STATE OF OREGON

# WATER WELL REPORT

(as required by ORS 537.765)

Hearn 812

APR 25 1989

WATER RESOURCES DEPT.
SALEM, OREGON

24/30E/7/66

# 5231

## (1) OWNER:

Well Number:

Name: Wm. & Kay Hart

Address: HC 74 Box 12155

City: Burns State: Ore. Zip: 97720

## (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 150 ft.

Explosives used Yes ☐ No ☒ Type Amount

| HOLE Diameter | From | To | SEAL Material | From | To | Amount sacks or pounds |
|---|---|---|---|---|---|---|
| 14" | 0 | 18 | Bentonite | 0 | 18 | 500 lbs |
| 10" | 18 | 160 | | | | |
| | | | | | | |

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

☐ Other dry bentonite

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: | 10" | +1 | 53' | .250 | ☒ | ☐ | ☒ | ☐ |
| | | | | | ☐ | ☐ | ☐ | ☐ |
| | | | | | ☐ | ☐ | ☐ | ☐ |
| | | | | | ☐ | ☐ | ☐ | ☐ |
| Liner: | | | | | ☐ | ☐ | ☐ | ☐ |
| | | | | | ☐ | ☐ | ☐ | ☐ |

Final location of shoe(s) 53'

## (7) PERFORATIONS/SCREENS: NO

☐ Perforations Method

☐ Screens Type Material

| From | To | Slot size | Number | Diameter | Tele/pipe size | Casing | Liner |
|---|---|---|---|---|---|---|---|
| | | | | | | ☐ | ☐ |
| | | | | | | ☐ | ☐ |
| | | | | | | ☐ | ☐ |
| | | | | | | ☐ | ☐ |
| | | | | | | ☐ | ☐ |
| | | | | | | ☐ | ☐ |

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

| Yield gal/min | Drawdown | Drill stem at | Time |
|---|---|---|---|
| 300 | 57' | | 1 hr. |
| | | | |
| | | | |

Temperature of water 52 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 Harney Latitude " Longitude "

Township 24 S N or S, Range 30 E E or W, WM.

Section 7 NW ¼ NW ¼

Tax Lot 700 Lot Block Subdivision

Street Address of Well (or nearest address) Approx 10 miles W on Hwy 20, near MP 121.

## (10) STATIC WATER LEVEL:

18' ft. below land surface. Date 4-4-89

Artesian pressure lb. per square inch. Date

## (11) WATER BEARING ZONES:

Depth at which water was first found 40'

| From | To | Estimated Flow Rate | SWL |
|---|---|---|---|
| 115' | 150' | 300 gpm | 18' |
| | | | |
| | | | |
| | | | |

## (12) WELL LOG:

Ground elevation 4250

| Material | From | To | SWL |
|---|---|---|---|
| Soil | 0 | 3 | 0 |
| Clay w/ gravel, brn | 3 | 25 | 0 |
| Gravel w/ sand | 25 | 48 | 40 |
| Rock, red hard | 48 | 115 | 0 |
| Pumice, w/ light clay | 115 | 120 | 0 |
| Cinders, red & black, wb | 120 | 150 | 18 |
| Rock, hard black | 150 | 160 | 18 |

Date started 3-18-89 Completed 4-4-89

**(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 1251

Signed Harold E. Woodruff Date 4-15-89

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