

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

WATER RESOURCES DEPT.  
SALEM, OREGON

(START CARD) #55564

(1) OWNER: Well Number 635-44-93  
Name Vickie Patterson- John Hornbeck  
Address P.O. Box 712  
City Sisters State Or. Zip 97759

(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 309 ft.  
Explosives used ☐ Yes ☒ No Type \_\_\_\_\_ Amount \_\_\_\_\_

| HOLE     |            | SEAL            |          | Amount          |  |
|----------|------------|-----------------|----------|-----------------|--|
| Diameter | From To    | Material        | From To  | sacks or pounds |  |
| 12"      | 0 -3       | #8 bentonite    | 0 3      | 3 sks           |  |
| 12"      | 3 43 1/2   | type 1&2 cement | 3 43 1/2 | 29 sks          |  |
| 8"       | 43 1/2 309 |                 |          |                 |  |

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E

☒ Other Poured

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: 8" | 1 1/2 43 1/2 | .250  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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: 6"  | -14 -309     | .188  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 Machine  
☐ Screens Type \_\_\_\_\_ Material \_\_\_\_\_

| From To | Slot size | Number | Diameter | Tele/pipe size | Casing                   | Liner                               |
|---------|-----------|--------|----------|----------------|--------------------------|-------------------------------------|
| 289 309 | 1/8x4     | 234    |          |                | <input type="checkbox"/> | <input checked="" 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  |
|---------------|----------|---------------|-------|
| 15            | 0        | 309           | 1 hr. |
|               |          |               |       |
|               |          |               |       |

Temperature of Water 49° 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 Deschutes Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 15 ~~N~~ or S. Range 10 E or ~~W~~ WM.  
Section 28 SW 1/4 NE 1/4  
Tax Lot 3301 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) Peterson Mill Road  
Sisters, Or. F.S. Rds 1608 & 1585

(10) STATIC WATER LEVEL:

264 ft. below land surface. Date 11-5-93  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found 264

| From | To  | Estimated Flow Rate | SWL |
|------|-----|---------------------|-----|
| 264  | 286 | trace               | 264 |
| 294  | 303 | 15                  | 264 |
|      |     |                     |     |

(12) WELL LOG:

Ground elevation \_\_\_\_\_

| Material                       | From | To  | SWL |
|--------------------------------|------|-----|-----|
| Sandy loam top soil/lava bldr. | 0    | 6   |     |
| Gray Lava                      | 6    | 44  |     |
| no return                      | 44   | 54  |     |
| Gray Lava                      | 54   | 76  |     |
| Red Cinder Conglomerate        | 76   | 115 |     |
| Brown sandstone/pumice         | 115  | 160 |     |
| Red cinder conglomerate/pumice | 160  | 220 |     |
| Broken Gray Lava               | 220  | 286 | 264 |
| Hard Gray Lava                 | 286  | 294 |     |
| Broken Gray Lava               | 294  | 303 | 264 |
| Hard Gray Lava                 | 303  | 309 |     |
| 3 yds 5-sk sand grout          | 44   | 54  |     |
|                                |      |     |     |
|                                |      |     |     |
|                                |      |     |     |
|                                |      |     |     |
|                                |      |     |     |
|                                |      |     |     |

Date started 11-1-93 Completed 11-5-93

(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 David J. Kuch WWC Number 1568  
Date 11-5-93

(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 [Signature] WWC Number 685  
Date 11-5-93