

# IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

## 1. WELL TAG NO.

DOO76125

DRILLING PERMIT NO.

Water Right or Injection Well#

## 2. OWNER:

Name:

Nate Wilson

Address:

708 South Jefferson

City:

Moscow

State:

Idaho

Zip

83843

## 3. LOCATION OF WELL by legal description:

Twp.

40N

Rge.

5W

Sec.

36

1/4

S/W

S/W

1/4

10 acres

40 acres

160 acres

Gov't Lot

County

Latah

Lat.

46

45

581

Deg. And Decimal min.

Long.

116

54

867

Deg. And Decimal min.

Address of well site:

City: Darby Rd. and Lyon Road, Moscow

## 4. USE:

☒ Domestic
 ☐ Municipal
 ☐ Monitor
 ☐ Irrigation
 ☐ Injection

## 5. TYPE OF WORK:

☒ New Well
 ☐ Replacement
 ☐ Modify existing
 ☐ Abandonment
 ☐ Other

## 6. DRILL METHOD:

Air Rotary

## 7. SEALING PROCEDURES:

| Seal Material | From | To (ft) | Quantity (lbs. or ft.) | Placement method/procedure |
|---------------|------|---------|------------------------|----------------------------|
| Bentonite     | 0    | 38      | 1000                   | Pour                       |

## 8. CASING/LINER:

| Diameter | From | To  | Gauge/Schedule | Material | Casing | Liner | Threaded | Welded | Glued |
|----------|------|-----|----------------|----------|--------|-------|----------|--------|-------|
| 6"       | +2   | 118 | 250            | Steel    | X      |       |          | X      |       |
| 4"       | -5   | 500 | Sch 40         | PVC      |        | X     |          |        | X     |

Was drive shoe used?

yes

Shoe Depth

118'

## 9. PERFORATIONS/SCREENS

 Perforations ☒ Yes ☐ No Method **020 Screen**  
 Manufactured screen ☒ Yes ☐ No Type **Johnson**

Method of installation:

| From | To  | Slot Size  | Number | Diam. | Material | Gauge or Schedule |
|------|-----|------------|--------|-------|----------|-------------------|
| 480  | 460 | 020 Screen |        | 4"    | PVC      | 200               |

Length of tailpipe: 20' Bottom cap

Packer ☐ Yes ☒ No Type:

## 10. FILTER PACK

| Filter Material | From | To | WL/Volume | Placement Method |
|-----------------|------|----|-----------|------------------|
| NONE            |      |    |           |                  |

## 11. FLOWING ARTESIAN:

Flowing artesian ☐ Yes ☒ No Artesian Pressure (PSIG)

Describe control device:

CAP

## 12. STATIC WATER LEVEL AND WELL TESTS:

Depth first water encountered (ft) **345** Static water level: **104'**Water temp. **50** degrees

Bottom hole temp.

Describe access port:

CAP

Well Test:

Test Method:

| Drawdown (feet) | Discharge or yield | Test Duration | Pump                     | Bailer                   | Air                                 | Flowing Artesian         |
|-----------------|--------------------|---------------|--------------------------|--------------------------|-------------------------------------|--------------------------|
| Est. 10-12gpm   | 2 hrs              |               | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Water quality test or comments:

Good, clear, no odor

## 13. LITHOLOGIC LOG and/or repairs or abandonment:

| Bore Dia. | From (ft) | To (ft) | Remarks, lithology or description of repairs or abandonment | Water |   |
|-----------|-----------|---------|-------------------------------------------------------------|-------|---|
|           |           |         |                                                             | Y     | N |
| 10        | 0         | 2       | Top Soil                                                    |       |   |
|           | 2         | 4       | dark brown dirt                                             |       |   |
|           | 4         | 54      | brown clay                                                  |       |   |
| 8         | 54        | 60      | brown granite and quartz gravel                             |       |   |
|           | 60        | 66      | brown decomposed granite                                    |       |   |
|           | 66        | 80      | brown clay, decomposed granite                              |       |   |
|           | 80        | 95      | tan clay and brn. Granite                                   |       |   |
|           | 95        | 114     | yellow clay                                                 |       |   |
|           | 114       | 124     | hard brown granite                                          |       |   |
| 6         | 124       | 162     | multi colored hard gray granite                             |       |   |
|           | 162       | 173     | hard gray granite                                           |       |   |
|           | 173       | 180     | hard gray & brown granite                                   |       |   |
|           | 180       | 215     | medium hard brown granite                                   |       |   |
|           | 215       | 270     | hard gray granite                                           |       |   |
|           | 270       | 335     | hard gray granite & white quartz                            |       |   |
|           | 335       | 360     | medium hard sandy gray granite                              | X     |   |
|           | 360       | 415     | hard gray granite                                           |       |   |
|           | 415       | 475     | hard gray granite & white quartz                            |       |   |
|           | 475       | 490     | medium hard gray granite                                    |       |   |
|           | 490       | 500     | hard gray granite                                           |       |   |

Completed Depth (Measurable): 500

Date Started: 8/23/2017

Date Completed: 8/29/2017

## 14. DRILLER'S CERTIFICATION:

Company Name: All-Ways Drilling, Inc.

Co. No. 510

Principal Driller

*Stanley Wolfe*

Date

9/10/17

Driller

Stanley K Wolfe

Date

9/10/17

Operator II

Date

\*Signature of Principal Driller and rig operator are required.

SCANNED

MAR 24 2020