

UMAT 54154
RECEIVED

Seibel well Page 1

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

MAR 29 2001

WELL ID # L 46763
START CARD # 111251

(1) OWNER:

Name: H4 Farms
Address: 115 W Hermiston Ave
City: Hermiston State: OR Zip: 97838

Well Number: Sieble Well SALEM, OREGON
LOCATION OF WELL by legal description:
County: Umatilla Latitude: Longitude:
Township: 3N Range: 29E
Section: 9 SE 1/4 SW 1/4
Tax Lot: 3200 Lot: Block: Subdivision:
Street Address of Well (or nearest address):
Cemetery Rd Echo, OR

(2) TYPE OF WORK: (repair/
 New Well Deepening Alteration/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 1150
Explosives Used Yes No Type --- Amount ---

| HOLE | | | SEAL | | | sacks or pounds |
|----------|------|-----|-----------|------|-----|-----------------|
| Diameter | From | To | Material | From | To | |
| 24" | 0 | 20 | Cement | 0 | 20 | 40 Bags |
| 19" | 200 | 319 | Cement | 200 | 319 | 200 Bags |
| 19" | 50 | 200 | Back Fill | 50 | 200 | 270 Bags |
| 19" | 0 | 50 | Bent Chip | 0 | 50 | 90 Bags |

How was seal placed: Method A B C D E
 Other
Backfill placed from 50 to 200 Material Bent Chips
Gravel placed from --- to --- Material --- Size of gravel ---

(6) CASING/LINER:

CASING:

| Diameter | From | To | Gauge | Steel | Plastic | Welded | Threaded |
|----------|------|-----|-------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| 20 | 0 | 20 | .375 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 16 | +1 | 319 | 375 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

LINER:

| Diameter | From | To | Gauge | Steel | Plastic | Welded | Threaded |
|----------|------|----|-------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Final location of Shoe(s):

(7) PERFORATIONS/SCREENS:

Perforations Method: _____ Material: _____
 Screen Type: _____ Slot _____ Tele/pipe _____

| From | To | Slot Size | No. | 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 gpm Drawdown Drill Stem at Time

| | | | |
|------|--|------|-------|
| | | | 1 hr. |
| 1800 | | 1500 | 10 |

Temperature of water 56 Depth Artesian Flow Found ---
Was a water analysis done? --- By whom: ---
Did any strata contain water not suitable for intended use? (explain) ---
Depth of Strata: _____

RECEIVED

APR 01 2010

WATER RESOURCES DEPT
SALEM, OREGON

T 11052

(10) STATIC WATER LEVEL:
369 Ft. below land surface Date 3-22-01
Artesian pressure _____ lb. per sq. in. Date _____

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

| From | To | Est. Flow Rate | SWL |
|------|------|----------------|-----|
| 289 | 302 | 500+ | 234 |
| 681 | 689 | 200 | 369 |
| 1025 | 1041 | 500 | 369 |
| 1092 | 1150 | 1000+ | 369 |

(12) WELL LOG: Ground Elevation: _____

| Material | From | To | SWL |
|--|------|-----|-----|
| Top Soil & Sand | 0 | 10 | |
| Basalt Broken | 10 | 14 | |
| Basalt Brownish Black Med Soft w/some Broken Basal | 14 | 58 | |
| Basalt Gray Med Hard | 58 | 118 | |
| Basalt Black Vic Soft | 118 | 138 | |
| Basalt Gray Hard | 138 | 152 | |
| Basalt Black Med to Soft | 152 | 182 | |
| Basalt Gray Hard | 182 | 203 | |
| Basalt Black w/Clay Blue | 203 | 242 | |
| Basalt Gray Hard | 242 | 289 | |
| Basalt Vic Black | 289 | 302 | |
| Basalt Blackish Gray Med Hard | 302 | 318 | |
| Basalt Gray Med Hard | 318 | 340 | |
| Basalt Black Med Hard | 340 | 380 | |
| Basalt Gray Hard | 380 | 475 | |
| Basalt Gray Med Hard | 475 | 570 | |
| Basalt Black Med Hard | 570 | 605 | |
| Basalt Gray Hard | 605 | 630 | |
| Basalt Med Soft | 630 | 635 | |
| Basalt Hard Black | 635 | 669 | |
| Basalt Hard Gray | 669 | 681 | |
| Basalt Fract Gray | 681 | 689 | H2O |
| Basalt Hard Black | 689 | 696 | |
| Basalt Fract Black | 696 | 728 | |
| Basalt Med Hard Gray | 728 | 740 | |
| Basalt Fract Black | 740 | 766 | |

Date Started: 1/31/01 Completed: 3/22/01

(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 David Donnelly WWC Number 806 Date 3/27/01

(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 _____ WWC Number 723 Date 3/27/01

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) (1) OWNER:

PAGE 2 of 2

RECEIVED

WELL ID # L START CARD #

Name: Well Number: Address: City: State: Zip:

MAR 29 2010 WATER RESOURCES SALEM, OREGON

(9) LOCATION OF WELL by legal description: County: Latitude: Longitude: Township: Range: Section: Tax Lot: Lot: Block: Subdivision: Street Address of Well (or nearest address)

(2) TYPE OF WORK: (repair/ New Well Deepening Alteration 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 Explosives Used Yes No Type Amount

Table with columns for HOLE Diameter, From, To, Material, SEAL From, To, sacks or pounds

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

Table for CASING/LINER: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

LINER: Final location of Shoe(s):

(7) PERFORATIONS/SCREENS: Table with columns for From, To, Slot Size, No., Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour. Table with columns for Pump, Bailer, Air, Flowing Artesian, Yield gpm, Drawdown, Drill Stem at, Time

Temperature of water Depth Artesian Flow Found Was a water analysis done? By whom: Did any strata contain water not suitable for intended use? (explain) Depth of Strata:

(10) STATIC WATER LEVEL: Ft. below land surface Date Artesian pressure lb. per sq. in. Date

(11) WATER BEARING ZONES: Table with columns for From, To, Est. Flow Rate, SWL

(12) WELL LOG: Table with columns for Material, From, To, SWL

RECEIVED

APR 01 2010

WATER RESOURCES DEPT SALEM, OREGON

Date Started: Completed:

(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 WWC Number Date

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

RECEIVED
STATE OF OREGON
WATER RESOURCES DEPT
SALEM, OREGON
MAR 20 1980
(Please type or print)
(Do not write above this line)

RECEIVED
Cook well 4 P1
4N/28E-24ad
AUG 13 1980
State Well No.
State Permit No. **UMAT 2575**

(1) OWNER: SALEM, OREGON
Name Circle "C" Farms, Inc.
Address Rt. 1, Box 1961, Hermiston, Oregon

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

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

(5) CASING INSTALLED: Threaded Welded
10 " Diam. from +1 ft. to 234 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
Is a pump test made? Yes No. If yes, by whom?
Yield: gal./min. with _____ ft. drawdown after _____ hrs.
• Estimated 300 GPM
• Air Test
_____ per 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 234 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 110 sacks
How was cement grout placed? Grout Pipe outside of casing
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
SE 1/4 NE 1/4 Section 24 T. 4N R. 28E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found 194 ft.
Static level 290 ft. below land surface. Date 3-8-80
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 8"
Depth drilled 765 ft. Depth of completed well 765 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 sand | 0 | 12 | |
| Coarse sand | 12 | 18 | |
| Cemented gravel | 18 | 61 | |
| Coarse sand & gravel | 61 | 194 | WB 1st |
| Coarse white sand | 194 | 224 | WB |
| Broken Brown basalt | 224 | 230 | WB |
| Black basalt (med) | 230 | 291 | |
| Brown basalt (med-soft) | 291 | 305 | WB |
| Black basalt (med) | 305 | 370 | |
| Porous Blk basalt w/claystone | 370 | 385 | |
| Black basalt (med-hard) | 385 | 519 | |
| Gray basalt (hard) | 519 | 540 | |
| Porous black basalt | 540 | 545 | WB |
| Brown basalt | 545 | 585 | |
| Black basalt | 585 | 635 | |
| Gray basalt | 635 | 644 | |
| Porous red basalt | 644 | 659 | WB |
| Porous black basalt | 659 | 752 | |
| Porous brown basalt | 752 | 765 | WB |
| Work started | 2/29 | 19 80 | Completed 3-8 19 80 |
| Date well drilling machine moved off of well | 3-8 | 19 80 | |

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 J. Osborne Date 3/14, 1980
(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 Columbia Basin Well Drilling
(Person, firm or corporation) (Type or print)
Address Rt. 1, Box 1961, Hermiston, Or. 97838
[Signed] Jim Cook
(Water Well Contractor)
Contractor's License No. 772 Date 3/14, 1980

(USE ADDITIONAL SHEETS IF NECESSARY) EP-45228-119

RECEIVED

APR 0 1 2010

WATER RESOURCES DEPT
SALEM, OREGON

T 11052

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

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

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

Cook Well No 4 P2

State Well No. 4N/28E-24a

State Permit No.

UMAT
2514

(1) OWNER:

Name Circle "C" Farms, Inc.
Address Rt. 1, Box 1961
Hermiston, Oregon

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Drury Driven
Tile 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
Is a pump test made? Yes No If yes, by whom?
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" Estimated 650 gal. Airtest "
" _____ " "
" _____ " "
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 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: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number _____
SE 1/4 NE 1/4 Section 24 T. 4N R. 28E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found _____ ft.
Static level 342 ft. below land surface. Date 6-18-80
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8" to 11 1/2"
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.

| MATERIAL | From | To | SWL |
|---------------------|------|------|-----|
| Porous Brown Basalt | 765 | 771 | WB |
| Porous Black Basalt | 771 | 835 | |
| Black Basalt | 835 | 965 | |
| Broken Brown Basalt | 965 | 1005 | WB |
| Black Basalt | 1005 | 1110 | |
| Grey Basalt | 1110 | 1125 | |
| Brownish Red Basalt | 1125 | 1145 | WB |

RECEIVED

JUL 9 1980

WATER RESOURCES DEPT
SALEM, OREGON

Work started 6-10 19 80 Completed 6-18 19 80
Date well drilling machine moved off of well 6-19-80 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] Fernando Delano Date 6-18, 1980
(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 Columbia Basin Well Drilling Co.
Rt. 1, Box 1961, Hermiston, Or.
Address _____
[Signed] Juan Cook
(Water Well Contractor)
Contractor's License No. 772 Date 6/18 19 80

(USE ADDITIONAL SHEETS IF NECESSARY)

RECEIVED

APR 01 2010

WATER RESOURCES DEPT
SALEM, OREGON

T 11052