

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

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

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

DECO 11080 (Do not write above this line)

UMAT
2835

State Well No. 4N 29E-1100
State Permit No.

WATER RESOURCES DEPT
SALEM, OREGON

(1) OWNER:
Name L. Vernon Cook
Address Rt. 2, Box 7B
Echo, Or 97838

(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
 Jettied
 Bored

(4) PROPOSED USE (check):
Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED: Threaded Welded
10" Diam. from +1 ft. to 175 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
a pump test made? Yes No If yes, by whom?
Yield: 60 gal./min. with ft. drawdown after 7 hrs.
Airblown No drawdown measured
" " " " " "
" " " " " "
Well test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Neat Cement
Well sealed from land surface to 175 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 65 sacks
How was cement grout placed? Method C
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
SW 1/4 SW 1/4 Section 11 T. 4N R. 29E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 227 ft.
Static level 204 ft. below land surface. Date 11-25-80
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 6
Depth drilled 565 ft. Depth of completed well 565 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
Fine Brown Sand	0	55	
Fine Light Br. Sand	55	117	
Large Gravel & Fine Sand	117	126	
Light Brown Clay	126	148	
Dark Brown Clay	148	160	
Brown Basalt-Broken Soft	160	166	
Black Basalt-Med Hard.	166	215	
Brown Basalt/Yellow Claystone	215	227	
Blk Basalt/green claystone	227	235	WB
Blk Basalt -Med. Hard	235	298	
Gray Basalt	298	314	
Blk. Basalt/green claystone	314	325	WB
Blk. BasaltMed Hard	325	410	
Brown Basalt-Yellow claystone	410	435	
Black Basalt -MED Hard	435	512	
Gray Basalt Hard	512	531	
RedishBrown/yellow claystone	531	542	
Black Basalt Basalt, Med Hard	542	556	
Brown Basalt Med.	556	565	
Work started 1118 19 80	Completed 11-25	19 80	

Date well drilling machine moved off of well 19
Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Donald Plummer Date 11-26, 19 80
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1210

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 X Ray Columbia Basin Well Drilling
(Person, firm or corporation) (Type or print)
Address Rt. 1, Box 1961, HERMISTON, Oregon 97838
[Signed] Tom Cook
(Water Well Contractor)
Contractor's License No. 772 Date 11/26, 19 80

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JUN 07 400

T 11086

(USE ADDITIONAL SHEETS IF NECESSARY)
WATER RESOURCES DEPT
SALEM, OREGON

UMAT 56499

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELL I.D. # L 93305
 START CARD # 200396

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

(1) **LAND OWNER** Well Number _____
 Name L. Vernan or Donna Cook
 Address 34801 Old Hwy. 320
 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 710 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
8"	175	565	N/A			
8"	565	710				

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"/>
				<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**

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian Time
<u>200+</u>		<u>710</u>	<u>1 hr.</u>

Temperature of water 61° Depth Artesian Flow Found JUN 07 2010
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Yes No
 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 11 SW 1/4 SW 1/4
 Tax Lot 3602 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 34801 Old Hwy. 320
Echo, OR 97826

(10) **STATIC WATER LEVEL:** Beginning static 380 ft.
380 ft. below land surface. Date 12-8-08
 Artesian pressure _____ lb. per square inch Date _____

(11) **WATER BEARING ZONES:**

Depth at which water was first found 701

From	To	Estimated Flow Rate	SWL
<u>701</u>	<u>710</u>	<u>200+</u>	<u>380</u>

(12) **WELL LOG:**

Ground Elevation _____

Material	From	To	SWL
<i>Recondition procedure:</i>			
<i>Original well report UMAT 2835</i>			
<i>Depth of well 565 ft.</i>			
<i>Reamed hole from 6" to 8"</i>			
<i>from 175 to 565 ft. Deepened</i>			
<i>well from 565 to 710 ft., 8" diameter.</i>			
<i>Black basalt</i>	<i>565</i>	<i>594</i>	
<i>Gray basalt</i>	<i>594</i>	<i>620</i>	
<i>Black basalt</i>	<i>620</i>	<i>646</i>	
<i>Gray basalt</i>	<i>646</i>	<i>701</i>	
<i>Black basalt with</i>	<i>701</i>	<i>710</i>	<i>WB</i>
<i>green soapstone</i>			

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NOV 30 2009

WATER RESOURCES DEPT
 SALEM, OREGON

Date started 12-2-08 Completed 12-8-08

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 WWC Number _____
 Signed _____ Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
 WWC Number 1218
 Signed Patrick Wallace Date 12-15-08

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 Permit No.

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion.

NOV - 3 1975

WATER RESOURCES DEPT.

Hales Well #5

(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:

Threaded [] Welded []

16" Diam. from 161 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. perforations from ft. to ft. 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.

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 "

Barrier 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 sacks

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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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] Melvin Ballin 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 Cecil E. James, Inc. (Person, firm or corporation) (Type or print)

Address Rt. # 2 Echo, Ore. 97826

[Signed] Cecil E. James, Inc. (Water Well Contractor)

Contractor's License No. M.A.N.C. 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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WATER RESOURCES DEPT
SALEM, OREGON

T 11086

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

UMAT
5260

JUN 2 1989

3N/29E/11 dd

WATER RESOURCES DEPT.

(START CARD) #

6501

(1) OWNER:

Name HALE FARMS
Address PO BOX 110
City Hermiston State OR Zip 97838

Well Number: 5 Five

(9) LOCATION OF WELL by legal description:

County Umatilla Latitude _____ Longitude _____
Township 3N N or S, Range 29E E or W, WM.
Section 11 SE ¼ SE ¼
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(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.
Yes No
Explosives used Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
15"	0	513				

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	Material			
				Steel	Plastic	Welded	Threaded
Casing:				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	10 ±	513	557 OR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			NORP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) P

(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"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailor 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: _____

(10) STATIC WATER LEVEL:

337 ft. below land surface. Date 5-29-89
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Material	Ground elevation		SWL
	From	To	
<u>Rem to 14 3/4"</u> <u>F</u>	<u>452</u>	<u>513</u>	

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WATER RESOURCES DEPT
SALEM, OREGON

Date started 5-26-89 Completed 5-30-89

(unbonded) Water Well Constructor Certification:

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

WWC Number _____

Signed _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 514

Signed Jerry Burd Date 5-30-89

11086