XTG.

BRITISH COLUMBIA The Best Place on Earth | Ministry of Environment

☒ Well Construction Report ☐ Well Closure Report ☐ Well Alteration Report

Midnight Sun Drilling Inc

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

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

436156 / 6736980

115A16 8N

± 50m (if Mend. Comm. Center = Firehall

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

Owner name: [redacted]

Mailing address: _____ Town _____

Well Location (see note 2): Address: Street no. _____ Street name _____

or Legal description: Lot _____ Plan _____ D.L. _____ Block _____ S

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

NAD 83: Zone: _____ (see note 3) and UTM Easting: _____ m UTM Northing: _____ m or

Method of drilling: ☒ air rotary ☐ dual rotary ☐ cable tool ☐ mud rotary ☐ auger ☐ dri

Orientation of well: ☒ vertical ☐ horizontal Ground elevation: _____ ft (asl) Metho

Class of well (see note 6): _____ Sub-class

Water supply wells: indicate intended water use: ☐ private domestic ☐ water supply system ☐ irrigatio

Lithologic description (see notes 8-13) or closure description (see notes 14 and

From ft (bgl)	To ft (bgl)	Surficial Material: City	Till	Sand with clay/silt	Sand, fine-med	Sand, med-coarse	Sand with gravel	Bedrock Material: Siltstone/shale	Sandstone	Conglomerate	Limestone	Basalt	Volcanic	Crystalline	Other Surficial/ Bedrock	Colour: Red	Orange	Brown	Tan	Light Grey	Blue	Green	Dark Grey	Hardness: Very Hard	Hard	Dense/Stiff	Loose	Moisture: Dry	Moist	Wet	High Production	Lost circulation	Not Available	(e.g. boulders), est. water bearing flow (USgpm), or closure details)
0	4		✓																							✓							
4	26		✓																						✓								
26	28														✓			✓							✓								Weathered Rock.
28	220																		✓	✓					✓								
																																	46 GPM - 142
																																	4 GPM - 157
																																	2 GPM - 190

Casing details

From ft (bgl)	To ft (bgl)	Dia in	Casing Material/Open Hole (see note 17)	Wall Thickness in	Drive Shoe
0	28	6	Steel	.250	Reg. Dhw.

Surface seal: Type: Bentonite Chips. Depth: 19 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)

Screen details

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

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: ☐ Ball ☐ 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: 4 hrs
Notes: _____

Well yield estimated by:
☐ Pumping ☒ Air lifting ☐ Bailing ☐ Other (specify): _____
Rate: 10 USgpm Duration: 4 hrs
SWL before test: 75 ft (btoc) Pumping water level: _____ ft (btoc)

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): Carl MacKenzie
Registration no. (see note 20): ~~0111[illegible]~~ IWD0412150
Consultant (if applicable; name and company): _____

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 _____

Final well completion data:
Total depth drilled: 220 ft Finished well depth: 220 ft (bgl)
Final stick up: _____ in Depth to bedrock: _____ ft (bgl)
SWL: 75 ft (btoc) Estimated well yield: 10 USgpm
Artesian flow: _____ USgpm, or Artesian pressure: _____ ft
Type of well cap: _____ Well disinfected: ☐ Yes ☒ No
Where well ID plate is attached: _____

Well closure information:
Reason for closure: _____
Method of closure: ☐ Poured ☐ Pumped
Sealant material: _____ Backfill material: _____
Details of closure (see note 16): _____

Date of work (YYYY/MM/DD):
Started: 2013/10/07 Completed: 2013/10/08
Comments: _____

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 ____ of ____