



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

Stamp company name/address/
phone/fax/email here, if desired.

Ministry Well ID Plate Number: _____
 Ministry Well Tag Number: 48420
 Existing 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: D PETERSON
 Mailing address: "" _____ Town _____ Prov _____ Postal Code _____

Well location: Street _____ Town PENTICTON

Legal description: Lot 4 Plan 29575 D.L. 977 Block _____ Sec. _____ Twp. _____ Rg. _____ Land District SIMILKAMEEN

PID: _____ and Description of well location (attach sketch, if nec.): _____

NAD 83:Zone: 11 UTM Northing: 5472905 m Latitude (see note 3): 49° 22' 28.71"
 (see note 2) and UTM Easting: 295947 m Longitude: 119° 48' 40.01"

Method of drilling: air rotary cable tool mud rotary auger driving jetting excavating other (specify): _____
 Orientation of well: vertical horizontal Ground elevation: 0 ft (asl) Method (see note 4): _____

Class of well (see note 5): _____ Sub-class of well: _____
 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	Description	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	8				brown sand and gravel, big rocks		
8	25				sand and gravel, large and sm., sharp		
25	65				cemented sand and gravel, tight		
65	86				sand and gravel, sharp, dark brown		
86	88				cemented sharp gravel with brown clay		
88	95				sharp gravel with fines		

Casing details

From ft (bgl)	To ft (bgl)	Dia in	Casing Material/Open Hole	Wall Thickness in	Drive Shoe
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Screen details

From ft (bgl)	To ft (bgl)	Dia in	Type (see note 18)	Slot Size
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Production Casing Diameter: 6.0 in
 Surface seal: Type: _____ Depth: _____ ft
 Method of installation: Poured Pumped Thickness: _____ 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: _____ hrs
 Notes: _____

Final well completion data:

Total depth drilled: _____ ft Finished well depth: 95 ft bgl
 Final stick up: _____ in Depth to bedrock: _____ ft bgl
 SWL: 56 ft (btoc) Estimated well yield: 20.00 USgpm
 Artesian flow: _____ USgpm, or artesian pressure: _____ ft
 Type of well cap: _____ Well disinfected: yes no
 Where well ID plate is attached: _____

Well yield estimated by:

Pumping Air lifting Bailing Other (specify): _____
 Rate: _____ USgpm Duration: _____ hrs
 SWL before test: _____ ft (btoc) Pumping water level: _____ ft (btoc)

Well closure information:

Reason for closure: _____
 Method of closure: _____
 Sealant material: _____ Backfill material: _____
 Details of closure: _____

Obvious water quality characteristics:

Fresh Salty Clear Cloudy Sediment Gas
 Colour/odour: _____ Water sample collected:

Well driller (print clearly):

Name (first, last) (see note 19): _____
 Registration no. (see note 20): _____
 Consultant (if applicable name and company): _____

Date of work (YYYY/MM/DD):

Started: 1981/07/01 Completed: 1981/07/01
 Comment: METHOD OF DRILLING = DRILLED

DECLARATION: Well construction, well alteration or well closure, as the case may be, has been done in accordance with the requirements in the Water Act and the Ground Water Protection Regulation.

Signature of Driller Responsible

General

1. Requirements for well construction and well closure reports are found in Part 5 of the Water Act and the Ground Water Protection Regulation. Part 5 of the act and regulation are available at: http://www.env.gov.bc.ca/wsd/plan_protect_sustain/groundwater/index.html.
2. The current Ministry standard datum for mapping and geodetic use is the North American Datum of 1983 (NAD 83). To determine GPS coordinates using a Global Positioning System (GPS), set the datum to NAD 83.
3. For latitude and longitude coordinates, provide coordinates either in degree, minutes and seconds (e.g., 50° 2' 21.037") or decimal degrees (e.g., 50.039175°).
4. For the method of determining ground elevation, enter: GPS, differential GPS, level, altimeter, 1:50,000 map, 1:20,000 map, 1:10,000 map or 1:5,000 map.
5. The classes and sub-classes of wells are shown below:

Class	Sub-class (if applicable)
Water supply	Domestic; Non-domestic
Monitoring	Temporary; Permanent
Recharge or injection	
Dewatering or drainage	Temporary; Permanent
Remediation	Temporary; Permanent
Geotechnical	Borehole; Test pit; Special type of hole; Closed loop geothermal

6. Well reports submitted to the Deputy Comptroller, or retained by the person responsible, as required under the Water Act and the Ground Water Protection Regulation, shall be considered part of the Provincial Government records and is subject to the Freedom of Information and Protection of Privacy Act.

How to Fill Out the Lithologic Description Table

7. Each row in the lithologic description table represents either a depth interval or depth in the well.
8. A row could represent a depth interval (e.g., from 0 feet to 12 feet), such as for a geologic stratum or a specific depth (e.g., 120 feet), such as for a depth location of a water-bearing fracture.
9. For a depth interval, enter the relative hardness of the material in the column "Relative Hardness," if applicable: Very Hard (VH), Hard (H), Dense (D), Stiff (ST), Medium (M), Loose (L), Soft (S), Very Soft (VS).
10. For a depth interval, enter the letter for the overall colour of the geologic material in the column "Colour," if applicable: White (W), Grey (Gy), Blue (Bl), Green (G), Yellow (Y), Brown (Br), Red (R), Tan (T), Black (Bk).
11. For each depth interval, enter the description of the geologic materials encountered during drilling in the column "Material Description." Material descriptions should be chosen from the following recommended list of materials:

Surficial materials (approximate range of particle size)	Bedrock materials
boulders (greater than 10 inches)	conglomerate
cobbles (2 1/2 inches to 10 inches)	sandstone
gravel (80 slot to 2 1/2 inches)	shale
coarse sand (25 slot to 80 slot)	siltstone
medium sand (10 slot to 25 slot)	limestone
fine sand (2 slot to 10 slot)	crystalline
silt (less than 2 slot)	granite
clay (much less than 2 slot)	basalt
till (variable particle size)	volcanic
organics (e.g., top soil, wood, peat)	bedrock

12. In describing the material, list the material in order from greatest to least and indicate what materials occur in trace (less than 5%) amounts. The word "and" means both materials occur in approximately equal amounts (e.g., "gravel and coarse sand, trace silt").
13. Under the column "Water-bearing Estimated Flow (USgpm)," use "D" for "dry," "W" for "wet," or enter the estimated flow in USgpm.
14. If a water-bearing fracture is encountered, the depth of the fracture should be recorded in a row and the estimated flow of water in the fracture can be entered in the column "Water-bearing Estimated Flow (USgpm)."

How to Fill Out the Closure Description Table and the Well Closure Information Section

15. Each row in the closure description table represents either a depth interval (e.g., from 0 feet to 12 feet) or depth (e.g., 120 feet) in the well.
16. For a depth interval, enter the type of backfill or sealant material(s) in the column "Material Description."
17. Indicate in "Details of closure" whether casing(s) or screen(s) were pulled or left in place. If casing(s) were left in place, indicate whether it was perforated or ripped.

Screen Details

18. "Type" includes riser pipe, K-packer, screen, screen blank, or tail pipe.

Well Driller

19. Fill in the name of the driller who constructed the well.

Registration Number of Driller Responsible

20. Fill in the registration number on the Qualified Well Driller identification card. If the work was completed by a driller who is not registered as a Qualified Well Driller, the Qualified Well Driller who is directly supervising the work should fill in their registration number on their Qualified Well Driller identification card. The Qualified Well Driller signs the form.

Definitions of Abbreviations

asl	above sea level	ft	feet	PID	Parcel Identifier	USgpm ...	US gallons per minute
bgl	below ground level	hrs	hours	Rg.	Range	UTM	Universal Transverse
btc	below top of casing	in	inches	Sec.	Section		Mercator Grid
Dia	Diameter	NAD 83 ...	North American Datum (1983)	SWL	static water level		
D.L.	District Lot			Twp.	Township		