



Ministry of Environment

- Well Construction Report
- Well Closure Report
- Well Alteration Report

Red Williams Well
 DRILLING LTD.
 980 PRATT ROAD
 QUALICUM BEACH BC
 V1K 1W5
 250.248.5552

Ministry Well ID Plate Number: 43627
 Ministry Well Tag Number:
 Confirmation/alternative specs. attached
 Original well construction report attached

Red lettering indicates minimum mandatory information. See reverse for notes & definitions of abbreviations.

Owner name: BEVERLY GAIL SEVERN
 Mailing address: 90 [REDACTED] Town DENMAN ISLAND Prov. BC Postal Code V0R 1T0
 Well Location: Address: Street no. 3730 Street name DENMAN ROAD Town DENMAN ISLAND
 (or) Legal description: Parcel M Plan _____ D.L. _____ Block _____ Sec. 18 Twp. _____ Rg. _____ Land District NANAIMO
 (or) PID: 009.708.537 (and) Description of well location (attach sketch, if nec.): PARCEL M (00601N) OF SEC. 18
 EXCEPT THAT PART IN PLAN 24807 WITHIN PROPERTY BOUNDARIES
 NAD 83: Zone: 10 UTM Easting: 368800.4 m Latitude (see note 3): _____
 (see note 2) UTM Northing: 5488532.4 m Longitude: _____
 Method of drilling: air rotary cable tool mud rotary auger driving jetting excavating other (specify): _____
 Orientation of well: vertical horizontal Ground elevation: 167 ft (asl) Method (see note 4): GPS HANDHELD Accuracy +/- 30'
 Class of well (see note 5): WATER SUPPLY Sub-class of well: DOMESTIC
 Water supply wells: indicate intended water use: private domestic water supply system irrigation commercial or industrial other (specify): _____

Lithologic description (see notes 7-14) or closure description (see notes 15 and 16)

| From ft (bgl) | To ft (bgl) | Relative Hardness | Colour | Material Description (Use recommended terms on reverse. List in order of decreasing amount, if applicable) | Water-bearing Estimated Flow (USgpm) | Observations (e.g., fractured, weathered well sorted, silty wash), closure details |
|---------------|-------------|-------------------|--------|--|--------------------------------------|--|
| 0 | 3 | | BROWN | SAND | | Silty |
| 3 | 8 | | BROWN | COBBLE/TILL | | |
| 8 | 30 | | | SHALE | | |
| 30 | 47 | | | SANDSTONE | 1.0 | |
| 47 | 48 | | | FRACTURE | 2.0 | |
| 48 | 65 | | | SANDSTONE | | |
| 65 | 67 | | | FRACTURE | | |
| 67 | 80 | | | SANDSTONE | | |

Casing details

| From ft (bgl) | To ft (bgl) | Dia in | Casing Material / Open Hole | Wall Thickness in | Drive Shoe |
|---------------|-------------|--------|-----------------------------|-------------------|------------|
| 0 | 18 | 6 | STEEL | .219 | - |

Screen details

| From ft (bgl) | To ft (bgl) | Dia in | Type (see note 18) | Slot Size |
|---------------|-------------|--------|--------------------|-----------|
|---------------|-------------|--------|--------------------|-----------|

Surface seal: Type: BENTONITE Depth: 17 ft
 Method of installation: Poured Pumped Thickness: 2 in
 Backfill: Type: _____ Depth: _____ ft
 Liner: PVC Other (specify): _____
 Diameter: _____ in Thickness: _____ in
 From: _____ ft (bgl) To: _____ ft (bgl) Perforated: From: _____ ft (bgl) To: _____ ft (bgl)

Intake: Screen Open bottom Uncased hole
 Screen type: Telescope Pipe size
 Screen material: Stainless steel Plastic Other (specify): _____
 Screen opening: Continuous slot Slotted Perforated pipe
 Screen bottom: Bail Plug Plate Other (specify): _____
 Filter pack: From: _____ ft To: _____ ft Thickness: _____ in
 Type and size of material: _____

Developed by:
 Air lifting Surging Jetting Pumping Bailing
 Other (specify): _____ Total duration: 0.5 hrs
 Notes: _____

Final well completion data:
 Total depth drilled: 80 ft Finished well depth: 80 ft (bgl)
 Final stick up: 24 in Depth to bedrock: 8 ft (bgl)
 SWL: 30 + ft (btoc) Estimated well yield: 3 USgpm
 Artesian flow: _____ USgpm, or Artesian pressure: _____ ft

Well yield estimated by:
 Pumping Air lifting Bailing Other (specify): _____
 Rate: 3 USgpm Duration: 0.5 hrs
 SWL before test: _____ ft (btoc) Pumping water level: _____ ft (btoc)

Type of well cap: VERMIN PROOF Well disinfected: Yes No
 Where well ID plate is attached: STRAPPED TO CASING

Obvious water quality characteristics:
 Fresh Salty Clear Cloudy Sediment Gas
 Colour/odour: _____ Water sample collected:

Well closure information:
 Reason for closure: _____
 Method of closure: Poured Pumped
 Sealant material: _____ Backfill material: _____
 Details of closure (see note 17): _____

Well driller (print clearly):
 Name (first, last) (see note 19): TRAVIS JOHNSON
 Registration no. (see note 20): WS 0604 1901
 Consultant (if applicable; name and company): _____

Date of work (YYYY/MM/DD):
 Started: 2017/07/05 Completed: 2017/07/05
 Comments: _____

Signature of Driller Responsible: Travis Johnson

PLEASE NOTE: The information recorded in this well report describes the works and hydrogeologic conditions at the time of construction, alteration or closure, as the case may be. Well yield, well performance and water quality are not guaranteed as they are influenced by a number of factors, including natural variability, human activities and condition of the works, which may change over time.

white: Customer copy
 canary: Driller copy
 pink: Ministry copy
 Sheet 1 of 1