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BAKE 50686

DEC 20 1999

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

WELL I.D. # L 15328 START CARD # 121546

Instructions for completing this report are on the last page of this form WATER RESOURCES DEPT SALEM, OREGON

(1) OWNER: Well Number Name Western Heights Assoc. Address P.O. 334 City Baker City State OR Zip 97814

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 90.5 ft.

Table with columns: Diameter, From, To, Material, From, To, Sacks or pounds. Includes HOLE and SEAL sections.

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

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

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes handwritten entries for 372-437 and 437-497.

(8) WELL TESTS: Minimum testing time is 1 hour. [] Pump [] Bailer [] Air [] Artesian

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 [X] Muddy [] Odor [] Colored [] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Baker Latitude Longitude Township 9 N or Range 39 E or W. WM. Section 13 SE 1/4 SW 1/4 Tax Lot 2100 Lot Block Subdivision Street Address of Well (or nearest address) Western Heights Sub Division Baker City OR 97814

(10) STATIC WATER LEVEL: 35 ft. below land surface. Date 11-4-99 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Contains a large handwritten 'X' over the table.

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Contains handwritten note: 'Installed stainless steel screen 60' welded plate on bottom of screen welding w 308 Rod and put a hook on plate to retrieve stainless out anytime without hauling screen is necessary'.

Date started 11-4 Completed 11-5-99 (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 Jody I. Conrad WWC Number 1669 Date 11-15-99 (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 Jody I. Conrad WWC Number 1669 Date 11-15-99

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

WELL I.D. # L 15328
START CARD # 121546

Instructions for completing this report are on the last page of this WATER RESOURCES DEPT. SALEM, OREGON

(1) OWNER: Well Number _____
Name Western Heights Water Assn.

Address P.O. Box 334
City Baker City State OR Zip 97814

(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 505 ft.
Explosives used Yes No Type _____ Amount _____

| HOLE | | | SEAL | | | Sacks or pounds |
|----------|------|-----|----------|------|-----|-----------------|
| Diameter | From | To | Material | From | To | |
| 8" | 435 | 450 | Cement | 0 | 200 | 60 Sacks |
| 6" | 450 | 505 | | | | |

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

Backfill placed from 230 ft. to 455 ft. Material Gravel

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

| Diameter | From | To | Gauge | Steel | Plastic | Welded | Threaded |
|------------|------|-----|-------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| Casing: 6" | ±2 | 200 | 250 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Liner: 6" | 375 | 455 | 250 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
 Perforations Method Torchcut
 Screens Type 304/Coak Material Stainless

| From | To | Slot size | Number | Diameter | Tele/pipe size | Casing | Liner |
|------|-----|-----------|--------|----------|----------------|--------------------------|-------------------------------------|
| 425 | 455 | 1/4x3 | 3 rows | | 6" | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 372 | 437 | | | | 4 1/2 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 437 | 497 | .20 | | 4 1/2 | 4 1/2 | <input type="checkbox"/> | <input type="checkbox"/> |

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

| Yield gal/min | Drawdown | Drill stem at | Time |
|---------------|----------|---------------|-------|
| 300 ± | | 480 | 1 hr. |

Temperature of water 58° 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 Baker Latitude _____ Longitude _____
Township 9S N or S Range 39E E or W. WM. _____
Section 13 SE 1/4 SW 1/4
Tax Lot 2100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Western Heights Sub. Baker City, OR 97814

(10) STATIC WATER LEVEL:
35 ft. below land surface. Date 11-5-99
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 454

| From | To | Estimated Flow Rate | SWL |
|------|-----|---------------------|-----|
| 454 | 505 | 300 ± | 35 |

(12) WELL LOG:
Ground Elevation _____

| Material | From | To | SWL |
|-----------------------------|------|-----|-----|
| Gray basalt, caving | 435 | 450 | |
| Red clay | 450 | 454 | |
| Broken fractured basalt | 454 | 481 | 35 |
| Red rock, basalt | 481 | 486 | |
| Dk. red basalt w/blue shale | 486 | 491 | 35 |
| Dk. basalt w/white quartz | 491 | 498 | 35 |
| Dk. basalt w/red basalt | 498 | 504 | |
| Granite & black basalt | 504 | 505 | 35 |

Recondition procedure:
Cleaned out debris in hole to 450' and deepened to 455'. Pushed liner from 375' to 455'. Back filled hole with gravel from 230' to 455'. Installed 6" inner casing ±2' to 200'. Pumped cement back to surface between 6" inner casing & 8" casing. Drilled through cement, cleaned out gravel, and deepened hole 455' to 505'.
Cont. Page 2

Date started 9-27-99 Completed 11-5-99

(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 Pete Well Date 1-24-00

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(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

Table with columns: HOLE Diameter, From, To, SEAL 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: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s)

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

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

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 Baker Latitude Longitude Township 9S N or S Range 39E E or W. WM. Section 13 SE 1/4 SW 1/4 Tax Lot 2100 Lot Block Subdivision Street Address of Well (or nearest address) Western Heights Sub. Baker City, OR 97814

(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

Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Includes handwritten text: Recondition procedure: Cont. from Page 1. Installed stainless steel screen, 60' welded plate on bottom of screen, welding with 308 rod and put a hook on plate to retrieve stainless out anytime without hurting screen, if necessary. Work on screen done by employee Jody Carpenter, also a licensed constructor.

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WATER RESOURCES DEPT.

Date started SALEM, OREGON 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 Jody I. Carpenter WWC Number 1669 Date 11-15-99

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction date 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 1-24-00