

Instructions for completing this report are on the last page of this form.

**(1) LAND OWNER** Owner Well I.D. \_\_\_\_\_  
 First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
 Company Grant 4-D Farms  
 Address 225 N 520 E  
 City Rufus State ID Zip 83350

**(2) TYPE OF WORK**  New Well  Deepening  Conversion  
 Alteration (repair/recondition)  Abandonment

**(3) DRILL METHOD**  
 Rotary Air  Rotary Mud  Cable  Auger  Cable Mud  
 Reverse Rotary  Other \_\_\_\_\_

**(4) PROPOSED USE**  Domestic  Irrigation  Community  
 Industrial/Commercial  Livestock  Dewatering  Injection  
 Thermal  Other \_\_\_\_\_

**(5) BORE HOLE CONSTRUCTION** Special Standard:  Yes (attach copy)  
 Depth of Completed Well 520 ft.

| BORE HOLE |      |     | SEAL      |      |    |        |       |
|-----------|------|-----|-----------|------|----|--------|-------|
| Dia       | From | To  | Material  | From | To | Amount | Units |
| 20        | 0    | 520 | Bentonite | 0    | 50 | 70     | cks   |
|           |      |     |           |      |    |        |       |
|           |      |     |           |      |    |        |       |

How was seal placed: Method  A  B  C  D  E  
 Other dry pour  
 Backfill placed from 50 ft. to 80 ft. Material Bentonite  
 Filter pack from 80 ft. to 520 ft. Material gravel Size 3/8 minus  
 Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

**(6) CASING/LINER**

| Csng | Linr | Dia | + | From | To  | Gauge | Steel | Plastic | Welded | Thrd |
|------|------|-----|---|------|-----|-------|-------|---------|--------|------|
| /    |      | 16  | + | 2    | 140 | 1/4   | -     | -       | -      | -    |
| /    |      | 16  |   | 200  | 260 | 1/4   | -     | -       | -      | -    |
| /    |      | 16  |   | 380  | 510 | 1/4   | -     | -       | -      | -    |
| /    |      | 16  |   | 510  | 520 | 1/4   | -     | -       | -      | -    |

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
 Temporary casing  Yes Diameter \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

**(7) PERFORATIONS/SCREENS**  
 Perforations Method \_\_\_\_\_  
 Screens Type Johnson open Material steel

| Perf | Scrn | Csng | Linr | Screen Dia | From | To  | Screen/ slot width | Slot length | # of slots | Tele/ pipe size |
|------|------|------|------|------------|------|-----|--------------------|-------------|------------|-----------------|
| /    |      |      |      | 16         | 140  | 200 | 1/8                |             | 33?        |                 |
| /    |      |      |      | 16         | 260  | 380 | 1/8                |             | 1          |                 |
| /    |      |      |      | 16         | 410  | 510 | 1/8                |             |            |                 |

**(8) WELL TESTS: Minimum testing time is 1 hour**  
 Pump  Bailer  Air  Flowing Artesian  
 Yield gal/min 1950 Drawdown \_\_\_\_\_ Drill stem/Pump depth 510 Duration (hr) 30 min

RECEIVED BY OWRD

Temperature 72 °F Lab analysis  Yes By \_\_\_\_\_  
 Water quality concerns?  Yes (describe below) JUN 28 2013  
 From \_\_\_\_\_ To \_\_\_\_\_ Description \_\_\_\_\_ Amount \_\_\_\_\_ Units \_\_\_\_\_  
 SALEM, OR

**(9) LOCATION OF WELL (legal description)**  
 County Malheur Twp 175 N or S Range 44E E or W W.M.  
 Sec 28 NW 1/4 of the MW 1/4 Tax Lot 8400  
 Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
 Lat 44° 03' 53.33 or \_\_\_\_\_ DMS or DD  
 Long 117° 20' 24.95 or \_\_\_\_\_ DMS or DD  
 Street Address of Well (or nearest address) 6th ave west  
Vale

**(10) STATIC WATER LEVEL**

|                            | Date           | SWL (psi) | + | SWL (ft)   |
|----------------------------|----------------|-----------|---|------------|
| Existing Well/Predeepening |                |           |   |            |
| Completed Well             | <u>1-15-13</u> |           |   | <u>128</u> |

Flowing Artesian?  Yes Dry Hole?  Yes

WATER BEARING ZONES Depth water was first found 140

| SWL Date        | From       | To         | Est Flow    | SWL (psi) | + | SWL (ft)   |
|-----------------|------------|------------|-------------|-----------|---|------------|
| <u>12-31-12</u> | <u>140</u> | <u>200</u> | <u>1950</u> |           |   | <u>128</u> |
|                 | <u>260</u> | <u>380</u> |             |           |   |            |
|                 | <u>410</u> | <u>510</u> |             |           |   |            |

**(11) WELL LOG** Ground Elevation 2580

| Material            | From       | To         |
|---------------------|------------|------------|
| <u>Clay</u>         | <u>0</u>   | <u>137</u> |
| <u>sand coarse</u>  | <u>137</u> | <u>194</u> |
| <u>Clay</u>         | <u>194</u> | <u>265</u> |
| <u>sand coarse</u>  | <u>265</u> | <u>379</u> |
| <u>Clay</u>         | <u>379</u> | <u>404</u> |
| <u>sand coarse</u>  | <u>404</u> | <u>504</u> |
| <u>small gravel</u> |            |            |
| <u>Clay</u>         | <u>504</u> | <u>520</u> |

Date Started 12-1-12 Completed 12-31-12

**(unbonded) Water Well Constructor Certification**  
 I certify that the work I performed on the construction, deepening, 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.  
 License Number \_\_\_\_\_ Date \_\_\_\_\_  
 Signed \_\_\_\_\_

**(bonded) Water Well Constructor Certification**  
 I accept responsibility for the construction, deepening, 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.  
 License Number 1867 Date 5-31-13  
 Signed Alan W. [Signature]  
 Contact Info. (optional) \_\_\_\_\_

# MALH 53995

## STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 101318

START CARD # 1018554

Instructions for completing this report are on the last page of this form.

**(1) LAND OWNER** Owner Well I.D. \_\_\_\_\_  
 First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
 Company Grant 4-D Farms  
 Address 225 N 520 E  
 City Rupert State ID Zip 83350

**(2) TYPE OF WORK**  New Well  Deepening  Conversion  
 Alteration (repair/recondition)  Abandonment

**(3) DRILL METHOD**  
 Rotary Air  Rotary Mud  Cable  Auger  Cable Mud  
 Reverse Rotary  Other \_\_\_\_\_

**(4) PROPOSED USE**  Domestic  Irrigation  Community  
 Industrial/Commercial  Livestock  Dewatering  Injection  
 Thermal  Other \_\_\_\_\_

**(5) BORE HOLE CONSTRUCTION** Special Standard:  Yes (attach copy)  
 Depth of Completed Well 520 ft.

| BORE HOLE |      |     |           | SEAL |     |        |          |
|-----------|------|-----|-----------|------|-----|--------|----------|
| Dia       | From | To  | Material  | From | To  | Amount | Scks/lbs |
| 20        | 0    | 520 | Bentonite | 0    | 520 | 70     | 0        |

How was seal placed: Method  A  B  C  D  E  
 Other Dry pour  
 Backfill placed from 150 ft. to 80 ft. Material Bentonite  
 Filter pack from 80 ft. to 520 ft. Material Gravel Size 3/8 inches  
 Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

**(6) CASING/LINER**

| Csng | Linr | Dia | + | From | To  | Gauge | Steel | Plastic | Welded | Thrd |
|------|------|-----|---|------|-----|-------|-------|---------|--------|------|
| /    |      | 16  | + | 2    | 140 | 14    | /     |         | /      |      |
| /    |      | 16  |   | 200  | 260 | 14    | /     |         | /      |      |
| /    |      | 16  |   | 380  | 410 | 14    | /     |         | /      |      |
| /    |      | 16  |   | 510  | 520 | 14    | /     |         | /      |      |

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
 Temporary casing  Yes Diameter \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

**(7) PERFORATIONS/SCREENS**  
 Perforations Method 1  
 Screens Type JOHNSON-SPUN Material Steel

| Perf | Scrn | Csng | Linr | Screen Dia | From | To  | Screen/slot width | Slot length | # of slots | Tele/pipe size |
|------|------|------|------|------------|------|-----|-------------------|-------------|------------|----------------|
| /    |      |      |      | 16         | 140  | 200 | 1/8               |             | 33 1/4     |                |
| /    |      |      |      | 16         | 260  | 380 | 1/8               |             | 1          |                |
| /    |      |      |      | 16         | 410  | 510 | 1/8               |             | 1          |                |

**(8) WELL TESTS: Minimum testing time is 1 hour**  
 Pump  Bailer  Air  Flowing Artesian  
 Yield gal/min 1950 Drawdown \_\_\_\_\_ Drill stem/Pump depth 510 Duration (hr) 30 Hr

Temperature 72 °F Lab analysis  Yes By \_\_\_\_\_  
 Water quality concerns?  Yes (describe below) **FEB 01 2013**  
 From \_\_\_\_\_ To \_\_\_\_\_ Description \_\_\_\_\_ Amount \_\_\_\_\_ Units \_\_\_\_\_  
**SALEM, OR**

**(9) LOCATION OF WELL (legal description)**  
 County Malheur Twp 17 N or S Range 44 E or W W.M.  
 Sec 28 NW 1/4 of the NW 1/4 Tax Lot 8700  
 Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
 Lat 44° 03' 55.44" or \_\_\_\_\_ DMS or DD  
 Long 117° 20' 24.64" or \_\_\_\_\_ DMS or DD  
 Street Address of Well (or nearest address) 6TH AVE WEST  
VAZE

**(10) STATIC WATER LEVEL**

|                            | Date           | SWL (psi) | + | SWL (ft)   |
|----------------------------|----------------|-----------|---|------------|
| Existing Well/Predeepening |                |           |   |            |
| Completed Well             | <u>1-15-13</u> |           |   | <u>128</u> |

Flowing Artesian?  Yes Dry Hole?  Yes  
**WATER BEARING ZONES** Depth water was first found 140

| SWL Date        | From       | To         | Est Flow | SWL (psi) | + | SWL (ft)   |
|-----------------|------------|------------|----------|-----------|---|------------|
| <u>12-31-12</u> | <u>140</u> | <u>200</u> |          |           |   | <u>128</u> |
| <u>1</u>        | <u>260</u> | <u>380</u> |          |           |   | <u>1</u>   |
| <u>1</u>        | <u>410</u> | <u>510</u> |          |           |   | <u>1</u>   |

**(11) WELL LOG** Ground Elevation 2580

| Material                  | From       | To         |
|---------------------------|------------|------------|
| <u>Clay</u>               | <u>0</u>   | <u>137</u> |
| <u>sand course</u>        | <u>137</u> | <u>194</u> |
| <u>Clay</u>               | <u>194</u> | <u>265</u> |
| <u>sand course</u>        | <u>265</u> | <u>379</u> |
| <u>Clay</u>               | <u>379</u> | <u>404</u> |
| <u>sand course, small</u> | <u>404</u> | <u>504</u> |
| <u>gravel</u>             | <u>504</u> | <u>520</u> |

Date Started 12-1-12 Completed 12-31-12

**(unbonded) Water Well Constructor Certification**  
 I certify that the work I performed on the construction, deepening, 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.

License Number \_\_\_\_\_ Date \_\_\_\_\_

Signed \_\_\_\_\_

**(bonded) Water Well Constructor Certification**  
 I accept responsibility for the construction, deepening, 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.

License Number 1867 Date 1-23-13

Signed Alan W. Treborg

Contact Info. (optional) \_\_\_\_\_