

WATER WELL REPORT

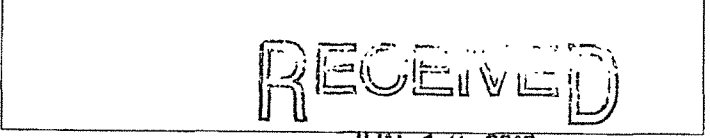
State of Washington Date Printed: 05-Apr-2010 Log No. 0
 Construction / Decommission: Original Construction
 Construction Notice of Intent #: **381014**

CURRENT
 Notice of Intent No.: WE11187
 Unique Ecology Well I.D. No. BBL605
 Water Right Permit Number:
 OWNER: WHITBY, MICHAEL & CATHARINE
 OWNER ADDR PO BOX 516
 KETTLE FALLS, WA 99141
 Well Add: 1667 NICKLES ROAD
 City: Kettle Falls, WA 99141 County: Stevens
 Location: SW 1/4 SW 1/4 Sec 11 T 35 R 37E EWM
 Lat/Long: Lat Deg Lat Min/Sec
 (s, t, r still) REQUIRED) Long Deg Long Min/Se
 Tax Parcel No.: 1685830

PROPOSED USE: DOMESTIC	
TYPE OF WORK: Owners's Well Number: (If more than one well) 2 NEW WELL Method: ROTARY	
DIMENSIONS: Diameter of well: 6 inches Drilled 440 ft. Depth of completed well 440 ft.	
CONSTRUCTION DETAILS:	Casing installed: WELDED
Liner installed: PVC	6 " Dia from +2 ft. to 28 ft.
4 " Dia from 20 ft. to 440 ft.	" Dia from ft. to ft.
" Dia from ft. to ft.	" Dia from ft. to ft.
Perforations: Yes Used In: LINER Type of perforator used SKILL SAW SIZE of perforations 1/8 in. by 7 in. 195 Perforations from 260 ft. to 420 ft. Perforations from ft. to ft. Perforations from ft. to ft.	
Screens: 0 K-Pac Location: Manufacture's Name Type: Model No. Diam. slot size: from ft. to ft. Diam. slot size: from ft. to ft.	
Gravel/Filter packed: No Size of Gravel Material placed from ft. to ft.	
Surface seal: Yes To what depth 19 ft. Seal method: Material used in seal BENTONITE Did any strata contain unusable water? No Type of water: Depth of strata Method of sealing strata off	
PUMP: Manufacture's name Type: H.P. 0	
WATER LEVELS: Land-surface elevation above mean sea level: 0 ft. Static level 140 ft. below top of well Date 03/30/2010 Artesian Pressure lbs per square inch Date Artesian water controlled by	
WELL TESTS: Drawdown is amount water level is lowered below static level. Was a pump test made? No If yes, by whom Yield: gal/min with ft drawdown after Yield: gal/min with ft drawdown after Yield: gal/min with ft drawdown after <i>Recovery data (time taken as zero when pump turned off)(water level measured from well top to water level)</i> Time: Water Level Time: Water Level Time: Water Level Date of test: Bailer test gal/min ft drawdown after hrs. Air test 1 1/2 gal/min w/ stem set at 439 ft. for 1 1/2 hours Artesian flow gpm Date Temperature of water Was a chemical analysis made No	

CONSTRUCTION OR DECOMMISSION PROCEDURE
 Formation: Describe by color, character, size of material and structure. Show thickness of aquifers and the kind and nature of the material in each stratum penetrated. Show at least one entry for each change in formation.

Material	From	To
HARD DRY CLAY TAN	0	7
SANDY DRY CLAY BROWN	7	24
BLACK SHALE W/QUARTZ MEDIUM	24	88
GREY SHALE MEDIUM	88	127
BLACK SHALE W/QUARTZ	127	270
GREY WHITE LIMESTONE W/WATER	270	345
BLACK LIMESTONE MEDIUM	345	385
GREY WHITE LIMESTONE	385	401
BLACK LIMESTONE MEDIUM	401	440



Notes:
 DEPARTMENT OF ECOLOGY
 EASTERN REGIONAL OFFICE

Work started **03/25/2010** Completed **03/30/2010**

WELL CONSTRUCTION CERTIFICATION:
 I constructed and/or accept responsibility for construction of this well and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.
 Driller Engineer Trainee

Name: **ANDREW BAKER** License No.: **2892**
 Signature: *Andrew Baker*

If trainee, Licensed driller is: License No.:
 Licensed Driller Signature:

Drilling Company:
 NAME: **FOGLE PUMP & SUPPLY, INC.** Shop: **COLVILLE**
 ADDRESS: **316 W. 5TH**
 Colville, WA 99114
 Phone: **509-684-2569** Toll Free: **800-533-6518**
 E-Mail: **jeanne@foglepump.com**
 FAX: **509-684-3032** WEB Site: **www.foglepump.com**
 Contractor's
 Registration No.: **FOGLEPS095L4** Date Log Created: **04/05/2010**

WATER WELL REPORT

State of Washington Date Printed: 25-Nov-2015 Log No. 0
 Construction / Decommission: Original Construction Notice

CURRENT
 Notice of Intent No.: WE21610
 Unique Ecology Well I.D. No BIO675
 Water Right Permit Number:
 OWNER: WHITBY, MICHAEL

OWNER ADD 1667 NICKLES RD
 KETTLE FALLS, WA 99141

Well Add 1667 NICKLES RD
 City: Kettle Falls, WA 99141 County: Stevens
 Location: SW 1/4 SW 1/4 Sec 11 T 35 R 37 EW
 Lat/Long: Lat Deg Lat Min/Sec
 (s, t, r still) Long Deg Long Min/Sec
 REQUIRED)
 Tax Parcel No.: 1686745

PROPOSED USE: DOMESTIC

TYPE OF WORK: Owners's Well Number: (If more than one well)
NEW WELL Method: **ROTARY**

DIMENSIONS: Diameter of well: 6 inches
 Drilled 400 ft. Depth of completed well 400 ft.

CONSTRUCTION DETAILS: Casing installed **WELDED**
 Liner installed: PVC
 4 " Dia from 20 ft. to 400 ft.
 6 " Dia from +3 ft. to 57 ft.
 " Dia from ft. to ft.
 " Dia from ft. to ft.

Perforations: Yes Used In:
 Type of perforator used **SKILL SAW**
 SIZE of perforations 1/8 in. by 6 in.
 90 Perforations from 300 ft. to 400 ft.
 Perforations from ft. to ft.
 Perforations from ft. to ft.

Screens: 0 K-Pac Location:
 Manufacture's Name
 Type: Model No
 Diam. slot size: from ft. to ft.
 Diam. slot size: from ft. to ft.

Gravel/Filter packed: No Size of Gravel
 Material placed fro ft. to ft.

Surface seal: Yes To what depth 18 ft.
 Seal method: Material used in seal **BENTONITE**
 Did any strata contain unusable water No
 Type of water Depth of strata
 Method of sealing strata off

PUMP: Manufacture's name
 Type: H.P. 0

WATER LEVELS Land-surface elevation above mean sea level: 0 ft.
 Static level 300 ft. below top of well Date 08/18/2015
 Artesian Pressure lbs per square inch Date
 Artesian water controlled by **MAR 14 2016**

WELL TESTS: Drawdown is amount water level is lowered below static level.
 Was a pump test made No
 Yield: gal/min with ft drawdown after
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 Yield: gal/min with ft drawdown after
 Recovery data (time taken as zero when pump turned off)(water level measured from well top to water level)
 Time: Water Level Time: Water Level Time: Water Level
 Date of test:
 Bailer test gal/min ft drawdown after hrs.
 Air test 1 gal/min w/ stem set at 400 ft. for 1 hours
 Artesian flow gpm Date
 Temperature of water Was a chemical analysis made No

CONSTRUCTION OR DECOMMISSION PROCEDURE
 Formation: Describe by color, character, size of material and structure. Show thickness of aquifers and the kind and nature of the material in each stratum penetrated. Show at least one entry for each change in formation.

Material	From	To
TOP SOIL	0	3
SANDY CLAY	3	7
CLAY	7	52
BROKEN ROCK	52	56
SHALE GRAY	56	108
SHALE BLACK	108	147
LIMESTONE GRAY	147	177
FRACTURED	177	179
LIMESTONE GRAY	179	188
SHALE BLACK	188	203
LIMESTONE GRAY	203	211
SHALE BLACK	211	306
LIMESTONE GRAY	306	400

Notes:
RECEIVED
 DEC 18 2015
 Department of Ecology
 Eastern Regional Office

Work starte 08/17/2015 Complete: 08/18/2015
 Department of Ecology
 Eastern Regional Office

WELL CONSTRUCTION CERTIFICATION:
 I constructed and/or accept responsibility for construction of this well and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

Driller Engineer Trainee
 Name: **SAM BEARDSLEE** License No.: 2905
 Signature:

If trainee, Licensed driller is: License No.:
 Licensed Driller Signature

Drilling Company:
 NAME: **FOGLE PUMP & SUPPLY, INC.** Shop: **COLVILLE**
 ADDRESS: **316 W. 5TH**
 Colville, WA 99114
 Phone: **509-684-2569** Toll Free: **800-533-6518**
 E-Mail: **heidi@foglepump.com**
 FAX: **509-684-3032** WEB Site: **www.foglepump.com**
 Contractor's
 Registration No.: **FOGLEPS095L4** Date Log Created: **11/25/2015**

THE DEPARTMENT OF ECOLOGY DOES NOT WARRANT THE DATA AND/OR THE INFORMATION ON THIS WELL REPORT