 1/4 Section 24 T. 3N R. 29 W.M.  
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 153 ft.  
Static level 137 ft. below land surface. Date 1-21-76  
Artesian pressure NONE lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10 in.  
Depth drilled 318 ft. Depth of completed well 318 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, soil	0	16	
brown basalt	16	30	
med. hard, gray	30	153	1st aquifer
broken brown basalt	153	181	water table
med. hard gray basalt	181	222	
broken basalt	222	235	water bearing
hard basalt	235	250	
broken w/ gravel	250	255	water bearing
med. hard basalt	255	290	
broken, w/ sand, gravel	290	318	water bearing

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WATER RESOURCES DEPT. SALEM, OREGON

Work started JAN. 6 1976 Completed JAN. 21 1976

Date well drilling machine moved off of well JAN. 18 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.  
Cerret H. Wallace Date 1-21, 1976  
[Signed] \_\_\_\_\_ (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 WABACE WEBB DRIBBING CO.  
Address P.O. BOX 792 PENNINGTON, OR  
[Signed] Cerret H. Wallace (Water Well Contractor)  
Contractor's License No. #583 Date 1-21, 1976

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 #326

WATER WELL REPORT STATE OF OREGON (Please type or print) (Do not write above this line)

RECEIVED #3 JAN 11 1977 WATER RESOURCES DEPT. State Well No. 3N/29E-2B State Permit No.

(1) OWNER:

Name KENNETH COPPINGER Address R.R. COPPINGER RANCHES ECHO, OREGON

(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 [ ]

(5) CASING INSTALLED:

Threaded [ ] Welded [x] 12" Diam. from +1 ft. to -37 ft. Gage 250

(6) 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? Valley Pump Co. Yield: 1304 gal./min. with 145 ft. drawdown after 4 hrs.

(9) CONSTRUCTION:

Well seal-Material used NEAT CEMENT Well sealed from land surface to 37 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 15 sacks

(10) LOCATION OF WELL:

County UMATILLA Driller's well number 045-76 CENTER NE 1/4 Section 23 T. 3 N. 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 52 ft. Static level 48 ft. below land surface. Date 12-3-76 Artesian pressure NONE lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12" TO 300 FT BELOW Depth drilled 761 ft. Depth of completed well 761 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: SILT SOIL, CLAY SOIL, GREY BASALT, RED BASALT, MED. HARD GREY BASALT, GREY BASALT, BROWN BASALT w/SPANGLES, MED. HARD GREY BASALT, SOFT GREY BASALT, MED. HARD GREY BASALT, BROKEN RED BASALT, MED. HARD BASALT, BROKEN BROWN BASALT.

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WATER RESOURCES DEPT

Work started SALEM, OREGON 76 Completed 12-3 19 76 Date well drilling machine moved off of well 12-3 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] [Signature] Date 1-3, 19 77 (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 WABONE CRESS OIL & GAS CO. (Person, firm or corporation) Address PENNINGTON, ORE 97801 [Signed] [Signature] (Water Well Contractor) Contractor's License No. 583 Date 1-3, 19 77

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

#3 APR - 0 1990 APR 2 1 1990  
 WATER RESOURCES DEPT. (UMAT 5402) 3N/29E/23a  
 WATER RESOURCES DEPT. SALEM, OREGON SALEM, OREGON # 17113

(1) OWNER: Well Number: \_\_\_\_\_  
 Name Kenneth Coppinger  
 Address Rt. 2, Box 10  
 City Echo State OR Zip 97862

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

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval Yes  No  Depth of Completed Well \_\_\_\_\_ ft.  
 Explosives used  Yes  No  Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	From	To	
		N/A		

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: <u>N/A</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailor  Air  Flowing Artesian  
 Yield gal/min 800+ Drawdown \_\_\_\_\_ Drill stem at 760 Time 1 hr.

Temperature of water \_\_\_\_\_ 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: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
 County Umatilla Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 3N N or S, Range 29E E or W, WM.  
 Section 23 NE  $\frac{1}{4}$  NE  $\frac{1}{4}$   
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) Echo, OR 97862

(10) STATIC WATER LEVEL:  
 \_\_\_\_\_ ft. below land surface. Date 3-14-90  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG: Ground elevation \_\_\_\_\_

Material	From	To	SWL
Reconditioning Procedure: Reamed existing 8" hole to 12" from 310 to 760 ft.			

RECEIVED

APR 1 9 2012

WATER RESOURCES DEPT.  
 SALEM, OREGON

Date started 3-6-90 Completed 3-14-90

(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.  
 Signed \_\_\_\_\_ WWC Number \_\_\_\_\_  
 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.  
 Signed Patrick C Wallace WWC Number 1218  
 Date 3-27-90

T 11406

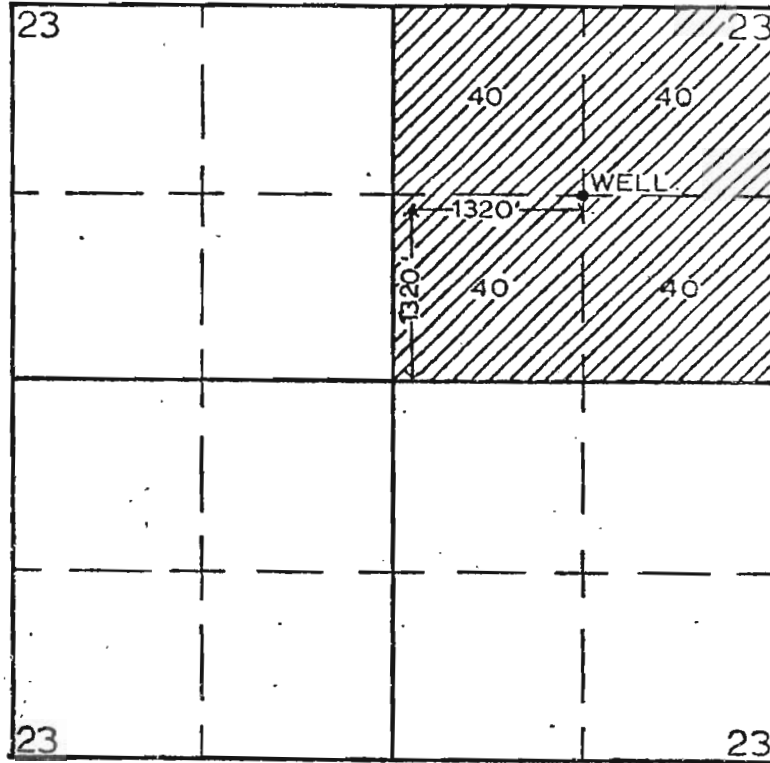
UMAT 002

T. 3N R. 29E

**RECEIVED**

APR - 6 1990

WATER RESOURCES DEPT.  
SALEM, OREGON



Scale 4" = 1 Mile

Kennth H. Coppinger Ranch

**RECEIVED**

APR 19 2012

WATER RESOURCES DEPT.  
SALEM, OREGON

**RECEIVED**

APR 27 1990

WATER RESOURCES DEPT.  
SALEM, OREGON

T 11406







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

WATER WELL REPORT

UMAT 1370

Ditch # 3N1/30E-30d

RECEIVED

STATE OF OREGON

(Please type or print)

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

DEC - 2 1975

(Do not write above this line)

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

(1) OWNER: WATER RESOURCES DEPT. SALEM, OREGON Name Robert Petruke Address Rt 2 Echo Oregon 97826

(10) LOCATION OF WELL: County Umatilla Driller's well number 1/4 SE 1/4 Section 30 T. 3N. R. 30E. W.M. Bearing and distance from section or subdivision corner

(2) TYPE OF WORK (check): New Well [ ] Deepening [ ] Reconditioning [ ] Abandon [ ] If abandonment, describe material and procedure in Item 12.

(11) WATER LEVEL: Completed well. Depth at which water was first found \_\_\_\_\_ ft. Static level 250 ft. below land surface. Date 11-3-75 Artesian pressure \_\_\_\_\_ lbs. per square inch. Date

(3) TYPE OF WELL: Rotary [x] Cable [ ] Driven [ ] Jetted [ ] Bored [ ] (4) PROPOSED USE (check): Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [x] Test Well [ ] Other [ ]

(12) WELL LOG: Diameter of well below casing \_\_\_\_\_ ft. Depth drilled \_\_\_\_\_ ft. Depth of completed well 835 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.

(5) CASING INSTALLED: Threaded [ ] Welded [ ] \_\_\_\_\_" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

Table with columns: MATERIAL, From, To, SWL. Handwritten entry: Reaming well from 8' to 12' from 400' to 610'

(6) PERFORATIONS: Perforated? [ ] Yes [ ] No. Type of perforator used Size of perforations in. by in. \_\_\_\_\_ 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.

(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? Farnore Qd: 540 gal./min. with 230 ft. drawdown after 7 1/2 hrs.

Work started 10:30 1975 Completed 11-3 1975 Date well drilling machine moved off of well 11-3 1975

(9) CONSTRUCTION: Well seal—Material used Not disturbed Well sealed from land surface to \_\_\_\_\_ ft. Diameter of well bore to bottom of seal \_\_\_\_\_ in. Number of sacks of cement used in well seal \_\_\_\_\_ sacks

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. Litch Date 11-3, 1975

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 (Type or print) Address 900 HERMISTON AVE, HERMISTON, ORE [Signed] Troy Griffin (Water Well Contractor) Contractor's License No. 65 Date 11-3, 1975

T-11406

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

ATTENDED BY STATE DEPT. RECEIVED WATER WELL REPORT

Ditchens #1 ca  
State Well No. 3M/30E-3006  
G-6600  
State Permit No. G-8041  
G-8367

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

STATE OF OREGON  
(Please type or print)  
MAR 1 1978

WATER RESOURCES DEPT.,  
SALEM, OREGON

UMAT  
6892

(1) OWNER: ROBERT PETRIK  
Name: ROBERT PETRIK  
Address: Rt #2 Box 20 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

(5) CASING INSTALLED: Threaded  Welded   
" Diam. from " ft. to " ft. Gage  
" 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? FARMORE PUMP  
Yield: 1580 gal./min. with 9 ft. drawdown after 3 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  
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  
NW 1/4 SW 1/4 Section 30 T. 3N R. 30E, 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 200 ft. below land surface. Date 1-11-78  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 8"  
Depth drilled 1086 ft. Depth of completed well 1086 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
DEEPENING FROM	832	832	
CUTTINGS FROM	811	832	
MED. GREY BASALT	832	870	
BROKEN RED	870	893	
BROKEN GREY	893	905	
HARD	905	915	
BROKEN RED	915	970	water
MED HARD	970	1001	
GREY	1001	1020	
HARD GREY	1020	1058	
BROKEN RED	1058	1080	water
HARD GREY	1080	1086	

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APR 19 2012

WATER RESOURCES DEPT.

Work started 1-11 1978 Completed 1-15 1978  
Date well drilling machine moved off of well 1-15 1978

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] [Signature] Date 2-2, 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 Degr. Co.  
(Person, firm or corporation) (Type or print)  
Address PENDLETON, OREG. 97801  
[Signed] [Signature]  
(Water Well Contractor)  
Contractor's License No. 583 Date 2-2, 1978

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

RECEIVED WATER WELL REPORT UMAT 1361  
OCT 25 1978 STATE OF OREGON  
WATER RESOURCES DEPT  
SALEM, OREGON

Ditchens #12  
State Well No. 3N/30E-20C  
State Permit No. G-8367

WATER RESOURCES DEPARTMENT  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

(Please type or print)  
(Do not write above this line)

(1) OWNER:

Name ROBERT D. PETRIK  
Address RT #2 BOX 20  
ELMO, 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:

16" Diam. from 0 ft. to 78 ft. Gage 2.50  
" 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.  
EST. 2000 GPM AIR LIFT  
" " " " " "  
Ballor test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 82° Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used NEAT CEMENT  
Well sealed from land surface to 78 ft.  
Diameter of well bore to bottom of seal 20 in.  
Diameter of well bore below seal 15 1/2 in.  
Number of sacks of cement used in well seal 72 sacks  
How was cement grout placed?  
Was a drive shoe used?  Yes  No Plugs Size: location  
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 UMATI46A Driller's well number 019  
SW 1/4 SW 1/4 Section 20 T. 3N. R. 30 E. W.M.  
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 245 ft.  
Static level 241 ft. below land surface. Date 10/21/78  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10" BELOW  
Depth drilled 1107 ft. Depth of completed well 1107 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
SILTY SOIL	0	45	
SOFT BROKEN BASALT	45	68	
HARD GREY "	68	141	
BROKEN RED "	141	153	
MED. GREY "	153	210	
BROKEN BROWN "	210	245	water
HARD GREY "	245	400	
BROKEN BROWN "	400	425	water
HARD GREY "	425	535	
BROKEN "	535	575	
BROKEN BROWN "	575	590	water
GREY "	590	675	
BROKEN BROWN "	675	690	
GREY "	690	780	
BROKEN BROWN "	780	789	water
GREY "	789	885	
BROKEN BROWN "	885	1006	water
MED. GREY "	1006	1045	
GREY "	1045	1107	

Work started 9-22 1978 Completed 10-21 1978  
Date well drilling machine moved off of well 10-21 1978

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] [Signature] Date 10-21 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 DRG. CO.  
(Person, firm or corporation) (Type or print)  
Address PENDELTON, OR.  
[Signed] [Signature]  
(Water Well Contractor)  
Contractor's License No. 583 Date 10-21 1978

**WATER WELL REPORT**  
STATE OF OREGON

UMAT  
1342

WATER RESOURCES DEPT  
SALEM, OREGON

Wells well #1  
State Well No. 3h/30E-7a0  
State Permit No.

PLEASE TYPE OR PRINT IN INK

**(1) OWNER:**

Name PRUDENTIAL  
Address PO Box 3048  
City Pasco State WA

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

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven   
Rotary Mud  Dug   
 Bored

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

Domestic  Industrial  Municipal   
Irrigation   Test Well  Other   
Thermal:  Withdrawal  Reinjection

**(5) CASING INSTALLED:**

Steel  Plastic   
Threaded  Welded

....." Diam. from ..... ft. to ..... ft. Gauge .....

**LINER INSTALLED:**

....." Diam. from ..... ft. to ..... ft. Gauge .....

**(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? .....

..... gal./min. with ..... ft. drawdown after ..... hrs.

Air test ..... gal./min. with drill stem at ..... ft. .... 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:**

Special standards: Yes  No

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

How was cement grout placed? .....

Was pump installed? ..... Type HP Depth ..... ft.

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 OND  
SE ¼ NR ¼ Section 7 T. 3N R. 30E W.M.  
Tax Lot # ..... Lot Blk Subdivision .....

Address at well location: ECHO

**(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
Reamed 8" TO 12"	605	626	
HIT CASING WHIPSTOCK ON TOP OF STRING OF TOOLS			
Lowered Depth finder to 1265'			

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APR 1 9 2012

WATER RESOURCES DEPT  
SALEM, OREGON

Work started 5-9-84 19 ..... Completed 5-15 19 84  
Date well drilling machine moved off of well 5-15 19 84

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Jay Burel Date 5-18, 1984

**Bonded Water Well Constructor Certification:**

Bond ..... Issued by: ..... Surety Company Name .....

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name Jay Burel Well Drilling  
(Person, firm or corporation) (Type or print)  
Address 5543 SW Douglas; Pendleton OR  
[Signed] Jay Burel Water Well Constructor  
Date 5-18, 1984

NOTICE TO WATER WELL CONSTRUCTOR  
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.

SP-45292-690

T 11406

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

**RECEIVED**

REGISTRATION OF WATER WELL REPORT

UMAT  
1343  
#1

Holes # 1  
State Well No. 3N130E-769  
State Permit No.

WATER RESOURCES DEPARTMENT  
SALEM, OREGON 97310  
within 30 days from the date  
of well completion

FEB 9 1979

STATE OF OREGON  
(Please type or print)

WATER RESOURCES DEPT.  
SALEM, OREGON

**(1) OWNER:**

Name CIRCLE O FARMS INC.  
Address ECHO, OR.

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

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

**(3) TYPE OF WELL:**

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

Rotary  Driven  Domestic  Industrial  Municipal   
Cable  Jetted  Dug  Bored  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? Jayne Pump  
Yield: 1810 gal./min. with 112 ft. drawdown after 4 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  
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 AMATILLA Driller's well number 1-79  
NE 1/4 NW 1/4 Section 7 T. 3N. R. 30 E. 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 67 ft. below land surface. Date 1-19-79  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 14" TO 600'

Depth drilled 1205 ft. Depth of completed well 1205 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
REAMED PUMP CHAMBER FROM 13" TO 14" FROM 350 FT. TO 600 FT.			
DEEPEINED WELL FROM EXISTING 980 FT. TO 1205 FT.			
GREY BASALT	980	1081	
BROKEN GREY "	1081	1092	
MED. HARD GREY "	1092	1141	
BROKEN GREY "	1141	1150 WATER	
MED. GREY "	1150	1205	

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APR 1 9 2012

WATER RESOURCES DEPT  
SALEM, OREGON

Work started 1-11 19 79 Completed 1-19 19 79  
Date well drilling machine moved off of well 1-20 19 79

**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] W. Wallace Date 1-31, 19 79  
(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 WELLS DRILLING  
(Person, firm or corporation) (Type or print)

Address LEWISTON, OR. 97801

[Signed] W. Wallace  
(Water Well Contractor)

Contractor's License No. 583 Date 1-31, 19 79

RECEIVED  
APR 13 1963

1 Hakes  
#1

UMAT  
1347

WATER WELL REPORT

State Well No. 3N/30-7D

STATE ENGINEER

STATE OF OREGON G-3963

State Permit No.

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

(1) OWNER: Marshall Meyers  
Name  
Address Echo, Ore.

(2) LOCATION OF WELL:  
County Umatilla Owner's number, if any--  
1/4 Section 7 T. 3N R. 30E W.M.  
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):  
Domestic  Industrial  Municipal  Irrigation  Test Well  Other   
(5) TYPE OF WELL:  
Rotary  Driven  Cable  Jetted  Dug  Bored

(6) CASING INSTALLED:  
1 1/2" Diam. from 0 ft. to 66-6 ft. Gage 280  
" Diam. from ft. to ft. Gage  
" Diam. from ft. to ft. Gage

(7) 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.  
perforations from ft. to ft.

(8) SCREENS:  
Well screen installed  No  
Manufacturer's Name  
Type Model No.  
Slot size Set from ft. to ft.  
Slot size Set from ft. to ft.

(9) CONSTRUCTION:  
Was well gravel packed?  Yes  No Size of gravel:  
Gravel placed from ft. to ft.  
Was a surface seal provided?  Yes  No To what depth? 66 ft.  
Material used in seal-- Cement from 66 ft to top  
Did any strata contain unusable water?  Yes  No  
Type of water? Depth of strata  
Method of sealing strata off

(10) WATER LEVELS:  
Static level 0 ft. below land surface Date Sept 10, 62  
Artesian pressure 9 lbs. per square inch Date Feb 12, 63  
Log Accepted by:  
[Signed] Date, 19 (Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? Marshall Meyers  
Yield: 1200 gal./min. with 96 ft. drawdown after 2.5 hrs.  
" This well was tested at 98 ft. and had less than 700 g.p.m.  
Ballor test gal./min. with ft. drawdown after hrs.  
Artesian flow 350 g.p.m. Date Feb 12, 1962  
Temperature of water 70 Was a chemical analysis made?  Yes  No

(12) WELL LOG: Diameter of well 12 1/2 to 200 ft. higher  
Depth drilled 980 ft. Depth of completed well 84 980 ft. 98  
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top soil	0	3
Clay	3	30
Red rock course	30	58
Grey basalt hard fine	58	115
Black basalt soft course	115	305
Grey " hard fine	305	345
Green shale soft	345	346
Black basalt hard	346	412
Black " soft	412	452
Grey " hard fine	452	512
Black " soft	512	565
Dynamited hole at 525.600		
Green shale soft	565	570
Black basalt soft	570	630
red rock soft	630	635
black basalt	635	650
red rock porous soft	650	660
red and black soft	660	688
string of tool pipe off 658 to 688, 80 ft zinc pipe		
red and brown soft	688	707
black basalt course soft	707	755
Grey " very hard	755	828
Brown soft	828	954
red rock and water	954	980

Work started Jan 12 1962 Completed Feb 12 1963  
(13) PUMP: moved off well March, 1963  
Manufacturer's Name  
Type: H.P.

Well Driller's Statement:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
NAME Roy T FRENCH  
(Person, firm, or corporation) (Type or print)  
Address Pendleton Ore Orr Lic 209  
Driller's well number  
[Signed] Roy T French  
(Well Driller)  
License No. 107 Date Apr 1, 1963

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

**WATER WELL REPORT**

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

**UMAT**  
**1391**

STATE OF OREGON  
(Please type or print)

(Do not write above this line)

*Hole 5  
well #2*

State Well No. 3N/32E-466  
State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name DON REYNOLDS  
Address GOLDMAN RT  
PENDLETON 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

N.A. 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? DRILLER  
Yield: 30 gal./min. with 200 ft. drawdown after 1 hrs.  
" " " " " "  
" " " " " "  
Baller test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.

**(9) CONSTRUCTION:**

Well seal—Material used N.A.  
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  
How was cement grout placed? \_\_\_\_\_

Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
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 \_\_\_\_\_  
NW 1/4 NW 1/4 Section 4 T. 30 R. 32 E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

Depth at which water was first found 205 ft.  
Static level 83 ft. below land surface. Date 8-18-79  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date 8-18-79

**(12) WELL LOG:**

Diameter of well below casing 6  
Depth drilled 155 ft. Depth of completed well 360 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
<u>BRN BASALT w/SS</u>	<u>205</u>	<u>213</u>	
<u>GRY "</u>	<u>213</u>	<u>335</u>	
<u>BLACK w/SS</u>	<u>335</u>	<u>355</u>	
<u>BLACK BASALT</u>	<u>355</u>	<u>360</u>	

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AUG 28 1979  
WATER RESOURCES DEPT  
SALEM, OREGON

RECEIVED  
APR 19 2012  
WATER RESOURCES DEPT  
SALEM, OREGON

Work started 8-18 19 79 Completed 8-18 19 79  
Date well drilling machine moved off of well 8-18 19 79

**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] Jay Bend Date 8-18, 19 79  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 937

**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 Jay Bend Well Drilling  
(Person, firm or corporation) (Type or print)  
Address Pendleton Ore  
[Signed] Jay Bend  
(Water Well Contractor)  
Contractor's License No. 544 Date 8-18, 19 79





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

UMAT 5420

JUL - 2 1990 Hales # 3 N/30E/6C  
 WATER RESOURCES DEPT  
 SALEM, OREGON (START CARD) # W-19731

**(1) OWNER:** Well Number: \_\_\_\_\_  
 Name Hale Farms  
 Address P O Box 110  
 City Hermiston, Ore State 97838 Zip \_\_\_\_\_

**(2) TYPE OF WORK:**  
 New Well  Deepen  Recondition  Abandon

**(3) DRILL METHOD**  
 Rotary Air  Rotary Mud  Cable  
 Other \_\_\_\_\_

**(4) PROPOSED USE:**  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other \_\_\_\_\_

**(5) BORE HOLE CONSTRUCTION:**  
 Special Construction approval Yes  No  Depth of Completed Well \_\_\_\_\_ ft.  
 Explosives used Yes  No  Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE Diameter	From To		Material	SEAL From To		Amount sacks or pounds

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

**(6) CASING/LINER:**

Diameter	From To		Gauge	Steel	Plastic	Welded	Threaded
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

**(7) PERFORATIONS/SCREENS:**  
 Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

**(8) WELL TESTS: Minimum testing time is 1 hour**  
 Pump  Bailer  Air  Flowing Artesian  
 Yield gal/min \_\_\_\_\_ Drawdown \_\_\_\_\_ Drill stem at \_\_\_\_\_ Time \_\_\_\_\_  
 \_\_\_\_\_ 1 hr. \_\_\_\_\_

Temperature of water \_\_\_\_\_ 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: \_\_\_\_\_

**(9) LOCATION OF WELL by legal description:**  
 County Umatilla Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 3 N N or S, Range 30 E E or W, WM.  
 Section 6 N W ¼ S W ¼  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) \_\_\_\_\_

**(10) STATIC WATER LEVEL:**  
645 ft. below land surface. Date 6-15-90  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

**(11) WATER BEARING ZONES:**  
 Depth at which water was first found \_\_\_\_\_

From	To	Estimated Flow Rate	SWL

**(12) WELL LOG:** Ground elevation 870

Material	From	To	SWL
Ream with 12 inch bit and 12 inch stabalizer 25 feet long, from 700 to 839 feet			
At about 820 feet the Stabalizer completely left the previous 10 inch hole			
The 10inch hole was measured to 1013 feet and obviously has some cuttings plugging the bottom portion of the bore hole.			

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APR 19 2012

WATER RESOURCES DEPT  
 SALEM, OREGON

Date started 6-11-90 Completed 6-19-90

**(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 544  
 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. This 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 544  
 Signed Larry Bard Date 6-19-90

T 11406





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 1293

WATER WELL REPORT STATE OF OREGON (Please type or print)

RECEIVED MAR 29 1977

State Well No. 3X1/29E-126 305-6c6d 29E-126 State Permit No. Nakes #3

WATER RESOURCES DEPT. SALEM, OREGON

(1) OWNER:

Name IVAN J VERNON COOK Address R.R. Echo, Oregon

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

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

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

Threaded [ ] Welded [ ] Diam. from ft. to ft. Gage ft.

(6) PERFORATIONS:

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

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [ ] Yes [x] No. If yes, by whom? Est. 2800 GPM AIR LIFT

(9) CONSTRUCTION:

Well seal—Material used Well sealed from land surface to ft. Diameter of well bore to bottom of seal in. Number of sacks of cement used in well seal sacks

(10) LOCATION OF WELL:

County TUMATHILLA Driller's well number 06-77 NW 1/4 SE 1/4 Section 12 T. 34 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 151 ft. Static level 151 ft. below land surface. Date 3-4-77 Artesian pressure NONE lbs. per square inch. Date 3-4-77

(12) WELL LOG:

Diameter of well below casing 16" TO 500 FT 10" TO 10' Depth drilled 1125 ft. Depth of completed well 1125 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: DEEPENED PUMP CHAMBER FROM 421 FT. TO 500 FT. 16" DIA.; DEEPENED BOTTOM HOLE FROM 1,070 FT. TO 1125 FT. 8" DIA.; HARD GREY BASALT 1070 1091; BROKEN RED BASALT 1091 1095; HARD GREY BASALT 1095 1115; BROKEN RED BASALT 1115 1121; HARD GREY BASALT 1121 1125

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APR 19 2012

WATER RESOURCES DEPT

Work started 3-4-77 Completed 3-4-77 Date well drilling machine moved off of well 3-4-77

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] [Signature] Date 3-8, 19 77 (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 WEBB DRILLING CO. (Person, firm or corporation) (Type or print)

Address PENNINGTON, ORE.

[Signed] [Signature] (Water Well Contractor)

Contractor's License No. 383 Date 3-8, 19 77



Hales #3

WELL LOG Well #3 Circle "C" Farms, Inc.

Material	From	To	SWL
Top Soil	0	4	
Sandy Clay - Brown	4	12	
Clay & Gravel - Brown	12	24	
Clay - Brown	24	42	
Sandy Clay - Soft	42	58	
Clay - Brown	58	73	
Clay & Gravel - Dk Brown	73	84	
Sand & Gravel - Water	84	86	3'
Broken Basalt - Gray	86	88	3'
Basalt - Gray - Hard	88	103	
Installed and sealed 20" casing to 96'			
Basalt - Broken - Gray (water 103-107)	103	107	60'
Basalt - Gray	107	123	
Basalt - Black	123	133	
Basalt - Gray	133	151	
Basalt - Gray - Hard	151	203	
Basalt - Broken - Brown Clay	203	215	
Basalt - Gray - Hard	215	411	
Basalt - Black (with water)	411	424	57'
Basalt - Gray - Hard	424	511	
Broken Basalt - Black (with clay)	511	547	
Basalt - Gray	547	577	
Basalt - Black - Broken	577	585	38'
Basalt - Gray - Hard	585	605	
Basalt - Black	605	617	
Basalt - Black - Sand	617	704	0
Basalt - Gray - Hard	704	805	
Basalt - Boulders	805	825	
Basalt - Gray - Hard	825	881	
Basalt - Red - Soft	881	902	
Basalt - Gray - Soft	902	935	
Basalt - Red - Soft	935	944	
Basalt - Gray - Soft	944	956	
Basalt - Red - Soft	956	971	
Basalt - Gray - Hard	971	1056	
Basalt - Boulders	1056	1105	
Black Sand - Broken Boulders	1105	1189	

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APR 19 2012

WATER RESOURCES DEPT  
SALEM, OREGON

T 11406





WELL LOG Well #4 Circle "C" Farms, Inc.

Material	From	To	SWL
Top Soil	0	5	
Brown Clay	5	40	
Light Clay Gravel	40	56	
Brown Clay	56	88	
Black Sand some water	88	90	85'
Basalt Gray Hard (20" pipe to 97')	90	97	
Basalt Gray Hard	97	111	
Brown Basalt Broken	111	135	
Black Basalt Hard	135	164	
Gray Basalt Hard	164	297	
Black Basalt Med.	297	320	
Gray Basalt Hard	320	460	
Gray Basalt Med.	460	535	
Black Basalt Med.	535	565	
Gray Basalt Hard (Run 16" Casing)	565	570	
Gray Basalt Hard	570	735	65'
Black Basalt Soft	735	880	22'
Red Basalt Soft	880	882	Flow 200 GPM
Gray Basalt Hard	882	917	
Black Red Basalt Soft	917	960	Flow Inc. 950 GPM
Gray Basalt Hard	960	1000	
Red Basalt Soft	1000	1065	

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 APR 19 2012  
 WATER RESOURCES DEPT  
 SALEM, OREGON





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CO AUG 02 1984

UMAT

WATER WELL REPORT  
STATE OF OREGON

State Well No. 3N/29E-2ad

WATER RESOURCES DEPT  
SALEM, OREGON

State Permit No. Record.

(1) OWNER:

Name PRUDENTIAL  
Address PO BOX 3048  
City PASCO State WA

(2) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air  Driven   
Rotary Mud  Dug   
 Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal:  Withdrawal  Reinjection

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded

NA Diam. from ft. to ft. Gauge  
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used

Size of perforations in. by in.  
NA 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. NA 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

a pump test made?  Yes  No If yes, by whom?

NA  
Air test gal./min. with ft. drawdown after hrs.  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.

(9) CONSTRUCTION:

Special standards: Yes  No

Well seal—Material used  
Well sealed from land surface to ft.  
Diameter of well bore to bottom of seal NA in.  
Diameter of well bore below seal in.  
Number of sacks of cement used in well seal sacks  
How was cement grout placed?

Was pump installed? Type HP Depth ft.  
Was a drive shoe used?  Yes  No Plug 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: ft.  
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County UMATILLA Driller's well number FOUR  
SE 1/4 NE 1/4 Section 2 T. 3N R. 29E W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location: ECHO

(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
Reamed 12" TO 14 3/4"	570	750	

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APR 19 2012

WATER RESOURCES DEPT  
SALEM, OREGON

Work started 5-10 1984 Completed 5-15 1984  
Date well drilling machine moved off of well 5/15 1984

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Jay Burd Date 5-15, 1984

Bonded Water Well Constructor Certification:

Bond (number) Issued by: Surety Company Name

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name LARRY BURD WELL DRILLING INC  
(Person, firm or corporation) (Type or print)

Address 5543 SW DOUGLASS Pendleton

[Signed] Jay Burd  
Water Well Constructor

Date 5-15, 1984

NOTICE TO WATER WELL CONSTRUCTOR  
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.

SP 45292-690  
T 11406

NOTICE TO WATER WELL CONTRACTOR

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

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WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

UMAT 1282

State Well No. 3N-29E-11

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion.

NOV - 3 1975

State Permit No.

Holes # 5

WATER RESOURCES DEPT.

(1) OWNER:

SALEM, OREGON

Name Vernon & Ivan Cook

Address Route 2 Echo, Oregon

(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 [ ] Driven [ ] Cable [X] Jetted [ ] [ ] Bored [ ]

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

16" Diam. from 31 ft. to 403 ft. Gage 250

(6) PERFORATIONS:

Perforated? [ ] Yes [X] No

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? Layne Pumps

Id: 1350 gal./min. with 200 ft. drawdown after 1 hrs. 1940 274 2 2610 377 3

Baller test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 80 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout Well sealed from land surface to 403 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 260 sacks Number of sacks of bentonite used in well seal Brand name of bentonite Number of pounds of bentonite per 100 gallons of water lbs./100 gals. Was a drive shoe used? [X] Yes [ ] 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 Umatilla Driller's well number 5 S.E. 1/4 SE 1/4 Section 11 T. 3N R. 29E W.M. Bearing and distance from section or subdivision corner 550' West of S.E. corner of Sec. 11

(11) WATER LEVEL: Completed well.

Depth at which water was first found 104 ft. Static level 40 ft. below land surface. Date 10-1-75 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10" Depth drilled 1145 ft. Depth of completed well 1145 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. Content: see attached copy

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APR 19 2012

WATER RESOURCES DEPT SALEM, OREGON

Work started 19 Completed 10-1 19 75 Date well drilling machine moved off of well 10-1 19 75

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] Mike Callin Date 10/25, 1975 (Drilling Machine Operator)

Drilling Machine Operator's License No. 787

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 Circle "C" Pump Inc (Person, firm or corporation) (Type or print)

Address Rt. # 2 Echo, Oregon 97826

[Signed] Circle "C" Pump Inc (Water Well Contractor)

Contractor's License No. NONE Date 10/25, 1975

WELL LOG Well #5 CIRCLE "C" FARMS, INC.

MATERIAL	FROM	TO	SWL
Top Soil	0	5	
Brown Clay	5	25	
" " and Broken Rock	25	40	
White Clay	40	65	
" " and Broken Rock	65	85	
Brown Clay	85	104	
Brown Broken Rock	104	118	W.B.
Hard Gray Basalt	118	131	
Brown Clay - Gray Rock	131	137	
Hard Gray Basalt	137	145	
Broken Gray Basalt	145	153	
Brown Clay - Gray Rock	153	160	
Hard Gray Basalt	160	167	
Broken Gray Rock	167	188	115
Brown Clay - Gray Rock	188	200	
Hard Gray Basalt	200	221	
Black Sand and Clay	221	224	
Hard Gray Basalt	224	256	
Black Basalt	256	265	
Gray Basalt	265	295	
Crevice	295	300	
Hard Gray Basalt	300	324	
Black Basalt	324	330	
Gray Basalt	330	360	
Clay and Gray Basalt	360	378	
Hard Gray Basalt	378	403	115
See Troy Griffin's Well Report dated 4-19-74	403	680	
Gray Basalt	680	692	40
Red Basalt	692	701	
Black Basalt	701	716	
Gray Basalt	716	725	
Black and Brown Basalt	725	755	
Gray Basalt	755	772	
Mixed Black and Brown Basalt	772	785	
Gray Basalt	785	830	
Black Basalt	830	840	
Gray Basalt	840	975	
Hard Blue Basalt	975	1015	
Brown Basalt	1015	1065	
Gray Hard Basalt	1065	1105	120
Red Soft Basalt	1105	1115	
Gray Hard Basalt	1115	1122	
Black and Brown Basalt	1122	1145	

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APR 19 2012

WATER RESOURCES DEPT  
SALEM, OREGON

T 11406







NOTICE TO WATER WELL CONTRACTOR

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

RECEIVED WATER WELL REPORT UMAT 1280

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

FEB 9 1979

STATE OF OREGON (Please type or print)

State Well No. 3N/29E-116d

State Permit No. Hales #10

WATER RESOURCES DEPT. CLD

(Do not write above this line)

(1) OWNER:

SALEM, OREGON

Name CIRCLE C FARM INC. Address FCHO DR.

(2) TYPE OF WORK (check):

New Well [ ] Deepening [ ] Reconditioning [x] 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 [ ]

(5) CASING INSTALLED:

Threaded [ ] Welded [ ]

Diagrams for casing diameters and gages.

(6) PERFORATIONS:

Perforated? [ ] Yes [ ] No.

Type of perforator used, Size of perforations in. by in.

(7) SCREENS:

Well screen installed? [ ] Yes [ ] 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? [ ] Yes [ ] No If yes, by whom? Yield: gal./min. with ft. drawdown after hrs. Bailer test, 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, 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 TILLAMOOK Driller's well number 2-79 SE 1/4 NW 1/4 Section 11 T. 31 N. 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 ft. Static level 57 ft. below land surface. Date 1-31-79 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8" Depth drilled ft. Depth of completed well 696 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. Entry: PEANUT PUMP CHAMBER FROM 8" TO 10" TO DEPTH OF 562 FT. MED. GRAY BASALT 680 696

RECEIVED

APR 19 2012

WATER RESOURCES DEPT SALEM, OREGON

Work started 1-35 1979 Completed 1-30 1979 Date well drilling machine moved off of well 1-30 1979

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] [Signature] Date 1-31 1979 (Drilling Machine Operator) 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 (Person, firm or corporation) (Type or print) Address PENNINGTON DR. 97801 [Signed] [Signature] (Water Well Contractor) Contractor's License No. 523 Date 1-31 1979

STATE ENGINEER  
Salem, Oregon

UMA 1286  
UMAWATER Record  
Holes # 6.

STATE WELL NO. 3N/29-11G(2)  
COUNTY Umatilla  
APPLICATION NO. U- 802

OWNER: Claude O. Meyers

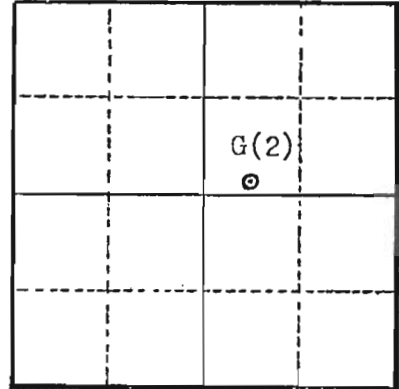
MAILING ADDRESS: 803 NW Ellis Ave.

LOCATION OF WELL: Owner's No.

CITY AND STATE: Pendleton, Oregon

SW 1/4 NE 1/4 Sec. 11 T. 3 N. 29 E. W.M.

Bearing and distance from section or subdivision  
corner S. 52° 18' E. 4056.8' from NW cor. of sec. 11



Section 11

Altitude at well 890'

TYPE OF WELL: Drilled Date Constructed

Depth drilled 675' Depth cased 106'

CASING RECORD:

10 inch set from 0 to 106 feet

Drilled 10 inch hole from 0 to 250 ft.  
8 inch hole from 250 to 675 ft.

FINISH:

AQUIFERS:

Basalt

WATER LEVEL:

Flows - measured 46.2 feet above land surface

PUMPING EQUIPMENT: Type Cornell 4"x5" H.P. 40  
Capacity G.P.M.

WELL TESTS:

Drawdown ft. after hours G.P.M.  
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19

SOURCE OF INFORMATION USGS U- 714

DRILLER or DIGGER Roy French

ADDITIONAL DATA:

Log  Water Level Measurements  Chemical Analysis  Aquifer Test

REMARKS:

Some water at 103', but cased off after hitting artesian flow.

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T 11406 APR 19 2012

WATER RESOURCES DEPT  
SALEM, OREGON

UMAT 1286

STATE ENGINEER  
Salem, Oregon

State Well No. 3N/29-11 G (2)  
County Umatilla  
Application No. U - 802

Well Log

Owner: Claude O. Meyers Owner's No. \_\_\_\_\_

Driller: Roy French Date Drilled \_\_\_\_\_

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Gravel, cemented	0	52	52
Sandstone	52	83	31
Rock, brown, some water at 103 ft.	83	121	38
Basalt, black	121	140	19
Basalt, gray	140	198	58
Basalt, black	198	253	55
Basalt, gray	252	273	20
Basalt, black	273	334	61
Basalt, gray	334	410	76
Basalt, black	410	435	25
Basalt, gray	435	459	24
Basalt, black	459	512	53
Basalt, gray	512	560	48
Basalt, blue-black	560	568	8
Basalt, gray	568	577	9
Basalt, softer, black / green and red streaks	577	608	31
Basalt, gray, hit artesian	608	670	62
Rock, red, turning to green	670	675	5
<b>RECEIVED</b>			
APR 19 2012			
WATER RESOURCES DEPT SALEM, OREGON			

T 11406

UMAT 1286

Telephone ~~368~~  
1417

CLAUDE MEYERS

Pendleton ~~SCHQ~~, OREGON

May 16, 55.

State Engineer,  
Water Resources Department,  
Salem Oregon

RECEIVED  
MAY 18 1955  
STATE ENGINEER  
SALEM, OREGON

Attention  
Mr. Robert E. Best  
File No. U-802

Dear Sir;

I am sorry that I over looked some of the items in making out my application for the water permit.

Please except the fallowing amendment to the application , Item 4, the well is located in SW $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 11, 3 N., R. 29 E.

- Item 14 Estimated cost of proposed works \$18,500.00
- Item 15 Construction work will begin on or befor, Well Drilling statred Aug, 1954
- Item 16 Construction work will be completed on or befor, Work was completed May, 12, 1955
- Item 17 The water will be completely applied to the proposed use on or before May 12, 1955

I trust that the above will answer your questions, but if there are any other Questions that you wish clearifed please let me know at once. Thanking you for calling my attention to the erors I have made .

Sincerely Yours

*Claude O. Meyers*  
Claude Meyers

UMAT 1286.

*Amey*  
*11/11*

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APR 19 2012  
WATER RESOURCES DEP  
SALEM, OREGON

T 11406

CLAUDE MEYERS

ECHO, OREGON

ED  
1955

DECEMBER  
1955

Copy of Well Log Meyers Well  
Ray French, Driller

10" Well to 678'

Cemented Gravel	0 to	52	
Sandstone	52 to	83	
Brown rock	83 to	121	
Black Basalt	121 to	140	
Gray "	140 to	198	Crevice
Black "	198 to	253	
Gray "	253 to	273	
Black "	273 to	334	
Gray "	334 to	410	
Black "	410 to	435	
Gray "	435 to	459	
Black "	459 to	512	
Gray "	512 to	560	Very much crevice
Black Basalt	560 to	568	518 - 558
Gray "	568 to	577	
Softer Black with green and red streak	577 to	608	
Gray Basalt	608 to	670	Hit Artesian
Red rock turning to green	670 to	678	

Cased 106' --- Shoe

Some water at 103', But cased it off after hitting artesian.

UMAT 1286. From Application file U-802

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APR 19 2012

WATER RESOURCES DEPT  
SALEM, OREGON

T 11406

WATER WELL REPORT  
STATE OF OREGON

UMAT  
1287

RECEIVED

JUN 28 1982

State Well No. 3K/29E-12da

State Permit No. Holes # 7

WATER RESOURCES DEPT  
SALEM, OREGON

Reconditioning

(1) OWNER:

Name Prudential Ins.  
Address P O Box 3048  
City Pasco, Wash 99302 State

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Air  Driven  Domestic  Industrial  Municipal   
Rotary Mud  Dug  Irrigation  Test Well  Other   
Cased  Bored  Thermal: Withdrawal  Reinjection

(4) PROPOSED USE (check):

(5) CASING INSTALLED: Steel  Plastic   
N.A. Threaded  Welded   
" Diam. from ..... ft. to ..... ft. Gauge  
" Diam. from ..... ft. to ..... ft. Gauge

(6) LINER INSTALLED: N.A.  
" Diam. from ..... ft. to ..... ft. Gauge

(6) PERFORATIONS: Perforated?  Yes  No  
Type of perforator used  
Size of perforations in. by in.  
..... perforations from ..... ft. to ..... ft.  
N.A. 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?  
..... gal./min. with ..... ft. drawdown after ..... hrs.  
Air test gal./min. with drill stem at ..... ft. hrs.  
Bailer test gal./min. with ..... ft. drawdown after ..... hrs.  
Artesian flow g.p.m.  
Temperature of water previous logh artesian flow encountered ..... ft.

(9) CONSTRUCTION: Special standards: Yes  No   
N.A.  
Well seal—Material used ..... ft.  
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  
How was cement grout placed?  
Was pump installed? Type HP Depth ..... ft.  
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: SEVEN  
County Umatilla Driller's well number  
NE 1/4 SE 1/4 Section 12 T. 3N R. 29EWM W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location:

(11) WATER LEVEL: Completed well.  
Depth at which water was first found 26  
Static level 177 450 ft. below land surface. Date 5/28/82  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing previous logs  
Depth drilled 3 feet ft. Depth of completed well 1280 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
Black basalt	1275	1280	450
Cleaned out bottom from	1253	1280	

Work started 5/26/82 19 Completed 5/26/82 19  
Date well drilling machine moved off of well 5/26/82 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] Ronald J. Williams Date 6/3/82  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 1454

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 Larry Burd Well Drilling Inc.; Pendleton  
(Person, firm or corporation) (Type or print)  
Address 5543 S W Douglas ; Pendleton, Oregon  
[Signed] Larry Burd  
Contractor's License No. 544 Date 6/3/82

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. SP-12658-690 T 11406

WATER WELL REPORT  
STATE OF OREGON

UMAT  
1289

RECEIVED  
MAY 28 1982

Well#7  
State Well No. 3h/29E/12bb  
State Permit No. Holes # 7

WATER RESOURCES DEPT  
SALEM, OREGON

(1) OWNER:

Name Ivan & Vernon Cook  
Address \_\_\_\_\_  
City Echo, Oregon State \_\_\_\_\_

(2) TYPE OF WORK (check): Reaming

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air  Driven   
Rotary Mud  Dug   
 Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal: Withdrawal  ReInjection

(5) CASING INSTALLED: Steel  Plastic   
Threaded  Welded

" Diam. from X ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_  
" Diam. from X ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

LINER INSTALLED:

" Diam. from X ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

(6) PERFORATIONS: Perforated?  Yes  No

Type of perforator used X  
Size of perforations X 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 X  
Type X 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?  
" X gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
" X " " " " " "  
Air test X gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
Bailer test X gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow X g.p.m.  
Temperature of water X Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION: Special standards: Yes  No

Well seal—Material used X  
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  
How was cement grout placed? \_\_\_\_\_  
\_\_\_\_\_ X  
Was pump installed? \_\_\_\_\_ Type X HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
Was a drive shoe used?  Yes  No X plugs Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of Water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_ X  
Was well gravel packed?  Yes  No X Size of gravel \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. \_\_\_\_\_ ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number \_\_\_\_\_  
NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Section 12 T. 3N R. 29 E W.M.  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_  
Address at well location: \_\_\_\_\_

(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
Original well - 15" to 650'			
Reamed 10" to 14 3/4" from 650' to 850'			
Cleaned well to bottom.			
Camera run to bottom of well.			
Previously drilled	0	1280	

RECEIVED  
APR 19 2012  
WATER RESOURCES DEPT  
SALEM, OREGON

Work started April 12, 19 82 Completed April 25, 1982  
Date well drilling machine moved off of well April 25, 1982

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] John J. Brown Date 5/20, 19.82  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. \_\_\_\_\_ 481

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 A. M. JANSSEN WELL DRILLING CO., INC.  
(Person, firm or corporation) (Type or print)  
Address 21075 SW Tualatin Valley Hwy. Aloha, Or.  
[Signed] Edward M. Janssen  
(Water Well Contractor)  
Contractor's License No. 79 Date May 25, 1982, 19. \_\_\_\_\_

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.

SP\*12658-690

T 11406

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 1293

WATER WELL REPORT RECEIVED

STATE OF OREGON (Please type or print)

MAR 29 1977

State Well No. 3X1/29E 12d 30E-6cbd Holes # 7

(Do not write above this line) WATER RESOURCES DEPT.

(1) OWNER:

Name IVAN J VERNON COOK Address R.F. 60ND, OREGON

(2) TYPE OF WORK (check):

New Well [ ] Deepening [x] Reconditioning [x] Abandon [ ]

(3) TYPE OF WELL:

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

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

Threaded [ ] Welded [ ]

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.

(7) SCREENS:

Well screen installed? [ ] Yes [ ] 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? [ ] Yes [x] No If yes, by whom? Est. 2800 GPM AIR LIFT

(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

(10) LOCATION OF WELL:

County UMATILLA Driller's well number 06-77 NW 1/4 SE 1/4 Section 12 T. 34 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 151 ft. Static level 151 ft. below land surface. Date 3-4-77 Artesian pressure NONE lbs. per square inch. Date 3-4-77

(12) WELL LOG:

Diameter of well below casing 16" TO 500 FT 10" TO 10' 1125 ft. Depth of completed well 1125 ft. Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated.

Table with columns: MATERIAL, From, To, SWL. Rows include: DEEPENED PUMP CHAMBER FROM 431 FT. TO 500 FT. 16" DIA., DEEPENED BOTTOM HOLE FROM 1070 FT. TO 1125 FT. 8" DIA., HARD GREY BASALT 1070 1091, BROKEN RED BASALT 1091 1095, HARD GREY BASALT 1095 1115, BROKEN RED BASALT 1115 1121, HARD GREY BASALT 1121 1125

RECEIVED

APR 19 2012

WATER RESOURCES DEPT SALEM OREGON

Work started 3-1 1977 Completed 3-4 1977 Date well drilling machine moved off of well 3-4 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] E. Chivalone Date 3-8, 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 WEBB DRILLING CO. (Person, firm or corporation) (Type or print) Address PENNINGTON, ORE. [Signed] E. Chivalone (Water Well Contractor) Contractor's License No. 383 Date 3-8 1977



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

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED MAR 29 1977

State Well No. 3N/29E-126

State Permit No. Hales #7

WATER RESOURCES DEPT. SALEM, OREGON

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

(1) OWNER:

Name IVAN + VERNON COOK UMAT 1294 Address ECHO, OREGON

(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 [ ] Bored [ ]

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

16" Diam. from 0 ft. to 100 ft. Gage 1250 Threaded [ ] Welded [X]

(6) PERFORATIONS:

Perforated? [ ] Yes [X] No

Type of perforator used

Size of perforations in. perforations from ft. to ft.

(7) SCREENS:

Well screen installed? [ ] Yes [X] No

Manufacturer's Name SALEM, OREGON 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? [ ] Yes [X] No If yes, by whom? gal./min. with ft. drawdown after hrs. ST. 3000 GPM AIR LIFT

(9) CONSTRUCTION:

Well seal—Material used NEAT CEMENT Well sealed from land surface to 100 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 60 60 sacks

(10) LOCATION OF WELL:

County MATILLA Driller's well number 05-77 NW 1/4 NW 1/4 Section 12 T. 3N. 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 80 ft. Static level 74 ft. below land surface. Date 3-8-77 Artesian pressure NONE lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10 in. Depth drilled 1126 ft. Depth of completed well 1126 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: Silt, Soil, GRAVEL, SOFT, BROWN BASALT, MED. GREY, BROKEN RED, MED. GREY, BROKEN GREY, MED. GREY, BROKEN GREY, MED. GREY, BROKEN RED, MED. GREY, BROKEN RED, MED. GREY, BROKEN RED, HARD GREY.

Work started 2-14 1977 Completed 3-2 1977 Date well drilling machine moved off of well 3-2 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] Wallace Date 3-23, 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 CLEGG Drilling Co. (Person, firm or corporation) (Type or print)

Address PENDLETON, OREGON 97801

[Signed] Wallace (Water Well Contractor)

Contractor's License No. 583 Date 3-23, 1977

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

APR 1 1998

UMATILLA  
51508

AMENDED

Hales # 7

WATER RESOURCES DEPT

(START CARD) # 104104

(1) OWNER:  
Name Hale Farms  
Address PO Box 110  
City Hermiston State OR Zip \_\_\_\_\_  
Well Number # L 22891

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

(3) DRILL METHOD  
 Rotary Air  Rotary Mud  Cable  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval Yes  No  Depth of Completed Well 2210 ft.  
Explosives used  Yes  No  Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL		Amount	
Diameter	From	To	Material	From	To	sacks or pounds
14	100	674	cement	400	674	20,000 #1bs

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	123/4	+1	674	3/8	XX	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of sheets: \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian  
Yield gal/min 3000 est Drawdown N/A Drill stem at 2210 Time 1 hr  
Temperature of water 77 degrees Depth Artesian Flow Four \_\_\_\_\_  
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: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Umatilla Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 3N N or S. Range 29E E or W. WM. \_\_\_\_\_  
Section 12 NW 1/4 NW 1/4  
Tax Lot 3600 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) NW of Stage golch & I-84 Junction

(10) STATIC WATER LEVEL:  
164.6 ft. below land surface. Date 4-2-98  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

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

From	To	Estimated Flow Rate	SWL
1690	1868		
2004	2050		
2157	2167		

(12) WELL LOG: Ground elevation \_\_\_\_\_

Material	From	To	SWL
8" to 10"	847	1281	
Basalt med hard fractures	1281	1534	
Basalt hard black	1534	1656	
basalt med hard fractures	1658	1690	
basalt hard fractures h2o	1690	1868	
basalt very hard	1868	1903	
basalt med <del>hard</del> hard	1903	1928	
basalt med hard	1928	1983	
basalt hard	1983	2004	
basalt hard <del>fracture</del> fracture H	2020	2028	
basalt med red H2O	2028	2050	
basalt med hard black	2050	2082	
Basalt very hard black	2082	2157	
basalt red med soft H2O	2157	2167	
basalt med hard fracture	2167	2185	
basalt hard black	2167	2210	

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RECEIVED

FEB 25 1999

JAN 28 1999

WATER RESOURCES DEPT.  
SALEM, OREGON

WATER RESOURCES DEPT.  
SALEM, OREGON

Date started 2-7-97 Completed 4-2-98

(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.  
Signed Steve Zimmerman WWC Number 1620  
Date 4/3/98

(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.  
Signed \_\_\_\_\_ WWC Number 720  
Date 4/5/98

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STATE OF OREGON

APR 10 1998

UMAT 51508

WATER WELL REPORT

WATER RESOURCES DEPT.

(START CARD) # 104104

id # 7

(1) OWNER: Hale Farms

SALEM, OREGON

Well Number: 7

Address: PO Box 110, City: Hermiston, State: OR, Zip:

(2) TYPE OF WORK: [X] Deepen

(3) DRILL METHOD: [X] Rotary Air

(4) PROPOSED USE: [X] Irrigation

(5) BORE HOLE CONSTRUCTION: Depth of Completed Well 2210 ft.

Explosives used: [X] Type: Amount:

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Row 1: 14, 100, 674, cement, 400, 674, 20,000#1

How was seal placed: Method [X] D

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of sheets:

(7) PERFORATIONS/SCREENS:

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

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Row 1: 3000 est, N/A, 2210, 1hr.

Temperature of water: 77 degrees, Depth Artesian Flow Found:

(9) LOCATION OF WELL by legal description: Umatilla County, Township 3N, Range 29E, Section 12 NW 1/4 NW 1/4, Tax Lot 3600, Street Address: NW of Stage golch & I-84 Junction

(10) STATIC WATER LEVEL: 164.6 ft. below land surface, Date 4-2-98

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Rows: 1690-1868, 2004-2050, 2157-2167

(12) WELL LOG: Ground elevation:

Table with columns: Material, From, To, SWL. Rows: 8" to 10", Basalt med hard fractures, Basalt hard black, basalt med hard fractures, basalt very hard, basalt med hard, basalt med hard, basalt hard, basalt hard fracture H2O, basalt med red H2O, basalt med hard black, Basalt very hard black, basalt red med soft H2O, basalt med hard fracture, basalt hard

RECEIVED

RECEIVED

JAN 28 1999

FEB 25 1999

WATER RESOURCES DEPT SALEM, OREGON

WATER RESOURCES DEPT SALEM, OREGON

Date started 2-7-97 Completed 4-2-98

(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. Signed Steve Zimmerman, WWC Number 1620, Date 4/3/98

(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. Signed [Signature], WWC Number 720-723, Date 4/5/98

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APR 19 2012

WATER RESOURCES DEPT OREGON

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

# RECEIVED WATER WELL REPORT

UMAT  
1299

State Well No. 3N/29E-146

WATER RESOURCES DEPARTMENT  
SALEM, OREGON 97310  
MAR 10 1979  
within 30 days from the date  
of well completion

STATE OF OREGON  
(Please type or print)

State Permit No. Hwbes #8

SALEM, OREGON

### (1) OWNER:

Name CIRCLE R RANCH INC.  
Address ECHO, 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   
" 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? LAYNE PUMP CO.  
Yield: gal./min. with ft. drawdown after hrs.  
1700 @ 2 PM " " " "  
" " " " " "  
" " " " " "  
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  
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 06-79  
SE 1/4 NW 1/4 Section 14 T. 3N. 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 ..... ft.  
Static level ..... ft. below land surface. Date .....  
Artesian pressure ..... lbs. per square inch. Date .....

### (12) WELL LOG:

Diameter of well below casing 8"  
Depth drilled 1492 ft. Depth of completed well 1492 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
DEEPEMED PUMP CHAMBER			
FROM 450 FT. (15') TO 585.			
WENT BACK TO BOTTOM OF HOLE + GROUND UP WATER RESOURCES PROBE,			

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APR 19 2012

WATER RESOURCES DEPT  
SALEM, OREGON

Work started 3-1 19 79 Completed 3-12 19 79  
Date well drilling machine moved off of well 3-12 19 79

### 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] E. E. Wallan Date 3/14, 19 79  
(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 CEMENT DELTA CO.  
(Person, firm or corporation) (Type or print)  
Address PENDLETON, OR.  
[Signed] E. E. Wallan  
(Water Well Contractor)  
Contractor's License No. 583 Date 3/14, 19 79

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

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WELL REPORT

UMAT 1300

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

DEC 14 1978

STATE OF OREGON (Please type or print)

State Well No. 3N/29E-46

State Permit No. Hake #8

WATER RESOURCES DEPT. SALEM, OREGON

(1) OWNER: Name COOK BEES, CIRCLE C RANCH Address RR #1 ECHO, OREGON

(10) LOCATION OF WELL: County AMATILLA Driller's well number 024-78 SE 1/4 NW 1/4 Section 14 T. 3N R. 29 E, W.M. Bearing and distance from section or subdivision corner

(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 [ ]

(11) WATER LEVEL: Completed well. Depth at which water was first found 128 ft. Static level 95 ft. below land surface. Date 11-30-78 Artesian pressure lbs. per square inch. Date

CASING INSTALLED: 16" Diam. from 0 ft. to 51 ft. Gage 250

(12) WELL LOG: 15" To 450 FT. Diameter of well below casing 8" BELOW Depth drilled 1492 ft. Depth of completed well 1492 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.

PERFORATIONS: Perforated? [ ] Yes [x] No. Type of perforator used Size of perforations in. by in. perforations from ft. to ft.

Table with columns: MATERIAL, From, To, SWL. Rows include: Silt, Soil (0-6), CLAY GRAVEL (6-43), BROWN BASALT (43-80), HARD GREY (80-128), SOFT (128-145), HARD (145-188), MED. (188-238), HARD (238-265), SOFT BROWN (265-290), HARD GREY (290-335), BROKEN BROWN (335-402), HARD GREY (402-695), BROKEN GREY (695-736), HARD (736-1012), BROKEN RED (1012-1018), MED. GREY (1018-1392), SOFT RED (1392-1408), MED. GREY (1408-1492)

(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? [ ] Yes [x] No If yes, by whom? Yield: gal./min. with ft. drawdown after hrs. EST. 2000 GPM AIR LIFT

Work started 11-13 1978 Completed 12-11 1978 Date well drilling machine moved off of well 12-11 1978

(9) CONSTRUCTION: Well seal—Material used NEAT CEMENT Well sealed from land surface to 51 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 50

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 12-11, 1978 (Drilling Machine Operator) License No. 886

Was a drive shoe used? [ ] Yes [x] No Plugs Size: Method of sealing strata off Was well gravel packed? [ ] Yes [x] No Size of gravel: Gravel placed from ft. to ft.

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 WELLS DRILLING (Person, firm or corporation) (Type or print) Address HENDERSON, OR. [Signed] Wallace (Water Well Contractor) License No. 583 Date 12-11, 1978

RECEIVED APR 19 2012 WATER RESOURCES DEPT SALEM OREGON