Form 238-7
6/02

# IDAHO DEPARTMENT OF WATER RESOURCES
# WELL DRILLER'S REPORT

Office Use Only
Well ID No. 806845
Inspected by
Twp ____ Rge ____ Sec ____
____ 1/4 NW 1/4 NW 1/4
Lat: : : Long: : :

**1. WELL TAG NO. D** 0030525
DRILLING PERMIT NO.
Water Right or Injection Well No.

**2. OWNER:**
Name Jerry Upchurch
Address 2500 W. Hampden Ave. # 165
City Englewood State Co. Zip 80110

**3. LOCATION OF WELL by legal description:**
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 4 North ☑ or South ☐
Rge. 5 East ☐ or West ☑
Sec. 22, ____ 1/4 NW 1/4 SW 1/4
(10 acres / 40 acres / 160 acres)
Gov't Lot ____ County Canyon
Lat: : : Long: : :
Address of Well Site Bird Haven Court by Patrick Ln. & Fargo intersection City Wilder
(Give at least name of road + Distance to Road or Landmark)
Lt. 3 Blk. ____ Sub. Name Bird Haven Court

**4. USE:**
☑ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

**5. TYPE OF WORK** check all that apply (Replacement etc.)
☑ New Well ☐ Modify ☐ Abandonment ☐ Other

**6. DRILL METHOD:**
☐ Air Rotary ☑ Cable ☐ Mud Rotary ☐ Other

**7. SEALING PROCEDURES**

| Seal Material | From | To | Weight / Volume | Seal Placement Method |
|---|---|---|---|---|
| Bentonite | 0 | 56 | 1,000 lbs | Poured down annular space |
| | | | | |

Was drive shoe used? ☑Y ☐N Shoe Depth(s) 147'
Was drive shoe seal tested? ☐Y ☑N How?

**8. CASING/LINER:**

| Diameter | From | To | Gauge | Material | Casing | Liner | Welded | Threaded |
|---|---|---|---|---|---|---|---|---|
| 6" | +2 | 147 | .250 | Steel | ☑ | ☐ | ☑ | ☐ |
| 5" | 143'6" | 149 | .188 | Steel | ☐ | ☑ | ☑ | ☐ |
| 5" | 159'3½" | 162'6" | .188 | Steel | ☐ | ☑ | ☑ | ☐ |

Length of Headpipe 6' NA Length of Tailpipe 2' 8½"
Packer ☑Y ☐N Type neoprene vulcanzd

**9. PERFORATIONS/SCREENS PACKER TYPE**
Perforation Method
Screen Type & Method of Installation Stainless wire wrap, pull casing to expose

| From | To | Slot Size | Number | Diameter | Material | Casing | Liner |
|---|---|---|---|---|---|---|---|
| 149' | 159'3½" | 20 | NA | 5" | Johnson Stainless | ☐ | ☑ |
| | | | | | | ☐ | ☐ |
| | | | | | | ☐ | ☐ |

**10. FILTER PACK** NA

| Filter Material | From | To | Weight / Volume | Placement Method |
|---|---|---|---|---|
| | | | | |
| | | | | |

**11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:**
112 ft. below ground Artesian pressure NA lb.
Depth flow encountered 150 ft. Describe access port or control devices:
unbolt well cap

**12. WELL TESTS:**
☐ Pump ☑ Bailer ☐ Air ☐ Flowing Artesian

| Yield gal./min. | Drawdown | Pumping Level | Time |
|---|---|---|---|
| 20 | 4' | 116' | 1 hr. |
| | | | |
| | | | |

Water Temp. 60° Bottom hole temp. 60°
Water Quality test or comments: good
Depth first Water Encounter 149'

**13. LITHOLOGIC LOG:** (Describe repairs or abandonment)

| Bore Dia. | From | To | Remarks: Lithology, Water Quality & Temperature | Water Y | Water N |
|---|---|---|---|---|---|
| 10 | 0 | 1 | Top Soil | | ✓ |
| 10 | 1 | 19 | Dusty white clay | | |
| 8 | 19 | 42 | Dusty white clay | | |
| 8 | 42 | 43 | Sandy white clay | | |
| 8 | 43 | 46 | gravel | | |
| 8 | 46 | 50 | white clay | | |
| 8 | 50 | 51 | gravel | | |
| 8 | 51 | 54 | white clay with gravels | | |
| 8 | 54 | 56 | white clay | | |
| 7⅝ | 56 | 67 | Sand & gravel | | |
| | 67 | 70 | silty brown sand | | |
| | 70 | 73 | brown clay | | |
| | 73 | 83 | brown sand | | |
| | 83 | 85 | brown sandy clay | | |
| | 85 | 87 | brown sand | | |
| | 87 | 96 | brown clay | | |
| | 96 | 100 | brown silty sand | | |
| | 100 | 101 | gravel | | |
| | 101 | 123 | brown sand | | |
| | 123 | 127 | sandy brown clay | | |
| | 127 | 136 | Yellow clay | | |
| | 136 | 137 | Sand | | |
| | 137 | 146 | Yellow clay | | |
| | 146 | 147 | Fine Sand | | ✓ |
| | 147 | 149 | Sandy brown clay | | ✓ |
| 7⅝ | 149 | 159 | All size Grey sand & gravel jelled together by a little silt | ✓ | |
| 6" | 159 | 162.5 | good yellow clay | | ✓ |

RECEIVED
NOV - 4 2003
Department of Water Resources
SCANNED
RECEIVED
OCT 28 2003
OCT 27 2003
WATER RESOURCES WESTERN REGION

Completed Depth 162'6" (Measurable)
Date: Started 9-20-03 Completed 10-20-03

**14. DRILLER'S CERTIFICATION**
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name A-Line well Drilling Firm No. 566
Principal Driller Russell A. Johnston Date 10-20-03
and
Driller or Operator II Russell a. Johnston Date 10-20-03
Operator I ____ Date ____
Principal Driller and Rig Operator *Required.*
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES