

CIAC
2952 Pg 1

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.785)

(START CARD) # 22424

(1) OWNER: Well Number: 2
Name Bronco Brothers
Address 11984 Brpadacres Rd. NE
City Hubbard State OR Zip 97032

(2) TYPE OF WORK:
 New Well Deepen Recundition 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 428 ft.
Explosives used Type _____ Amount _____

| HOLE | | SEAL | | Amount sacks or pounds |
|----------|---------|----------|---------|---------------------------|
| Diameter | From To | Material | From To | |
| 20" | 0 18 | Cement | 0 18 | 64 sacks |
| 16" | 18 428 | | | |

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 |
|----------|------|------|-------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| 16" | +15" | 343' | .375 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Final location of sheets) 343'

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type _____ Material Stainless

| From | To | Slot size | Number | Tele/pipe size | Casing | Liner |
|---------|---------|-----------|--------|----------------|--------------------------|--------------------------|
| 307' 6" | 350' 9" | | | 10"x.250pipe | <input type="checkbox"/> | <input type="checkbox"/> |
| 350' 9" | 357' 9" | 160 | | 10" id screen | <input type="checkbox"/> | <input type="checkbox"/> |
| 357' 9" | 375' 1" | | | 10"x.250pipe | <input type="checkbox"/> | <input type="checkbox"/> |
| 375' 1" | 387' 1" | 160 | | 10" ID screen | <input type="checkbox"/> | <input type="checkbox"/> |
| 387' 1" | 395' 1" | | | 10"x.250pipe | <input type="checkbox"/> | <input type="checkbox"/> |
| 395' 1" | 400' 1" | 160 | | 10" ID screen | <input type="checkbox"/> | <input type="checkbox"/> |

CONTINUED

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

| | | | |
|-----|-----|--|--------|
| 600 | 140 | | 1 hr. |
| 600 | 184 | | 2 hrs. |
| 450 | 188 | | 6 hrs. |

Temperature of water 59 degrees 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 Clackamas Latitude _____ Longitude _____
Township 5S N or S. Range 1W E or W. WM.
Section 12 SW 1/4 NE 1/4
Tax Lot Parcel 2 Block _____ Subdivision _____
Street Address of Well (or nearest address) Meridian Rd.
Hubbard, OR 97032

(10) STATIC WATER LEVEL:
59 ft. below land surface. Date 3/18/91
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 105' 6"

| From | To | Estimated Flow Rate | SWL |
|---------|------|---------------------|-----|
| 105' 6" | 108' | 50 gpm | 59 |
| 351 | 400' | 500 gpm | 59 |

(12) WELL LOG: Ground elevation _____

| Material | From | To | SWL |
|------------------------|---------|---------|-----|
| Top soil | 0 | 1 | |
| Clay brown | 1 | 35 | |
| Clay grey | 35 | 52 | |
| Clay brown | 52 | 61 | |
| Cemented gravel, brown | 61 | 69 | |
| Clay brown | 69 | 88 | |
| Clay grey | 88 | 105 1/2 | |
| Black sand & gravel | 105 1/2 | 108 | 59 |
| Clay grey | 108 | 123 1/2 | |
| Gravel cemented | 123 1/2 | 132 | |
| Clay grey | 132 | 312 | |
| Clay brown | 312 | 321 | |
| Clay grey | 321 | 342 | |
| Clay sandy grey | 342 | 351 | |
| Sandstone black | 351 | 357 | |
| Clay grey | 357 | 371 | 59 |
| Clay, stone, green | 371 | 375 | |
| Sand & silt- black | 375 | 381 | 59 |
| Clay grey | 381 | 384 | |
| Sandstone grey | 384 | 387 1/2 | 59 |
| Clay sticky grey | 387 1/2 | 397 | |
| Sand black | 397 | 400 | 59 |
| Clay sticky grey | 400 | 426 | |

Date started 1/8/91 Completed 3/27/91

(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 Hermit Martin WWC Number 1341
Date 4/2/91

(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 Janet Brogan WWC Number 783
Date 4/2/91

